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PROGRAMME OF WORK FOR 1971 INCLUDING REPORT OF ACTIVITIES

FOR 1969 AND UPDATING OF 1970 PROGRAMME

PART ONE

id.70-784

We regret that some of the pages in the microfiche copy of this report may not be up to the proper legibility standards, even though the best possible copy was used for preparing the master fiche.

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Preface

In previous years, reports on the activities of UNIDO were submitted to the Industrial Development Board in the form of three separate documents: a report on activities of the past year, the programme of work for the current year and the programme for the coming year. It was considered that the Board would be provided with a better picture of the work of UNIDO if the three separate reports were merged into a single document covering the entire three-year period; thus this year, the programme document is submitted under the title "Programme of Work for 1971, including Report of Activities for 1969 and Updating of 1970 Programme" covering the activities for 1969 and the programmes of 1970 and 1971. Since the programme for 1970 was approved by the Board at its third session, this document concentrates on 1969 as regards implementation and 1971 as regards the programme. For the sake of continuity, the document contains an updated version for the year 1970.

The document consists of two parts. Part One contains a summary account of the activities and programmes of UNIDO for the three-year period, including a number of consolidated tables which provide a numerical picture of the operational and supporting activities. Following a request made at the last session of the Board, new tables have been added covering also the administrative and management expenditures for the period. Part Two consists of a detailed account of the activities of UNIDO for the period 1969 to 1971, arranged by the fifteen groups of activities. For the sake of convenience, each group is presented separately as an addendum to Part One (ID/B/64), which is the main document. There are fifteen such addenda, numbered ID/B/64/Add.1-15, corresponding to the fifteen groups. These groups are enumerated below:

- Group 1 Engineering Industries
- Group 2 Metallurgical Industries
- Group 3 Construction and Building Materials Industries
- Group 4 Chemicals, Pharmaceuticals and Pulp and Paper Industries
- Group 5 Fertilizers, Pesticides and Petrochemicals Industries
- Group 6 Light Industries

- Group 7 Industrial Legislation, Patents and Licensing
- Group 8 Industrial Services and their Administration
- Group 9 Industrial Information
- Group 10a Industrial Training
- Group 10b Industrial Management and Consulting Services
- Group 11 Small-scale Industry, including Industrial Extension Services and Industrial Estates
- Group 12 Industrial Programming and Project Planning
- Group 13 Industrial Policies and Financing
- Group 14 Promotion of Export-oriented Industries
- Group 15 Industrial Reviews and Surveys

PART ONE: SUMMARY REVIEW OF PAST AND PROGRAMMED
ACTIVITIES OF UNIDO, 1969 TO 1971

1. After a brief outline of the major trends in the UNIDO activities for the three-year period 1969 to 1971, the operational activities are reviewed by programmes and regions. A short section deals with the programme of industrial field advisers. This is followed by a section on supporting activities, where the activities of headquarters secretariat are highlighted by major areas: industrial inputs in agriculture; repair and maintenance; promotion activities; in-plant training and industry branch programmes; activities related to the Second United Nations Development Decade; and other areas (participation in the Second Asian Conference on Industrialization; follow-up of the International Symposium on Industrial Development; contribution to the United Nations Conference on Human Environment).
2. A special section is devoted to a review of the activities of UNIDO relating to co-ordination of the work in the field of industrial development of the United Nations family of organizations. Finally, a review is made of the activities of the Public Information Service at UNIDO headquarters and of the activities of the New York Liaison Office for 1969.
3. In response to the desire expressed by some delegations during the third session of the Board, the statistical information contained in the previous reports has been expanded by the addition of new data. The tables are presented in the form of a statistical appendix. Reference to the statistical material in the appendix is made at the appropriate points in the preceding sections.
4. Part One also contains five annexes which are listed in the contents.

MAJOR TRENDS IN THE ACTIVITIES OF UNIDO, 1969 TO 1971

5. The activities of UNIDO both at headquarters and in the field continued to expand in 1969, and a further expansion is planned for 1970 and 1971. The growth of UNIDO activities over the period 1969 to 1971 is reflected in the figures given in tables 1 through 3 of the statistical appendix.

6. As regards operational activities, the resources available to the organization are expected to reach about \$20 million in 1970 and about \$24 million in 1971 compared to about \$17 million in 1969. This represents an increase of about 25 per cent in 1970 and 20 per cent in 1971 over the preceding year. Compared to 1969, the anticipated resources for 1971 will exceed those in 1969 by approximately 50 per cent. The programme under the UNDP/SF component accounts for the largest part of the increase in the operational activities, representing about 40 per cent of the total UNIDO technical co-operation programme for 1970 and about 45 per cent of the programme for 1971. The resources under the UNDP/TA component and the General Trust Fund of UNIDO are also expected to show an increase in 1970 and 1971 as compared to 1969, although of lesser magnitude. The resources under the Regular Programme remain unchanged at a figure of \$1.5 million, which is the proposed planning level for 1970 and 1971. As regards the SIS component, which is at present a major element of the UNIDO technical co-operation programme and accounts for 20 per cent of total resources, the procedure of financing the SIS-type projects has been changed following a decision reached by the UNDP Governing Council at its eighth session, under which effective 1970 projects of the SIS type will be financed from the UNDP Revolving Fund. In the estimates of the funds available for SIS-type projects in 1970 and 1971, it is assumed that the levelling off of the resources available under the present procedure of financing the SIS programme will be offset by funds from the Revolving Fund so as to allow for the continuation of this form of assistance. A moderate increase of the total volume of this programme is planned for 1971.

7. Finally, the total of UNIDO resources for operational activities, (\$20 million in 1970 and \$24 million in 1971, as mentioned above) should be considered against the background of the estimated requirements for the same years, amounting to about \$34.5 million and \$41.6 million respectively. As

explained in the statistical appendix, the latter figures correspond to the expressed needs of countries for assistance to industry. Although the figures do not represent formal requests, in view of the limitation of resources, they nevertheless indicate the magnitude of the required assistance.

8. The development of headquarters activities over the period is reflected in the size of the Regular Budget of UNIDO, which provides for the financing of headquarters activities covering direct servicing (backstopping) of the field operations, the indirect supporting and research activities, the expenditures directly relating to management and administration of the field activities and the general management and administrative expenses. As can be seen from table 2, the resources under the Regular Budget in 1970 show an increase of 11 per cent over 1969, while the budget estimate for 1971 submitted to the Board exceeds the figures for 1970 by 21 per cent. The latter figure reflects the proposed increase in professional staff and in the corresponding services and the expected rises in costs and prices. It will be noted that the rate of increases in expenditures under the Regular Budget are behind that of the resources planned for operational activities.

OPERATIONAL ACTIVITIES

The technical assistance activities in industry in 1969

9. The technical co-operation activities of UNIDO are financed from a number of established programmes available to the United Nations system of organizations including the United Nations Development Programme Special Fund (UNDP/SF) and Technical Assistance (UNDP/TA) components, the Special Industrial Services (SIS), the Regular Programme (RP) of technical assistance and certain financing arrangements such as Funds-in-Trust.

UNDP/SF

10. As a participating and executing agency in the UNDP, UNIDO was responsible, by the end of 1969, for the execution of 35 long-term projects financed from the UNDP/SF components, as against 25 in 1968. In addition, UNIDO was associated in the implementation of seven projects executed by other agencies, including ILO, FAO and the United Nations. The total value of the 35 projects for which UNIDO has been designated executing agency is approximately \$85.6 million, of which \$31.5 million are in UNDP allocations and \$54.1 million in government counterpart contributions. The estimated value of annual expenditures of the \$31.5 million in UNDP allocations for 1969 was \$4.8 million, of which \$3.2 million were actually disbursed or committed by the end of the year. This rate of expenditure is determined not only by the plans of operation of the projects, but also by the readiness and ability of the assisted countries to make available their counterpart contribution and the availability and acceptability to governments of candidates to fill the expert posts in the project.

11. To date, the magnitude of the share of UNIDO in the UNDP/SF component has been small compared with that of other United Nations agencies. Given the increased interest of governments and the Governing Council of UNDP in assistance to industry, it is expected that the participation of UNIDO in the UNDP/SF component will increase in the coming years. As a result of preparatory work carried out during 1968 and 1969, it is hoped that 25 new UNDP/SF projects, for which UNIDO would be designated executing agency, will be approved in 1970,

and an additional 40 projects in 1971. On the other hand, the field operations for ten projects now under implementation are expected to be completed by 1971. Although the normal duration of a UNDP/SF project is between three and five years, it is expected that an increasing number of "mini" projects, of not more than two years' duration, will be approved in the coming years. Taking all this into consideration, the estimated annual expenditures on the implementation of UNDP/SF projects would be about \$11 million in 1970 and \$14 million in 1971.

12. During 1969, certain tendencies became evident with respect to the development of new UNDP/SF projects. Among these tendencies, the following are especially deserving of note:

- (a) The campaign for repair and maintenance of industrial equipment, initiated in 1968 and continued in 1969, identified a number of needs at the country level, and several projects are under consideration. It is hoped that two projects in this field will be approved early in 1970, and that similar projects will be included in the programmes of the future years;
- (b) In addition to the ad hoc training programmes developed by UNIDO during the past few years, considerable work has been done in the preparation of projects for the establishment, on a long-term basis, of training programmes for senior management and technical personnel in selected industrial fields in countries where there are facilities for such programmes. Two such projects are expected to be approved early in 1970, and others are in preparation;
- (c) Together with the development of the classical type of projects, such as centres of industrial development and technological research institutes, UNIDO has begun to develop projects in industrial management as a follow-up of some of the industrial clinic projects successfully implemented under SIS. The purpose of this type of project is rehabilitation of a given branch industry;
- (d) Another type of project aims at strengthening industrial units within government economic development departments. Such assistance is intended to contribute to better industrial planning and particularly to a better evaluation of industrial projects;
- (e) Increased attention has been given to the establishment of pilot and demonstration plants for industrial branch development.

UNDP/TA

13. The participation of UNIDO in the UNDP/TA component, which is devoted mainly to medium-term expert services and fellowships, was in 1969 in the order of \$2.5 million, of which \$1.9 million represented expenditures on projects initiated in the course of the year and \$600,000 were expenditures on continuing projects whose implementation was carried over into 1969.

14. In addition to country projects, the UNDP/TA programme finances a number of interregional projects in the form of training courses, seminars, meetings and working groups of experts. Details of these projects are given under the description of the operational support activities of the respective group of activities (see Addenda 1-15 to this document). In 1969, the total value of regional and interregional UNDP/TA projects was about \$400,000.

15. The new continuous programming procedure of UNDP/TA country projects, which superseded the previous procedure of biennial programming, went into operation in 1969. Countries are requesting assistance within their country target allocations as and when the need is felt and in certain cases for two or three years in advance. As of 30 September 1969, UNDP had approved country projects valued at about \$2.0 million allocated to UNIDO for implementation in 1970 and \$0.5 million worth of projects for implementation in 1971. These amounts are expected to increase as new requests are received and approved.

16. While industrial projects implemented under the UNDP/TA component accounted for a relatively small share of the operational programme of UNIDO, they continued to provide a wide range of services to industry including: the transfer of industrial technology, particularly in chemical and petrochemical engineering and metallurgical industries; industrial management and training; and small-scale industries and industrial estates. Advice was given also in the formulation and evaluation of industrial projects, industrial policies and financial planning. A number of technical assistance projects undertaken as follow-up activities to projects were initiated under the Regular Programme and the SIS programme.

17. As in previous years, UNIDO sought to forecast the requirements of developing countries for short and medium-term technical assistance to industry in 1971, the programming year under consideration at this session of the Board. Based on reports received during the past year from Resident Representatives, from UNIDO industrial field advisers and experts engaged on field projects and from other sources, these requirements are estimated at about \$14.6 million as compared with \$10.4 million previously forecast for 1970 (ID/B/44, p. 17, table 2). The value of UNDP/TA projects, which will eventually be implemented by UNIDO, will depend on the requests received from the field and the allocation of funds by UNDP.

SIS

18. As in previous years, the SIS programme provided speedy short-term assistance in the rehabilitation of existing industries and in the development of new ones. The number of projects approved during 1969 was 224 as against 157 in 1968. The pace of implementation of projects financed under this programme accelerated in 1969 with expenditures amounting to \$2.1 million as against \$944,400 in 1968.

19. In 1969, the financing of this programme continued to be made from resources available to the SIS Trust Fund originally established in 1966. The cumulative amount of contributions made to the Fund reached about \$9 million. Taking into account the value of projects approved and those under consideration by UNIDO and UNDP, the resources of the Fund will be depleted in the near future unless new contributions are forthcoming. Arrangements have been made following a decision of the Governing Council of UNDP in its eight session (E/4706, para. 245) for the continued financing of a SIS-type programme through the establishment of the Revolving Fund at an annual expenditure level of \$2 million. An agreement was subsequently reached between the Administrator of the UNDP and the Executive Director of UNIDO for the establishment of a programming level of \$4 million. A detailed report on the status and activities of this programme is contained in document ID/B/68.

UNIDO Regular Programme

20. Resources available to this programme amounted in 1969 to \$1.5 million, with expenditures running at about the same level. The present level of the programme is expected to be maintained in 1970 and 1971.

21. The major part of the Regular Programme is devoted to financing of fellowship posts for training in various fields of industry. The remainder is used to finance experts in country projects and a number of regional advisers attached to the regional economic commissions and UNESOB. The present procedure of financing the industry part of the Regular Programme through a separate section in part V of the United Nations budget, and subject to approval of the Industrial Development Board, was maintained by General Assembly resolution 2511 (XXIV) of 21 November 1969. A detailed report on this programme is contained in document ID/B/67.

Funds-in-Trust

22. In addition to the above programmes of technical assistance, UNIDO provided expert advice and services to a number of countries that had deposited the funds for these projects with the United Nations. The value of expenditures from these Funds-in-Trust amounted to almost \$400,000 in 1969.

Individual fellowships

23. A few words may be added here concerning the UNIDO individual fellowships under some of the above programmes. The number of established individual fellowship posts under all programmes increased from 328 on 31 December 1968 to 444 posts as of 30 September 1969, corresponding to 1,552 and 2,458 man/months of training, respectively. As of 30 September 1969, however, only 258 nominations were received for these posts, representing 1,182 man/months. Countries that had failed to submit nominations for the unimplemented posts were urged to do so prior to the end of the year. According to the established procedures for the Regular Programme, unused funds for fellowship posts under this programme lapse at the end of the year. This is not the case for the posts established under the UNDP/TA component, for they can be carried over to the next programming exercise.

24. Table 7 in the statistical appendix gives the number of approved fellowship posts and their implementation during 1968 and 1969. The number of established posts, particularly those under the UNDP/TA programme, is expected to increase in 1970 and 1971 commensurate with the over-all increase in this programme in the field of industry.

25. As shown in table 7, the largest number of established posts during 1969 was in the field of mechanical and electrical engineering. Posts established to date for 1970 are mainly in light industry, industrial programming and project planning, and the engineering industries.

The technical assistance activities in industry by regions

Africa

26. Economic growth in many African countries has been reflected in the nature and scope of technical assistance activities provided by UNIDO during recent years. There has been a building up of infrastructure and of basic economic

facilities such as roads, harbours, railways and power-producing plants. UNIDO, in co-operation with other agencies and organizations of the United Nations, is increasingly contributing to what might be called the second phase of development in the African countries.

27. During 1969, UNIDO provided technical assistance to 41 countries and four regional organizations in Africa to a value of about \$2.8 million, as against \$2.4 million in 1968. The number of UNDP/SF projects executed by UNIDO in the region rose from 11 in 1968 to 25 in 1969. It is estimated that this number will increase in 1971/1972 to about 40. Significant changes are evident in the type of UNDP/SF projects. Where previously the tendency has been to concentrate on studies and programming centres, interest is now centred on projects on the plant level, such as quality control institutes, pilot and demonstration plants and industrial estates.

28. The substantial increase in the SIS programme, which in 1969 was more than double the 1968 programme (namely, from \$432,500 to \$896,000), reflects the growing effectiveness and importance of this programme. This growth is expected to continue in coming years, probably with greater emphasis on plant-level type of assistance. A great number of UNIDO field personnel under the SIS programme work as OPAS (Operational Assistance) experts in factories or in OPAS-type jobs as factory managers, maintenance and repair experts, marketing experts, purchasing officers or accountants, while the UNDP/TA programme is used for long-term industrial planning and the formulation of industrial policies.

29. The Regular Programme is used almost exclusively for training purposes. The African countries are actively participating in the fellowship programme of UNIDO. In 1968, 66 fellowships were established under all programmes and 41 fellowships awarded. In 1969, 110 fellowships were approved, and 35 were awarded by the end of September. Under the Regular Programme alone the number of fellowships in 1969 was 52, for which UNIDO had received 32 nominations by the end of September. Under the same programme, the Board has approved 69 fellowships for 1970. The value of Africa's share in the Regular Programme rose from \$258,300 in 1968 to \$423,900 in 1969.

30. Since January 1969, when UNIDO took over responsibility for the recruitment of certain categories of experts, including all SIS posts, recruitment has been accelerated. By the end of 1969, 212 experts were engaged in projects

in African countries as compared to a total of 149 experts in 1968. In addition, a number of consultants, who are not included in the expert figures, were engaged on a contractual basis for a number of projects.

31. African countries are becoming increasingly aware of the benefits of regional co-operation in the development of their industries. Certain countries which developed their industrial output with insufficient regard to market demand are now facing difficult problems. As a result there were strong indications in 1969 that African countries were giving more attention to the problem of absorptive capacity of their immediate economic regions. Following similar trends in other parts of the world, a number of African countries have set up, or are in the process of establishing, regional groupings with related common market arrangements. UNIDO is providing support to such schemes through its technical assistance programme. Mention can be made in this connexion of the Centre of Industrial Studies for the Maghreb (a Special Fund project executed by UNIDO), assistance to the Common Afro-Malagasy Organization (OCAM), assistance to the East African Community and to the East African Development Bank. The identification of neighbouring markets is essential for land-locked African countries. The cost of manufactured goods for export in countries that are separated from the nearest harbour by long distances and lack modern roads, railways or waterways, is incomparably higher than the cost of such goods in industrial centres located near a sea route.

32. In the course of 1969, UNIDO was able to follow up promising UNDP/TA projects and to assist governments and industry in promotion of external financing for promising enterprises. At the Meeting to Promote Specific Industrial Projects in African Countries, held in Rabat, participants submitted a large number of projects for financing. For some of these projects, UNIDO had prepared feasibility studies.

33. The maintenance and repair campaign of UNIDO has succeeded in identifying areas of need in a number of countries. Two UNDP/SF projects are being prepared for implementation in 1970 in West Africa. Other requests in this field have been received under UNDP/TA and SIS, to be implemented in 1970 and 1971.

34. In order to convert SIS short-term missions into long-term services in the field of maintenance and repair and other industrial projects, one North African country has established a trust fund which will enable UNIDO to extend posts for longer periods if required.

35. Closer relations were developed with ECA. Representatives of UNIDO and ECA met during the year to co-ordinate their activities along the lines envisaged in the Principles and Procedures of Co-operation between ECA and UNIDO (ID/B/55, Annex III). Five regional advisers financed from the Regular Programme of UNIDO are attached to ECA and work in connexion with project evaluation, iron and steel, chemical industries and small-scale industries.

36. Closer co-operation with governments in the region has been developed through UNIDO field advisers in various subregions of Africa. It is expected that eight field advisers will be serving these subregions in 1970, as compared to three in 1969. During 1971, the number of advisers posted in Africa is expected to increase to ten. In addition, the seminars on UNIDO operations, organized at headquarters under the Swiss Government contribution, were helpful to government officials engaged in technical assistance. These seminars offered officials the opportunity of becoming more closely acquainted with the operations of UNIDO, the development of sound requests for technical assistance, and future planning of activities in the countries of the region as a whole.

The Americas

37. Differences in the degree of industrialization among the countries of Latin America account for the varying levels of technical assistance. However, some definite trends can be identified as regards the fields where assistance is most needed.

38. There has been an increasing awareness of the benefits to be derived from co-operation between member countries of the region and between certain subregions. This has resulted in the constitution of a certain number of regional groupings such as the Caribbean Free Trade Association (CARIFTA), the Central American economic integration scheme, the recently formed Andean Group (Bolivia, Chile, Columbia, Ecuador and Peru), and the Latin American Free Trade Association (LAFTA).

39. UNIDO is promoting regional and subregional co-operation by extending assistance in a number of fields. The CARIFTA countries received assistance in evaluating the possibilities of establishing industrial plants and in ascertaining their optimum geographical distribution. A joint UNIDO/ECLA mission

in the fields of food, textiles, pulp and paper, chemicals, general planning and industrial estates has presented its report for the consideration of the CARIFTA Council of Ministers, which is expected to define areas of future assistance. UNIDO is also assisting the Permanent Secretariat of the General Treaty on Central American Economic Integration (SIECA) in petrochemicals and assembly plants.

40. Many of the regional and subregional problems were discussed at a seminar on UNIDO operations for government officials from Spanish-speaking countries which took place in Vienna in 1969. The main objective of the seminar was to enable senior civil servants from these countries, working in the fields of national development, foreign aid and industrialization, to gain a knowledge of the functions and activities of UNIDO as well as of the procedures involved in planning and executing technical assistance programmes.

41. During 1969, UNIDO technical assistance in the area, under all programmes, extended to some 30 countries and amounted to about \$1.5 million. Some 190 expert and consultant posts were established in 1969 as compared to 105 in 1968, reflecting the increasing importance of UNIDO assistance.

42. Four UNDP/SF projects, representing an allocation of about \$2.5 million, were operational in 1969. Additional projects are in preparation and it is expected that at least three of these projects will become operational in 1970. In some of the larger countries, UNDP/SF projects are envisaged as a means of developing areas that have not kept pace with the industrialization of the country as a whole. Argentina, for example, has introduced a request for the multiple-purpose development of the Northwest (NOA) while Brazil plans to develop job-creating industries in the small and medium ranges of the Northeast.

43. The Regular Programme of UNIDO for the Americas, including country and regional projects, amounted in 1969 to \$236,300, against \$118,235 in 1968. The value planned for 1970 and 1971 is approximately the same as for 1969. The major portion of the funds under this programme was used to finance eight regional advisers outposted to ECLA, while the remainder was used for fellowship programmes. The response to the latter was disappointing, however, as only eight nominations were received for the 28 approved fellowship posts

amounting to 147 man/months. It is expected that, in the future, particularly through closer linking of the fellowship programme to other fields of UNIDO assistance, the countries participating will take greater advantage of this programme. In this connexion, account should be taken of the fact that Latin America benefits from the training of fellows through bilateral sources of assistance, mainly those in the United States of America. Under the UNDP/TA component, 38 expert posts were requested by a limited number of countries, and in some countries the 1969 UNDP/TA programme was almost non-existent. It is expected that in 1970 the Latin American countries will wish to take greater advantage of this programme.

44. The SIS programme has been of particular significance to the countries of the region. During 1969, in response to the increasing demand for highly specialized short-term experts, the number of requests under SIS showed a significant rise. As there is no cut-off date for the use of SIS funds, it is difficult to provide precise implementation figures for any given period; it will be noted however that approximately \$550,000 were allocated for SIS projects in Latin America for 1969 as compared to \$390,000 in 1968, but it is expected that the number of SIS projects will be substantially higher in 1970 and 1971. About 100 expert and consultant posts were established during 1969, as compared to 35 during the preceding year, and approximately 150 expert posts will be established in 1970. It is a matter of concern that the requirement of a good knowledge of Spanish considerably limits the recruitment possibilities of high-level experts.

45. Surveys of the assistance needs in repair and maintenance were carried out in two countries by an international consulting firm on behalf of UNIDO, and it is expected that as a result of these surveys, a number of UNDP/SF projects will be established. Additional surveys under the SIS programme are expected to be carried out in the field of agricultural machinery and equipment, for which several countries have indicated strong interest. A UNIDO/SIS country survey mission, comprising experts in the fields of programming, engineering and marketing, was sent to Latin America in the course of 1969. The mission prepared several studies and draft requests for future UNDP/SF projects. Similar survey missions are planned for 1970 and 1971 for a number of other countries.

46. Three UNIDO field advisers were stationed in the region in 1969 and three additional advisers will be appointed in 1970. These six advisers will be posted, subject to UNDP approval, in the following areas: Mexico (Mexico City); Trinidad and Tobago (Port of Spain); San Salvador (El Salvador); Chile (Santiago); Brazil (Rio de Janeiro); and Colombia (Bogotá).

Asia and the Far East

47. The technical assistance provided to countries in Asia during 1969 extended over the entire range of the industrialization process. Areas of assistance included the steel, electrical, chemical and fertilizer industries and light industries, such as food, ceramics, metals, pulp and paper. There was also great demand for assistance in various aspects of management, such as organization and lay-out of plants, evaluation of tender bids, development of criteria for location of industries and formulation of policies with regard to specific industries. Another noteworthy trend was the desire of some countries for assistance to survey and develop key industries in which they enjoy natural economic advantages, for example, rice, jute, kenaf, textiles, leather and wood-based industries. In some of these cases, short-term assistance was followed by preparation of requests for longer term assistance through UNDP/SF.

48. Twenty-two countries in Asia received assistance in 1969; 211 approved projects, with a value of about \$2.5 million, were under implementation by December 1969 as compared to 188 for the corresponding period in 1968. In addition, there were about 125 new projects in various stages of preparation. The 1969 projects involved 296 experts. The number of UNDP/SF projects increased from five in 1968 to eight in 1969; three additional projects for this region are expected to be approved by the Governing Council of UNDP at its session in January 1970. In addition, for the region as a whole, 75 fellowship posts were established in 1969 under the various programmes; by September 1969, 34 nominations had been received. For 1970, 69 fellowship posts have been approved.

49. The problems of recruitment continued to impede the implementation of the programme and its growth, although the recruitment of certain categories of experts, including all SIS experts (for which UNIDO took over the responsibility in January 1969) was accelerated.

50. Based on the trends observed during 1969, the following extrapolation of the development of the programme can be made for 1971 and 1972:

- (a) Inquiries and requests for assistance, which increased during 1969, are expected to gain further momentum during the next two years. Requests are also expected to cover a more diversified range of assistance and involve expertise of an increasingly sophisticated nature;
- (b) The number of projects for the development of key industries and for the strengthening of existing institutions is expected to increase considerably as a result of the surveys completed by UNIDO in 1969 such as studies by the joint UNDP/UNIDO/ECAFE/ITC mission for promotion of export industries (in six countries) and the survey of the ECAFE/UNIDO fact-finding mission on industries manufacturing agricultural machinery (in twelve countries of the ECAFE region). Although some requests for follow-up action have already been received, it is expected that the results of the surveys will be translated into projects mainly during 1970.
- (c) The number of UNDP/SF projects is likely to increase from eight in 1969 to thirteen in 1970 and to twenty in 1971. The UNDP/TA component is expected to increase by 10 to 15 per cent above the 1969 level. Although the results of the long-range country programming exercises, currently being carried out, are as yet unknown, they are expected to give further impetus to the programme by 1971.

51. The preparation of long-range country programmes began in the third quarter of 1969 for a few selected countries in the region. Three more missions are expected to be completed during the first quarter of 1970.

52. As several countries have indicated particular interest in training, especially in-plant training, of local artisans in various industrial fields, this area of assistance is expected to increase in scope during the coming years. Another area of increasing interest is industrial investment promotion. A regional meeting to promote specific industrial projects will be held in Tokyo in 1970, within the framework of the Second Asian Conference on Industrialisation, in co-operation with ECAFE and the Asian Development Bank.

53. Co-operation with ECAFE and other regional bodies concerned with the economic development of Asia was further strengthened during the period under review. An agreement on co-operation, concluded between UNIDO and ECAFE in July 1969, provides in particular for greater harmonisation of the work programmes of the two organisations and for promoting full utilisation of their resources in the ECAFE region. UNIDO will also be participating in two major ECAFE activities in 1970, the Asian Industrial Survey in the South East Asian

countries and, as indicated above, the Second Asian Conference on Industrialization in Tokyo. Preliminary work has begun on two important regional projects, namely the Asian Institute of Management and the Asian Institute of Iron and Steel. A number of other programmes are being jointly developed.

54. UNIDO co-operated with regional intergovernmental organisations such as the Mekong River Basin Committee and the Regional Co-operation for Development (RCD) between Iran, Pakistan and Turkey, as well as with the Asian Productivity Organization in its programme for the Asian Productivity Year 1970. The developments with regard to the formation of the Asian Coconut Community are being closely followed by UNIDO which will extend its full co-operation to the new organization.

55. During 1969, three UNIDO field advisers took up their assignments in Bangkok, Manila and New Delhi, respectively. Two additional advisers, bringing the total to five, will be posted in the region in 1970, one in Djakarta and the other in Islamabad.

Europe and the Middle East

56. The over-all volume of technical assistance in this area reached a total of \$1,560,400 in 1969. During the year, 83 experts were sent to the field and 212 fellowships were awarded. Five Special Fund projects were under implementation and six others (including two interregional in-plant training programmes) were prepared for approval by the Governing Council of UNDP at its session in January 1970.

57. As in previous years, the over-all trend in the countries of the region is towards increasing sophistication of programmes, a trend that reflects the rising level of industrialization of the countries concerned. An increasing number of countries requested highly specialized advice on problems in industrial technology, industrial planning, evaluation of industrial projects, industrial standards and licensing. As the demand for expert services becomes more specialised, the average duration of the work of experts tends to decrease. The region also accounts for the major part of the over-all fellowship programme of UNIDO, and the number of fellowships is increasing with the variety of fields of study. The host countries for trainees are in most cases the developed European countries.

58. The activities of experts and fellows cover practically all branches of industry. It is significant that during recent years requests for assistance have been increasing in industries such as ferrous and non-ferrous metallurgy, plastics and petrochemicals, basic chemicals, electronics and several others. There has also been a considerable number of requests for assistance in industrial management, particularly as regards the introduction of modern methods and techniques and of management industrial surveys and the elaboration of plans and programmes of industrial development.

59. During 1969, new fields of assistance were introduced. One was in maintenance and repair of industrial equipment, in which all countries of the region expressed interest. This covered two forms of projects: first, overall surveys of the needs for the elaboration of long-range programmes in selected countries; second, immediate assistance in repair and maintenance of certain types of equipment (e.g. small power generating plants, automotive equipment, pumps and agricultural equipment) by means of establishing mobile repair shops etc.

60. Other new programmes in the region are in the form of surveys of manufacture of agricultural machinery and implements and development of the packaging industry. With regard to the latter, a technical adviser surveyed the situation in several countries of the region and submitted recommendations for technical assistance.

61. A number of feasibility studies in petrochemicals, agricultural processing industries and iron and steel were followed up by governments and financial institutions. In some cases, this led to bilateral assistance. UNIDO experts also assisted in evaluating industrial projects and tenders for setting up various industrial enterprises and helped governments to obtain more favourable terms. In many cases, short-term assistance of qualified experts resulted in raising the quality of products and in improving technological processes and the over-all operations of factories.

62. Among the UNDP/SF projects approved or expected to be approved in January 1970, one deals with the establishment of an industrial research institute for the development of certain branches of industries. Two projects relate to centres for industrial development engaged in preparation of plans for development of industry including specific branches, and three projects deal with the development of small-scale industries and industrial estates.

63. UNIDO is also co-operating with specialized agencies in a number of UNDP/SF projects including a project for a central research and training institute for hides, skins and leather and a project on the development of forestry and forest industries, for both of which FAO is the executing agency. This co-operation extends equally to UNDP/SF projects for which UNIDO is the executing agency, such as a national centre for industrial development and an in-plant training centre for engineers; these projects are being executed in association with ILO and UNESCO. Considerable preparatory work has been done on other UNDP/SF projects, special attention being given to the establishment of pilot plants and in-plant training courses.

64. As regards regional co-operation in industry, assistance was provided to the Regional Co-operation for Development scheme (RCD), associating Turkey, Iran and Pakistan, and to certain co-operative schemes in industry such as the Standardization Association of Arab States and the Industrial Development Centre for Arab States (IDCAS).

65. The appointment of an industrial field adviser, stationed in Beirut, to act also as liaison officer and the strengthening of the industrial unit of UNESOB have contributed to increasing contacts in the field and have improved considerably the co-ordination of UNIDO and UNESOB activities in the region and the promotion of industrial projects.

66. It is to be expected that the number of requests for assistance from governments in the Middle East will continue to increase in 1970 and 1971. The requirements of the region in this respect will substantially exceed the financial resources of UNIDO, and it is hoped that financial provisions can be made for the coming years in order to meet requirements.

Industrial field advisers

67. The field adviser programme, initiated by UNIDO and UNDP in the second half of 1967, was expanded during 1969 by the posting of five additional advisers, bringing the total of filled posts up to nine against ten established posts. During 1969, Asia and the Americas were each serviced by three field

advisers, Africa by two field advisers and one headquarters staff member who covered that region on an ad hoc basis, the post having been left vacant by the withdrawal of a candidate. One field adviser was posted in the Middle East.

68. As has been mentioned in previous reports, the functions of these advisers include promotion and co-ordination of UNIDO technical assistance projects, advice to Resident Representatives and national authorities and institutions on matters relating to operational activities within the competence of UNIDO, and the maintenance of contact with the regional economic commissions and UNESOB.

69. The effective contribution made by the field advisers was noted by the Board at its third session, when the Board urged the Governing Council and the Administrator of the UNDP to provide financing for an increase in the number of field advisers commensurate with the future need of the programme (resolution 16 (III)).

70. In response to the proposal of the Executive Director for the establishment of ten additional industrial field adviser posts in 1970, the Administrator of the UNDP recommended to, and received the approval of, the Governing Council to make budgetary provisions for a total of twenty field adviser posts in 1970. Subject to UNDP approval, it is planned to post the twenty field advisers as follows: eight in Africa (Kinshasa, Addis Ababa, Abidjan, Dakar, Rabat, Lagos, Cairo and Lusaka); six in the Americas (Mexico City, Port of Spain, El Salvador, Santiago, Rio de Janeiro and Bogotà); five in Asia (New Delhi, Djakarta, Islamabad, Manila and Bangkok); and one in the Middle East (Beirut).

71. In addition to contributing to the promotion and co-ordination of UNIDO's programme of technical assistance, the field advisers, in co-operation with the Resident Representatives, were instrumental in promoting better co-ordination at the country level of the activities of the United Nations system in the field of industrial development, through direct contacts with the experts in the field. Their activities contributed to the co-ordination of UNIDO activities with those of the regional economic commissions and UNESOB. The advisers are stationed at the seats of the secretariats of the regional economic commissions and thus act also as liaison officers to these secretariats.

72. By representing UNIDO at meetings, seminars organized by the regional economic commissions and at the sessions of the commissions themselves, the field advisers have the opportunity of explaining and promoting the activities and objectives of UNIDO in the field of industrial development. During 1969, the advisers participated in more than 30 meetings in the four regions. Among the major meetings attended by the field advisers were: the OCAM meeting, Kinshasa (21-29 January); the fourth session of the Asia Industrial Development Council, Bangkok (12-18 February); the regional meetings of the UNDP Resident Representatives, Manila (9-13 February) and Santiago (3-11 March); the Afro-Asian Conference, Cairo (24-27 March); Tenth Annual Inter-American Development Bank Meeting, Guatemala (21-25 April); Fifth Interregional Seminar on Development Planning and Development Prospects for the Second Development Decade, Bangkok (15-26 September); and Third International Symposium on Regional Development, Tokyo (16-18 September).

SUPPORTING ACTIVITIES

73. The supporting activities of headquarters continued to increase in 1969 in line with the further growth of the work of UNIDO. As shown in table 3, a further increase of these activities is foreseen for 1970 and 1971; the figures under resources show an increase for these two years of 18 and 28 per cent, respectively, over each preceding year. There are some shifts in the distribution among the groups of activities, reflecting changes in emphasis of the work of UNIDO. The largest relative increase is shown in Group 13 (Industrial Policies and Financing) followed by Group 8 (Industrial Services and their Administration). As regards Group 13, the growth reflects the intensification of the work done and activities planned in the promotion of financing of industrial projects. As regards Group 8, the increase reflects the planned expansion of work in such areas as standardization and industrial promotion through participation in fairs and exhibitions. There is also some increase in the share of Group 5 (Fertilizers, Pesticides and Petrochemicals Industries) reflecting the strengthening of the activities of UNIDO in these fields.

74. The described shifts in the distribution of the supporting activities among the various groups are also reflected in the figures in table 8 of the statistical appendix. In this connexion, it should be noted that the figures of staff man/months given in the table correspond to the staff on board (1969) or to the manning tables (1970 and 1971) of the three substantive divisions. Thus in addition to the supporting activities, they include direct servicing of field operations, which accounts for a substantial share of their work.

75. The details of the supporting activities for the period 1969 to 1971 are given in the group reports (ID/B/64/Add.1-15). It may be useful at this point, however, to highlight a certain number of major areas of headquarters work. Since this work generally involves more than one group, it is possible to provide an integrated picture of the activities of UNIDO in the following areas:

- (a) Industrial inputs in agriculture;
- (b) Repair and maintenance;
- (c) Promotion activities;

- (d) In-plant training and industry branch programmes;
- (e) Activities related to the Second United Nations Development Decade;
- (f) Activities of special interest to the Board such as participation in the Second Asian Conference on Industrialization, the follow-up of the International Symposium of Industrial Development and the contribution to the United Nations Conference on Human Environment.

HIGHLIGHTS OF UNIDO ACTIVITIES

Industrial inputs in agriculture

Fertilizers

76. In its efforts to assist developing countries to establish indigenous fertilizer production facilities, UNIDO has focused attention on the use of indigenous raw materials, such as natural gas and naphtha, subject to a number of considerations that must be taken into account in deciding upon local production. These considerations include economies of scale, possibilities of regional co-operation between developing countries, the development of the local markets and the availability of infrastructure. The need was stressed for importing the active ingredients such as ammonia and phosphoric acid for the production of commercial fertilizers in countries with low local consumption. In addition, in view of the sulphur shortage, a number of studies were prepared on processes tending to avoid or reduce the use of elementary sulphur in fertilizer production.

77. In the course of 1968 and 1969, surveys of fertilizer production facilities in Africa and Asia that were made to supplement the available data identified subregions where the industry could be developed. These surveys enabled countries in these two regions to forecast the needs for fertilizers during the Second Development Decade and the capital requirements for establishing the necessary facilities. A major bottleneck in the development of the fertilizer industry continues to be the shortage of capital. Several expert group meetings, seminars and symposia recommended that international bodies such as the International Bank for Reconstruction and Development and the International Development Association provide financial help to fertilizer projects. It was felt that unless this is done, irrigation and other agricultural improvement projects, for which foreign capital is available at favourable rates, would not yield the maximum benefits.

78. In 1970 and 1971, emphasis will be placed on field projects such as pilot plants and on other projects such as assistance in drawing up tender specifications, analysis of tenders, advice on location, product mix and capacities.

79. The five UNDP/SF projects currently under execution, which deal with industrial and marketing surveys, pre-investment studies, and the establishment of demonstration and pilot plants, provide an indication of the trend of further projects to be developed in 1971 and 1972.

Pesticides

80. Along with fertilizers, pesticides are one of the important inputs in agriculture. Whereas most agricultural inputs are used to increase yields, pesticides prevent the destruction of crops and minimize the harmful effect of insects and rodents on men and animals. As pesticides are usually diluted before use, the amounts of the basic ingredients used can be quite small; therefore indigenous production of basic ingredients is justified only if exports are possible or if there is a significant indigenous consumption.

81. UNIDO is implementing two UNDP/SF projects in the pesticide sector: one on the production of pyrethrum and the other on the production of DDT.

82. A number of studies and research projects are being carried out in this sector. In 1969, pesticides development was examined at meetings in Rabat, for the ECA region, and in Tehran, for the ECAFE region, as part of fertiliser development meetings. These activities will continue with meetings for the ECLA region in Rio de Janeiro in 1970 and for the Middle East region in Beirut in 1971.

83. Studies are planned for 1970 and 1971 to investigate the availability of excess chlorine as a potential raw material for pesticides production. Within the last year, some developed countries have begun to restrict the use of chlorinated hydrocarbon pesticides for many applications, primarily those in connexion with food crops. However, these pesticides continue to be the answer for efficient pest control in certain cases, and it appears they will continue to be used in non-food applications such as cultivation of cotton. The studies will focus on the chlorinated hydrocarbon pesticides that are suitable for certain crops in specific locations, and will report on the latest developments as regards restrictions on the use of chlorinated hydrocarbons. The studies

will assess the possible impact of these restrictions on the pesticides production programmes in the developing countries. In 1970, work will begin on the preparation of a pesticides manual, following the pattern of the Fertilizer Manual (ST/CID/15), to provide up-to-date information on technology, production, use and safe handling of pesticides.

84. An Interregional Training Course for Industrial Production of Pesticides and Insecticides in Developing Countries was conducted in 1969 in collaboration with Syracuse University, New York. It was serviced by staff of the UNIDO liaison office in New York. The project will be repeated in 1970.

85. Finally, UNIDO plans to convene, in 1971, in co-operation with FAO and WHO, a workshop to formulate a long-term approach to the problem of pesticides industries in developing countries.

Agricultural machinery and implements

86. Following the recommendations of the Board at its second and third sessions, UNIDO has given priority to problems of agricultural machinery and implements in developing countries, mainly as regards the establishment of industries and the questions of design, engineering development, and adaptation. The work in this field includes pre-investment studies and formulation of long-term programmes. Other areas of assistance in this field of activity are being identified.

87. The ECAFE/AIDC/UNIDO fact-finding team on industries manufacturing agricultural machinery finalized in 1969 the results of its study mission in twelve countries of the ECAFE region. The farm machinery sector of this region was surveyed for the first time, and areas requiring technical assistance have been identified in various countries.

88. Following the completion of the above survey, an Expert Group Meeting on Agricultural Machinery Industry in Developing Countries was held by UNIDO in Vienna in August 1969. Forty-eight participants from 31 developing and industrialized countries attended as well as representatives of ECAFE, ECE, FAO and the International Commission on Agricultural Machinery. The expert group recommended a certain number of guidelines for action, and suggested that UNIDO-sponsored missions be sent to other regions to identify the needs for technical assistance.

89. In order to develop an integrated approach that would take into account the various aspects of the production problem of agricultural machinery, co-operation has been maintained at all stages between UNIDO and other United Nations agencies concerned, in particular with FAO, and with national and international professional organizations and allied institutions. Technical consultation meetings were initiated with FAO for the development of a co-operative action programme. Discussions were also initiated with the regional economic commissions and UNESOB, and contacts were established with more than 30 national agricultural engineering associations and national research and development institutions and with twenty international agricultural engineering institutions.

90. As a result of these activities, a number of areas of assistance in the agricultural machinery field were identified in 72 developing countries. Governments indicated a strong interest in assistance in some 30 projects, and there are indications that more identified project requests would be forthcoming. The projects involved deal with feasibility studies, reinforcement of design facilities, rationalization of production and establishment of production capacity.

91. In keeping with the recommendation of the expert group, two missions, including representatives of the regional bodies concerned, will visit a certain number of countries in the Middle East and in the East African Community in 1970. UNIDO will also co-operate with ECAFE in a regional feasibility study for small engines for agricultural use. In 1971, special programmes will be undertaken in five selected countries to assist them in establishing or expanding the manufacture of agricultural machinery and implements.

92. In addition to the publication of the final report in 1971 of the expert group meeting, a number of special reports will be prepared in 1970, dealing with the manufacture of various agricultural implements. In 1971, it is planned to prepare reports on substitution of imports by indigenous materials and on manufacturing techniques for other selected agricultural machinery, including studies of the economic size of plants.

Repair and maintenance

93. The problems confronting the developing countries in repair and maintenance of machinery and equipment were stressed at the second session of the Industrial Development Board, and many governments requested that priority be given to projects in this field. A number of governments have submitted requests for assistance or have such requests under preparation.

94. In the latter part of 1968, the Executive Director made a proposal to launch a long-term programme for improvement of repair and maintenance facilities in developing countries. An outline of this programme and a description of the role of UNIDO as the focal point of an international action in this field were presented to the Board at its third session.

95. The programme was brought to the attention of the governments concerned through the offices of the UNDP Resident Representatives. Fifty-one countries expressed interest in receiving assistance and in having their maintenance facilities surveyed. As a first step in this programme, survey missions were sent to twelve countries to assess the situation and to identify areas of assistance. The reports of these missions, submitted to the governments concerned, were studied by UNIDO with a view to gaining a better insight into the problem of repair and maintenance and providing help to governments in the formulation of programmes of technical assistance in that field.

96. To date, 22 requests for technical assistance have been received, of which thirteen have been approved and are under implementation. In 1970, it is expected that about five of these projects, which are now in a preliminary form of short term SIS projects, would be developed into more comprehensive projects (e.g. under UNDP/SF), and five more in 1971. Ten additional requests for initial assistance are also expected to be received in each of these two years.

97. A number of governments have expressed their willingness to make contributions to the programme in the form of either fully equipped machine shops or equipment. Discussions with some of the governments as to the most efficient utilization of these offers in supporting field projects are already at an advanced stage, and it is hoped that arrangements will be finalized in 1970. Similar arrangements with other governments are expected to be concluded in 1971.

98. Other activities under the programme are intended to meet short shortages in personnel and to make adequate technical and other information available. Altogether, four in-plant training programmes are planned for 1970. Two programmes, to be held during 1970 in Sweden and possibly in Italy, relate to maintenance planning and scheduling. Two other programmes are planned for certain industries which, according to the missions' reports referred to above, are in particular need of maintenance; these programmes are planned to be held in France and the Federal Republic of Germany.

99. An interregional symposium on repair and maintenance of equipment is planned for late 1970. It is to be attended by representatives of developing countries, experts in maintenance and repair from developed countries, various national maintenance associations and firms interested in overseas activities. In addition to the discussion of the various technical, economic, managerial and educational aspects of maintenance activities, the symposium will provide an opportunity for an exchange of views on policies, methods and techniques for improvement of repair and maintenance in developing countries. Some twenty studies and monographs on specific aspects of maintenance and repair in major industries will be prepared and published in 1970, in connexion with the symposium.

Promotion activities

100. In the course of 1969, UNIDO gave increased attention to promotion activities. The term promotion, as used in this context, refers to the activities of UNIDO in bringing together interested persons and institutions from developing countries on the demand side and their counterparts from the developed countries on the supply side as regards the various prerequisites of the industrialisation plans and programmes of the developing countries. These prerequisites include provision of finance in the form of bank credits, equipment credits, direct participation through joint ventures or any other form of investment as well as such elements as technical and managerial know-how and credit facilities. In all these cases, UNIDO seeks to establish a market where "buyers" and "sellers" from the developing countries can meet. UNIDO acts strictly as an intermediary, taking no part in the discussions that are conducted on a bilateral and even confidential basis, and is

not involved in the outcome of the negotiations which are the sole responsibility of the parties directly engaged. Every effort is made to create the best possible conditions for the establishment of an effective market. In some cases, UNIDO takes advantage of such opportunities as are offered by trade fairs, equipment fairs and exhibitions, professional gatherings of industrial engineering and management associations etc. In other cases, particularly with regard to investment promotion, the event is specially organized by UNIDO. In this case, the role of UNIDO is one of preparing and organizing the meeting, including the preparation of a portfolio of candidate investment projects from developing countries, providing the physical facilities for the bilateral discussions and servicing the meeting.

Industrial promotion services

101. These services have been initiated to give the industry of developing countries access to various international facilities provided by international fairs and related events. Through these instruments, UNIDO is adding a new function to the traditional pattern of trade fairs, which have been limited so far to a display of industrial products, equipment and machinery. Through its participation in the trade fairs, UNIDO aims at providing opportunities for contacts between representatives of developing countries and potential associates from the developed countries in various arrangements of mutual benefit. These arrangements cover a number of fields such as technical and financial assistance, provision of services and equipment and joint development of projects. Meetings of interested parties are arranged by an industrial promotion service (IPS) organized by UNIDO on an ad hoc basis at the fair or similar event, and assistance is also provided in the initiation and carrying out the negotiations. Special industry days are organized, during which meetings, discussions, lectures and conferences take place on technical and economic issues related to the industries concerned.

102. The first IPS programme was organized in Athens in December 1967 in conjunction with the International Symposium on Industrial Development. In 1969, industrial promotion services were organized at the Budapest International Fair and the Second Asian International Trade Fair in Tehran.

These services made possible the initiation of a number of special negotiations on projects of mutual interest. They also made possible the identification not only of the prospective interests in the developed countries, but also the areas in which UNIDO is in a position to provide effective assistance in training, research and expert advice, in particular the preparation and evaluation of feasibility studies.

In 1970, it is planned to organize similar promotion services in connection with several international fairs to be held in Hanover, Zagreb and Izmir. Plans for 1971 provide for the organization of promotion services at three regional fairs, namely the International Fair in Karachi (Pakistan), the Pacific Trade Fair in Lima (Peru) and the African Industrial Fair in Accra (Ghana).

Promotion of industrial financing

104. The process of industrialization requires a sustained flow of financial resources, a substantial part of which has to be of external origin, since the financing involves provision of foreign exchange which, with a few exceptions, is generally scarce in developing countries. In view of this, UNIDO has initiated a programme of promotion of external financing through a systematic development of capital markets, where the suppliers from the capital exporting countries and the buyers from the developing countries have an opportunity to clear the demand and supply of capital for specific industrial projects.

105. The activities of UNIDO cover two major areas: (a) the establishment of new investment promotion machinery and improvement of the operation of the existing machinery, including the training of nationals in techniques of investment promotion; and (b) the direct promotion of specific projects through promotion meetings, the major element of which is the preparation and updating of a portfolio of candidate investment projects.

106. The former activity consists of advising and assisting developing countries in setting up investment promotion machinery, including the drafting of statutes, the organisational structure and advising on its operation. The programme provides for services of experts and training of nationals with a view to ensuring the permanent staffing of these institutions by country nationals and enabling the local institutions to operate independently.

107. The second activity involves the establishment of an investment promotion unit at UNIDO headquarters. The function of the unit is to organize promotion meetings, in particular, to maintain a portfolio of up-to-date projects so as to provide potential investors with the necessary economic and technical information on a given project. In addition to correspondence, the preparation of this portfolio involves frequent visits by staff to industrialized and industrializing countries to develop projects and to ascertain the interest of the potential suppliers of capital and know-how. Another major function of the headquarters unit is the physical organization of the meetings, including the provision of facilities of contacts and initiation of negotiations.

108. Two investment meetings were held in 1969: one in Tunisia, which was of a national scope and limited to industrial projects in that country, and the second in Rabat, which was of a regional scope, open to all African countries and organized in co-operation with ECA and the African Development Bank.

109. Another regional meeting will be held in Africa in 1970. The same year a regional meeting will be held in Asia, in connexion with the Second Asian Conference on Industrialization, in co-operation with ECAFE and the Asian Development Bank.

110. In view of the wide interest expressed by the participants from both developed and developing countries in the promotion programme, it is expected that the activities in this area will be further expanded in 1971. Finally, it should be stressed that the promotion activities take full account of the wishes expressed by the developing countries, particularly as regards the type of foreign participation, e.g. joint ventures, direct foreign investment, equipment grade and origin of the financing funds.

In-plant training and industry branch programmes

111. For a number of years, UNIDO has been conducting in-plant training programmes for middle and top-level engineering and managerial personnel in developing countries, with a view to providing this personnel with actual plant experience. In 1969, eight group training programmes of this type were

carried out, attended by 144 fellowship holders from developing countries. Most of these programmes were in the field of metalworking, mechanical, shoe manufacturing, food processing and pulp and paper industries. Details of these programmes appear under Group 10a (ID/B/64/Add.10).

112. In 1970, fifteen in-plant training projects have been programmed at a total estimated cost of \$500,000 to be financed from different United Nations sources. These funds are expected to be supplemented by contributions, either in cash or in the form of facilities and services, by the host countries. In addition to the conventional in-plant training programmes, organized in the industrialized countries, UNIDO intends to carry out in 1970 an experimental programme in food processing in India, as India has adequate facilities for such a programme. Programmes are envisaged for subsequent years in other developing countries that have adequate facilities in other branches of industry.

113. For some time it has been the intention of UNIDO to put some of the in-plant training programmes on a more permanent basis and, at the same time, to expand the scope of these programmes in such a way that, in addition to their training function, they could become focal contact points between technical and managerial personnel of the industries concerned in developing and developed countries. Projects of this type are designated as industry branch programmes.

114. In the course of 1969, it was possible to finalise two industry branch programmes, one in the textiles industry in Poland and the other in the electric and electronic industries in the Netherlands. A special formula has been devised for the organization and financing of these projects. The formula represents a triangular arrangement between a given enterprise in a developed country, the government of the country concerned, and the United Nations, including the UNDP. The project takes the form of a UNDP/SF project of a duration of three years, jointly financed by the government concerned and UNDP, UNIDO acting as the executing agency. Similar projects in the field of training for repair and maintenance are under discussion with the Government of Italy and the Government of the Federal Republic of Germany.

Activities related to the Second
United Nations Development Decade

115. The contribution of UNIDO to the Second United Nations Development Decade is being developed along the lines set out by the Industrial Development Board at its third session (resolution 24 (III)). With regard to the international development strategy for the 1970s, the work of UNIDO will conform to the guidelines set forth in ECOSOC resolution 1447 (XLVII) under which it was considered that the strategy for the Decade should consist, in principle, of the specification of objectives, policy measures designed to fulfil these objectives, and a review and appraisal of both the objectives and the policies.

116. The preliminary contribution of UNIDO to the Decade and the orientation of the future programme of action of UNIDIO were indicated by the Executive Director in his statement to the Preparatory Committee for the Second United Nations Development Decade (fourth session).^{1/} UNIDO proposes to link its economic projections related to the industrial sector with the general model being developed by the United Nations Headquarters. The objective is to develop, by appropriate econometric methods, sectoral targets for industry consistent with the over-all targets of the Decade. An assessment is being made on a pragmatic basis of the perspectives of development of individual industrial sectors in the 1970s in various countries and regions. For each sector account will be taken of: past trends and problems; conditions of demand; existing and planned projects; and factors related to technology, transport, economies of scale and input affecting future development and location of industry.

117. Parallel to this, work will be carried out on the country level through co-operation, upon request, with individual countries which should lead to the formulation of a strategy for industrialization to assist governments in the setting up of an adequate system of implementation and follow-up for the achievement of the targets set for the Decade. The work at the country level will take into account the need for regional or subregional economic integration. Close co-operation will be maintained in this respect with the work of the regional economic commissions and UNESOB.

^{1/} Document A/AC.141/L.8.

118. The findings of the work at the sectoral and country levels may raise certain industrialization problems of a general nature, some of which have already been referred to by the Industrial Development Board. Among these may be mentioned the problem of increasing the share of developing countries in the world markets for industrial products; the relationship between industrialization and agriculture; the relationship between industrialization and employment; the relative role of small and large-scale industries; and problems concerning the less developed among the developing countries. UNIDO is studying some of these structural problems, with particular attention to the type of industrial policies on the international, regional and national levels that would be most conducive towards the implementation of the targets of the Decade.

119. At all stages of its work, UNIDO is maintaining close contacts and co-operation with the regional economic commissions, UNESOB and the specialised agencies concerned so as to ensure a harmonization of the various programmes and effective use of the resources available to the United Nations family.

1969 activities

120. In 1969 the contribution of UNIDO to general United Nations activities consisted of:

Presentation of UNIDO programme by the Executive Director to the Preparatory Committee and ECOSOC;

Participation in meetings of the Preparatory Committee and of the ACC subcommittee;

Preparation of projections for industrial sectors to be integrated in CDPPP general projections when these are available.

121. At the country level, a circular letter was addressed to all developing countries containing the outline of the programme of UNIDO and offering co-operation along the lines described above. Various countries expressed interest, and preparatory missions composed of staff members and consultants were sent out to five countries. It is hoped that these activities will lead to the establishment of a long-term programme in this area. At the sectoral level studies were undertaken for five industrial branches.

Programme for 1970

122. UNIDO will continue its contribution to the over-all programme of the Second Decade, which it is hoped will be finalized during 1970, particularly as regards the global targets, by the Committee for Development Planning and the Preparatory Committee.

123. UNIDO will also co-operate with various other United Nations programmes related to the Decade, such as the Second Asian Conference on Industrialization, organized by ECAFE, to take place in Tokyo in September 1970, and the Conference on Prospects for African Industrialization during the Second Development Decade, to be held jointly with ECA late in 1970.

124. At the sectoral level, additional studies will be carried out as indicated in the programme of work for 1970 (ID/B/44, para. 466-468). At the country level, the programme will be developed, according to requests received from governments, in the form of missions, following the necessary preparatory work at headquarters.

Programme for 1971

125. In 1971, work will be continued along the same lines, with more emphasis being put on the establishment of systems of implementation and follow-up in those countries in which work has been carried out in 1970. UNIDO will also be ready to contribute to any machinery for implementation and follow-up that may have been established by the central planning body for the United Nations family as a whole. UNIDO experts in the fields, as well as field advisers, could be integrated into such activities.

126. At the country level, more country programmes will be initiated, and at the sectoral level, the programme will be carried out as indicated in document ID/B/64/Add.15 (15b - Individual Sectoral Studies, pp.14-20).

Other work

Participation in the Second Asian Conference on Industrialization

127. In 1970, UNIDO will participate in the Second Asian Conference on Industrialization which is being organized by ECAFE and which will take place in Tokyo in September of that year. This meeting is a follow-up of the first

ference, convened in 1965 by the ECAFE secretariat in collaboration with the Centre for Industrial Development, the predecessor body of UNIDO, within the frame of regional symposia organized in connexion with the International Symposium for Industrial Development held in Athens in 1967. The Second Asian Conference will be devoted to a review of the progress of industrialization and the problems and policies relating to industrial development in the ECAFE region. The participation of UNIDO covers a number of points on the agenda of the Conference; in particular UNIDO will prepare a review of the progress achieved in implementing various recommendations of the Athens Symposium as regards countries of the ECAFE region.

122. In connexion with this Conference, an industrial promotion service will be organized simultaneously in Tokyo, sponsored by UNIDO, ECAFE and the Asian Development Bank. As in the case of similar events previously organized by UNIDO, the Tokyo promotion meeting will bring together countries in the region and potential financial interests to discuss the financing of specific industrial projects. Negotiations are proceeding with the Japanese Government to provide the physical facilities for this meeting.

Follow-up of the International Symposium on Industrial Development

123. The proceedings of the International Symposium on Industrial Development held in Athens in November and December 1967 will be published in the form of monographs. The preparation of the symposium monographs for publication, begun in 1968, was completed in 1969. The monographs, which are self-contained documents, were prepared on the basis of documentation submitted to, and discussed at, the Athens Symposium and other relevant information on the subjects reviewed. Twenty-one monographs, each dealing with a particular substantive sub-item of the agenda of the Athens Symposium, will be published in late 1969 and early 1970.

124. The monographs fall into four main groupings. Monographs 1 to 9 relate to the situation, problems and prospects of main industrial sectors; monographs 10 to 15 to institutional aspects of industrialization; monographs 16 to 20 to policies and measures of industrialization in developing countries and international aspects of industrial development; monograph 21 relates to technical co-operation.

131. The titles of the monographs are as follows:

1. Non-ferrous metals industry
2. Construction industry
3. Building materials industry
4. Engineering industry
5. Iron and steel industry
6. Fertilizer industry
7. Textile industry
8. Chemical industry
9. Food-processing industry
10. Industrial research
11. Small-scale industry
12. Standardization
13. Industrial information
14. Manpower for industry
15. Administrative machinery
16. Domestic and external financing
17. Industrial planning
18. Regional co-operation in industry
19. Promotion of export-oriented industries
20. General issues of industrial policy
21. Technical co-operation in industry

Contribution to United Nations Conference on Human Environment

132. The increasing concern with environmental problems arising from poor integration of modern technology, explosive demographic growth, unplanned expansion of urban areas and other factors adversely affecting human environment led the Economic and Social Council at its forty-seventh session to recommend to the General Assembly (24th session) that it accept the invitation of the Swedish Government to hold a United Nations Conference on the Human Environment in Stockholm in 1972.^{2/} A resolution to that effect was adopted by the General Assembly on 15 December 1969 (resolution 2581 (XXIV)).

^{2/} ECOSOC resolution 1448 (XLVII) of 6 August 1969; see also General Assembly resolution 2398 (XXIII) of 3 December 1968.

133. The basic purpose of this conference, in which all States Members of the United Nations and members of the specialized agencies and the International Atomic Energy Agency are invited to participate, is to focus the attention of governments and of public opinion on the environmental crisis. To quote ECOSOC resolution 1448 (XLVII), the conference is "to serve as a practical means to encourage, and to provide guidelines for, action by Governments and international organizations designed to protect and improve the human environment, and to remedy and prevent its impairment, by means of international co-operation, bearing in mind the particular importance of enabling developing countries to forestall the occurrence of such problems".

134. Although the problems of human environment take different forms and result from the action and interaction of many factors, the influence of industrial development on human environment is particularly significant. The history of the industrialized nations has proved that the deterioration of human environment increases in direct relation to the spread of modern technology. The experience of these countries shows that the problem of human environment tends to be overlooked in the process of industrial development. It is therefore particularly important for developing countries which have recently entered an era of rapid industrialization to make every effort to prevent the deterioration of their environment and the destruction of their natural resources. Efforts to counteract the undesirable consequences of industrialization need not be a hindrance to economic and social development. On the contrary, they are a prerequisite for full utilization of resources and uninhibited growth of the economic and industrial potential.

135. The contribution of UNIDO to the conference would place emphasis on measures designed to prevent the undesirable environmental effects of industrialization; these measures would be reviewed in the context of the industrial legislation and appropriate institutional arrangements. In this connexion, review of actual practice of some of the developing countries in this field might be of particular relevance to other countries concerned. Such an analysis would also indicate measures that should be taken in countries at different levels of industrial development.

136. Another element of the contribution of UNIDO to the conference would consist in a review of existing technical devices geared to avoid or reduce the harmful effects of industrialization on human environment. UNIDO proposes to concentrate its study on certain industrial branches of particular importance to the subject, such as metallurgy, chemicals, pulp and paper and textile industries. The problems of appropriate location and selection of plant sites is another aspect of the proposed review.

137. While recognizing the similarity of environmental problems in various countries at similar levels of industrial development, UNIDO does not intend to recommend a uniform approach to the possible solutions that would ignore the diversity in prevailing conditions among countries. For that purpose, case studies that would be undertaken in connexion with the review would provide the material to illustrate the diversity of the conditions and the solutions that might be recommended.

ACTIVITIES RELATING TO CO-ORDINATION OF THE WORK IN THE FIELD OF
INDUSTRIAL DEVELOPMENT OF THE UNITED NATIONS FAMILY OF ORGANIZATIONS

Co-operation with specialized agencies and regional economic commissions

138. The efforts towards achieving co-ordination of activities and co-operation in the industrial field with the specialized agencies, the International Atomic Energy Agency and the regional economic commissions, which resulted in 1968 in a certain number of agreements with some of these organizations, were further expanded during 1969.

139. Following extensive discussions with FAO, an agreement was reached between the heads of the organizations setting out guidelines for co-operation in the field of industrial development, respective responsibilities in areas of common interest and the various areas offering opportunities for co-operation. The inter-secretariat machinery for implementation, which has been established under the agreement, is already in operation. The text of the agreement is submitted to the Industrial Development Board in accordance with resolutions 4(II) and 14(III) of the second and third sessions of the Board (see document ID/B/65, annex I). Co-operation with ILO under the agreement concluded in 1968 was

further expanded during 1969. Close working contacts were maintained between the secretariats of the two organizations not only through the inter-secretariat machinery but also on the working levels, leading to an increasing number of projects initiated and being implemented jointly by UNIDA and ILO. Close co-operation continued with UNH in fields of common interest, both as regards supporting and operational activities; and with UNESCO, particularly in the preparatory work for the organization of the International Education Year in 1970, which is being carried out by UNESCO in collaboration with the other organizations of the United Nations family. In this context, UNIDA made a special effort to encourage governments of developing countries to establish training programmes for national technical personnel. The contribution of UNIDA also included the preparation of a study on industrial training in which emphasis was given to in-plant group training programmes for engineers from developing countries.

140. Following the conclusion of agreements between UNIDO and ECA, ECE, ECLA and UNESOB, of which the Board was informed at its third session, an agreement on principles and procedures of co-operation was concluded between UNIDO and ECAFE in July 1969 which completed the UNIDO network of regional agreements in the field of industry (see document ID/B/65, annex II). These agreements provide for the fullest co-operation in the field of industry, including harmonization of programmes and joint implementation of projects. The arrangements with ECAFE provide, in particular, for the promotion of full utilization of the resources of both organizations at the country and regional levels; for strengthening the contacts with the industrial field advisers of UNIDO; for co-operation with the Asian Industrial Development Council and other regional bodies and subregional groupings.

141. The relationship between UNIDO and the regional economic commissions and UNESOB has been further strengthened during the year. Representatives of the regional economic commissions and UNESOB visited Vienna in November 1969, at the invitation of the Executive Director of UNIDO, for an exchange of views on co-ordination of programmes and activities, including co-operation in field projects in the regions. It is intended to continue these meetings on an annual basis as an effective instrument of co-ordination and harmonization of

programmes and activities. This should lead ultimately to a unified programme of action in the field of industry which would utilize to the fullest extent the available resources of the organizations concerned.

142. In addition, the industrial field advisers located at the seats of the regional economic commissions and UNIDO (Santiago, Bangkok, Addis Ababa and Beirut) contributed effectively to the action of liaison and co-ordination with the respective secretariats.

Relations with intergovernmental and international non-governmental organizations

143. Relations between UNIDO and the ten intergovernmental and sixteen international non-governmental organizations having consultative status with UNIDO were further developed in 1969. Since the last session of the Board, a number of applications have been received from intergovernmental and international non-governmental organizations to be granted consultative status with UNIDO. These requests are submitted to the Board for its consideration in accordance with rules 75 and 76 of the rules of procedure of the Industrial Development Board (ID/B/73 and Add.1).

144. In accordance with the decision taken by the Board during its second session, the secretariat has pursued its efforts in 1969 to strengthen further the co-operation between UNIDO and the international non-governmental organizations on issues of mutual interest. A comprehensive account of the work accomplished in 1969 and, more generally, of the relations between UNIDO and the intergovernmental organizations, is contained in document ID/B/69 on the role of UNIDO in co-ordination of activities in industrial development.

National Committees

145. Since the last session of the Board, eight additional member States have informed the secretariat that they have established National Committees for UNIDO or assigned the functions of a national committee to an existing organ, in accordance with the recommendation adopted by the International Symposium on International Development held in Athens in 1967. Communications to that

reports were received from: Burundi, Dominican Republic, Norway, Finland, Republic of Korea, Upper Volta, Union of Soviet Socialist Republics and Yugoslavia. This brings the number of National Committees for UNIDO to 36.

146. In the course of the year, contacts were maintained with these Committees which were kept informed of the activities of UNIDO. A number of proposals and suggestions for strengthening the co-operation with the National Committees and assisting them in the exercise of their statutory functions are contained in document IB/E/65. It is hoped that, in the course of future years, National Committees will be established by other member States so as to widen the network of institutional links with the field. UNIDO also intends to pursue its efforts in strengthening the relations with the National Committees so as to establish a two-way flow of communications, information and advice in order to enable the National Committees to carry out the functions with which they were entrusted.

OTHER ACTIVITIES

Public Information Service

147. The Public Information Service of UNIDO does not regard its functions as being confined to reporting and interpreting the activities of the organization to the general public, though this is necessarily an important part of its work. It seeks also to serve the cause of industrial development by using mass communications media to enlist the support of all sectors in the developed countries and the active involvement of the developing ones and, in addition, to foster local acceptance of social and economic changes on which the ultimate success of a project sometimes depends.

Reporting on the activities of UNIDO

148. In 1969, as in the previous year, an important part of the work of the Public Information Service was to report on the day-to-day activities of the organization. This function included press, radio, television and film coverage of conferences, seminars and working groups, as well as of the progress of work of experts and projects in the field. Coverage was also given to

developments of direct or indirect interest to UNIDO, such as the Pledging Conference, debates in the Industrial Development Board, in ECOBOD and the General Assembly, the Pearson Report, the Jackson Capacity Study and new publications.

149. It soon became apparent that, to be successful, the task of reporting would require more careful preparation and more selective distribution of material than are normally involved in the straightforward reporting of United Nations political news, which by its very nature gains reader access to press, radio and the visual media. A special effort has therefore been made to multiply the potential of the Service's limited manpower and resources by concentrating on key policy-makers and redisseminators: parliamentarians and trade union leaders; teachers and analysts; economic writers and broadcasters; non-governmental organizations; and the business and industrial sectors. To this end, mailing lists are constantly being revised, streamlined and expanded, in consultation with the substantive divisions of UNIDO, the network of United Nations Information Centres, the UNDP, and the information services of other organizations of the United Nations system concerned with industrial development. Concurrently, the Public Information Service responds daily to a large and growing volume of enquiries on various aspects of the work of UNIDO.

Stimulating interest in the work of UNIDO

150. To supplement the day-to-day coverage and handling of inquiries, the Public Information Service seeks to stimulate the interest in the work of the organization on the part of policy-makers and redisseminators.

151. One of the most productive methods attempted so far has been the press tour, in which selected journalists and broadcasters in the major aid-giving countries are invited to make an on-the-spot study of the development efforts of a given country or region and of the role played in those efforts by bilateral and multi-lateral aid. There is no doubt that the impact of the Investment Promotion Conference for Tunisian Industry in May 1969 was enhanced by the presence of seven prominent economic writers whose visit was sponsored by the Centre for Economic and Social Information of the United Nations Office of Public Information.

152. Similar tours or missions in which a writer-photographer team is sent to various to gather feature material on a number of projects have been organized on a cost-sharing basis with other members of the United Nations family, notably UNCTAD, UNESCO and IAEA, under the aegis of the UNDP. The co-operation received from other agencies and the yield obtained from a relatively small outlay should be noted here.

153. The multiplier technique can also be used to advantage through participation in productions (e.g. documentary films) financed and distributed by governmental or commercial enterprises. Source material and guidance have already been provided for a half-hour television film for schools on the work of UNIDO. The Public Information Service is working closely with the Austrian authorities on a film sequence describing the headquarters and field activities of UNIDO, to be incorporated in a film on Vienna as an international city which the Austrian authorities plan to produce and distribute in connexion with the twenty-fifth anniversary of the founding of the United Nations.

154. In the educational world, wide and potentially influential audiences can be reached by encouraging teaching about the United Nations in schools and colleges, by sponsoring panel discussions on the theme of industrial development and by providing lecturers and background material.

155. Because of the nature of the activities of UNIDO, it is of utmost importance to enlist the support and active co-operation of the business and industrial sectors. The success of the investment promotion programme is witness to this, and the Public Information Service is making a special effort to keep these sectors informed of the organization's varied and expanding activities. Response has been more than encouraging. Preliminary contacts have been made with a view to obtaining assistance from the business community in the production and dissemination of information on the work of UNIDO, including such substantive areas as training films.

Information as an integral part of development

156. The Public Information Service is engaged in a special effort to use mass communication techniques and materials as an effective tool of development.

At headquarters

157. Basic background kits on the United Nations in general and UNIDO in particular are supplied to trainees, fellowship holders and seminar participants; where required, these are followed up by special briefings. It is hoped that, in the near future, when adequate facilities are available, these briefings could be supplemented by periodic screenings of United Nations and other films of interest.

158. The Public Information Service co-operates with the substantive divisions in preparing articles and reports for specialized technical publications on such subjects as food processing, fertilizers and insecticides, and developments in the field of rubber and plastics, to list some of the topics dealt with in 1969.

159. General information material and photographic displays are provided for use in conjunction with the industrial promotion service organized at trade fairs, such as those at Budapest and Tehran held in 1969.

In the field

160. At the project level, the Public Information Service works closely with the Technical Co-operation Division and the UNDP in using information techniques and materials to increase the impact and effectiveness of a project, or to mobilise the co-operation of the community it is designed to serve. An example of this approach is a film now being produced on the work of the Institute for Technological Research in Bogotá, Colombia, a UNDP/SF project for which UNIDO is executing agency. The purpose of the film is to stimulate the use of the applied research facilities of the Institute, promote the establishment of extension services in other parts of the region, and pave the way for local investment in new industrial products and processes. Similar development support information activities, under the sponsorship of the UNDP, are under consideration in Africa and Asia.

Long-range plans and problems

161. In recent years there has been a growing awareness of the part that public information can play in interpreting and reinforcing development efforts.

This is reflected in General Assembly resolution 2567 (XXIV) of 13 December 1969, in which stress is given to the mobilization of public opinion in support of the Second Development Decade as an essential component of the international development strategy. The resolution goes on to advocate measures to increase, improve and further co-ordinate activities designed to mobilize public and parliamentary support, in both developed and developing countries, for global development efforts. It recommends consultations among the information agencies of the United Nations family with a view to co-ordinating and focusing their activities in support of the aims of the Decade, and urges governments to establish new national bodies, or strengthen existing ones, designed to mobilize public opinion, and "to give increasing development orientation to educational curricula".

If it is true that, in the field of public information, the multiplier technique can be used to yield results much greater than the efforts deployed, it is equally true that there is constant need for innovation, reassessment and flexibility. Since one is competing for the attention of widely varied and highly solicited audiences, new approaches must constantly be tried and techniques that have proved ineffective discarded.

In this connexion it was felt that the present programmes of the Public Information Service must be substantially increased, improved and diversified. Audio-visual aids must be more extensively used, particularly at the project level; audience research must be undertaken; contacts with the business world must be intensified; visits of key media representatives both to headquarters and to the field must not only be encouraged but, on occasion, sponsored; a more purposeful attempt must be made to gain access to the world of education; international gatherings dealing with development and/or information questions should be attended. Most important of all, if optimum use is to be made of the accumulated experience and resources of the United Nations family, these activities must be carefully dovetailed with the information programmes of other United Nations agencies dealing with development problems, through continuous consultation and joint action.

It should be noted that the Board concurs with the need for such an expanded purpose of action, the present staff resources of the UNIP Public Information Service³ would have to be strengthened accordingly.

The present staffing of the Public Information Service consists of two professionals and three General Service staff.

New York Liaison Office

161. During 1969, the New York Liaison Office continued its activities at United Nations Headquarters to meet the expanding requirements of the programme of work of UNIDO. The liaison activities of the office related primarily to: coverage of intergovernmental meetings of interest to UNIDO; liaison with member States attending the meetings; contacts with other international organizations and agencies located in North America; liaison and co-ordination with the Secretariat of the United Nations, including its affiliated organizations such as UNDP, UNCTAD etc.; and discussions with industrial and research organizations as well as public agencies on matters related to the programme of UNIDO.

162. The office also carried out a number of ad hoc tasks, including the implementation of specific projects in North America. Its work, intended to supplement and service the activities and programmes of UNIDO, is fully integrated in the programme of work of UNIDO.

Coverage of meetings

163. The New York Liaison Office provided coverage of official meetings and kept the Executive Director and the professional staff at UNIDO headquarters informed on matters of direct interest to UNIDO.

164. As at previous sessions of the General Assembly, follow-up was provided at the twenty-fourth session on all items of direct concern to UNIDO as well as on questions of general policy, particularly in the development field. Among the items specifically covered so that effect during the twenty-fourth session of the General Assembly were those dealing with the report of ECOSOC, UNDP, the Second Development Decade, the operational activities of the United Nations and questions of technology, training and human environment. As in the previous year, the office carried out the preparatory and organizational work related to the second United Nations Pledging Conference on UNIDO, held on 11 November 1969 at United Nations Headquarters.

165. Sessions of the United Nations bodies covered by the New York Liaison Office during 1969 included, in addition to the twenty-fourth session of the

General Assembly, the UNDP Governing Council; the Committee for Development Planning, the Preparatory Committee for the Second United Nations Development Decade, the AOC Preparatory Committee, the sub-committees on the Development Decade, Human Resources and Education and Training; the Advisory Committee on Science and Technology; ECOSOC; and the UNDP Inter-Agency Consultative Board.

Operational activities

10. The staff of the New York Liaison Office maintained contacts with the UNDP Secretariat in matters related to ad hoc operational activities. In addition, it served as a point of contact on UNIDU technical cooperation requests for officials of member States visiting United Nations Headquarters. As in previous years, the office contributed to the recruitment of experts for field assignments under the technical assistance programmes of UNIDU. Several leading firms in food processing, petrochemicals, chemical industries, iron and steel and engineering industries were contacted for provision of short-term experts from their technical personnel. Frame agreements were concluded with some of these firms.

Relations with other organizations of the United Nations system

11. The New York Liaison Office participated in a number of activities involving relations between UNIDU and United Nations Headquarters units, such as the Secretary-General's Office, the Department of Economic and Social Affairs and the Office of the Under-Secretary for Inter-Agency Affairs. The office also participated in behalf of UNIDU in Headquarters work on co-ordination of programmes within the United Nations system as a whole.

Relations with IIRD, IFC and the Inter-American Development Bank

12. Consultations were initiated with IIRD, and will continue at the working level, in respect of possible co-operation with the periodic field missions of the IIRD and its technical assistance programmes in general. Similar consultations were carried out with the International Finance Corporation (IFC) in connection with a number of projects and studies in the industrial field.

173. A training programme in industrial investment promotion for Latin American trainees, sponsored jointly by UNIDO and the Inter-American Development Bank, was carried out in March-April 1969. Following a meeting between the President of the Inter-American Development Bank and the Executive Director of UNIDO, consultations were undertaken with the Bank on the organization of an annual staff meeting of the Inter-American Development Bank and UNIDO to review industrial development activities of interest to the two organizations. Arrangements have been made for the exchange of information, and agreement has been reached in principle on co-operation in the area of training for industrial investment promotion.

Ad hoc activities

174. In addition to its liaison functions, the office either participated in, or was responsible for, the implementation of certain projects of the 1969 UNIDO work programme.

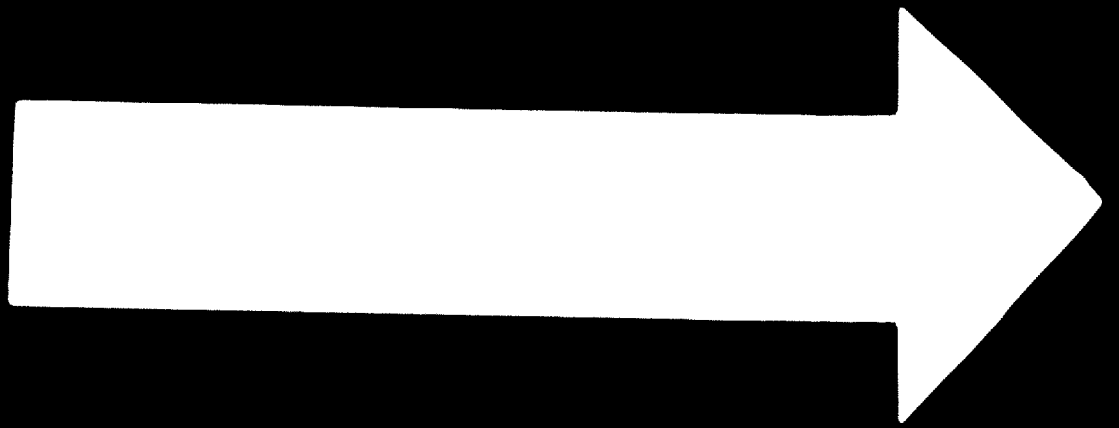
175. The UNIDO/IDB/USA Training Programme in Investment Promotion Techniques was organized in co-operation with the Department of Economic and Social Affairs and the Inter-American Development Bank. The Programme, begun in New York and concluded in Vienna on 6 June 1969, was attended by twelve participants from Latin America. In addition to lectures and group discussions, the Programme included field trips and on-the-job training in New York, Brussels and Vienna.

176. The UNIDO In-Plant Training Programme for Industrial Production of Pesticides and Insecticides in Developing Countries, organized in co-operation with the Syracuse University Research Corporation, was attended by nineteen specialists from developing countries of the various regions. The seven-weeks programme provided for lectures and practical training.

177. A two-day Symposium on Problems and Prospects of the Chemical Industries in the Developing Countries was organized by the New York Liaison Office at the United Nations in September 1969, in co-operation with the American Chemical Society.

Information on the activities of UNIDO

179. The Documentation Centre of the office supplied UNIDO documents and technical publications to member States, institutions, specialists and persons interested in the problems of industrial development. Co-operation on a continuing basis has been established with the Office of Public Information of the United Nations, particularly the Centre for Economic and Social Information (CESI), for preparation and distribution of information material on the activities of UNIDO. A number of briefings and lectures were given to various groups on the activities of UNIDO.

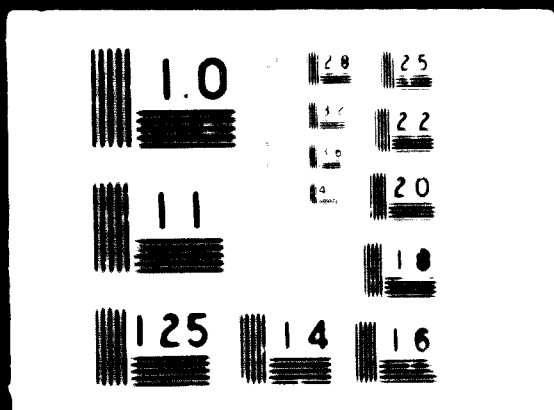


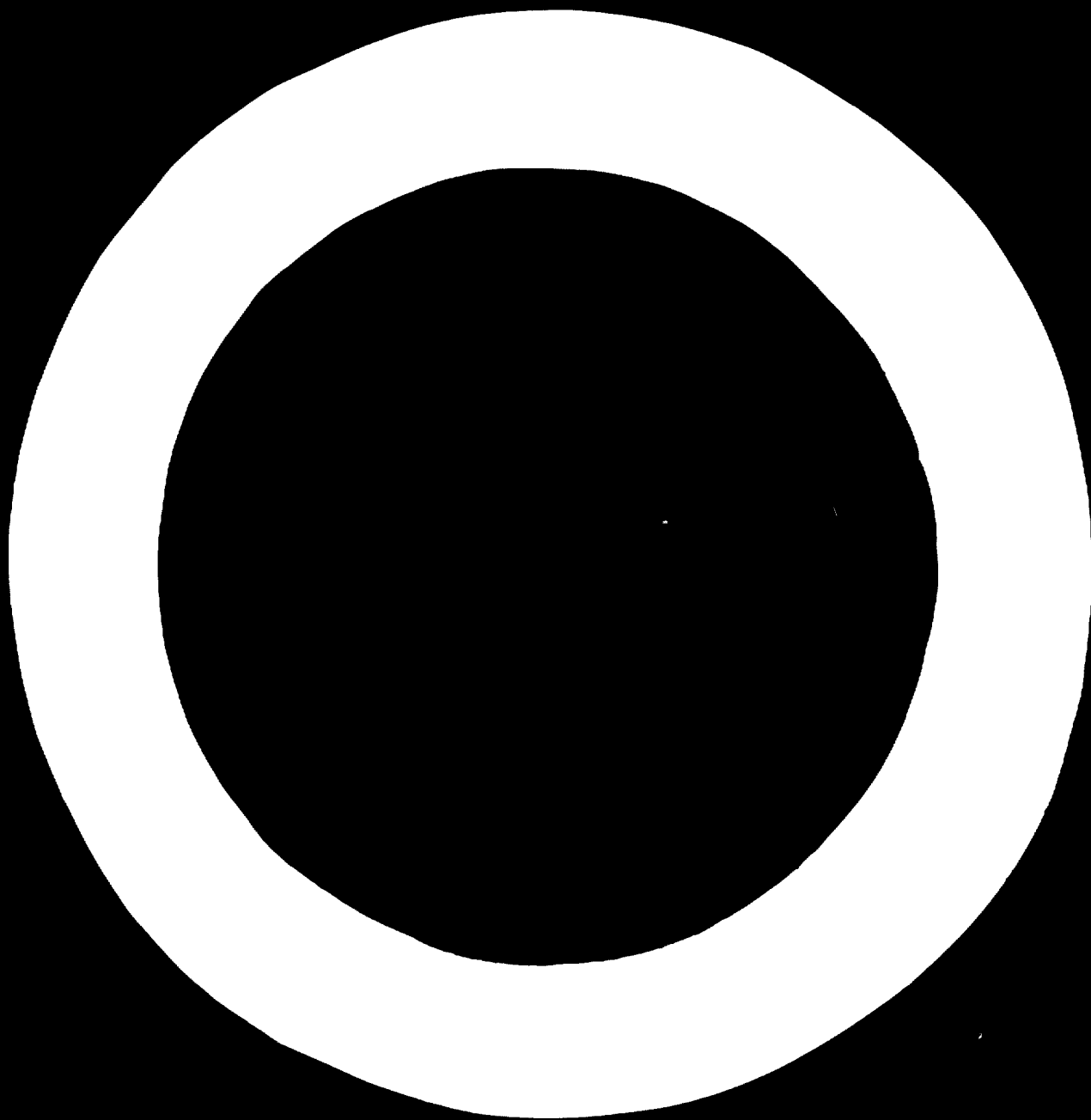
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STATISTICAL APPENDIX

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Prefatory note

179. In compliance with the views expressed by certain delegations, the statistical information provided in Part One of the reports of the previous years has been expanded this year to include additional data, requested by delegations, to provide an over-all statistical picture of the operations of UNIDO, both at headquarters and in the field. A few explanatory notes concerning the tables of this appendix are given below.

Table 1

180. This table provides a global statistical picture of all the activities of the organization for the period 1969 to 1971. The data in this table are given by three categories:

- (a) Expenditures - outlays actually incurred (these are given for obvious reasons, for the reporting year only, in this case 1969);
- (b) Requirements - the financial resources required for technical assistance on the basis of the needs expressed by the countries. Figures under this heading have been estimated on the basis of contacts with government representatives, communications from UNDP field offices and the reports of industrial field advisers and of experts in the field;
- (c) Resources - estimated by taking into consideration the characteristics and financial features for each programme, namely -

For the Regular Programme, the planning levels recommended by the Board;

For the UNDP/TA and UNDP/SF, the value of approved projects as of 30 September 1969, scheduled for implementation in that year and the value of new requests likely to be approved by UNDP for implementation in that year, bearing in mind the anticipated growth of UNDP financial resources as a whole;

For the SIS programme, the anticipated balance to be spent in 1970 and 1971 under the present Trust Fund formula, on the assumption that the voluntary contributions pledged by governments for the Trust Fund would be fully spent by the end of 1971, and the value of appropriations likely to be made available under the new UNDP Revolving Fund financing formula;

For the UNIDO General Trust Fund, anticipated value of voluntary contributions pledged and paid directly to UNIDO for the reported year.

181. As regards the sources of funds, the entry "Technical Co-operation Programme" and "Regular Budget" are self explanatory. "Overhead funds" are those that UNIDO, as participating and executing agency for technical co-operation programmes, receives from UNDP for managing the field projects. These funds are made available to UNIDO under the UNDP/SF, SIS and Funds-in-Trust projects. "Extrabudgetary sources" include the Austrian contribution for industrial information services, the Swedish contribution for industrial programming data and the allocation from Netherlands Trust Fund for development planning and projections.

Table 2

182. This is a breakdown of expenditures in 1969 and estimated resources in 1970 and 1971 by sources of funds and types of expenditure. The latter are classified in four groups: operational activities; substantive support activities; managerial and administrative support to operational activities; and general management and administrative expenses. Expenditures and estimated resources classified under "Managerial and administrative support to operational activities" comprise the cost of headquarters activities that are in direct relationship with the implementation of the field programmes. Those that appear under "General management and administrative expenses" comprise all other expenditures related to the administration and management of the secretariat that are not directly connected to operational activities.

Table 3

183. This is a breakdown of expenditures in 1969 and estimated resources for 1970 and 1971 under the heading "Managerial and administrative support to operational activities". Expenditures and resources have been distributed among the

fifteen groups of activities proportionally to the total of either operational expenditures in 1969 or resources for 1970 and 1971. Expenditures and resources under the heading "General management and administrative expenses" have been distributed among the fifteen groups in proportion to the sum of the expenditures and estimated resources for operational and supporting activities.

Tables 4, 5 and 6

184. These tables provide a three-way breakdown of the figures given in the preceding tables under the heading of "Technical co-operation activities": (a) by sources of funds and groups of activities; (b) by programmes and geographical areas; and (c) by components (experts, fellowships and other expenditures) of each individual programme.

Table 7

185. A breakdown is given of the established fellowship posts, by geographical regions of origin of the fellows and by groups of activities.

Table 8

186. This table provides information on the activities of the substantive divisions of the UNIDO secretariat financed from the Regular Budget of UNIDO, in terms of man/months of professional staff and expenditures on meetings, consultants and publications. In connexion with the data on man/months of professional staff it will be noted that the numbers of man/months given in table 8 apply to the three substantive divisions only and that these figures correspond for 1969 to the actual man/months of the staff on board and for 1970 and 1971, to the budgeted manpower. They do not correspond to the total of man/months indicated under the supporting activities of the fifteen groups described in documents ID/B/64/Add.1-15. The difference between the figures of table 8 and the total of man/months derived from the data under the individual groups is accounted for by backstopping activities, i.e. activities of the secretariat staff of direct servicing of technical assistance field projects. The distribution of the man/months by supporting and backstopping activities for 1971 is given for the three substantive divisions in the budget document (ID/B/66).

Table 1
Estimated financial requirements and resources of UNIDO, 1969 to 1971
(in millions of US dollars)

	1969		1970		1971	
	<u>Expenditure^{a/}</u>	<u>Resources</u>	<u>Requirements</u>	<u>Resources</u>	<u>Requirements</u>	<u>Resources</u>
<u>Technical co-operation programmes</u>	9.6	15.9	34.5	20.0	41.6	24.5
Regular programmes	1.5 ^{b/}	1.5	2.3 ^{c/}	1.5 ^{d/}	2.5 ^{e/}	1.5 ^{f/}
UNDP/TA	1.9	3.0 ^{g/}	12.2 ^{h/} 1/	3.5 ^{i/}	14.6 ^{j/} 1/	4.5 ^{k/}
UNDP/SF	3.2	4.6 ^{l/}	11.0 ^{m/}	8.0 ^{n/} 1/ 1/	14.5 ^{o/}	11.0 ^{p/}
SIS programmes ^{n/}	2.1	4.5 ^{q/}	(2.5 ^{r/}	(1.5 ^{s/}
(a) Trust Fund for SIS	-	-	(6.5 ^{t/}	2.0	(7.0 ^{u/}	3.0 ^{v/}
(b) UNDP Revolving Fund SIS	0.5	1.7 ^{w/}	2.0	2.0	2.5	2.5
UNIDO General Trust Funds ^{z/}	0.4	0.4	0.5	0.5	0.5	0.5
<u>Funds-in-trust</u>						
Overhead funds	0.5	0.5	1.2	1.2	1.7	1.7
Regular budget	9.4	9.4	11.2	10.4	12.6	12.6
<u>Other extrabudgetary sources</u>	0.1	0.1	0.2	0.2	0.2	0.2

- a/ Actual expenditure as at 30 September 1969 and estimated expenditure up to the end of the year.
b/ Comprises expenditure incurred in 1969 and commitments in respect of projects started in 1969 and expected to be liquidated in 1970, in conformity with applicable financial rules.

- c/ Total of country, regional and interregional requests received for inclusion in the 1970 Regular Programme as reported in document ID/B/47, para. 5, 9.
- d/ Appropriation value for 1970 programme (ID/B/47) as approved in resolution 13 (III) of the Industrial Development Board at its third session and adopted by the General Assembly.
- e/ Anticipated volume of 1971 requirements.
- f/ Planning level as approved in resolution 13 (III) of the Industrial Development Board at its third session.
- g/ Value of projects approved by UNDP for implementation in 1969.
- h/ Estimated requirements as reported in document ID/B/44, p. 17, table 2.
- i/ Including projects totalling \$2 million approved by UNDP up to 30 September 1969 for implementation in 1970.
- j/ Forecast of projects on the basis of direct contact with Government representatives, communications with UNDP field officers, UNIDO field advisers' reports and other expert and field mission reports.
- k/ Including projects totalling \$0.5 million approved by UNDP up to 30 September 1969 for implementation in 1971.
- l/ Value of allocations issued or expected to be issued by UNDP for expenditure each year.
- m/ Estimated yearly expenditure as per plans of operation (or draft plans of operation and official requests for projects under active consideration).
- n/ The detailed situation of the SIS programme is reported in document ID/B/68.
- o/ Value of projects approved by UNIDO and UNDP up to 30 June 1969 for implementation in 1969.
- p/ By the end of 1969 the accumulated total of contributions amounted to \$9.2 million. Expenditures were as follows: up to 1968 \$1.9 million, in 1969 \$2.1 million, and agency overhead costs \$1.2 million, giving a total of \$5.2 million for expenditures and leaving a balance of \$4 million for 1970 (\$2.5 million) and 1971 (\$1.5 million). It is anticipated that by the end of 1969 all this balance would be programmed.
- q/ Anticipated requirements for the SIS type of assistance in accordance with previous experience.
- r/ Estimated amount subject to discussions with, and approval by, UNDP.
- s/ Voluntary contributions to UNIDO, in conformity with General Assembly resolution 2452 (XXI), including amounts pledged at the first and second United Nations Pledging Conference on the United Nations Industrial Development Organisation and other contributions pledged previously.
- t/ Contributions received up to 30 June 1969.

Table 2
Expenditures in 1969 and estimated resources for 1970 and 1971 by sources of funds
(in thousands of US dollars)

	Regular Budget	Regular Programs	UNDP TA	UNDP SF	SIS	UNIDO General Trust Fund	Funds-in-Trust	Total
1969 (Expenditures)								
Operational activities	-	1,482.1	1,864.0	3,185.6	2,114.9	509.8	399.6	9,556.2
Substantive support activities	3,761.5	-	-	95.0	11.0	33.0	62.0	3,962.5
Managerial and administrative support to operational activities	1,060.8	-	-	171.0	220.0	-	10.0	1,461.8
General management and administrative expenses	4,609.2	-	-	37.0	52.0	-	-	4,698.2
TOTAL	9,431.5	1,482.1	1,864.0	3,498.6	2,397.9	542.8	471.8	19,678.7
1970 (Estimated resources)								
Operational activities	-	1,500.0	3,500.0	8,000.0	4,500.0	2,000.0	500.0	20,000.0
Substantive support activities	4,305.7	-	-	115.0	51.0	83.0	154.0	4,708.7
Managerial and administrative support to operational activities	1,234.3	-	-	570.0	254.0	-	17.0	2,075.3
General management and administrative expenses	4,083.0	-	-	145.0	65.0	-	4.0	5,107.0
TOTAL	10,633.0	1,500.0	3,500.0	8,830.0	4,870.0	2,083.0	675.0	31,891.0
1971 (Estimated resources)								
Operational activities	-	1,500.0	4,500.0	11,000.0	4,500.0	2,500.0	500.0	24,500.0
Substantive support activities	5,515.1	-	-	215.6	63.5	63.0	154.3	6,011.5
Managerial and administrative support to operational activities	1,368.6	-	-	757.4	223.3	-	15.1	2,364.4
General management and administrative expenses	5,714.3	-	-	282.0	83.2	-	5.6	6,085.1
TOTAL	12,598.0	1,500.0	4,500.0	12,255.0	4,870.0	2,593.0	675.0	30,961.0

a/ Gross expenditures including staff assessment credited to revenue of \$1,200,000 in 1969; \$1,500,000 in 1970; \$1,750,000 in 1971.

Table 2
Expenditures in 1969 and estimated resources for 1970 and 1971 for operational and substantive activities and substantive support activities by groups of activities a

(in thousands of US dollars)

Group	Substantive activities		Substantive support activities		Nigeria administrative support to operations activities		General management and administration		Total	
	1969	1971	1970	1971	1969	1971	1969	1971	1969	1971
1	834.1	2,015.0	272.0	290.7	127.2	271.9	304.6	600.3	614.5	1,918.4
2	408.1	917.5	104.0	145.5	76.0	95.5	232.3	319.3	404.3	1,118.8
3	148.2	408.2	53.5	77.9	26.3	51.9	76.4	101.1	102.4	174.4
4	439.9	881.0	105.5	80.3	70.1	80.2	193.4	146.6	184.4	468.8
5	1,141.6	2,417.5	327.0	247.1	174.0	251.1	510.3	550.1	674.4	2,444.1
6	973.1	4,028.7	247.1	345.3	140.1	419.2	424.4	905.1	1,193.4	5,116.4
7	12.5	141.0	90.0	12.2	1.5	14.5	39.0	52.5	52.8	174.5
8	1,177.0	1,341.0	70.2	242.9	179.0	170.0	436.2	372.4	611.2	2,116.5
9	48.5	66.4	470.0	509.1	7.3	10.4	100.5	138.0	107.7	433.4
10a	1,170.4	2,041.0	150.9	235.3	179.0	211.7	500.1	409.5	674.0	3,116.6
10b			103.0	92.2						
11	600.1	1,501.5	300.0	241.2	100.0	164.0	145.4	174.4	401.5	1,410.0
12	1,073.2	2,300.0	431.0	500.4	301.1	246.9	835.5	615.0	746.6	2,711.4
13	204.7	402.5	424.0	407.4	45.3	40.0	150.0	106.4	144.3	469.4
14	64.4	201.5	223.0	251.4	7.3	27.0	93.0	108.0	90.3	327.8
15	108.4	375.0	475.1	701.0	140.1	33.2	201.5	212.1	342.0	653.1
Total	10,002.2	24,000.0	3,000.0	3,000.0	1,500.0	2,000.0	4,000.0	5,000.0	10,000.0	24,000.0

a/ All amounts in US dollars.

Table 4
Breakdown of technical co-operation activities of UNIDO by category of funds and groups of activities, 1969 to 1971
(in thousands of US dollars)

		1969 - expenditures						
Regular Programs	UNEP/FAO (2)	UNEP/SE (3)	SUS (4)	Funds-in-Trust (5)	UNIDO (General Fund) (6)	UNEP (7)		
Industry								
Industry (A) Industries								
Group 1	82.1	317.7	200.5	176.0	30.0	30.0	82.1	
Group 2	141.2	142.1	-	214.0	-	0.0	400.1	
Group 3	24.9	74.0	75.6	41.7	-	-	106.2	
Group 4	119.9	104.0	-	146.2	87.0	11.0	456.9	
Group 5	65.3	88.6	606.7	132.2	24.0	133.0	1,141.6	
Group 6	146.9	174.7	2.0	691.5	44.9	-	973.1	
Sub total	582.1	883.1	832.8	1,311.9	186.9	184.0	3,000.7	
Industry (B) Services								
Group 7	103.1	73.2	-	12.5	-	-	12.5	
Group 8	46.0	2.0	682.6	31.1	88.0	-	1,177.0	
Group 9	247.1	217.6	88.3	2.0	-	-	44.5	
Group 10	150.0	101.0	221.2	143.9	24.0	243.1	1,170.5	
Group 11	304.1	304.2	1,100.1	307.5	115.0	243.1	670.1	
Sub total	1,050.3	1,008.0	2,084.8	697.0	330.0	243.1	3,413.2	
Industry (C) Fisheries								
Group 12	206.0	682.0	1,087.7	52.0	88.0	88.0	1,973.2	
Group 13	50.2	148.0	-	74.7	20.0	1.0	204.7	
Group 14	16.7	3.0	-	23.0	-	-	44.4	
Group 15	338.7	19.4	-	63.0	-	22.2	405.4	
Sub total	1,051.6	952.4	1,087.7	215.3	108.0	111.2	2,911.7	
Total	1,682.1	1,893.5	2,167.6	2,119.2	384.9	395.2	5,500.2	

Table 4 (cont'd)

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Division	Regular Programs			USP, JA			USP, SF under active con- tract			SIS		Funds-in- Transit
	approved expenditures (8)	approved expenditures (9)	forecasts of new expenditures (10)	total (11)	approved expenditures (12)	active contracts (13)	total (14)	approved expenditures (15)	approved expenditures (16)			
Industrial Institutions												
Group 1	120.9	148.9	709.1	858.0	1,583.1	340.0	1,923.1	378.5	14.0			
Group 2	137.6	150.6	825.0	976.6	-	70.0	70.0	175.7	-			
Group 3	25.7	76.2	141.6	215.8	335.6	-	335.6	92.6	-			
Group 4	112.7	128.4	388.9	465.3	-	-	-	244.1	29.4			
Group 5	70.4	38.6	884.4	925.6	2,357.1	-	2,357.1	194.4	-			
Group 6	343.8	178.4	3,742.4	3,912.8	288.2	588.0	776.2	638.6	-			
Sub total	818.5	712.1	9,279.4	9,991.5	5,589.8	978.0	5,562.8	1,721.9	63.4			
Industrial Services and Institutions												
Group 7	-	-	178.2	178.2	-	-	-	28.8	-			
Group 8	64.8	119.2	83.9	263.1	1,161.1	438.0	1,611.1	47.5	283.8			
Group 9	28.4	-	178.0	178.0	-	-	-	-	-			
Group 10	68.8	235.7	884.5	989.2	885.8	288.0	1,065.8	446.2	-			
Group 11	188.8	219.1	858.9	1,079.8	887.6	188.0	1,147.6	78.2	-			
Sub total	213.8	522.8	1,854.5	2,529.5	2,844.5	918.0	3,454.5	587.9	283.8			
Industrial Pollution and Processing												
Group 12	325.2	421.7	1,383.9	1,805.6	1,583.2	-	1,583.2	81.6	4.0			
Group 13	51.3	188.8	234.6	343.2	161.7	-	161.7	93.8	-			
Group 14	11.5	138.8	282.2	332.2	-	-	-	48.0	-			
Group 15	-	24.0	188.0	220.0	-	128.0	128.0	72.0	-			
Sub total	388.0	862.3	2,016.7	2,701.0	1,744.9	128.0	1,872.9	255.4	4.0			
TOTAL	1,589.5	1,978.4	19,274.8	12,721.8	9,873.4	1,888.0	10,981.4	2,813.2	258.4			

Table 4 (cont'd)

1971

Division	Regular Programs			UNDP/TA			UNDP/SF		
	proposed projects (17)	approved projects (18)	forecasts of new projects (19)	total (20)	approved projects (21)	under active consi-deration (22)	total (23)		
<u>Industrial Technology</u>									
Group 1	120.0	3.4	1,760.0	1,763.4	1,109.6	1,200.0	2,309.6		
Group 2	160.0	42.8	850.0	892.8	-	750.0	750.0		
Group 3	30.0	17.0	500.0	517.0	118.0	60.0	178.0		
Group 4	110.0	8.0	500.0	508.0	-	100.0	100.0		
Group 5	100.0	6.6	900.0	906.6	1,702.1	500.0	2,302.1		
Group 6	300.0	20.4	3,550.0	3,570.4	222.3	748.0	970.3		
Sub total	<u>820.0</u>	<u>98.2</u>	<u>8,060.0</u>	<u>8,158.2</u>	<u>3,152.0</u>	<u>3,358.0</u>	<u>5,510.0</u>		
<u>Industrial Services and Institutions</u>									
Group 7	20.0	-	160.0	160.0	-	-	-		
Group 8	50.0	8.0	520.0	528.0	1,113.4	950.0	2,063.4		
Group 9	40.0	-	150.0	150.0	-	250.0	250.0		
Group 10	90.0	43.0	1,650.0	1,693.0	851.4	761.1	1,612.5		
Group 11	140.0	137.3	922.7	1,060.0	1,135.7	640.0	1,775.7		
Sub total	<u>340.0</u>	<u>188.3</u>	<u>3,402.7</u>	<u>3,591.0</u>	<u>3,100.5</u>	<u>2,601.1</u>	<u>5,701.6</u>		
<u>Industrial Policies and Programming</u>									
Group 12	210.0	111.6	1,167.3	1,278.9	760.9	520.0	1,280.9		
Group 13	80.0	38.8	881.2	920.0	217.5	270.0	487.5		
Group 14	50.0	-	390.0	390.0	-	200.0	200.0		
Group 15	-	8.0	260.0	268.0	-	300.0	300.0		
Sub total	<u>340.0</u>	<u>158.4</u>	<u>2,698.5</u>	<u>2,856.9</u>	<u>978.4</u>	<u>1,290.0</u>	<u>2,268.4</u>		
TOTAL	<u>1,500.0</u>	<u>444.9</u>	<u>14,161.5</u>	<u>14,606.1</u>	<u>7,230.9</u>	<u>7,249.1</u>	<u>14,480.0</u>		

Table 5

Breakdown of technical co-operation activities by programmes
and geographical regions, 1969 to 1971

(in thousands of US dollars)

Projects and region	Regular Programs				UNDP/TA					
	1969	1970	1971		1969	1970	1971			
	expend- iture (1)	resources (2)	proposed programs (3)		expend- iture (4)	approved projects (5)	forecast of new projects (6)	approved projects (8)	forecast of new projects (9)	total (10)
<u>AFRICA</u>										
country	290.2	389.5	375.0		149.7	490.9	2,967.9	191.9	3,921.3	4,113.2
regional	133.7	122.5	125.0		15.3	-	140.0	-	435.7	435.7
Sub total	<u>423.9</u>	<u>512.0</u>	<u>500.0</u>		<u>165.0</u>	<u>490.9</u>	<u>3,107.9</u>	<u>191.9</u>	<u>4,357.0</u>	<u>4,548.9</u>
<u>THE AMERICAS</u>										
country	133.0	175.3	175.0		353.5	373.6	2,530.5	92.4	3,217.5	3,309.9
regional	103.3	122.5	125.0		74.3	81.0	60.0	-	357.5	357.5
Sub total	<u>236.3</u>	<u>297.8</u>	<u>300.0</u>		<u>427.8</u>	<u>454.6</u>	<u>2,590.5</u>	<u>92.4</u>	<u>3,575.0</u>	<u>3,667.4</u>
<u>ASIA/FAR EAST</u>										
country	260.9	274.4	275.0		553.8	763.6	2,946.9	116.8	3,732.2	3,849.0
regional	130.0	122.5	125.0		26.0	-	270.0	-	409.0	409.0
Sub total	<u>390.9</u>	<u>396.9</u>	<u>400.0</u>		<u>579.8</u>	<u>763.6</u>	<u>3,216.9</u>	<u>115.8</u>	<u>4,141.2</u>	<u>4,258.0</u>
<u>EUROPE/MIDDLE EAST</u>										
country	94.6	121.3	125.0		408.6	198.3	1,281.3	43.8	1,609.2	1,653.0
regional	23.6	24.5	25.0		-	-	-	-	178.8	178.8
Sub total	<u>118.2</u>	<u>145.8</u>	<u>150.0</u>		<u>408.6</u>	<u>198.3</u>	<u>1,281.3</u>	<u>43.8</u>	<u>1,788.0</u>	<u>1,831.8</u>
<u>UNRE REGIONAL</u>										
	312.8	147.0	150.0		282.8	63.0	-	-	300.0	300.0
TOTAL	<u>1,482.1</u>	<u>1,499.5</u>	<u>1,500.0</u>		<u>1,864.0</u>	<u>1,970.4</u>	<u>10,250.6</u>	<u>444.9</u>	<u>14,161.5</u>	<u>14,606.1</u>

Table 5 (cont'd)

	UNDP/SF				SIS		Funds-in-Trust		UNIDO			
	1969	1970		1971		1969	1970	1969	1969			
		approved projects (11)	con- tinuing projects (12)	under active consi- deration (13)	total (14)	con- tinuing projects (15)	under active consi- deration (16)	total (17)	expend- iture (18)	approved projects (19)	expend- iture (20)	approved projects (21)
AFRICA												
country	1,228.2	3,548.3	639.0	4,187.3	3,562.6	1,958.0	5,520.6	896.0	819.2	131.8	45.4	-
regional	135.0	325.2	71.0	396.2	250.1	162.0	412.1	-	-	-	-	-
Sub total	<u>1,363.2</u>	<u>3,873.5</u>	<u>710.0</u>	<u>4,583.5</u>	<u>3,812.7</u>	<u>2,120.0</u>	<u>5,932.7</u>	<u>896.0</u>	<u>819.2</u>	<u>131.8</u>	<u>45.4</u>	<u>-</u>
THE AMERICAS												
country	325.7	1,258.9	279.0	1,537.9	487.5	1,743.0	2,230.5	389.8	512.5	108.0	19.0	-
regional	-	-	31.0	31.0	-	127.0	127.0	37.6	-	-	-	-
Sub total	<u>325.7</u>	<u>1,258.9</u>	<u>310.0</u>	<u>1,568.9</u>	<u>487.5</u>	<u>1,870.0</u>	<u>2,357.5</u>	<u>427.4</u>	<u>512.5</u>	<u>108.0</u>	<u>19.0</u>	<u>-</u>
ASIA/FAR EAST												
country	778.7	2,490.2	396.0	2,886.2	1,588.2	1,490.0	3,078.2	476.2	827.2	50.0	-	-
regional	-	-	44.0	44.0	-	110.0	110.0	-	-	-	-	-
Sub total	<u>778.7</u>	<u>2,490.2</u>	<u>440.0</u>	<u>2,930.2</u>	<u>1,588.2</u>	<u>1,600.0</u>	<u>3,188.2</u>	<u>476.2</u>	<u>827.2</u>	<u>50.0</u>	<u>-</u>	<u>-</u>
EUROPE/MIDDLE EAST												
country	718.0	1,450.8	208.0	1,658.8	1,342.5	943.0	2,285.5	190.3	454.3	110.0	186.0	-
regional	-	-	40.0	40.0	-	55.0	55.0	-	-	-	-	-
Sub total	<u>718.0</u>	<u>1,450.8</u>	<u>248.0</u>	<u>1,698.8</u>	<u>1,342.5</u>	<u>998.0</u>	<u>2,340.5</u>	<u>190.3</u>	<u>454.3</u>	<u>110.0</u>	<u>186.0</u>	<u>-</u>
INTERREGIONAL												
	-	-	200.0	200.0	-	661.1	661.1	125.0	-	-	-	509.8
TOTAL	<u>3,185.6</u>	<u>9,073.4</u>	<u>1,908.0</u>	<u>10,981.4</u>	<u>7,230.9</u>	<u>7,249.1</u>	<u>14,480.0</u>	<u>2,114.9</u>	<u>2,613.2</u>	<u>399.8</u>	<u>250.4</u>	<u>509.8</u>

Table 6
Estimated breakdown of technical co-operation activities by sources and components, 1969 to 1971^{a/}
(in man/months and thousands of US dollars)

Sources of financing	Experts ^{b/}				Fellowships				Others ^{c/}				Total					
	1970		1971		1969		1970		1971		1969		1970		1971			
	a/a	a/a	a/a	a/a	a/a	a/a	a/a	a/a	a/a	a/a	a/a	a/a	a/a	a/a	a/a	a/a		
Regular Programs	55/430	842	60/471	942	30/300	662	221/1069	619	179/993	558	224/1320	748	21	-	90	1,482	1,500	
UNDP/TA	147/520	1,207	160/1200	2,300	200/1500	2,900	467/1307	624	550/1650	1,100	700/2100	1,400	33	100	200	1,864	3,500	
UNDP/SF	135/944	2,154	250/2000	4,100	400/3000	6,000	40/334	106	120/900	480	160/1350	700	926	3,420	4,300	3,186	8,000	
SIS ^{d/}	277/816	1,684	450/1800	3,600	400/1650	3,300	28/133	85	40/240	150	50/300	200	346	750	1,000	2,115	4,500	
UNIDO General Trust Fund	-	-	20/60	130	20/60	130	55/65	93	150/300	270	180/350	320	417	1,600	2,050	560	2,000	
Funds-in-Trust	17/151	400	20/240	500	20/240	500	-	-	-	-	-	-	-	-	-	400	500	
Total	631/2861	5,287	960/5771	11,572	1070/6750	13,492	811/2928	1,527	1039/4083	2,558	1314/5420	3,368	1,743	5,870	7,640	9,557	20,000	24,500

a/ For 1969: breakdown of expenditures.

b/ Including short-term consultants and experts.

c/ Including equipment, subcontract, contractual services and miscellaneous.

d/ UNIDO General Trust Fund for SIS and UNDP/Revolving Fund/SIS.

Table 7

Fellowship programme: distribution of established fellowship posts by geographical regions of origin of the fellows and by groups of activities a/
(in man/months)

<u>Geographical regions</u> ^{b/}	<u>1968^{c/}</u>				<u>1969^{d/}</u>				<u>1970^{d/}</u>
	<u>approved posts</u>	<u>implemented posts</u>	<u>approved posts</u>	<u>nominations received</u>	<u>approved posts</u>	<u>nominations received</u>	<u>approved posts</u>	<u>nominations received</u>	<u>approved posts</u>
Africa	66/281	41/133	110/723	35/214	141/977				
The Americas	19/119	16/96	46/279	19/113	78/548				
Asia and the Far East	59/427	46/306	75/607	34/210	69/588				
Europe	158/604	158/604	174/631.5	147/541	35/120				
Middle East	26/121	18/80	39/218	23/104	29/159.5				
TOTAL	<u>328/1552</u>	<u>279/1219</u>	<u>444/2458.5</u>	<u>258/1182</u>	<u>352/2392.5</u>				

<u>Groups of activities</u> ^{e/}	<u>1968^{c/}</u>															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
Groups																
Nos. of fellowships	104	54	23	38	31	40	2	30	2	42	22	43	8	3	2	444

a/ The figures apply to individual fellowships and do not include fellowships awarded for participation in regional and interregional seminars and in-plant training programmes.

b/ 1968 to 1970.

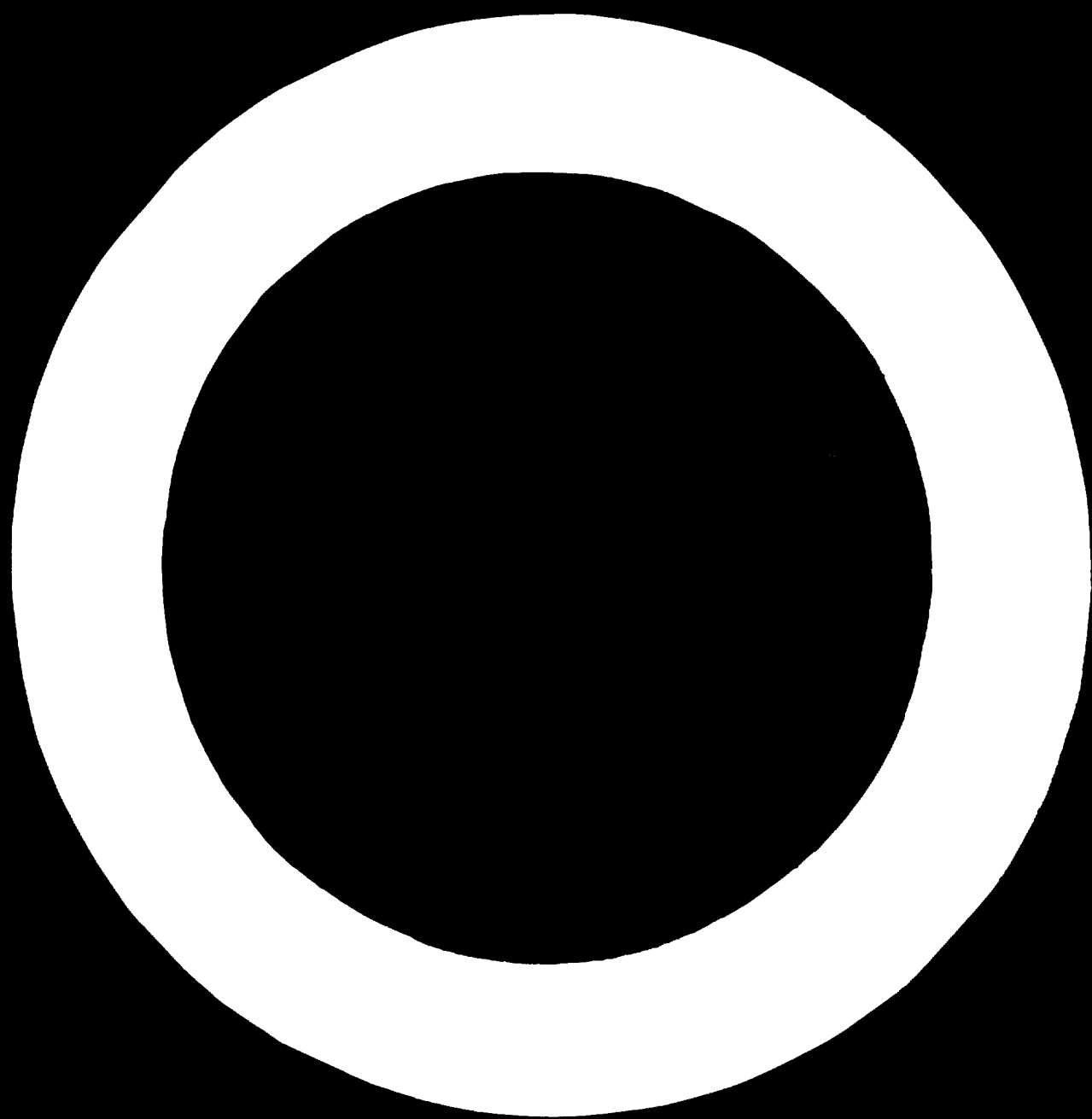
c/ As of 31 December 1968.

Table 8

Regular budget: activities of the substantive divisions of the secretariat, 1969 to 1971
(in man/months and thousands of US dollars)

S/No	1969						1970						1971								
	Staff time ^{a/}		Consultants		Meetings	Printing	Total	Staff time ^{a/}		Consultants		Meetings	Printing	Total	Staff time ^{a/}		Consultants		Meetings	Printing	Total
	m/a	k	m/a	k	k	k	k	m/a	k	m/a	k	k	k	k	m/a	k	m/a	k	k	k	k
1	88	147.4	15	23.4	13.6	11.9	196.3	120	169.7	8	13.0	7.0	11.8	201.5	144	169.9	10	18.0	8.0	19.4	215.3
2	44	106.4	9	14.6	9.7	1.3	132.0	72	80.5	7	10.5	8.0	6.0	105.0	84	135.6	6	11.0	-	10.4	157.0
3	21	24.3	4	7.0	4.4	3.8	39.5	24	29.4	8	13.0	16.0	3.0	61.4	36	59.8	3	5.0	8.0	10.2	83.0
4	36	44.9	13	21.5	11.0	0.5	77.9	48	45.3	6	9.0	-	8.8	63.1	52	108.6	8	14.5	9.0	6.9	139.0
5	91	174.8	16	25.8	-	34.2	234.8	96	138.4	10	15.5	-	16.7	170.6	108	247.7	12	21.5	5.0	15.8	290.0
6	76	105.1	20	31.8	40.2	7.5	184.6	144	188.8	15	23.0	10.0	13.7	235.5	156	163.4	11	20.5	20.0	17.8	221.7
7	17	55.8	9	14.4	3.6	-	73.8	30	52.7	15	22.5	12.0	1.6	88.8	24	35.6	7	13.0	6.0	3.2	57.8
8	57	37.6	3	4.3	4.6	-	46.5	126	139.0	13	20.0	16.0	2.5	177.5	156	251.9	19	35.0	16.0	6.7	309.6
9	94	278.9	20	31.3	-	5.8	314.0	132	324.4	8	12.0	-	18.7	355.1	168	470.5	16	28.8	-	23.4	522.7
10a	38	96.3	6	8.9	-	5.0	110.2	84	152.7	4	6.0	-	10.0	168.7	96	192.8	-	-	-	-	192.8
10b	59	37.4	13	20.7	13.2	6.3	77.6	84	49.5	-	-	8.0	5.9	63.4	108	76.6	-	-	15.0	-	91.6
11	71	183.6	11	17.8	9.0	8.6	219.0	108	135.8	13	19.0	-	19.7	174.5	108	126.0	6	10.0	10.0	18.5	164.5
12	126	178.5	24	38.8	6.0	33.6	258.9	180	238.5	20	30.0	20.0	34.1	322.6	204	264.9	18	33.0	21.0	53.2	372.1
13	122	275.6	16	25.7	5.0	-	306.3	180	289.6	22	33.0	25.0	5.6	353.2	233	450.7	18	31.5	5.0	24.3	511.5
14	108	131.7	6	9.0	20.5	3.1	164.3	132	163.7	12	18.0	-	4.7	186.4	156	219.8	9	16.0	-	6.2	242.0
15	127	283.7	31	49.3	5.8	10.4	349.2	216	458.4	37	56.0	-	9.2	523.6	223	476.0	27	49.0	12.5	4.0	541.5
TOTAL	1,175	2,160.0	216	344.3	146.6	132.0	2,782.9	1,776	2,656.4	198	300.5	122.0	172.0	3,250.9	2,056	3,449.8	170	306.8	135.5	220.0	4,112.1

a/ Including staff time of direct backstopping of technical co-operation activities.

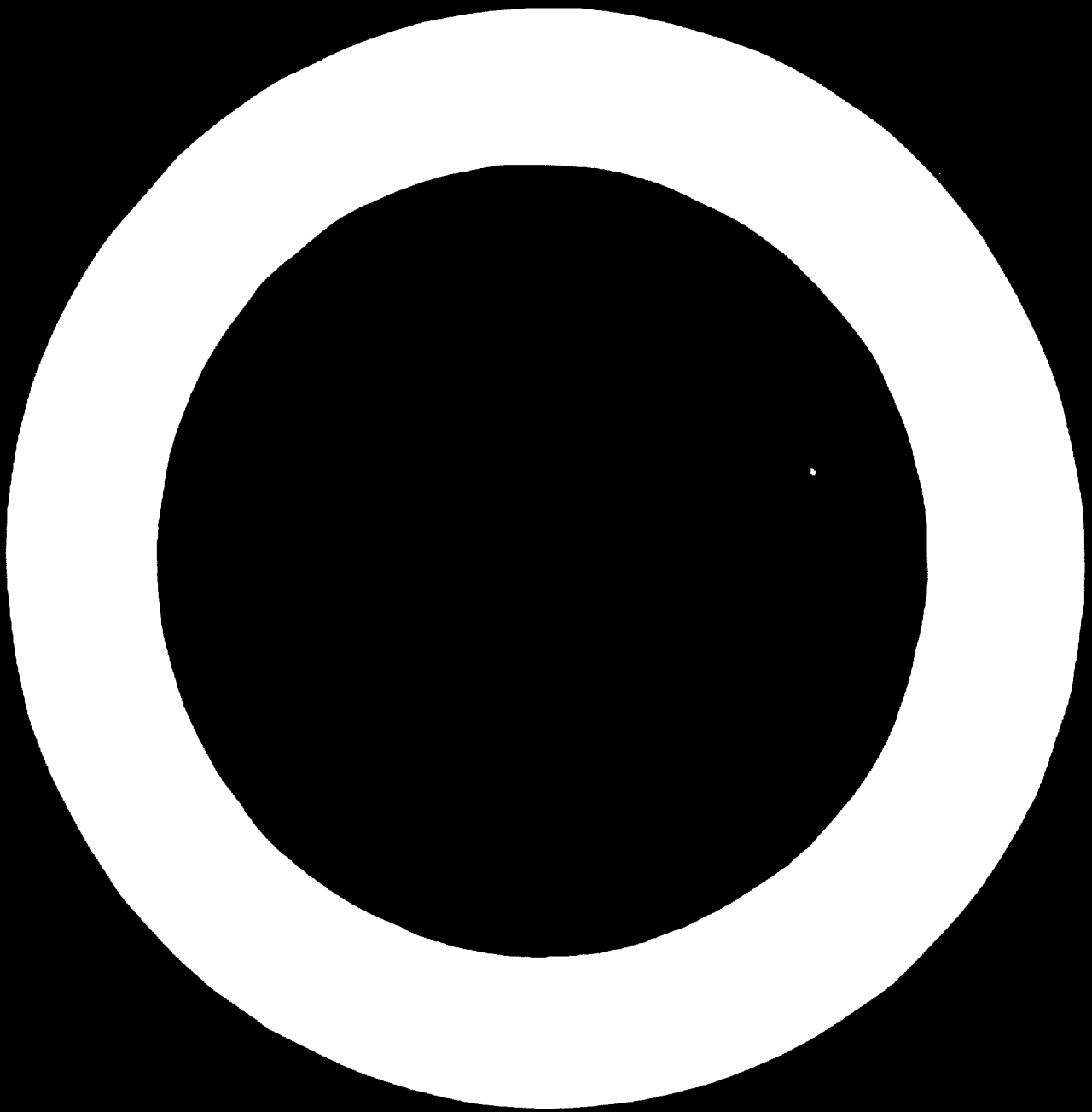


General remarks

In addition to presenting the operational projects in some detail under the respective groups of activities (Addenda 1-15 to this document), it was considered useful to prepare a complete list of the operational projects arranged by programmes and regions (annex I) and by regions and countries (annex II). The information in the two annexes is confined to project symbols, a very brief description and a cross-reference to the respective group of activities that describes the projects more fully. The annexes list only those projects which have been officially approved by the UNDP as of 30 September 1969.

Annex III, List of symposia, expert working groups, seminars, workshops, training programmes and other meetings, and annex IV, List of studies and research projects, are also a consolidation of the information given in detail under the respective groups. Finally, annex V contains a list of publications corresponding to the publications completed in 1969, the publications programme for 1970 and the publications forecast for 1971.

- Annex I List of field activities by programmes and regions
- Annex II List of field activities by regions and countries
- Annex III List of symposia, expert working groups, seminars, workshop, training programmes and other meetings
- Annex IV List of studies and research projects, 1969 to 1971
- Annex V List of publications, 1969 to 1971



ANNEX I

LIST OF FIELD ACTIVITIES

UNDP/SPECIAL FUND - UNIDO, executing agency

UNIDO
activity
group

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	
<u>AFRICA</u>			
Algeria	ALG-18	Centre for industrial and technological studies - phase II	5
Thane	THA-26	Assistance to the Thane Industrial Holding Corporation	20
Ivory Coast	IVC-13	Centre for industrial studies and promotion	13
Libya	LIB-12	Centre for industrial development and research, Tripoli	8
Rwanda	RWA-3	Pilot plant industrialization and pyrethrum production, Mukingo	5
Sudan	SUD-12	Industrial research institute, Khartoum	8
Togo	TOG-10	Fertilizer use, promotion, demonstration and production scheme, Lomé	5
Tunisia	TUN-15	National centre for industrial studies	2
	TUN-27	Centre for the development of prototype tools	1
Uganda	UGA-7	Small industries development programme and establishment of an industrial estate, Kampala	11
United Arab Republic	UAR-55	Engineering and industrial design development centre, Cairo	1
	UAR-62	Textile quality control centre, Alexandria	6
	UAR-69	Demonstration pesticide production plant based on chlorine and bromine resources	5
United Republic of Tanzania	TAN-10	Industrial studies and development centre, Dar-es-Salaam	12
Zambia	ZAM-6	Development of small-scale industries	1

UNIDO

activity

AREA

Region and COUNTRY	Project No.	Project title	
AMERICA (cont'd)			
The Maghreb Countries	MB-72	Centre of industrial studies for the Maghreb	12
THE AMERICAS			
Bolivia	BL-20	Experimental production plant for asbestos processing	3
Chile	CH-39	Metalworking industry testing centre, Santiago	1
Colombia	CO-30	Institute for Technological Research, Bogotá - phase II	8
Paraguay	PA-8	Technical Standards National Institute - phase II	8
Trinidad and Tobago	TR-5	Caribbean Industrial Research Institute, Port-of-Spain	8
ASIA AND THE PACIFIC			
India	IN-67	Design centre for electrical measuring instruments	1
Iran	IR-11	Establishment of an industrial estate, Ahuz - development of small-scale industries	11
	IR-16	Research centre for industrial and trade development	12
	IR-34	Institute of Standards and Industrial Research, Karaj	8

UNDP/SPECIAL FUND - UNIDO, executing agency (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>ASIA AND THE FAR EAST</u>			
			5
Pakistan	PAK-26	Pre-investment studies for the promotion of the fertilizer and petrochemical industries	
	PAK-48	Centre for the organization and development of the jute industry, Dacca	10b
Philippines	PHI-30	Metal Industries Development Centre	1
Thailand	THAI-16	Technological Research Institute	8
<u>EUROPE AND THE MIDDLE EAST</u>			
Greece	GRE-26	Industrial area and industrial estate near Salonika	11
Israel	ISR-11	Industrial research centre	8
Jordan	JOR-13	Centre for Industrial Development, Amman	12
Saudi Arabia	SAA-14	Industrial Studies and Development Centre, Riyadh	11, 12
Turkey	TUR-25	Small industries development programme	11
	TUR-29	In-plant training centre for engineers, Kirikkale	10a

UNDP/SPECIAL FUND - UNIDO, participating agency

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Executing agency</u>	<u>UNIDO activity group</u>
<u>AFRICA</u>				
Cameroon	CMR-12	Centre of assistance to small industries, Douala	ILO	11
Regional	REC-43	African Development Bank: pre-investment unit	ILO	13
<u>THE AMERICAS</u>				
Chile	CHI-22	Department of small industries	ILO	11
Uruguay	URU-12	Productivity centre	ILO	6
<u>ASIA AND THE FAR EAST</u>				
Singapore	SIN-7	Metal industries development centre	ILO	1
<u>EUROPE AND THE MIDDLE EAST</u>				
Turkey	TUR-30	Central research and training institute for hides, skins and leather, Istanbul	FAO	6
Yugoslavia	YUG-10	Development of forestry and forest industries	FAO	6

UNIDO
activity
Group

UNDP/TECHNICAL ASSISTANCE

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	
<u>AFRICA</u>			
Algeria	ALG/69/1	Modernization of the lock factory "Serrurerie Chaabia"	1
Burundi	HUR/68/3	Development of small and medium-scale industries	11
Cameroon	CAM/69/3	Development of small-scale industries	11
Dahomey	DAH/69/1	Development of small-scale industries	11
Ethiopia	ETH/68/27	Industrial standardization	8
Ghana	CHA/69/7	Assistance to Central Investment Board	13
Lesotho	LES/68/12	Industrial organization and administration	9
Liberia	LIR/68/11	Small-scale industrial development	11
Libya	LIB/68/14	Assistance to the industrial research laboratories of the Ministry of Industry	8
Madagascar	MAG/68/8	Industrial investment promotion	13
	MAG/68/9	Industrial planning	12
Mali	MLI/69/3	Assistance in the elaboration of industrial development plan	12
Niger	NER/68/22	Industrial promotion	13
Nigeria	NIR/68/7	Industrial programming - feasibility studies	12
	NIR/69/13	Industrial programming	12
	NIR/69/23	Assistance to the steel industry	2

UNDP/TECHNICAL ASSISTANCE (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA (cont'd)</u>			
Rwanda	RWA/68/14	Small-scale industrial development	11
Senegal	SEN/68/14	Promotion of export-oriented industries	14
	SEN/69/5	Assistance to SAFAL - aluminium industries	2
Somalia	SOM/68/21	Industrial development	12
Sudan	SUD/69/5	Vegetable oil processing - assistance to the Ministry of Commerce and Supply	6
	SUD/69/7	Operation of ginning factories	6
Uganda	UGA/68/19	Industrial planning and programming	11
United Arab Republic	UAR/69/1	Catgut manufacturing	6
	UAR/69/10	Repair and maintenance - case study of a textile company and investigation of the requirements for the textile industry	1
Upper Volta	UAR/68/8	Quality control	10
	UAR/68/12	Tin lithographing and varnishing	6
	UAR/69/25	Project study and evaluation	12
Upper Volta	UPV/68/20	Small and medium-scale industrial development	11
Zambia	ZAM/68/15	Assistance to Industrial Development Corporation of Zambia Limited	13
East African Community	EAC/68/10	Industrial unit (OPAS)	10
Regional	AFR/69/1	West African regional workshop - financial analysis and planning industrial projects	13

UNDP/TECHNICAL ASSISTANCE (cont'd)

UNIDO
activity
group

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	
<u>THE AMERICAS</u>			
Argentina	ARG/68/5	Development of aluminium chemistry	2
	ARG/68/6	Assistance to the National Institute for Industrial Technology (INTI)	1,2,3,4,6
	ARG/69/4	Export promotion of manufactured goods	14
Brazil	BRA/68/25	Technical assistance to SUDENE	4,11
Chile	CHI/68/5	Manufacturing of capital goods	1
	CHI/69/12	Technical industry survey	15c
Colombia	COL/68/18	Industrial programming	12
	COL/68/20	Sectoral studies for the industrial development institute	12
	COL/68/23	Engineering industry - tool design and production	1
Costa Rica	COS/68/6	Export promotion	14
Dominican Republic	DOM/68/7	Industrial development - assistance to the Public Enterprises Corporation (CORDE)	10,12
	DOM/68/8	Development of small and medium-scale industries	11
Ecuador	ECU/68/22	Industrial programming	12
El Salvador	ELS/68/6	Small-scale industries development	11
Haiti	HAI/68/8	Assistance to essential oils and fats production	6
Honduras	HON/68/3	Industrial development and productivity	12
	HON/68/15	Industrial promotion - assistance to National Bank for Development	13

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>THE AMERICAS (cont'd)</u>			
Jamaica	JAM/69/1	Industrial management - director of Things Jamaican Craft Development Corporation (OPAS)	11
	JAM/69/2	Industrial management	10b
Mexico	MEX/68/16	Methodology programming of the mechanical and chemical industries	1
Nicaragua	NIC/68/2	Industrial policies	12
	NIC/68/12	International marketing	14
Paraguay	PAR/69/5	Industrial programming and policies	12
Peru	PER/69/1	Automotive industry development	1
	PER/69/2	Shipbuilding industry	1
Venezuela	VEN/68/6	Assistance to the Venezuelan Development Corporation	1
Regional	LA/68/1	Central American programming mission	12
<u>ASIA AND THE FAR EAST</u>			
Afghanistan	AFG/68/4	Assistance in introducing the metric system	8
Cambodia	CAM/68/15	Industrial planning	12
Ceylon	CEY/68/3	Assistance to the Ceylon Ceramics Corporation	3
	CEY/69/12	Development of chemical industry	4
	CEY/69/24	Industrial design for small-scale industry	11

<u>UNDP/TECHNICAL ASSISTANCE (cont'd)</u>	<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
	<u>ASIA AND THE FAR EAST</u>			
	China	CHA/68/2	Industrial management and training	10b
		CHA/68/8	Sea salt manufacturing techniques	4
	Fiji (Oceania)	FIJ/68/3	Industrial programming	12
	India	IND/69/1	Chemical and petrochemical industries	5
		IND/69/12	Industrial promotion	12
		IND/69/17	Training programme for marketing and export promotion of industrial goods	14
	Indonesia	INS/68/11	Industrial management	10b
		INS/68/12	Industrial research	8
		INS/69/28	Loan appraisal	13
		INS/69/31	Industrial development	1,6,12
	Iran	IRA/68/28	Development of the food industry	6
		IRA/69/6	Establishment of ophthalmic and optical industry	1
	Laos	LAO/68/5	Industrial development	15
	Malaysia	MAL/68/4	Assistance to Federal Industrial Development Authority (FIDA)	12
		MAL/68/5	Assistance to Malaysian Industrial Development Finance Limited (MIDFL)	12
		MAL/68/6	Assistance to MARA - trust council for promotion of indigenous enterprises	6,10b

UNDP/TECHNICAL ASSISTANCE (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>ASIA AND THE FAR EAST</u> (cont'd)			
Mongolia	MON/68/8	Technological development of the leather goods industry	6
	MON/68/10	Technological development of glass plant in Nailahi	3
	MON/68/11	Technological development of a soap factory at Ulan Bator	4
	MON/68/12	Manufacturing of precious and semi-precious stones	2
	MON/69/2	Assistance to meat and milk industry	6
Pakistan	PAK/68/8	Industrial programming in East, West and Central Pakistan	12
	PAK/68/9	Assistance to the cement industry	3
	PAK/68/10	Industrial financing	13
	PAK/69/5	Iron and steel manufacturing	2
	PAK/69/8	Repair and maintenance	1
	PAK/69/9	Assistance to wood panel industry	6
Papua and New Guinea (Oceania)	PAP/69/2	Indigenous entrepreneurship	10
	PAP/69/3	Assistance to pulp and paper industries	4
Philippines	PHI/68/2	Steel industry	2
	PHI/69/8	Pilot industrial estate at Limay	11
Republic of Korea	KOR/68/8	Location of industry	11
Singapore	SIN/68/1	Assistance to the Economic Development Board	1,10,12

<u>UNDP/TECHNICAL ASSISTANCE (cont'd)</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>ASIA AND THE FAR EAST</u>	(cont'd)		
Thailand	THA/68/5	Industrial standardization	8
	THA/68/6	Industrial classification	12
	THA/68/7	Economic appraisal of industrial and technological research	8
	THA/68/63	Assistance in ceramics research and training centre	3
	THA/68/64	Industrial evaluation	12
Regional	As*	Meeting for the development of the fertilizer and pesticides industry	5
	APT/68/11	In-plant training in mechanical engineering	10
<u>EUROPE AND THE MIDDLE EAST</u>			
Bulgaria	BUL/68/8	Quality improvement in the production of railway carriages	1
	BUL/68/9	Solubility and interphase distribution in the refining processes of heavy non-ferrous metals	2
	BUL/68/10	Application of synthetic fibres and silks in the knitting fabrics industry	6
	BUL/68/11	Production of alloy steels - LD and KALDO converters	2
	BUL/68/12	Investigation of metal-oxide electrodes for their application in electrochemical power sources	4
	BUL/68/14	Modern techniques for the production of glass bottles	3
	BUL/69/13	Synthesis of pyrimidine derivatives	4
	BUL/69/20	Assistance to furniture industry	6

UNDP TECHNICAL ASSISTANCE (cont'd)

Region and country Project no.

BELGIUM AND LUXEMBOURG (cont'd)

Bulgaria (cont'd)	BUL/69/40	Design and development of integrated circuits	1
	BUL/69/41	Semi-automatic programs controlled lathes	1
	BUL/69/42	Welding equipment	1
	BUL/69/43	Production of mattresses, upholstered and kitchen furniture	6

Czechoslovakia CZE/69/5

	CZE/69/9	Modernization and application of new processes in chemical industries	4
		Optimal utilization of classical textile raw materials - chemical fibres	6

Hungary

	HUN/69/1	Production of artificial leather	5
	HUN/69/2	Technical development of the knitting industry	6
	HUN/69/3	Technical development of household textiles	6
	HUN/69/5	Use of computers in industry	15c
	HUN/69/7	Automation of machine sets for production of paint	1
	HUN/69/10	Modern high-speed procedures for aluminium production	2
	HUN/69/11	Selection of products in petrochemical plants	5

Iran

	IRA/68/3	Industrial planning - feasibility studies	12
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Israel

	ISR/69/3	Industrial management - production processes in apparel and textile industry	10
	ISR/69/4	Industrial economics - business finance and marketing	13

UNIDO
activity
group

Project title

UNDP/TECHNICAL ASSISTANCE (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity</u>
<u>EUROPE AND THE MEDITERRANEAN</u>			
<u>Kuwait</u>	KUM/68/2	Standardization and quality control	3
<u>Poland</u>	POL/69/1	Industrial technology	1,2,3,4
	POL/69/3	Industrial programming and project planning	12
	POL/69/14	Assistance to the furniture industry	6
	POL/69/17	Electro-technic industry	1
	POL/69/20	Computing techniques	1
	POL/69/21	Cold extrusion of steel	2
	POL/69/22	Application of semi-conductors in electric traction	1
	POL/69/27	Mechanical and electrical engineering industries	1
	POL/69/29	Assistance to textile and leather industry	1
<u>Romania</u>	ROM/69/2	Metallurgical production quality control	2
	ROM/69/3	Electronic spare parts production	1
	ROM/69/4	Study of heterogeneous catalysis and chemical industry based on the catalysis and refining of crude oil	5
	ROM/69/5	Designing and production of machine tools with numerical programming	1
	ROM/69/6	Industrial metrology	2
	ROM/69/24	Automatic installation for loading and unloading of products	1
<u>Turkey</u>	TUR/68/1	Industrial planning	2,4,12
	TUR/68/2	Upgrading and briquetting of lignite	2
	TUR/68/3	Building materials - chemical engineering	1

Region and country	Project No.	Project title	W.I.D. activity
TURKEY (cont'd)	TUR/68/11	Metallurgical industry	2
	TUR/68/12	Assistance to the aluminium industry	2
	TUR/68/27	Cost accounting	10
	TUR/69/4	Development of cement industry	3
	TUR/69/5	Chemical industry - manufacture of synthetic resins and lacquer nitro-cellulose	4
	TUR/69/14	Industrial engineering development	1
	TUR/68/8	Modern technology mastering in Bosnia and Herzegovina in iron and steel metallurgy	2
	TUR/69/2	Purification of industrial waste water	4
	TUR/69/3	Paper production from straw	4
	YUGOSLAVIA (cont'd)	YFR/68/2	In-plant training in electrical engineering in Sweden
YFR/68/3		In-plant training in textile industry in Poland	10a
YFR/68/4		Seminar on industrial policies for industrial development	13
YFR/68/5		Seminar on financial aspects of public manufacturing enterprises	11
YFR/68/6		Second United Nations interregional seminar on the development of petrochemical industries in developing countries	5
YFR/68/9		In-plant training in pulp and paper	10a
YFR/68/12		In-plant training in machine tools and instruments in the USSR	10a
YFR/68/13		In-plant training programme in the shoe industry in the CSSR	1,10a
YFR/68/14		In-plant training in food technology industry in UK	6,10a
YFR/68/15		Meeting on manufacture of telecommunications equipment in developing countries	1

UNIDO REGULAR PROGRAMME

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA</u>			
Algeria	RP-06-2	Food and light industries - milling techniques	6
	RP-12-1	Industrial planning and programming	12
Botswana	RP-11-2	Industrial estates	11
	RP-11-3	Small-scale industry development	11
Burundi	RP-06-2	Food and light industries - food processing and tobacco processing	6
	RP-11-3	Small-scale industries development	11
	RP-12-3	Industrial planning	12
Cameroon	RP-03-2	Building materials industry	3
	RP-11-4	Small-scale industries	
Central African Republic	RP-06-2	Food and light industries - cassava processing, production of food stuffs	6
	RP-11-5	Small-scale industry development	11
	RP-11-7	Small-scale industry development	11
	RP-12-3	Industrial programming	12
Chad	RP-03-4	Building materials industries - cement	3
	RP-06-3	Food and light industries - modern milling techniques	6
	RP-12-5	Industrial programming	12
Congo (Brazzaville)	RP-11-7	Small-scale industry development - adviser	11

UNIDO REGULAR PROGRAMME (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA (cont'd)</u>			
Congo (Democratic Republic of)	RP-11-2	Small-scale industries development - industrial engineering	11
	RP-11-8	Small scale industries development - industrial management	11
Dahomey	RP-09-3	Industrial information - training	9
	RP-12-2	Industrial programming - training, industrial project formulation	12
	RP-12-9	Industrial programming	12
Ethiopia	RP-12-10	Industrial planning and programming	12
Gabon	RP-12-2	Industrial programming - feasibility studies and evaluation of industrial projects	12
	RP-10-12	Industrial management	10
Gambia	RP-12-2	Industrial programming - evaluation of industrial projects	12
	RP-06-13	Industrial research - training	8
	RP-10-2	Industrial management	10
Guinea	RP-10-14	Industrial management	10
	RP-12-2	Industrial programming	12
Ivory Coast	RP-06-2	Food and light industries - agro-industrial training	6
Kenya	RP-06-2	Food and light industries - modern techniques of corn processing	6
	RP-11-3	Industrial estates	11
	RP-11-16	Industrial estates	11

UNIDO REGULAR PROGRAMS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA (cont'd)</u>			
Lesotho	RP-11-2	Small-scale industries development	11
Libya	RP-10-2	Industrial management	10
Madagascar	RP-03-58	Building materials industries - brick production	3
	RP-06-3	Food and light industries - agro-industrial training	6
	RP-09-6	Industrial information	9
	RP-11-4	Industrial estates	11
	RP-12-5	Industrial programming	12
Malawi	RP-08-2	Industrial legislation - standardization	8
	RP-09-21	Industrial organization and administration	9
Mali	RP-06-2	Food and light industries - agro-industrial training	6
	RP-10-22	Industrial management	10
	RP-12-23	Industrial programming - project evaluation	12
Mauritania	RP-06-2	Food and light industries - new techniques in food industries	6
	RP-09-24	Industrial organization and administration	9
Mauritius	RP-06-2	Food and light industries - fish processing industries	6
	RP-08-25	Industrial standardization	8
Morocco	RP-02-59	Metallurgical industry	2
	RP-12-3	Industrial programming - evaluation of industrial projects	12

UNIDO REGULAR PROGRAMME (cont'd)UNIDO
activity
group

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	
<u>AFRICA (cont'd)</u>			
Niger	NP-12-27	Industrial planning and programming	12
Nigeria	NP-06-3	Food and light industries - refrigeration techniques	6
	NP-09-28	Industrial organization and administration	9
	NP-10-2	Industrial training - in-plant training in fermentation technology	10
Rwanda	NP-06-1	Food and light industries - fruit and vegetable processing, tea processing	6
	NP-06-30	Light industries - leather tanning	6
	NP-12-29	Industrial planning and programming	12
Senegal	NP-06-2	Food and light industries - animal products, industrial processing	6
	NP-C9-4	Training in industrial information	9
	NP-11-3	Industrial estates	11
	NP-11-31	Small-scale industries development	11
	NP-09-2	Industrial organization and administration	9
Sierra Leone	NP-09-2	Industrial organization and administration	9
	NP-09-32	Industrial organization and administration	9
Senalia	NP-06-3	Food and light industries - agro-industrial training	6
	NP-11-2	Small-scale industries development	11
	NP-12-33	Industrial planning and programming	12

UNIDO REGULAR PROGRAMME (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA (cont'd)</u>			
Sudan	RP-06-3	Food and light industries - oil seed industries	6
	RP-06-34	Food industries	6
	RP-08-5	Industrial standardization	8
	RP-10-34	Industrial training	10
	RP-12-4	Industrial programming	12
Swaziland	RP-09-1	Training in industrial information	9
Togo	RP-06-3	Food and light industries - cassava production, agro-industrial training	6
	RP-11-2	Small-scale industries development	11
	RP-11-35	Small-scale industries development	11
Tunisia	RP-06-2	Food and light industries - refrigeration techniques	6
	RP-12-36	Industrial programming	12
Uganda	RP-06-2	Food and light industries - production of protein from soya bean	6
	RP-09-37	Industrial organisation and administration	9
United Arab Republic	RP-01-62	Light industries - use of particle board in furniture construction and special finishing of textiles (non-iron and wrip-dry)	1
	RP-02-3	Metallurgical industry	2
	RP-05-4	Fertiliser industry	5
	RP-09-75	Training in industrial information	9
	RP-10-6	Industrial management	10

UNIDO REGULAR PROGRAMME (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA</u> (cont'd)			
United Republic of Tanzania	RP-05-39	Fertilizer industry development	5
	RP-06-40	Light industries - textile industry	6
	RP-10-3	Industrial management	10
	RP-13-68	Industrial policies - workshop on financial planning of industrial projects	13
Upper Volta	RP-06-2	Food and light industries - agro-industrial training, meat processing, feasibility studies for food industries	6
	RP-12-41	Industrial policies and programming	12
Zambia	RP-09-42	Training in industrial information	9
	RP-10-2	Industrial management - training in specific industrial management subjects for managers and high-level technical personnel	10
Regional	RP-02-7	Metallurgical industries	2
	RP-02-45	Iron and steel industry	2
	RP-04-8	Chemical industries	4
	RP-04-46	Chemical industry	4
	RP-05-9	Fertilizer industries	5
	RP-06-9	Food and light industries - regional adviser, mechanical forest industries	6
	RP-06-126	Mechanical forest industries	6
	RP-06-153	Food industries (OCAM) - meat marketing	6
	RP-11-6	Small-scale industries development	11

UNIDO REGULAR PROGRAMME (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA (cont'd)</u>			
Regional (cont'd)	RP-11-44	Small-scale industries development	11
	RP-11-160	Small-scale industries development - consulting firm	11
	RP-12-148	UNIDO/IDEP course on industrial development planning, Nairobi	12
	RP-13-10	Industrial promotion - project evaluation and industrial financing	13
	RP-13-43	Industrial promotion - project evaluation and industrial financing	13
<u>THE AMERICAS</u>			
Argentina	RP-01-85	Engineering industries - electronic computers and machine tools	1
	RP-05-2	Fertilizer industry	5
	RP-05-158	Plastics industries	5
	RP-06-3	Food industries - advanced techniques for food preservation	6
Barbados	RP-06-2	Food industries	6
	RP-12-86	Industrial programming	12
Bolivia	RP-12-2	Industrial planning	12
Brazil	RP-05-2	Fertilizer industry	5
	RP-06-3	Food and light industries - development of tropical fruit industry	6
	RP-08-88	Industrial standardization	8
Chile	RP-02-2	Metallurgical industries - industrial processing of copper	2
	RP-04-2	Chemical industries - industrial fermentation	4

UNIDO REGULAR PROGRAMME (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>THE AMERICAS (cont'd)</u>			
Chile (cont'd)	EP-04-3	Chemical industries - pulp and paper	4
	EP-10-89	Industrial training	10
Colombia	EP-02-91	Steel industry	2
	EP-12-2	Industrial programming and policies	12
Costa Rica	EP-09-90	Training in industrial information	9
	EP-12-2	Industrial programming	12
Dominican Republic	EP-06-93	Light industry - food processing	6
	EP-11-2	Small-scale industries development	11
Ecuador	EP-02-2	Metallurgical industry	2
	EP-02-94	Steel industry	2
	EP-06-3	Food and light industries - technology and cold storage (refrigeration) in fish industry; development of textile industry	6
El Salvador	EP-01-95	Engineering industry - assembly plants	1
	EP-11-2	Small-scale industries development	11
Guatemala	EP-09-96	Training in industrial information	9
	EP-12-2	Industrial programming	12
Guyana	EP-06-2	Food and light industries - food processing	6
	EP-06-97	Light industries - management, food processing, wood industrial processing	6

UNIDO REGULAR PROGRAMME (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>THE AMERICAS (cont'd)</u>			
Haiti	RP-11-1	Small-scale industries development	11
Honduras	RP-04-2	Chemical industries - technology of pulp and paper	4
	RP-04-98	Chemical industry - pulp and paper	4
Jamaica	RP-03-99	Building materials - ceramics	3
	RP-11-2	Small-scale industries development	11
Mexico	RP-01-100	Electronic equipment production	1
	RP-12-2	Industrial programming	12
Nicaragua	RP-04-101	Chemical industry	4
	RP-12-2	Industrial programming	12
Panama	RP-01-2	Industrial engineering - ship repairing	1
Paraguay	RP-03-103	Building materials - cement	3
	RP-04-130	Chemical industries	4
	RP-06-4	Food and light industries - tropical fruit processing technology	6
Peru	RP-06-2	Food and light industries - fish protein concentrate production	6
	RP-10-104	Industrial training	10
Trinidad and Tobago	RP-06-2	Food and light industries - fish industry development	6
	RP-11-105	Small-scale industries development	11

UNIDO REGIONAL PROGRAMS (cont'd)

<u>Region and</u> <u>Country</u>	<u>Project No.</u>	<u>Project title</u>	<u>UNIDO</u> <u>activity</u> <u>years</u>
<u>BRAZIL</u>			
<u>Paraguay</u>	EP-04-3	Food and light industries - meat preservation	6
	EP-04-106	Light industries - food processing	6
<u>Venezuela</u>	EP-01-2	Engineering industries	1
	EP-02-107	Metallurgical industries	2
<u>Regional</u>	EP-02-3	Metallurgical industries	2
	EP-02-108	Metallurgical industries	2
	EP-04-6	Chemical industries	4
	EP-04-109	Chemical industries	4
	EP-08-5	Industrial research	8
	EP-08-110	Industrial research	8
	EP-12-8	Industrial programming	12
	EP-12-111	Industrial planning and programming	12
<u>ALGERIA</u>			
<u>Algeria</u>	EP-12-67	Industrial planning	12
<u>India</u>	EP-04-66	Development of chemical industries	4
	EP-04-2	Food and light industries - modern methods of rice processing, protein production from eggs from	6

UNEP REGULAR PROGRAMME (cont'd)

UNIDO
activity
Group

Region and country Project no. Project title

ASIA AND THE PACIFIC

cont'd

Cambodia	RP-06-2	Food and light industries - rice processing	6
	RP-11-44	Development of small and medium-scale industry	11
Ceylon	RP-01-5	Engineering industries	1
	RP-03-52	Building materials - ceramics	3
	RP-04-50	Chemical industry	4
	RP-13-6	Investment promotion	13
	RP-13-146	Industrial financing	13
China	RP-01-4	Engineering industries	1
	RP-04-3	Chemical industry	4
	RP-05-139	Petrochemical industries	5
	RP-06-5	Industrial research	7
	RP-06-53	Industrial research	8
Fiji (Oceania)	RP-12-1	Industrial programming	12
	RP-13-54	Industrial investments	13
India	RP-02-57	Iron and steel industry	2
	RP-05-1	Petrochemical industries	5
	RP-06-5	Food and light industries - rice processing	6
	RP-10-55	Industrial engineering	10

Region and
Country

Project No.

Project Title

WIK
activity

(cont'd)

Indonesia	IP-05-61	Fertilizer industry	5
	IP-10-3	Industrial management	10
	IP-12-2	Industrial planning	12
Iran	IP-01-4	Engineering industries	1
	IP-03-3	Building materials industries - glass	3
	IP-05-5	Fertilizer industries	5
	IP-06-7	Food and light industries - food processing in agro-industrial complex	6
	IP-08-6	Industrial research	8
	IP-08-83	Industrial research	8
	IP-10-140	Industrial training	10
Lebanon	IP-06-2	Food and light industries - food processing adviser	6
	IP-06-64	Food and light industries - feasibility studies for food industry	6
Malaysia	IP-12-65	Industrial planning	12
	IP-13-66	Investment promotion	13
Senegal	IP-06-67	Food and light industries - fur production and food industries	6
	IP-12-2	Industrial programming	12
Togo	IP-03-68	Construction industries	3
	IP-04-3	Chemical industries	4
	IP-06-4	Food and light industries - wood processing	6
	IP-06-69	Food and light industries - wood processing, cotton industry	6

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WORLD INDUSTRIAL PROGRAMME (cont'd)

UNIDO
activity
Group

Region and country	Project no.	Project title
<u>ASIA AND THE PACIFIC</u>		
	cont'd	
Pakistan	IP-02-4	Metalurgical industries
	IP-04-70	Chemical industries
	IP-05-3	Fertilizer industry
	IP-06-71	Food and light industries - food processing
	IP-12-5	Industrial planning
Paper and New Guinea (Oceania)	IP-03-1	Building materials
Philippines	IP-01-72	Engineering industries
	IP-04-73	Chemical industries
	IP-06-3	Food and light industries - production of irradiated plastic, impregnated soft wood, vegetable oil processing, research practice on rice processing (bran oil extraction)
Republic of Korea	IP-02-74	Metalurgical industries
Republic of Vietnam	IP-08-1	Industrial standardization
Singapore	IP-01-2	Engineering industries
	IP-07-3	Chemical and petrochemical industries
	IP-10-76	Industrial management

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Region and
Country
Project No.
Project Title

Region and Country	Project No.	Project Title	NID activity
Thailand	IP-03-77	Building materials - cement	3
	IP-04-76	Chemical industry	4
	IP-06-142	Food and light industries - textile industries	6
	IP-08-141	Industrial standardization	8
	IP-10-143	Industrial training	10
	IP-12-6	Industrial programming	12
Eastern Europe	IP-11-79	Small-scale industries	11
	IP-01-81	Industrial engineering - agricultural machinery and transport equipment	1
Regional	IP-03-8	Metallurgical industries	2
	IP-03-82	Metallurgical industries	2
	IP-05-9	Fertilizer industries	5
	IP-05-84	Fertilizer industries	5
	IP-06-7	Food and light industries - oils and fats industries	6
	IP-06-10	Food and light industries - rice processing engineer	6
	IP-06-83	Food and light industries - oils and fats industries	6
	IP-08-86	Industrial standardization	8
	IP-12-6	Industrial programming	12
	IP-12-82	Industrial economics	12

THE MEDITERRANEAN REGION - cont'd.

<u>Region and Country</u>	<u>Project title</u>	<u>UNIDO activity</u>	<u>Group</u>
<u>Albania</u>	RF-11-2	Engineering industries - machine tools production	1
	RF-13-12	Building materials industry - tiles production	3
<u>Bulgaria</u>	RF-01-11	Engineering industry - production of highly accurate gears	1
	RF-12-150	Implementation of industrial projects - training workshop	12
<u>Cyprus</u>	RF-11-7	Small-scale industries	11
	RF-14-114	Export promotion	14
<u>Greece</u>	RF-12-2	Industrial planning	12
	RF-13-115	Industrial policies	13
<u>Hungary</u>	RF-01-2	Engineering industries - electronic	1
	RF-01-152	Engineering industries - mechanical and electrical	1
	RF-12-3	Industrial programming	12
	RF-12-116	Industrial planning and programming	12
<u>Iraq</u>	RF-05-3	Fertilizer industries - in-plant training	5
	RF-12-126	Industrial planning	12
<u>Israel</u>	RF-14-4	Export promotion - industrial marketing survey	14
	RF-06-7	Food and light industries - leather processing industries	6
	RF-14-127	Promotion of export-oriented industries	14

UNIDO INDUSTRIAL PROGRAMME (cont'd)

<u>Region and Country</u>	<u>Project No.</u>	<u>Project Title</u>	<u>UNIDO Activity</u>
Jordan	IP-01-2	Engineering industries - repair and maintenance	1
	IP-02-126	Metallurgical industries	2
	IP-05-2	Fertilizer industries - in-plant training	5
	IP-05-129	Chemical industry - petrochemicals	5
Lebanon	IP-11-1	Small-scale industries	11
	IP-04-2	Chemical industries	4
Philippines	IP-06-117	Light industry	6
	IP-01-3	Engineering industries	1
Poland	IP-02-2	Metallurgical industries	2
	IP-02-116	Metallurgical industries	2
	IP-04-4	Chemical industries	4
	IP-01-2	Engineering industries	1
Romania	IP-02-120	Metallurgical industries	2
	IP-03-3	Buildings, materials industries	3
	IP-11-2	Small-scale industries	11
Saudi Arabia	IP-11-131	Small-scale industries	11
	IP-01-1	Engineering industries	1

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UNIDO INDUSTRIAL PROGRAMS (cont'd)

UNIDO
activity
years

Region and country Project No. Project title

EUROPEAN AREA cont'd

Spain	IP-01-121	Engineering industry	1
Greece	IP-05-3	Fertilizer industries	5
	IP-05-133	Fertilizer industries	5
	IP-10-132	Industrial management	10
	IP-12-4	Industrial programming	12
Turkey	IP-01-122	Industrial engineering	1
	IP-02-2	Metallurgical industries	2
	IP-12-157	Implementation of industrial projects	12
Yemen	IP-11-1	Small-scale industries	11
Poland	IP-01-4	Industrial engineering	1
	IP-03-5	Building materials industries	3
	IP-03-123	Industrial construction	3
	IP-10-3	Industrial management	10
	IP-10-124	Industrial management	10
Regional	IP-12-2	Industrial planning and programming	12
	IP-12-134	Industrial planning and programming	12

WORLD BANK APPROPRIATE cont'd

<u>Region and Sector</u>	<u>Project No.</u>	<u>Project Title</u>	<u>WIDC activity code</u>
<u>INTERNATIONAL</u>	EP-01-2	Engineering industries	1
	EP-08-3	Metallurgical industries	2
	EP-05-4	Petrochemical industries	5
	EP-10-151	In-plant training programs in iron and steel industries in the Russian UR	10
	EP-11-5	Small-scale industries	11
	EP-12-6	Industrial programming and policies	12
	EP-12-135	Interregional advisors	12
	EP-13-149	Group training programs - investment promotion	13
	EP-13-155	Group training in investment promotion	13

III. PROJECTS

Region and Country	Project No.	Project Title	WIDA Activity Group
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AFRICA

Algeria	67/40 AAF-0	Assistance in the reactivation of the mineral factory	6
	67/48 AAF-4	Assistance in the reactivation of the glass industry	3
	68/550 AAF-5	Assistance to the Société Nationale des Algées	6
	68/411 BEI-1	Feasibility study for the establishment of a tobacco processing industry	6
	68/412 BEI-2	Assistance for the establishment of a mining industry	6
	68/413 BEI-4	Feasibility study for a particle board plant	6
	68/454 BEI-2	Preliminary study for the production of organic fertilizer	5
Cameroon	69/617 BEI-7	Study of possibilities for manufacture of bags from local fibres	6
	67/165 CMB-1	Industrial finance adviser to the National Investment Corporation	13
	67/233 CMB-2	First industrial estate	11
Central African Republic	68/562 CAF-2	Assistance to a plywood mill in Lake region	6
	68/560 CAF-4	Assessment of the possibilities of establishing medicinal plants and essential oils	6
	68/352 CAF-6	Feasibility study for cement industrialization	6
	69/506 CAF-8	Survey of industrial opportunities	15
Cote d'Ivoire	68/549 CHD-1	Assistance to the Société des Industries de la Côte du Pêche	6
	67/151 COM E-1	Assistance to the vegetable oil industry	6
Conakry	67/159 COM E-2	Study of the industrial development of the Point Noire district	12

213 PROJECTS cont'd

Region and
country

Project title

UNIDO
activity
years

AFRICA cont'd

Congo Brazzaville cont'd	67/171 COM B-3	Pre-investment study for the establishment of a pineapple canning industry	6
	68/417 COM B-5	Possibility study for the establishment of a pulp and paper industry	4
Ivory Coast	67/155 MAI-1	Assistance to a marble cutting and polishing factory	3
	69/59 MAI-2	Ship building and repair	1
	69/611 MAI-3	Assistance in the development of cashew nut processing industry	6
	67/141 ETH-5	Assistance for improving the quality of hides and skins to meet leather industry specifications	6
	68/316 ETH-9	Assistance to the leather and shoe industry	6
Cote d'Ivoire	68/427 ETH-15	Possibility study on the establishment of a plant for soluble coffee	6
	69/541 CAG-3	Exploratory mission - industrial development programming	12
	69/491 CAG-1	Exploratory mission - industrial development programming	12
Togo	69/601 CAG-2	Industrial survey - food technology	15
	66/2 CMA-2	Assistance to the Fibre Bag Manufacturing Corporation, Kamsi	10
	67/163 CMA-5	Assistance to Ghana Industrial Holding Corporation	10
	69/544 CMA-7	Industrial promotion adviser	13
	69/593 CMA-9	Assistance in valuation of physical assets	7

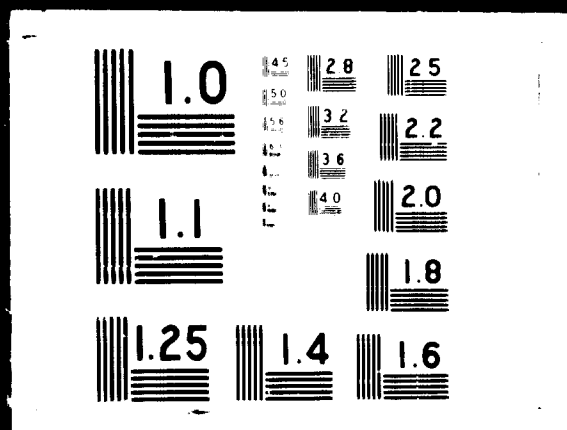


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SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA (cont'd)</u>			
Guinea	67/186 GUI-1	Assistance to the research. test and control laboratory for vegetable and essential oils	6
	68/418 GUI-5	Feasibility study on the establishment of a pulp and paper industry	4
	69/507 GUI-6	Study on the feasibility of composting town's garbage at Conakry	5
Kenya	67/122 KEN-1	Industrial processing of maize	6
	67/123 KEN-2	Industrial estate, Nairobi - common facility centre	11
	68/391 KEN-9	Preparation and promotion of specific industrial projects	13
	68/433 KEN-8	Industrial survey	15
Lesotho	69/555 LES-1	Exploratory mission for a first stage industrial survey mission	15
Liberia	67/133 LIR-5	Assistance to steel project co-ordinating unit	2
Madagascar	67/128 MAC-1	Technical assistance to SOMABRI brickworks	3
	67/154 MAC-4	Assistance to the Tulear Vegetable Oil Company	6
	68/420 MAC-7	Assistance to pulp and paper industry	4
Mali	67/167 MLI-2	Assistance in the elaboration of industrial development plan	12
	67/183 MLI-3	Meat processing industry development	6
	67/220 MLI-4	Organizing and establishing an industrial information centre in Bamako	9
	68/304 MLI-7	Organization of state-owned enterprises	8

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
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AFRICA (cont'd)

Mauritania	68/368 MAU-2	Assistance in development of small-scale industries	11
Mauritius	67/225 MAR-4	Assistance to the tuna fish processing industry	6
	67/230 MAR-5	Utilization of by-products of sugar-cane industries	6
	69/465 MAR-7	Feasibility study for the establishment of a cement industry	3
	69/581 MAR-8	Assistance in establishment of a free zone - exploratory mission	14
	69/600 MAR-10	Survey of the clay products industry	3
Morocco	67/69 MOR-2	Assistance to the SONAFAB fish protein concentrate plant	6
	69/480 MOR-11	Iron ore pelletizing marketing study	2
Nigeria	68/338 NIR-10	Assistance to the Midwest Glass Industry at Ugbeli	10
Rwanda	68/308 RWA-5	Industrial estates at Kigali - small-scale industries	11
	68/328 RWA-11	Feasibility study for the establishment of a malt production factory	6
	68/331 RWA-9	Industrial investment promotion	13
	68/381 RWA-8	Assistance for the reactivation of the Rwantexco blanket factory	6
	69/574 RWA-19	Feasibility study for the establishment of a local textile manufacturing industry	6
Senegal	67/184 SEN-1	Thiès industrial estate - pre-investment	11
	67/191 SEN-2	Development of an aluminium foundry shop	2

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA (cont'd)</u>			
Sierra Leone	67/134 SIL-1	Particle board factory project	13
	68/378 SIL-2	Assistance in the establishment of the national development bank	13
Sudan	67/60 SUD-3	Improvement of the efficiency of public sector industries	10
	67/152 SUD-7	Assistance for the establishment of a plant - ammonia and urea	5
	68/257 SUD-10	Training of Sudanese nationals for the running and control of four food processing plants	6
	68/262 SUD-8	Assistance to the Khartoum tannery	6
	68/263 SUD-9	Assistance to the Nile Cement Company in Rabak - production	3
	68/287 SUD-13	Assistance to small-scale industry	11
	68/326 SUD-15	Assistance to the Industrial Bank of Sudan	13
	68/354 SUD-12	Feasibility study for the expansion of the sugar industry	6
	68/377 SUD-16	Survey of the edible oils and fats industry	6
	68/419 SUD-17	Review of the industrial legislation - patents and industrial property	7
	69/512 SUD-14	National industrial survey	15
	69/550 SUD-18	Assistance and development of small-industries	11
Togo	67/156 TOG-1	Cassava agro-industrial complex	6
	69/603 TOG-3	Preparation of industrial project reports for an investment promotion meeting - exploratory mission	13

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
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AFRICA (cont'd)

Tunisia	67/74 TUN-4	Assistance for the development of the Société de Fonderie et de Mécanique (SOFOMECA)	2
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	68/297 TUN-10	Assistance to the Ateliers Mécaniques du Sahel	10
	68/436 TUN-11	Exploratory mission in the field of industrial co-operatives	9
	69/463 TUN-12	Organization of "Journées de Promotion des Investissements"	13

Uganda	68/290 UGA-4	Assistance to TUMEPCCO on enamelled household electric appliance production	1
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	69/451 UGA-7	Feasibility study for paper manufacturing from papyrus	4
	69/516 UGA-10	Assistance to the tannery industry	6
	69/592 UGA-13	Assistance to the cashew nut processing industry	6

United Arab Republic	67/78 UAR-7	Assistance to the Edfu bagasse pulp and paper mill	4
	67/223 UAR-12	Assistance to the Organic Chemical Industries Company	4
	68/234 UAR-16	Advisory mission on the techno-administrative structure of heavy mineral black beach sands project	2

	68/289 UAR-15	Design of insulation of high voltage transmission lines	1
	68/291 UAR-13	Industrial production of raw and natural silk	6
	68/373 UAR-23	Repair and maintenance of technical apparatus and equipment at agricultural research stations	1

	68/374 UAR-22	Assistance to the textile finishing industry	6
	68/382 UAR-21	Quality control development programme	10
	68/394 UAR-20	Assistance to the mechanical department of the Egyptian railways	1
	68/425 UAR-25	Assistance to Aswan steel project	2

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>AFRICA (cont'd)</u>			
United Arab Republic (cont'd)	69/471 UAR-5	Feasibility study for a phosphorus and phosphatic fertilizer complex - phase II	5
	69/472 UAR-6	Assistance in assessing the feasibility of establishing an ammonia/urea fertilizer plant - phase II	5
	69/549 UAR-28	Assistance to the organic chemical industries company at Hawamdia	4
	69/558 UAR-29	Repair and maintenance of facilities in bus transport industry	1
Upper Volta	68/280 UPV-3	Feasibility study for the establishment of a pilot industrial estate	11
	68/320 UPV-8	Assistance in the development of the vegetable oil processing industry	6
	69/505 UPV-4	Programme of agro-industrial development - phase I	6
	69/529 UPV-11	Dry battery plant pre-investment study	1
Zambia	67/164 ZAM-3	Rationalization, development and expansion of the metalworking and engineering industries	1
East African Community	68/364 EAC-4	Survey of the textile industry	6
Regional	69/523 AFR-11	Exploratory mission of motor vehicle assembly in East Africa	1

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>	
<u>THE AMERICAS</u>				
Argentina	67/206 ARG-2	Food industry development	6	
	67/252 ARG-5	Assistance to small-scale industry	11	
	68/286 ARG-6	Assistance in the establishment of an aluminum industry	2	
	69/474 ARG-8	Footwear industry production and management	6	
	69/497 ARG-9	Tanned leather export promotion	14	
	69/498 ARG-10	Steel products marketing - marketing study on the pattern of metal products	2	
	Barbados	69/515 BAR-2	Assistance to the Barbados Development Board	10
		68/296 BOL-5	Development of the ceramics industry	3
		68/298 BOL-8	Assistance in the establishment of a vegetable oil processing industry	5
	Brazil	69/506 BOL-2	Assistance for the establishment of a refractory products industry	3
67/228 BRA-6		Tetraethyl lead project	5	
67/238 BRA-8		Assistance to Petróbrás in financial planning	10	
68/227 BRA-4		Assistance to the Commission for Industrial Development	10	
68/264 BRA-11		Assistance to the Commission for Industrial Development	8	
68/312 BRA-14		Assistance in the establishment of industrial estates	11	
68/434 BRA-15		Assistance in the development of small and medium-scale industries	11	
69/501 BRA-17		Assistance in the field of industrial programming	12	
69/534 BRA-16		Assistance to the textile industry	6	

<u>SIS PROJECTS (cont'd)</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>Region and country</u>			
<u>THE AMERICAS (cont'd)</u>			
British Honduras	69/553 BRH-1	Assistance in the establishment of a lime industry	3
Chile	68/337 CHI-3	Assistance to the textile industry	6
	69/514 CHI-5	Capacity study of iron and steel industry - iron and steel adviser	2
	69/587 CHI-6	Assistance to Instituto Nacional de Investigación Tecnológica y Normalización (INDITECNOR)	2
	69/588 CHI-7	Development of the plastics industry	5
Colombia	68/278 COL-4	Assistance to the Forjas de Colombia	1
Cuba	69/479 CUB-1	Assistance to the pulp and paper industry	4
Dominican Republic	67/146 DOM-2	Rehabilitation of bagasse building boards factory - Dominico Suiza CA	4
	68/327 DOM-6	Assistance to the Public Enterprises Corporation	12
	69/496 DOM-7	Assistance to the integrated cotton mill "Sacos y Tejidos Dominicanos"	6
	69/631 DOM-11	Assistance in the field of paper technology	4
Ecuador	68/302 ECU-5	Assistance in the reorganization of the textile industry sector	6
	68/376 ECU-7	Assistance to the Centro de Desarrollo (CENDES) - industrial management	10
	68/388 ECU-6	Assistance for the development of the fruit processing industry	6
	68/395 ECU-8	Industrial survey	15

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>THE AMERICAS (cont'd)</u>			
<u>El Salvador</u>	68/271 ELS-1	Assistance in the preparation of a development programme of small-scale industries	11
	69/464 ELS-3	Advisory mission of two experts on industrial project implementation	12
<u>Guyana</u>	68/355 GUY-3	Assistance to Guyana Marketing Corporation	6
	69/453 GUY-4	Assistance to a particle board plant	6
<u>Haiti</u>	68/284 HAI-1	Industrial programming and project planning	12
<u>Honduras</u>	69/557 HON-2	Assistance in surveying the fruit processing industry	6
<u>Jamaica</u>	67/153 JAM-1	Direction and management of Things Jamaican Craft Development Corporation	11
	67/256 JAM-2	Assistance to the furniture industry	6
	68/272 JAM-3	Assistance to Jamaica Ceramics Limited - production and technical operations control	3
	68/311 JAM-4	Management service, public works department maintenance workshops	10
	69/517 JAM-5	Assistance to Jamaica Ceramics Limited - industrial management (OPEX)	10
	69/562 JAM-6	Surveys for the promotion of the chemical, electrical and metal industries	1,4
<u>Nicaragua</u>	67/109 NIC-1	Petrochemical complex - low density polyethylene and polyvinyl chlorine	4
<u>Panama</u>	69/546 PAN-1	Assistance to the National Laboratory of Standards	8

<u>SIS PROJECTS (cont'd)</u>	<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>THE AMERICAS (cont'd)</u>				
Paraguay	69/494 PAR-4	Assistance to the Paraguay wood processing industry - through the Technical Standards National Institute	6	
Peru	69/543 PAR-5	Assistance in reviewing the industrial policies and programming	13	
	67/161 PER-2	Feasibility study for a bagasse pulp and paper project for Pucala Limited	4	
	67/188 PER-3	Assistance in improving the performance of the textile industry	6	
Trinidad and Tobago	68/408 TRI-9	Assistance to fruit processing industry	6	
	68/415 TRI-6	Furfural industry	4	
	69/545 TRI-10	Assistance in the field of petrochemicals marketing - exploratory mission	5	
	69/564 TRI-15	Assistance in development of small industries	11	
Venezuela	68/295 VEN-4	Industrial project implementation	5	
Regional	68/360 LA-4	Study on the industrial development in the member countries of the Caribbean Free Trade Association (CARIFTA)	13	
	69/477 LA-5	Exploratory mission on industrial policies	13	
	69/488 LA-2	Assistance to petrochemical and assembly industries	5	
	69/591 LA-7	Ecuador, Peru, Bolivia - exploratory mission to assist the solar salt industry	4	

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>ASIA AND THE FAR EAST</u>	Ceylon		
	67/178 CEY-1	Assistance to the Paranthan Chemicals - production of chlorine and caustic soda	4
	67/222 CEY-3	Assistance to the Oils and Fats Corporation	6
	67/243 CEY-6	Assistance for the vegetable oil industry development	6
	68/285 CEY-4	Assistance to the Mineral Sands Corporation	2
	68/435 CEY-11	Feasibility study for the manufacture of agar-agar	6
	69/495 CEY-9	Assistance for the production of synthetic resin adhesives for plywood, chipboard and related products	6
	69/537 CEY-12	Development of the basic chemical industries	4
	69/563 CEY-13	Development of the gem industry	2
	China		
	67/111 CHA-3	Assistance to the China Productivity and Trade Centre in the field of industrial executive development and consultation	10
	67/116 CHA-4	Promotion of export-oriented industries	14
	67/119 CHA-6	Process selection for manufacturing melamine	4
	67/120 CHA-7	Assistance in quality improvement in the production of synthetic fibres	4
68/392 CHA-9	Assistance to the Union Industrial Research Institute	8	
68/443 CHA-10	Assistance to Taiwan Aluminium Corporation	2	
69/490 CHA-12	Assistance to the Union Industrial Research Institute in the field of instrumentation	4	
69/500 CHA-11	Assistance to the Union Industrial Research Institute in the field of high polymers	5	
69/540 CHA-14	Metal industry research and development	2	

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>ASIA AND THE FAR EAST</u>			
<u>Fiji (Oceania)</u>	69/531 FIJ-1	Assistance for the expansion and development of metal products factories	1
	69/532 FIJ-2	Advice on the development of tanning and footwear manufacturing	6
	69/533 FIJ-4	Assistance in fruit and vegetable processing and marketing	6
	69/542 FIJ-3	Assistance for the development of shipbuilding and repairing facilities	1
<u>Hong Kong</u>	69/487 HONG-1	Assistance to the electrical industry	1
<u>India</u>	69/484 IND-17	Electrical industry, Bhopal	1
	69/486 IND-13	Assistance to Indian mica industry	2
	69/501 IND-19	Advice on the establishment of subcontracting exchanges in Bombay	11
	69/556 IND-11	Organization and management quality control schemes and seminars on quality control techniques	10
	69/580 IND-18	Assistance in export promotion of pharmaceuticals, essential oils, toiletries, cosmetics, dyes	14
	69/626 IND-21	Exploratory mission to assess the solar salt industry	4
<u>Indonesia</u>	67/174 IMS-3	Organization and production improvement of three state-owned spinning mills	6
	67/176 IMS-5	Metalworking industry	10
	67/177 IMS-6	Assistance to three paper mills in Java	10
	68/322 IMS-9	Assistance to the Tjilegon Steel Plant - wire drawing mill	2
	69/589 IMS-11	Assistance to the Coa Paper Mill for quality improvement and production increase	4

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>ASIA AND THE FAR EAST</u>			
<u>Iran</u>	68/356 IRA-14	Identification of sources of finance for specific industrial projects - phase II	13
	68/410 IRA-17	Advisory mission on project preparation and evaluation - aluminium reduction plant	12
	69/519 IRA-20	Comparative study of Iranian and Coan iron ores - exploratory mission	2
	69/524 IRA-21	Arak machine building plant - exploratory mission	10
	69/527 IRA-19	Exploratory mission to investigate short and long-term plans to be undertaken with a view to designing a management information and decision-making system in the Ministry of Economy	10
	69/538 IRA-24	Advisory panel on industrial policies for the following branches of industry: textiles, electrical and electronics, automotive and pharmaceuticals	13
<u>Laos</u>	69/539 IRA-25	Advisory mission on industrial and trade wastes	4
	69/608 IRA-26	Assistance in the mining of decorative building stones	3
	68/336 LAO-2 69/577 LAO-3	Improvement of production methods of a match factory Industrial survey	6 15
<u>Malaysia</u>	67/244 MAL-3	Assistance in upgrading the quality and production of the leather industry	6
	68/300 MAL-4	Assistance to Federal Industrial Development Authority (FIDA) in the field of promotion and co-ordination	12
	69/489 MAL-5	Textile marketing study	6
	69/503 MAL-9	Feasibility study for the establishment of joinery and furniture industries	6

<u>SIS PROJECTS (cont'd)</u>	<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
	<u>ASIA AND THE FAR EAST</u>			
	Malaysia (cont'd)	69/504 MAL-8	Feasibility study for the establishment of a particle board plant	6
	Mongolia	69/469 MON-1	Exploratory mission for identifying urgent areas of technical assistance in the field of industry	12
		69/597 MON-2	Complex service team in maintenance and repair of industrial equipment	1
	Pakistan	68/400 FAK-3	Small-scale industry promotion	11
		68/444 PAK-4	Industrial management advisory and problem solving mission in cotton textile industry - industrial management clinic	10
		69/473 PAK-7	Assistance to the East Pakistan Industrial Development Corporation (EPIDC)	6,10
		69/499 PAK-5	Survey to formulate recommendations for co-ordination and efficient utilization of the steel, iron and engineering industries in Pakistan	10
	Philippines	67/253 PHI-5	Pilot industrial estate at Limay	11
		67/254 PHI-3	Assistance to board of investments	1
		69/478 PHI-7	Assistance to the National Institute of Science and Technology	8
		69/521 PHI-8	Industrial estate at Limay and Sapang Palay	11
		69/599 PHI-10	Assistance in the evaluation of pulp and kraft paper production from abaca stalks	4
		69/604 PHI-11	Assistance to board of investments	5
	Republic of Korea	69/565 KOR-4 and 5	Assistance to Korea Productivity Centre (KPC) for the establishment of a quality control system and development of repair and maintenance facilities	1

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>ASIA AND THE FAR EAST</u>			
<u>Singapore</u>			
	67/129 SIN-1	Fire safety in industrial establishments	7
	68/333 SIN-5	Assistance in the field of industrial product design	6
	68/334 SIN-6	Assistance to wood-working industries	6
	68/358 SIN-7	Assistance to the printing industry	6
	68/359 SIN-9	Assistance to the leather products factory	6
	68/402 SIN-8	Assistance to the ship repair and shipbuilding industry	1
	68/403 SIN-10	Assistance to the footwear industry	6
	68/404 SIN-11	Assistance in management accounting to the Economic Development Board	10
	68/405 SIN-12	Assistance in management accounting to the light industries services	10
	69/609 SIN-13	Assistance to the food processing industry	6
<u>Thailand</u>			
	68/301 THA-7	Marketing organization for small-scale industries and handicrafts	11
	68/386 THA-5	Assistance to the rice processing industry	6
	68/389 THA-3	Assistance in standard national industrial classification system	12
	68/416 THA-4	Feasibility study for the establishment of an industry based on kenaf	6
	69/468 THA-8	Advice on the organization and operations of the Sugar Institute and Sugar Advisory Board	6
	69/594 THA-9	Assistance in the development of rubber products industry	6
	69-595 THA-10	Modernization and expansion of the wood processing industries	6

<u>SIS PROJECTS (cont'd)</u>		<u>Project title</u>	<u>UNIDO activity group</u>
<u>Region and country</u>	<u>Project no.</u>		
<u>EUROPE AND THE MIDDLE EAST</u>			
Bulgaria	68/268 BUL-3	Assistance in the establishment of a packing media scientific research and experimental centre	8
	69/483 BUL-4	Paper technology - production and quality control	4
Cyprus	66/48 CYP-6	Assistance to asbestos pipe plant project	3
	68/372 CYP-8	Industrial standardization of quality control	8
Hungary	69/548 HUN-1	Assistance in packaging industry - exploratory mission	8
Iceland	68/449 ICE-2	Export sales promotion of the integrated fish processing industry	6
Iraq	68/422 IRQ-2	Assistance in the preparation of a development plan for industrial manufacture of liquid invert sugar from dates	6
	69/481 IRQ-3	Evaluation of offers for manufacture of fibreboard from date palm wastes	4
	69/518 IRQ-4	Assistance and advice to the Industrial Bank on industrial programmes	13
Israel	69/502 ISR-2	Assistance to metal-finishing industry	2
	69/508 ISR-4	Assistance to government mint	1
	69/511 ISR-3	Consultant to the clothing industry	6
Kuwait	69/462 KUW-2	Small-scale industry adviser	11
Romania	68/315 ROM-1	Welding of lightweight alloys	2
	69/452 ROM-3	Assistance in appraisal of the state of technology of precision measure and process control instruments	1

SIS PROJECTS (cont'd)

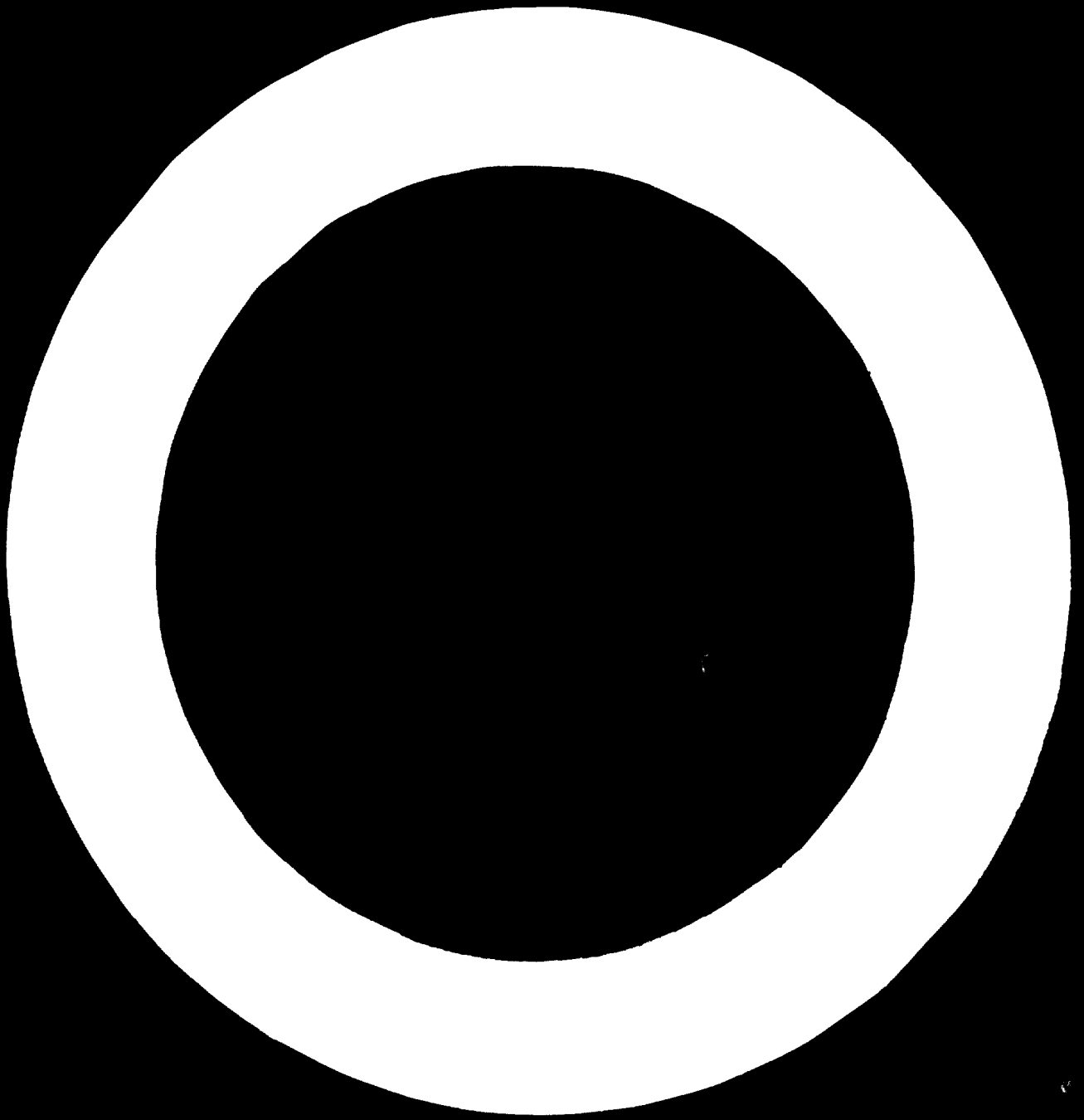
<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST</u>			
Romania (cont'd)	69/485 ROM-4	Assistance to the building research institute	3
	69/530 ROM-6	Metal corrosion prevention	2
Southern Yemen	68/450 SYE-3	Assistance to rehabilitate the salt industry	4
Syria	68/306 SYR-8	Assistance to steel rolling mill	2
	68/309 SYR-5	Assistance to Homs nitrogen fertilizer project	5
	68/325 SYR-3	Study of fertilizer requirements and urea production	5
	68/441 SYR-12	Assistance for the expansion and modernization of the electric cable industry	1
	68/445 SYR-4	Advice on industrial utilization of sodium chloride	4
	68/448 SYR-14	Assistance to asbestos-cement processing factory	3
	69/492 SYR-17	Complex service team in maintenance and repair of industrial equipment	1
	69/509 SYR-19	Adviser on natural gas development - petrochemicals and fertilizers	5
	69/513 SYR-18	Assistance to integrated iron and steel industry	2
	69/535 SYR-16	Assistance to insecticides industry	5
	69/536 SYR-15	Assistance to the Al Nasr Radio and TV Company	1
	69/579 SYR-22	Assistance to the "Al Shark" beer processing factory	6
	69/607 SYR-23	Assistance to the engineering works in Aleppo	1
	69/619 SYR-24	Assistance to assess present status of solar salt industry sectors and to recommend implementation steps for their initiation, modernization, and/or mechanization	4

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST</u>			
Turkey	67/195 TUR-4	Assistance in surveying the iron and steel industry	2
	68/313 TUR-11	Feasibility study on the establishment of an aluminium industry	2
	69/493 TUR-12	Small industry development - sub-contractors' exchanges	11
Yugoslavia	68/339 YUG-3	Establishment of a market research and product forecasting programme for a group of industries	10
	68/340 YUG-4	Establishment and management of a computer based production planning and control system at the shipyards "3 May" and "Tito"	10
	68/342 YUG-6	Assistance to "21 May" automobile engines manufacturing plant	10
	68/343 YUG-13	Assistance to the "14 October" mechanical factory	10
	68/345 YUG-9	Assistance to petrochemical industries	5
	68/346 YUG-12	Assistance in beer fermentation to three breweries	6
	68/347 YUG-11	Assistance to furniture industry	10
	68/431 YUG-5	Establishment and management of a computer based production planning and control system at "Energoinvest", Sarajevo and "Hasan Brkic", Zenica	10
	68/437 YUG-9B	Assistance to petrochemical industry	5
	68/438 YUG-9C	Assistance to petrochemical industry	5
	68/440 YUG-15	Industrial management consultations and problem solving mission in electro-mechanical industry - industrial management clinic	10
	68/456 YUG-7A	Vacuum steel degassing project	2
	69/455 YUG-14	Assistance to the wood industrial enterprise "Janj" in Donji Vakuf	6
	69/457 YUG-7B	Roll pass design expert	2

SIS PROJECTS (cont'd)

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST</u>			
Yugoslavia (cont'd)	69/459 YUG-7D	Stainless and alloy steel rolling	2
	69/460 YUG-7E	Assistance to the Zenica plant on iron and steel production	2
	69/461 YUG-7F	Steel ingot re-heating and soaking project	2
	69/466 YUG-16	Assistance to the "Crni Bor" wood industrial enterprise in Prilep	6
	69/566 YUG-17	Production development trends and by-product finalization - processing of coal into fuels and complex fertilizers	
<u>INTERREGIONAL</u>			
	68/424 INT-5	Campaign for improvement of repair and maintenance facilities	1
	69/475 INT-6	Exploratory mission in the field of maintenance and repair of industrial equipment	1
	69/510 INT-7	Industrial training course in production and use of pesticides	5
	69/525 INT-8	Evaluation of opportunities for implementation of projects in the field of heavy industry	1
	69/605 INT-10	Regional co-operation in the establishment of manufacturing units in the heavy electrical and heavy engineering branches of industry	12



ANNEX II

LIST OF FIELD ACTIVITIES
BY REGIONS AND COUNTRIES

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>AFRICA</u>				
Algeria	ALG-18	Centre for industrial and technological studies - phase II	SF	5
	ALG-69/1	Modernization of the lock factory "Serrurerie Chaabia"	TA	1
	ID/RP-12-1	Industrial planning and programming	RP	12
	ID/RP-06-2	Food and light industries - milling techniques	RP	6
	67/85/ALG-2	Assistance in the reactivation of the Cobiscal factory	SIS	6
	67/88/ALG-4	Assistance in the reactivation of the glass industry	SIS	3
	69/559/ALG-9	Assistance to the Société National des Lièges	SIS	6
Botswana	ID/RP-11-2	Industrial estates	RP	11
	ID/RP-11-3	Small-scale industry development	RP	11
Burundi	BUR/68/3	Development of small and medium-scale industries	TA	11
	RP-12-3	Industrial planning	RP	12
	RP-06-2	Food and light industries - food processing and tobacco processing	RP	6
	RP-11-3	Small-scale industries development	RP	11
	68/411 BDI-1	Feasibility study on the establishment of a tobacco processing industry	SIS	6
	68/412 BDI-3	Assistance for the establishment of a milling industry	SIS	6
	68/413 BDI-4	Feasibility study for a particle board plant	SIS	6
	68/454 BDI-2	Preliminary study for the production of organic fertilizer	SIS	5
	69/617 BDI-7	Study of possibilities for manufacture of bags from local fibres	SIS	6

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<u>AFRICA (cont'd)</u>				
Cameroon	CAM/69/3	Development of small-scale industries	TA	11
	RP-03-2	Building materials industry	RP	3
	RP-11-4	Small-scale industries	RP	11
	67/165 CMR-1	Industrial finance adviser to the National Investment Corporation	SIS	13
	67/233 CMR-2	Pilot industrial estate	SIS	11
	RP-11-5	Small-scale industry development	RP	11
	RP-11-7	Small-scale industry development	RP	11
	RP-06-2	Food and light industries - cassava processing, production of food-stuffs	RP	6
	RP-12-3	Industrial programming	RP	12
	68/362 CAP-2	Assistance to a plywood mill in Lobaye region	SIS	6
68/380 CAP-4	Assessment of the possibilities of establishing medicinal plants and essential oils industry	SIS	6	
68/351 CAP-6	Feasibility study for cassava industrialization	SIS	6	
69/586 CAP-8	Survey of industrial opportunities	SIS	15	
Chad	RP-06-3	Food and light industries - modern milling techniques	RP	6
	RP-03-4	Building materials industries - cement	RP	3
	RP-12-5	Industrial programming	RP	12
	68/349 CHD-1	Assistance to the Société des Industries de la Viande du Tchad	SIS	6

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Congo (Brazzaville)	67/151 CON (B)-1	Assistance to the vegetable oil industry	SIS	6
	67/159 CON (B)-2	Study of the industrial development of the Point Noire district	SIS	12
	67/171 CON (B)-3	Pre-investment study for the establishment of a pineapple canning industry	SIS	6
	68/417 CON (B)-5	Feasibility study for the establishment of a pulp and paper industry	SIS	4
	RP-11-7	Small-scale industry development	RP	11
Congo (Democratic Republic of)	RP-11-8	Small-scale industries development - industrial management	RP	11
	RP-11-2	Small-scale industries development - industrial engineering	RP	11
Dahomey	DAH/69/1	Development of small-scale industries	TA	11
	RP-12-9	Industrial programming	RP	12
	RP-12-2	Industrial programming - training, industrial project formulation	RP	12
	RP-09-3	Industrial information - training	RP	9
	67/155 DAH-1	Assistance to a marble cutting and polishing factory	SIS	3
	69/590 DAH-2	Shipbuilding and repair	SIS	1
	69/611 DAH-3	Assistance in the development of cashew nut processing industry	SIS	6

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<u>AFRICA (cont'd)</u>				
<u>Ethiopia</u>	ETH/68/27	Industrial standardization	TA	8
	RP-12-10	Industrial planning and programming	RP	12
	67/141 ETH-3	Assistance for improving the quality of hides and skins to meet leather industry specifications	SIS	6
	68/316 ETH-9	Assistance to the leather and shoe industry	SIS	6
	68/427 ETH-13	Feasibility study on the establishment of a plant for soluble coffee	SIS	6
<u>Cabon</u>	RP-12-2	Industrial programming - feasibility studies and evaluation of industrial projects	RP	12
	69/541 GAB-3	Exploratory mission - industrial development programming	SIS	12
<u>Gambia</u>	RP-10-12	Industrial management	RP	10
	RP-12-2	Industrial programming - evaluation of industrial projects	RP	12
	69/491 GAM-1	Exploratory mission - industrial development programming	SIS	12
	69/601 GAM-2	Industrial survey - food technology	SIS	15
<u>Ghana</u>	CHA-28	Assistance to the Ghana Industrial Holding Corporation	SF	10
	CHA/69/7	Assistance to Central Investment Board	TA	13
	RP-08-13	Industrial research - training	RP	8
	RP-10-2	Industrial management	RP	10
	66/2 GHA-2	Assistance to the Fibre Bag Manufacturing Corporation, Kumasi	SIS	10

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<u>AFRICA (cont'd)</u>				
Ghana (cont'd)	67/163 GHA-5	Assistance to Ghana Industrial Holding Corporation	SIS	10
	69/544 GHA-7	Industrial promotion adviser	SIS	13
	69/593 GHA-9	Assistance in valuation of physical assets	SIS	7
Guinea	RP-10-14	Industrial management	RP	10
	RP-12-2	Industrial programming	RP	12
	67/186 GUI-1	Assistance to the research, test and control laboratory for vegetable and essential oils	SIS	6
	68/418 GUI-5	Feasibility study on the establishment of a pulp and paper industry	SIS	4
	69/507 GUI-6	Study on the feasibility of composting town's garbage at Conakry	SIS	5
Ivory Coast	IVC-13	Centre for industrial studies and promotion	SF	13
	RP-06-2	Food and light industries - agro-industrial training	RP	6
Kenya	RP-11-16	Industrial estates	RP	11
	RP-06-2	Food and light industries - modern techniques of corn processing	RP	6
	RP-11-3	Industrial estates	RP	11
	67/122 KEN-1	Industrial processing of maize	SIS	6
	67/123 KEN-2	Industrial estate, Nairobi - common facility centre	SIS	11
	68/391 KEN-9	Preparation and promotion of specific industrial projects	SIS	13
	68/433 KEN-8	Industrial survey	SIS	15

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<u>AFRICA (cont'd)</u>				
Lesotho	LES/68/12	Industrial organization and administration	TA	9
	RP-11-2	Small-scale industries development	RP	11
	69/555 LES-1	Exploratory mission for a first stage industrial survey mission	SIS	15
Liberia	LIR/68/11	Small-scale industrial development	TA	11
	67/133 LIR-5	Assistance to steel project co-ordinating unit	SIS	2
Libya	LIB-12	Centre for industrial development and research, Tripoli	SF	8
	LIB/68/14	Assistance to the industrial research laboratories of the Ministry of Industry	TA	8
	RP-10-2	Industrial management	RP	10
Madagascar	MAG/68/8	Industrial investment promotion	TA	13
	MAG/68/9	Industrial planning	TA	12
	RP-06-3	Food and light industries - agro-industrial training	RP	6
	RP-11-4	Industrial estates	RP	11
	RP-12-5	Industrial programming	RP	12
	RP-09-6	Industrial information	RP	9
	RP-03-58	Building materials industries - brick production	RP	3
	67/128 MAG-1	Technical assistance to SOMABRI brickworks	SIS	3
	67/154 MAG-4	Assistance to the Tulear Vegetable Oil Company	SIS	6
	68/420 MAG-7	Assistance to pulp and paper industry	SIS	4

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<u>AFRICA (cont'd)</u>				
Malawi	RP-09-21	Industrial organization and administration	RP	9
	RP-08-2	Industrial legislation -- standardization	RP	8
Mali	MLI/69/3	Assistance in the elaboration of industrial development plan	TA	12
	RP-10-22	Industrial management	RP	10
	RP-12-23	Industrial programming -- project evaluation	RP	12
	RP-06-2	Food and light industries -- agro-industrial training	RP	6
	67/167 MLI-2	Assistance in the elaboration of industrial development plan	SIS	12
	67/183 MLI-3	Meat processing industry development	SIS	6
	68/304 MLI-7	Organization of state-owned enterprises	SIS	8
67/220 MLI-4	Organizing and establishing an industrial information centre in Bamako.	SIS	9	
Mauritania	RP-09-24	Industrial organization and administration	RP	9
	RP-06-2	Food and light industries -- new techniques in food industries	RP	6
	68/368 MAU-2	Assistance in development of small-scale industries	SIS	11
Mauritius	RP-08-25	Industrial standardization	RP	8
	RP-06-2	Food and light industries -- fish processing industries	RP	6
	67/230 MAR-5	Utilization of by-products of sugar-cane industries	SIS	6
	67/225 MAR-4	Assistance to the tuna fish processing industry	SIS	6

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<u>AFRICA (cont'd)</u>				
Mauritius (cont'd)	69/465 MAR-7	Feasibility study for the establishment of a cement industry	SIS	3
	69/581 MAR-8	Assistance in establishment of a free zone - exploratory mission	SIS	14
	69/600 MAR-10	Survey of the clay products industry	SIS	3
Morocco	RP-02-59	Metallurgical industry	RP	2
	RP-12-3	Industrial programming - evaluation of industrial projects	RP	12
	67/69 MOR-2	Assistance to the SONAFAB fish protein concentrate plant	SIS	6
	69/480 MOR-11	Iron ore pelletizing marketing study	SIS	2
Niger	NER/68/22	Industrial promotion	TA	13
	RP-12-27	Industrial planning and programming	RP	12
Nigeria	NIR/68/7	Industrial programming - feasibility studies	TA	12
	NIR/69/13	Industrial programming	TA	12
	NIR/69/23	Assistance to the steel industry	TA	2
	RP-09-28	Industrial organization and administration	RP	9
	RP-10-2	Industrial training - in-plant training in fermentation technology	RP	10
	RP-06-3	Food and light industries - refrigeration techniques	RP	6
	68/338 NIR-10	Assistance to the Midwest Glass Industry at Ugheli	SIS	10

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<u>AFRICA (cont'd)</u>				
Rwanda	RWA-3	Pilot plant for industrialization and pyrethrum production, Mukingo	SF	5
	RWA/68/14	Small-scale industrial development	TA	11
	RP-12-29	Industrial planning and programming	RP	12
	RP-06-30	Light industries - leather tanning	RP	6
	RP-06-3	Food and light industries - fruit and vegetable processing, tea processing	RP	6
	68/308 RWA-5	Industrial estates at Kigali - small-scale industries	SIS	11
	68/331 RWA-9	Industrial investment promotion	SIS	13
	68/328 RWA-11	Feasibility study for the establishment of a malt production factory	SIS	6
	68/381 RWA-8	Assistance for the reactivation of the Rwantexo blanket factory	SIS	6
	69/574 RWA-19	Feasibility study for the establishment of a local textile manufacturing industry	SIS	6
<u>Senegal</u>				
	SEN/68/14	Promotion of export-oriented industries	TA	14
	SEN/69/5	Assistance to SAFAL - aluminium industries	TA	2
	RP-11-31	Small-scale industries development	RP	11
	RP-06-2	Food and light industries - animal products, industrial processing	RP	6
	RP-11-3	Industrial estates	RP	11
	RP-09-4	Training in industrial information	RP	9
	67/184 SEN-1	Thiès industrial estate - pre-investment	SIS	11

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AFRICA (cont'd)				
Sierra Leone	RP-09-2	Industrial organization and administration	RP	9
	RP-09-32	Industrial organization and administration	RP	9
	67/134 SIL-1	Particle board factory project	SIS	13
	68/378 SIL-2	Assistance in the establishment of the national development bank	SIS	13
Somalia	SOM/68/21	Industrial development	TA	12
	RP-06-3	Food and light industries - agro-industrial training	RP	6
	RP-11-2	Small-scale industries development	RP	11
	RP-12-33	Industrial planning and programming	RP	12
Sudan	SUD-12	Industrial research institute, Khartoum	SF	8
	SUD/69/5	Vegetable oil processing - assistance to the Ministry of Commerce and Supply	TA	6
	SUD/69/7	Operation of ginning factories	TA	6
	RP-06-3	Food and light industries - oil seed industries	RP	6
	RP-06-34	Food industries	RP	6
	RP-08-5	Industrial standardization	RP	8
	RP-10-34	Industrial training	RP	10
	RP-12-4	Industrial programming	RP	12
	67/60 SUD-3	Improvement of the efficiency of public sector industries	SIS	10
	67/152 SUD-7	Assistance for the establishment of a plant - ammonia and urea	SIS	5

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AFRICA (cont'd)				
Sudan (cont'd)	68/262 SUD-8	Assistance to the Khartoum tannery	SIS	6
	68/263 SUD-9	Assistance to the Nile Cement Company in Rabak - production	SIS	3
	68/257 SUD-10	Training of Sudanese nationals for the running and control of four food processing plants	SIS	6
	68/287 SUD-13	Assistance to small-scale industry	SIS	11
	69/512 SUD-14	National industrial survey	SIS	15
	68/326 SUD-15	Assistance to the Industrial Bank of Sudan	SIS	13
	68/377 SUD-16	Survey of the edible oils and fats industry	SIS	6
	68/419 SUD-17	Review of the industrial legislation - patents and industrial property	SIS	7
	68/354 SUD-12	Feasibility study for the expansion of the sugar industry	SIS	6
	69/550 SUD-18	Assistance and development of small industries	SIS	11
Swaziland	ID/RP-09-1	Training in industrial information	RP	9
Togo	TOG-12	Fertilizer use, promotion, demonstration and production scheme, Lomé	SF	5
	ID/RP-11-35	Small-scale industries development	RP	11
	ID/RP-11-2	Small-scale industries development	RP	11
	ID/RP-06-3	Food and light industries - cassava production, agro-industrial training	RP	6
	67/166 TOG-1	Cassava agro-industrial complex	SIS	6
	69/603 TOG-3	Preparation of industrial project reports for an investment promotion meeting - exploratory mission	SIS	13

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<u>AFRICA (cont'd)</u>				
<u>Tunisia</u>	TUN-15	National centre for industrial studies	SF	12
	TUN-27	Centre for the development of prototype tools	SF	1
	ID/RP-12-36	Industrial programming	RP	12
	ID/RP-06-2	Food and light industries - refrigeration techniques	RP	6
	67/74 TUN-4	Assistance for the development of the Société de Fonderie et de Mécanique (SOFOMECA)	SIS	2
	68/297 TUN-10	Assistance to the Ateliers Mécaniques du Sahel	SIS	10
	68/436 TUN-11	Exploratory mission in the field of industrial co-operatives	SIS	9
	69/463 TUN-12	Organization of "Journées de Promotion des Investissements"	SIS	13
<u>Uganda</u>	UGA-7	Small industries development programme and establishment of an industrial estate, Kampala	SF	11
	UGA/68-19	Industrial planning and programming	TA	11
	ID/RP-09-37	Industrial organization and administration	RP	9
	ID/RP-06-2	Food and light industries - production of protein from soya bean	RP	6
	68/290 UGA-4	Assistance to TUMPECO on enamelled household electric appliance production	SIS	1
	69/516 UGA-10	Assistance to the tannery industry	SIS	6
	69/451 UGA-7	Feasibility study for paper manufacturing from papyrus	SIS	4
	69/592 UGA-13	Assistance to the cashew nut processing industry	SIS	6

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AFRICA (cont'd)				
United Arab Republic	UAR-55	Engineering and industrial design development centre, Cairo	SF	1
	UAR-62	Textile quality control centre, Alexandria	SF	6
	UAR-69	Demonstration pesticide production plant based on chlorine and bromine resources	SF	5
	UAR/69-1	Catgut manufacturing	TA	6
	UAR/68-8	Quality control	TA	10
	UAR/68-12	Tin lithographing and varnishing	TA	6
	UAR/69-10	Repair and maintenance - case study of a textile company and investigation of the requirements for the textile industry	TA	1
	UAR/69-25	Project study and evaluation	TA	12
	ID/RP-01-62	Light industries - use of particle board in furniture construction and special finishing of textiles (non-iron and drip-dry)	RP	1
	ID/RP-02-3	Metallurgical industry	RP	2
ID/RP-05-4	Fertilizer industry	RP	5	
ID/RP-09-75	Training in industrial information	RP	9	
ID/RP-10-6	Industrial management	RP	10	
67/78 UAR-7	Assistance to the Edfu bagasse pulp and paper mill	SIS	4	
67/223 UAR-12	Assistance to the Organic Chemical Industries Company	SIS	4	
68/291 UAR-13	Industrial production of raw and natural silk	SIS	6	

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<u>AFRICA (cont'd)</u>					
United Arab Republic (cont'd)	68/289 UAR-15	Design of insulation of high-voltage transmission lines	SIS	1	
	68/234 UAR-16	Advisory mission on the techno-administrative structure of heavy mineral black beach sands project	SIS	2	
	68/394 UAR-20	Assistance to the mechanical department of the Egyptian railways	SIS	1	
	68/382 UAR-21	Quality control development programme	SIS	10	
	68/374 UAR-22	Assistance to the textile finishing industry	SIS	6	
	68/425 UAR-25	Assistance to Assuan steel project	SIS	2	
	68/373 UAR-23	Repair and maintenance of technical apparatus and equipment at agricultural research stations	SIS	1	
	69/472 UAR-6	Assistance in assessing the feasibility of establishing an ammonia/urea fertilizer plant - phase II	SIS	5	
	69/471 UAR-5	Feasibility study for a phosphorus and phosphatic fertilizer complex - phase II	SIS	5	
	69/549 UAR-28	Assistance to the organic chemical industries company at Kessandia	SIS	4	
	69/558 UAR-29	Repair and maintenance of facilities in bus transport industry	SIS	1	
	United Republic of Tanzania	TAN-10	Industrial studies and development centre, Dar-es-Salaam	SP	12
		ID/RP-05-39	Fertilizer industry development	RP	5
ID/RP-06-40		Light industries - textile industry	RP	6	
ID/RP-10-3		Industrial management	RP	10	
ID/RP-13-68		Industrial policies	RP	13	

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<u>AFRICA (cont'd)</u>				
Upper Volta	UPV/68-20	Small and medium-scale industrial development	TA	11
	ID/RP-12-41	Industrial policies and programming	RP	12
	ID/RP-06-2	Food and light industries - agro-industrial training, meat processing, feasibility studies for food industry	RP	6
	68/280 UPV-3	Feasibility study for the establishment of a pilot industrial estate	SIS	11
	68/320 UPV-8	Assistance in the development of the vegetable oil processing industry	SIS	6
	69/529 UPV-11	Dry battery plant pre-investment study	SIS	1
	69/505 UPV-4	Programme of agro-industrial development - phase I	SIS	6
Zambia	ZAM-6	Development of small-scale industries	SP	11
	ZAM/68-15	Assistance to Industrial Development Corporation of Zambia Limited	TA	13
	ID/RP-09-42	Training in industrial information	RP	9
	ID/RP-10-2	Industrial management - training in specific industrial management subjects for managers and high-level technical personnel	RP	10
	67/164 ZAM-3	Rationalization, development and expansion of the metal-working and engineering industries	SIS	1
East African Community	EAC/68/10	Industrial unit (OPAS)	TA	10
	68/364 EAC-4	Survey of the textile industry	SIS	6

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AFRICA (cont'd)				
The Maghreb Countries	REG-72	Centre of industrial studies for the Maghreb	SF	12
Regional	AFR/69-1	West African regional workshop - financial analysis and planning industrial projects	TA	13
	ID/RP-13-43	Industrial promotion - project evaluation and industrial financing	RP	13
	ID/RP-02-7	Metallurgical industries	RP	2
	ID/RP-02-45	Iron and steel industry	RP	2
	ID/RP-04-8	Chemical industries	RP	4
	ID/RP-04-46	Chemical industry	RP	4
	ID/RP-06-9	Food and light industries - regional adviser, mechanical forest industries	RP	6
	ID/RP-06-126	Mechanical forest industries	RP	6
	ID/RP-06-153	Food industries (OCAM) - meat marketing	RP	6
	ID/RP-11-6	Small-scale industries development	RP	11
	ID/RP-11-44	Small-scale industries development	RP	11
	RP/11-160	Small-scale industries development	RP	11
	ID/RP-12-148	UNIDO/IDEP course on industrial development planning, Nairobi	RP	12
	ID/RP-13-10	Industrial promotion - project evaluation and industrial financing	RP	13
	69/523 AFR-11	Exploratory mission of motor vehicle assembly in East Africa	SIS	1
	REG-43	African Development Bank: pre-investment unit	SF	13

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<u>THE AMERICAS</u>				
Argentina	ARG/68-6	Assistance to the National Institute for Industrial Technology (INTI)	TA	1,2,3,4,6
	ARG/68-5	Development of aluminium industry	TA	2
	ARG/69-4	Export promotion of manufactured goods	TA	14
	ID/RP-01-85	Engineering industries - electronic computers and machine tools	RP	1
	ID/RP-05-2	Fertilizer industry	RP	5
	ID/RP-06-3	Food industries - advanced techniques for food preservation	RP	6
	ID/RP-05-158	Plastics industries	RP	5
	67/206 ARG-2	Food industry development	SIS	6
	67/252 ARG-5	Assistance to small-scale industry	SIS	11
	68/286 ARG-6	Assistance in the establishment of an aluminium industry	SIS	2
	69/498 ARG-10	Steel products marketing - marketing study on the pattern of metal products	SIS	2
	69/497 ARG-9	Tanned leather export promotion	SIS	14
	69/474 ARG-8	Footwear industry production and management	SIS	6
Barbados	ID/RP-12-86	Industrial programming	RP	12
	ID/RP-06-2	Food industries	RP	6
	69/515 BAR-2	Assistance to the Barbados Development Board	SIS	10

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<u>THE AMERICAS (cont'd)</u>				
Bolivia	BOL-20	Experimental production plant for asbestos processing	SF	3
	ID/RP-12-2	Industrial planning	RP	12
	68/296 BOL-5	Development of the ceramics industry	SIS	3
	68/298 BOL-8	Assistance in the establishment of a vegetable oil processing industry	SIS	5
	69/506 BOL-2	Assistance in the establishment of a refractory products industry	SIS	3
Brazil	BRA/68-25	Technical assistance to SUDENE	TA	4,11
	ID/RP-05-2	Fertilizer industry	RP	5
	ID/RP-06-3	Food and light industries - development of tropical fruit industry	RP	6
	ID/RP-08-88	Industrial standardization	RP	8
	68/227 BRA-4	Assistance to the Commission for Industrial Development	SIS	10
	67/228 BRA-6	Tetraethyl lead project	SIS	5
	67/238 BRA-8	Assistance to Petrosas in financial planning	SIS	10
	68/264 BRA-11	Assistance to the Commission for Industrial Development	SIS	8
	68/312 BRA-14	Assistance in the establishment of industrial estates	SIS	11
	68/434 BRA-15	Assistance in the development of small and medium-scale industries	SIS	11
	69/501 BRA-17	Assistance in the field of industrial programming	SIS	12
	69/534 BRA-16	Assistance to the textile industry	SIS	6

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<u>THE AMERICAS (cont'd)</u>				
British Honduras	69/553 BRH-1	Assistance in the establishment of a lime industry	SIS	3
Chile	CHI-39	Metalworking industry testing centre, Santiago	SF	1
	CHI/68-5	Manufacturing of capital goods	TA	1
	CHI/69-12	Technical industry survey	TA	15c
	ID/RP-10-89	Industrial training	RP	10
	ID/RP-02-2	Metallurgical industries - industrial processing of copper	RP	2
	ID/RP-04-2	Chemical industries - industrial fermentation	RP	4
	ID/RP-04-3	Chemical industries - pulp and paper	RP	4
Colombia	68/337 CHI-3	Assistance to the textile industry	SIS	6
	69/514 CHI-5	Capacity study of iron and steel industry - iron and steel adviser	SIS	2
	69/587 CHI-6	Assistance to Instituto Nacional de Investigación Tecnológica y Normalización (INDITECNOR)	SIS	2
	69/588 CHI-7	Development of the plastics industry	SIS	5
	COL-30	Institute for Technological Research, Bogotá - phase II	SF	8
	COL/68-18	Industrial programming	TA	12
	COL/68-23	Engineering industry - tool design and production	TA	1
Colombia	COL/68-20	Sectorial studies for the Industrial Development Institute	TA	12
	ID/RP-02-91	Steel industry	RP	2
	ID/RP-12-2	Industrial programming and policies	RP	12
	68/278 COL-4	Assistance to the Forjas de Colombia	SIS	1

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<u>THE AMERICAS (cont'd)</u>				
Costa Rica	COS/68-6	Export promotion	TA	14
	ID/RP-09-90	Training in industrial information	RP	9
	ID/RP-12-2	Industrial programming	RP	12
Cuba	69/479 CUB-1	Assistance to the pulp and paper industry	SIS	4
Dominican Republic	DOM/68-8	Development of small and medium-scale industries	TA	11
	DOM/68-7	Industrial development - assistance to the Public Enterprises Corporation (CORDE)	TA	10,12
	ID/RP-06-93	Light industry - food processing	RP	6
	ID/RP-11-2	Small-scale industries development	RP	11
	67/146 DOM-2	Rehabilitation of bagasse building boards factory - Dominco Suiza CA	SIS	4
	68/327 DOM-6	Assistance to the Public Enterprises Corporation	SIS	12
	69/496 DOM-7	Assistance to the integrated cotton mill "Sacos y Tejidos Dominicanos"	SIS	6
	69/631 DOM-11	Assistance in the field of paper technology	SIS	4
Ecuador	ECU/68-22	Industrial programming	TA	12
	ID/RP-02-94	Steel industry	RP	2
	ID/RP-02-2	Metallurgical industry	RP	2
	ID/RP-06-3	Food and light industries - technology and cold storage (refrigeration) in fish industry; development of textile industry	RP	6

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<u>THE AMERICAS (cont'd)</u>				
Ecuador (cont'd)	68/302 ECU-5	Assistance in the reorganization of the textile industry sector	SIS	6
	68/388 ECU-6	Assistance in the development of the fruit processing industry	SIS	6
	68/376 ECU-7	Assistance to the Centro de Desarrollo (CENDES) - industrial management	SIS	10
	68/395 ECU-8	Industrial survey	SIS	15
<u>El Salvador</u>				
	ELS/68-6	Small-scale industries development	TA	11
	ID/RP-01-95	Engineering industry - assembly plants	RP	1
	ID/RP-11-2	Small-scale industries development	RP	11
	68/271 ELS-1	Assistance in the preparation of a development programme of small-scale industries	SIS	11
	69/464 ELS-3	Advisory mission of two experts on industrial project implementation	SIS	12
<u>Guatemala</u>				
	ID/RP-09-96	Training in industrial information	RP	9
	ID/RP-12-2	Industrial programming	RP	12
<u>Guyana</u>				
	ID/RP-06-97	Light industries - management, food processing, wood industrial processing	RP	6
	ID/RP-06-2	Food and light industries - food processing	RP	6
	68/355 GUY-3	Assistance to Guyana Marketing Corporation	SIS	6
	69/453 GUY-4	Assistance to a particle board plant	SIS	6

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<u>THE AMERICAS (cont'd)</u>				
Haiti	HAI/68-8	Assistance to essential oils and fats production	TA	6
	ID/RP-11-1	Small-scale industries development	RP	11
	68/284 HAI-1	Industrial programming and project planning	SIS	12
Honduras	HON/68-3	Industrial development and productivity	TA	12
	HON/68-15	Industrial promotion - assistance to National Bank for Development	TA	13
	ID/RP-04-98	Chemical industry - pulp and paper	RP	4
	ID/RP-04-2	Chemical industries - technology of pulp and paper	RP	4
	69/557 HON-2	Assistance in surveying the fruit processing industry	SIS	6
Jamaica	JAM/69-1	Industrial management - director of Things Jamaican Craft Development Corporation (OPAS)	TA	11
	JAM/69-2	Industrial management	TA	10b
	ID/RP-03-99	Building materials - ceramics	RP	3
	ID/RP-11-2	Small-scale industries development	RP	11
	67/153 JAM-1	Direction and management of Things Jamaican Craft Development Corporation	SIS	11
	67/256 JAM-2	Assistance to the furniture industry	SIS	6
	68/272 JAM-3	Assistance to Jamaica Ceramics Limited - production and technical operations control	SIS	3
	68/311 JAM-4	Management service, public works department maintenance workshops	SIS	10

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<u>THE AMERICAS (cont'd)</u>				
Jamaica (cont'd)	69/517 JAM-5	Assistance to Jamaica Ceramics Limited - industrial management (OPEX)	SIS	10
	69/562 JAM-6	Surveys for the promotion of the chemical, electrical and metal industries	SIS	1,4
Mexico	MEX/68-16	Methodology programming of the mechanical and chemical industries	TA	1
	ID/RP-01-100	Electronic equipment production	RP	1
	ID/RP-12-2	Industrial programming	RP	12
Nicaragua	NIC/68-2	Industrial policies	TA	12
	NIC/68-12	International marketing	TA	14
	ID/RP-04-101	Chemical industry	RP	4
	ID/RP-12-2	Industrial programming	RP	12
	67/109 NIC-1	Petrochemical complex - low density polyethylene and polyvinyl chloride	SIS	4
Panama	ID/RP-01-2	Industrial engineering - ship repairing	RP	1
	69/546 PAN-1	Assistance to the National Laboratory of Standards	SIS	8
Paraguay	PAR-8	Technical Standards National Institute - phase II	SF	8
	PAR-68-5	Industrial programming and policies	TA	12
	ID/RP-03-103	Building materials - cement	RP	3

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<u>THE AMERICAS (cont'd)</u>					
Paraguay (cont'd)	ID/RP-04-130	Chemical industries	RP	4	
	ID/RP-06-4	Food and light industries - tropical fruit processing technology	RP	6	
	69/494 PAR-4	Assistance to the Paraguay wood processing industry - through the Technical Standards National Institute	SIS	6	
	69/543 PAR-5	Assistance in reviewing industrial policies and programming	SIS	13	
Peru	PER/69-1	Automotive industry development	TA	1	
	PER/69-2	Shipbuilding industry	TA	1	
	ID/RP-10-104	Industrial training	RP	10	
	ID/RP-06-2	Food and light industries - fish protein concentrate production	RP	6	
	67/161 PER-2	Feasibility study for a bagasse pulp and paper project for Pucala Limited	SIS	4	
	67/188 PER-3	Assistance in improving the performance of the textile industry	SIS	6	
Trinidad and Tobago	TRI-5	Caribbean Industrial Research Institute, Port-of-Spain	SF	8	
	ID/RP-11-105	Small-scale industries development	RP	11	
	ID/RP-06-2	Food and light industries - fish industry development	RP	6	
	68/415 TRI-6	Furfural industry	SIS	4	
	68/408 TRI-9	Assistance to fruit processing industry	SIS	6	
	69/545 TRI-10	Assistance in the field of petrochemicals marketing - exploratory mission	SIS	5	
	69/564 TRI-15	Assistance in development of small industries	SIS	11	

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<u>THE AMERICAS (cont'd)</u>				
Uruguay	ID/RP-C6-106	Light industries - food processing	RP	6
	ID/RP-O6-3	Food and light industries - meat preservation	RP	6
Venezuela	VEN/68-6	Assistance to the Venezuelan Development Corporation	TA	1
	ID/RP-02-107	Metallurgical industries	RP	2
	ID/RP-01-2	Engineering industries	RP	1
	68/295 VEN-4	Industrial project implementation	SIS	5
Regional	LA/68-1	Central American programming mission	TA	12
	ID/RP-02-108	Metallurgical industries	RP	2
	ID/RP-04-109	Chemical industries	RP	4
	ID/RP-08-110	Industrial research	RP	8
	ID/RP-12-111	Industrial planning and programming	RP	12
	ID/RP-08-5	Industrial research	RP	8
	ID/RP-04-6	Chemical industries	RP	4
	ID/RP-02-3	Metallurgical industries	RP	2
	ID/RP-12-8	Industrial programming	RP	12
	68/360 LA-4	Study on the industrial development in the member countries of the Caribbean Free Trade Association (CARIFTA)	SIS	13
	69/477 LA-5	Exploratory mission on industrial policies	SIS	13
	69/488 LA-2	Assistance to petrochemical and assembly industries	SIS	5
	69/591 LA-7	Ecuador, Peru, Bolivia - exploratory mission to assist the solar salt industry	SIS	4

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>ASIA AND THE FAR EAST</u>				
Afghanistan	APG/68/4 ID/RP-12-47	Assistance in introducing the metric system Industrial planning	TA RP	8 12
Burma	ID/RP-06-2 ID/RP-04-48	Food and light industries - modern methods of rice processing, protein production from soya bean Development of chemical industries	RP RP	6 4
Cambodia	UNIDO/CAM/ 68/15 ID/RP-11-49 ID/RP-06-2	Industrial planning Development of small and medium-scale industry Food and light industries - rice processing	TA RP RP	12 11 6
Ceylon	UNIDO/CEY/ 68/3 UNIDO/CEY/ 69/12 UNIDO/CEY/ 69/24 ID/RP-04-50 ID/RP-03-52 ID/RP-13-138 ID/RP-01-5	Assistance to the Ceylon Ceramics Corporation Development of chemical industry Industrial design for small-scale industry Chemical industry Building materials - ceramics Industrial financing Engineering industries	TA TA TA RP RP RP RP	3 4 11 4 3 13 1

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>	
<u>ASIA AND THE FAR EAST</u> (cont'd)	ID/RP-13-6	Investment promotion	PP	13	
	67/178 CEY-1	Assistance to Paranthan Chemicals - production of chlorine and caustic soda	SIS	4	
	67/222 CEY-3	Assistance to the Oils and Fats Corporation	SIS	6	
	68/285 CEY-4	Assistance to the Mineral Sands Corporation	SIS	2	
	67/243 CEY-6	Assistance for vegetable oil industry development	SIS	6	
	68/435 CEY-11	Feasibility study for the manufacture of agar-agar	SIS	6	
	69/537 CEY-12	Development of the basic chemical industries	SIS	4	
	69/495 CEY-9	Assistance for the production of synthetic resin adhesives for plywood, chipboard and related products	SIS	6	
	69/563 CEY-13	Development of the gem industry	SIS	2	
	China	UNIDO/CHA/68/2	Industrial management and training	TA	10b
		UNIDO/CHA/68/8	Sea salt manufacturing techniques	TA	4
		ID/RP-08-53	Industrial research	RP	8
		ID/RP-05-139	Petrochemical industries	RP	5
ID/RP-04-3		Chemical industry	RP	4	
ID/RP-01-4		Engineering industries	RP	1	
ID/RP-08-5		Industrial research	RP	8	
67/111 CHA-3		Assistance to the China Productivity and Trade Centre in the field of industrial executive development and consultation	SIS	10	

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<u>ASIA AND THE FAR EAST (cont'd)</u>				
China (cont'd)	67/116 CHA-4	Promotion of export-oriented industries	SIS	14
	67/119 CHA-6	Process selection for manufacturing melamine	SIS	4
	67/120 CHA-7	Assistance in quality improvement in the production of synthetic fibres	SIS	4
	69/500 CHA-11	Assistance to the Union Industrial Research Institute in the field of high polymers	SIS	5
	68/443 CHA-10	Assistance to Taiwan Aluminium Corporation	SIS	2
	68/392 CHA-9	Assistance to the Union Industrial Research Institute	SIS	8
	69/540 CHA-14	Metal industry research and development	SIS	2
	69/490 CHA-12	Assistance to the Union Industrial Research Institute in the field of instrumentation	SIS	4
<u>Pfji (Oceania)</u>				
	150-67 UNIDO/ FLJ/68/3	Industrial programming	TA	12
	ID/EP-13-54	Industrial investments	RP	13
	ID/EP-12-1	Industrial programming	RP	12
	69/542 FLJ-3	Assistance for the development of shipbuilding and repairing facilities	SIS	1
	69/531 FLJ-1	Assistance for the expansion and development of metal products factories	SIS	1
	69/532 FLJ-2	Advice on the development of tanning and footwear manufacturing	SIS	6
	69/533 FLJ-4	Assistance in fruit and vegetable processing and marketing	SIS	6

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<u>ASIA AND THE FAR EAST (cont'd)</u>				
Hong Kong	69/487 HOMK-1	Assistance to the electrical industry	SIS	1
India	IND-67	Design centre for electrical measuring instruments	SF	1
	UNIDO/IND/69/1	Chemical and petrochemical industries	TA	5
	UNIDO/IND/69/12	Industrial promotion	TA	12
	UNIDO/IND/69/17	Training programme for marketing and export promotion of industrial goods	TA	14
	ID/RP-10-55	Industrial engineering	RP	10
	ID/RP-02-57	Iron and steel industry	RP	2
	ID/RP-05-4	Petrochemical industries	RP	5
	ID/RP-06-5	Food and light industries - Rice processing	RP	6
	69/484 IND-17	Electrical industry, Bhopal	SIS	1
	69/486 IND-13	Assistance to Indian mica industry	SIS	2
	69/556 IND-11	Organization and management quality control schemes and seminars on quality control techniques	SIS	10
	69/501 IND-19	Advice on the establishment of subcontracting exchanges in Bombay	SIS	11
	69/580 IND-18	Assistance in export promotion of pharmaceuticals, essential oils, toiletries, cosmetics, dyes	SIS	14
	69/626 IND-21	Exploratory mission to assess the solar salt industry	SIS	4

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<u>ASIA AND THE FAR EAST (cont'd)</u>				
Indonesia	INS/68/11	Industrial management	TA	10b
	INS/68/12	Industrial research	TA	8
	INS/69/31	Industrial development	TA	1,6,12
	INS/69/28	Loan appraisal	TA	13
	RP-05-61	Fertiliser industry	RP	5
	RP-12-2	Industrial planning	RP	12
	RP-10-3	Industrial management	RP	10
	67/174 INS-3	Organization and production improvement of three state-owned spinning mills	SIS	6
	67/176 INS-5	Metalworking industry	SIS	10
	67/177 INS-6	Assistance to three paper mills in Java	SIS	10
	68/322 INS-9	Assistance to the Tjilegon Steel Plant - wire drawing mill	SIS	2
	69/589 INS-11	Assistance to the Coe Paper Mill for quality improvement and production increase	SIS	4
Iran	IRA-11	Establishment of an industrial estate, Ahmas - development of small-scale industries	SP	11
	IRA-16	Research centre for industrial and trade development	SP	12
	IRA-34	Institute of Standards and Industrial Research, Karaj	SP	8
	UNIDO/IRA/68/28	Development of the food industry	TA	6

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ASIA AND THE FAR EAST (cont'd)				
Iran (cont'd)	UNIDO/IRA/69/6	Establishment of ophthalmic and optical industry	TA	1
	ID/RP-08-03	Industrial research	RP	8
	ID/RP-03-3	Building materials industries - glass	RP	3
	ID/RP-01-4	Engineering industries	RP	1
	ID/RP-05-5	Fertilizer industries	RP	5
	ID/RP-08-6	Industrial research	RP	8
	ID/RP-06-7	Food and light industries - food processing in agro-industrial complex	RP	6
	ID/RP-10-140	Industrial training	RP	10
	68/356 IRA-14	Identification of sources of finance for specific industrial projects - phase II	SIS	13
	68/410 IRA-17	Advisory mission on project preparation and evaluation - aluminium reduction plant	SIS	12
	69/524 IRA-22	Arak machine building plant - exploratory mission	SIS	10
	69/519 IRA-20	Comparative study of Iranian and Coan iron ores - exploratory mission	SIS	2
	69/538 IRA-24	Advisory panel on industrial policies for the following branches of industry: textiles, electrical and electronics, automotive and pharmaceuticals	SIS	13
	69/539 IRA-25	Advisory mission on industrial and trade wastes	SIS	4
	69/527 IRA-19	Exploratory mission to investigate short and long-term plans to be undertaken with a view to designing a management information and decision-making system in the Ministry of Economy	SIS	10

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ASIA AND THE FAR EAST (cont'd)				
Iran (cont'd)	69/608 IMA-26	Assistance in the mining of decorative building stones	SIS	3
Laos	UNIDO/LAO/ 68/5	Industrial development	TA	15
	ID/RP-06-6A	Food and light industries - feasibility studies for food industry	RP	6
	ID/RP-06-2	Food and light industries - food processing adviser	RP	6
	68/336 LAO-2	Improvement of production methods of a match factory	SIS	6
	69/577 LAO-3	Industrial survey	SIS	15
Malaysia				
	UNIDO/MAL/ 68/4	Assistance to Federal Industrial Development Authority (FIDA)	TA	12
	UNIDO/MAL/ 68/5	Assistance to Malaysian Industrial Development Finance Limited (MIDFL)	TA	12
	UNIDO/MAL/ 68/6	Assistance to MARA - trust council for promotion of indigenous enterprises	TA	6,10b
	ID/RP-12-65	Industrial planning	RP	12
	ID/RP-13-66	Investment promotion	RP	13
	67/244 MAL-3	Assistance in upgrading the quality and production of the leather industry	SIS	6
	68/300 MAL-4	Assistance to Federal Industrial Development Authority (FIDA) in the field of promotion and co-ordination	SIS	12

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<u>ASIA AND THE FAR EAST (cont'd)</u>				
Malaysia (cont'd)	69/489 MAL-5	Textile marketing study	SIS	6
	69/504 MAL-8	Feasibility study for the establishment of a particle board plant	SIS	6
	69/503 MAL-9	Feasibility study for the establishment of joinery and furniture industries	SIS	6
Mongolia	MON/69/2	Assistance to meat and milk industry.	TA	6
	MON/68/8	Technological development of the leather goods industry	TA	6
	MON/68/10	Technological development of glass plant in Nailahi	TA	3
	MON/68/11	Technological development of a soap factory at Ulan Bator	TA	4
	MON/68/12	Manufacturing of precious and semi-precious stones	TA	2
	RP-06-67	Food and light industries - fur production and food industries	RP	6
	RP-12-2	Industrial programming	RP	12
	69/469 MON-1	Exploratory mission for identifying urgent areas of technical assistance in the field of industry	SIS	12
	69/597 MON-2	Complex service team in maintenance and repair of industrial equipment	SIS	1
Nepal	RP-03-68	Construction industries	RP	3
	RP-06-69	Food and light industries - wood processing, cotton industry	RP	6
	RP-04-3	Chemical industries	RP	4
	RP-06-4	Food and light industries - wood processing	RP	6

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<u>ASIA AND THE FAR EAST (cont'd)</u>				
Pakistan	PAK-26	Pre-investment studies for the promotion of the fertilizer and petrochemical industries	SF	5
	PAK-48	Centre for the organization and development of the jute industry, Dacca	SF	10b
	PAK/68/8	Industrial programming in East, West and Central Pakistan	TA	12
	UNIDO/PAK/68/9	Assistance to the cement industry	TA	3
	UNIDO/PAK/68/10	Industrial financing	TA	13
	UNIDO/PAK/69/8	Repair and maintenance	TA	1
	UNIDO/PAK/69/5	Iron and steel manufacturing	TA	2
	UNIDO/PAK/69/9	Assistance to wood panel industry	TA	6
	ID/RP-04-70	Chemical industries	RP	4
	ID/RP-06-71	Food and light industries - food processing	RP	6
	ID/RP-05-3	Fertilizer industry	RP	5
	ID/RP-02-4	Metallurgical industries	RP	2
	ID/RP-12-5	Industrial planning	RP	12
	68/400 PAK-3	Small-scale industry promotion	SIS	11
	68/444 PAK-4	Industrial management advisory and problem solving mission in cotton textile industry - industrial management clinic	SIS	10

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<u>ASIA AND THE FAR EAST (cont'd)</u>				
Pakistan (cont'd)	69/499 PAK-5	Survey to formulate recommendations for co-ordination and efficient utilization of the steel, iron and engineering industries in Pakistan	SIS	10
	69/473 PAK-7	Assistance to the East Pakistan Industrial Development Corporation (EPIDC)	SIS	6,10
Papua and New Guinea (Oceania)	UNIDC/PAP/69/2	Indigenous entrepreneurship	TA	10
	UNIDO/PAP/69/3	Assistance to pulp and paper industries	TA	4
	ID/RP-03-1	Building materials	RP	3
Philippines	PHI-30	Metal Industries Development Centre	SP	1
	UNIDO/PHI/68/2	Steel industry	TA	2
	UNIDO/PHI/69/8	Pilot industrial estate at Limay	TA	11
	ID/RP-01-72	Engineering industries	RP	1
	ID/RP-04-73	Chemical industries	RP	4
	ID/RP-06-3	Food and light industries - production of irradiated plastic, impregnated soft wood, vegetable oil processing, research practice on rice processing (bran oil extraction)	RP	6

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ASIA AND THE FAR EAST (cont'd)				
Philippines (cont'd)	67/254 PHI-3	Assistance to board of investments	SIS	1
	67/253 PHI-5	Pilot industrial estate at Limay	SIS	11
	69/478 PHI-7	Assistance to the National Institute of Science and Technology	SIS	8
	69/521 PHI-8	Industrial estate at Limay and Sapang Palay	SIS	11
	69/599 PHI-10	Assistance in the evaluation of pulp and kraft paper production from abaca stalks	SIS	4
	69/604 PHI-11	Assistance to board of investments	SIS	5
Republic of Korea	UNIDO/KOR/69/8	Location of industry	TA	11
	ID/EP-02-74	Metallurgical industries	RP	2
	69/565 KOR-4 and 5	Assistance to Korea Productivity Centre (KPC) for the establishment of a quality control system and development of repair and maintenance facilities	SIS	1
Republic of Viet-Nam	ID/EP-06-1	Industrial standardization	RP	8
Singapore	UNIDO/SIN/68/1	Assistance to the Economic Development Board	TA	1,10,12
	ID/EP-10-76	Industrial management	RP	10
	ID/EP-01-2	Engineering industries	RP	1
	ID/EP-05-3	Chemical and petrochemical industries	RP	5
	67/129 SIM-1	Fire safety in industrial establishments	SIS	7

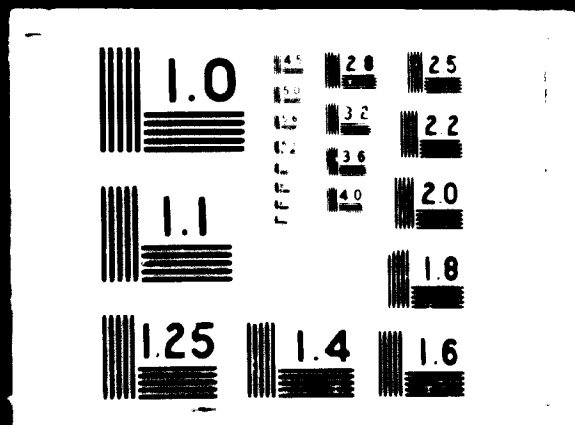


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<u>ASIA AND THE FAR EAST (cont'd)</u>				
<u>Singapore (cont'd)</u>	68/335 SIN-5	Assistance in the field of industrial product design	SIS	6
	68/334 SIN-6	Assistance to wood-working industries	SIS	6
	68/358 SIN-7	Assistance to the printing industry	SIS	6
	68/402 SIN-8	Assistance to the ship repair and shipbuilding industry	SIS	1
	68/359 SIN-9	Assistance to the leather products factory	SIS	6
	68/403 SIN-10	Assistance to the footwear industry	SIS	6
	68/404 SIN-11	Assistance in management accounting to the Economic Development Board	SIS	10
	68/405 SIN-12	Assistance in management accounting to the light industries services	SIS	10
	69/609 SIN-13	Assistance to the food processing industry	SIS	6
<u>Thailand</u>	THAI-16	Technological Research Institute	SP	8
	UNIDO/THA/68/5	Industrial standardization	TA	8
	UNIDO/THA/68/6	Industrial classification	TA	12
	UNIDO/THA/68/7	Economic appraisal of industrial and technological research	TA	8
	UNIDO/THA/68/63	Assistance in ceramics research and training centre	TA	3
	UNIDO/THA/68/64	Industrial evaluation	TA	12
	ID/RP-03-77	Building materials - ceramics	RP	3
	ID/RP-04-78	Chemical industry	RP	4

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDC activity group</u>
<u>ASIA AND THE FAR EAST (cont'd)</u>				
Thailand (cont'd)	ID/RF-08-141	Industrial standardization	RP	8
	ID/RF-06-142	Food and light industries - textile industries	RP	6
	ID/RF-10-143	Industrial training	RP	10
	ID/RF-12-6	Industrial programming	RP	12
	68/389 THA-3	Assistance in standard national industrial classification system	SIS	12
	68/301 THA-7	Marketing organization for small-scale industries and handicrafts	SIS	11
	68/416 THA-4	Feasibility study for the establishment of an industry based on kenaf	SIS	6
	68/386 THA-5	Assistance to the rice processing industry	SIS	6
	69/468 THA-8	Advice on the organization and operations of the Sugar Institute and Sugar Advisory Board	SIS	6
	69/595 THA-10	Modernization and expansion of the wood processing industries	SIS	6
	69/594 THA-9	Assistance in the development of rubber products industry	SIS	6
Western Samoa	ID/RF-11-79	Small-scale industries	RP	11
Regional	UNIDO/ASI/68/8	Meeting for the development of the fertiliser and pesticides industry	TA	5

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>ASIA AND THE FAR EAST</u> (cont'd)				
Regional (cont'd)	UNIDO/AFE/68/11	In-plant training in mechanical engineering	TA	10
	ID/RP-01-81	Industrial engineering - agricultural machinery and transport equipment	RP	1
	ID/RP-02-8	Metallurgical industries	RP	2
	ID/RP-02-82	Metallurgical industries	RP	2
	ID/FP-05-9	Fertilizer industries	RP	5
	ID/RP-05-84	Fertilizer industries	RP	5
	ID/RP-06-7	Food and light industries - oils and fats industries	RP	6
	ID/RP-06-10	Food and light industries - rice processing engineer	RP	6
	ID/RP-06-83	Food and light industries - oils and fats industries	RP	6
	ID/RP-08-80	Industrial standardization	RP	8
	ID/RP-12-6	Industrial programming	RP	12
	ID/RP-12-82	Industrial economist	RP	12

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>ALBANIA</u>	ID/RP-03-112	Building materials industry - tiles production	RP	3
	ID/RP-01-2	Engineering industries - machine tools production	RP	1
<u>BULGARIA</u>	EUL/68-8	Quality improvement in the production of railway carriages	TA	1
	EUL/68-9	Solubility and interphase distribution in the refining processes of heavy non-ferrous metals	TA	2
	EUL/68-10	Application of synthetic fibres and silks in the knitting fabrics industry	TA	6
	EUL/68-11	Production of alloy steels - LD and Kaldo converters	TA	2
	EUL/68-12	Investigation of metal-oxide electrodes for their application in electrochemical power sources	TA	4
	EUL/68-14	Modern techniques for the production of glass bottles	TA	3
	EUL/69-20	Assistance to furniture industry	TA	6
	EUL/69-41	Semi-automatic programme controlled lathes	TA	1
	EUL/69-42	Welding equipment	TA	1
	EUL/69-43	Production of mattresses, upholstered and kitchen furniture	TA	6
	EUL/69-13	Synthesis of pyrimidine derivatives	TA	4
	EUL/69-40	Design and development of integrated circuits	TA	1
	ID/RP-01-113	Engineering industry - production of highly accurate gears	RP	1

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST (cont'd)</u>				
Bulgaria (cont'd)	ID/RP-12-156	Implementation of industrial projects - training workshop	RP	12
	68/268 HUL-3	Assistance in the establishment of a packing media scientific research and experimental centre	SIS	8
	69/483 HUL-4	Paper technology - production and quality control	SIS	4
Cyprus	ID/RP-14-114	Export promotion	RP	14
	ID/RP-11-3	Small-scale industries	RP	11
	66/48 CYP-6	Assistance to asbestos pipe plant project	SIS	3
	68/372 CYP-8	Industrial standardization of quality control	SIS	8
Czechoslovakia	CZE/69-5	Modernization and application of new processes in chemical industries	TA	4
	CZE/69-9	Optimal utilization of classical textile raw materials - chemical fibres	TA	6
Greece	GRE-26	Industrial area and industrial estate near Salonika	SF	11
	ID/RP-13-115	Industrial policies	RP	13
	ID/RP-12-2	Industrial planning	RP	12
Hungary	HUN/69-1	Production of artificial leather	TA	5
	HUN/69-2	Technical development of the knitting industry	TA	6

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST (cont'd)</u>				
Hungary (cont'd)	HUN/69-3	Technical development of household textiles	TA	6
	HUN/69-5	Use of computers in industry	TA	15c
	HUN/69-7	Automation of machine sets for production of paint	TA	1
	HUN/69-10	Modern high-speed procedures for aluminium production	TA	2
	HUN/69-11	Selection of products in petrochemical plants	TA	5
	ID/RP-12-116	Industrial planning and programming	RP	12
	ID/RP-01-2	Engineering industries - electronic	RP	1
	ID/RP-12-3	Industrial programming	RP	12
	ID/RP-01-152	Engineering industries - mechanical and electrical	RP	1
	69/548 HUN-1	Assistance in packaging industry - exploratory mission	SIS	8
Iceland	68/449 ICE-2	Export sales promotion of the integrated fish processing industry	SIS	6
Iraq	IRQ/68-3	Industrial planning - feasibility studies	TA	12
	ID/RP-12-126	Industrial planning	RP	12
	ID/RP-05-3	Fertilizer industries - in-plant training	RP	5
	ID/RP-14-4	Export promotion - industrial marketing survey	RP	14
	68/422 IRQ-2	Assistance in the preparation of a development plan for industrial manufacture of liquid invert sugar from dates	SIS	6

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<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity Group</u>
EUROPE AND THE MIDDLE EAST (cont'd)				
Iraq (cont'd)	69/481 IRQ-3	Evaluation of offers for manufacture of fibreboard from date palm wastes	SIS	4
	69/518 IRQ-4	Assistance and advice to the Industrial Bank on industrial programmes	SIS	13
Israel	ISR-11	Industrial research centre	SP	8
	ISR/69-3	Industrial management - production processes in apparel and textile industry	TA	10
	ISR/69-4	Industrial economics - business finance and marketing	TA	13
	ID/RP-14-127	Promotion of export-oriented industries	RP	14
	ID/RP-06-3	Food and light industries - leather processing industries	RP	5
	69/502 ISR-2	Assistance to metal-finishing industry	SIS	2
	69/508 ISR-4	Assistance to government mint	SIS	1
69/511 ISR-3	Consultant to the clothing industry	SIS	6	
Jordan	JOB-13	Centre for Industrial Development, Amman	SP	12
	ID/RP-02-128	Metallurgical industries	RP	2
	ID/RP-01-2	Engineering industries - repair and maintenance	RP	1
Kuwait	KUV/68-2	Standardization and quality control	TA	8
	ID/RP-05-129	Chemical industry - petrochemicals	RP	5

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST (cont'd)</u>				
Kuwait (cont'd)	ID/EP-05-2	Fertilizer industries - in-plant training	EP	5
	69/462 IUN-2	Small-scale industry adviser	SIS	11
Lebanon	ID/EP-11-1	Small-scale industries	EP	11
Malta	ID/EP-04-2	Chemical industries	EP	4
	ID/EP-06-117	Light industry	EP	6
Poland	POL/69-1	Industrial technology	TA	1,2,3,4
	POL/69-3	Industrial programming and project planning	TA	12
	POL/69-14	Assistance to the furniture industry	TA	6
	POL/69-29	Assistance to textile and leather industry	TA	6
	POL/69-17	Electro-technical industry	TA	1
	POL/69-20	Competing techniques	TA	1
	POL/69-21	Cold extrusion of steel	TA	2
	POL/69-22	Application of semi-conductors in electric traction	TA	1
	POL/69-28	Mechanical and electrical engineering industries	TA	1
	ID/EP-02-118	Metallurgical industries	EP	2
	ID/EP-02-2	Metallurgical industries	EP	2
	ID/EP-01-3	Engineering industries	EP	1
	ID/EP-04-4	Chemical industries	EP	4

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<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST (cont'd)</u>				
Romania	ROM/69-2	Metallurgical production quality control	TA	2
	ROM/69-3	Electronic spare parts production	TA	1
	ROM/69-4	Study of heterogeneous catalysis and chemical industry based on the catalysis and refining of crude oil	TA	5
	ROM/69-5	Designing and production of machine tools with numerical programming	TA	1
	ROM/69-6	Industrial metrology	TA	2
	ROM/69-24	Automatic installation for loading and unloading of products	TA	1
	ID/RP-02-120	Metallurgical industries	RP	2
	ID/RP-01-2	Engineering industries	RP	1
	ID/RP-03-3	Building materials industries	RP	3
	68/315 ROM-1	Welding of lightweight alloys	SIS	2
	69/452 ROM-3	Assistance in appraisal of the state of technology of precision measure and process control instruments	SIS	1
	69/485 ROM-4	Assistance to the building research institute	SIS	3
	69/530 ROM-6	Metal corrosion prevention	SIS	2
Saudi Arabia	SAA-14	Industrial Studies and Development Centre, Riyadh	SF	11,12
	ID/RP-11-131	Small-scale industries	RP	11
	ID/RP-11-2	Small-scale industries	RP	11

<u>Region and country</u>	<u>Project no.4</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST (cont'd)</u>				
Southern Yemen	ID/RP-01-1	Engineering industries	RP	1
	68/450 SYE-3	Assistance to rehabilitate the salt industry	SIS	4
Spain	ID/RP-01-121	Engineering industry	RP	1
Syria	ID/RP-10-132	Industrial management	RP	10
	ID/RP-05-133	Fertilizer industries	RP	5
	ID/RP-05-3	Fertilizer industries	RP	5
	ID/RP-12-4	Industrial programming	RP	12
	68/309 SYR-5	Assistance to Homs nitrogen fertilizer project	SIS	5
	68/306 SYR-8	Assistance to steel rolling mill	SIS	2
	68/441 SYR-12	Assistance for the expansion and modernization of the electric cable industry	SIS	1
	68/448 SYR-14	Assistance to asbestos-cement processing factory	SIS	3
	68/325 SYR-3	Study of fertilizer requirements and urea production	SIS	5
	68/445 SYR-4	Advice on industrial utilization of sodium chloride	SIS	4
	69/513 SYR-18	Assistance to integrated iron and steel industries	SIS	2
	69/509 SYR-19	Adviser on natural gas development - petrochemicals and fertilizers	SIS	5
69/536 SYR-15	Assistance to the Al Masr Radio and TV Company	SIS	1	
69/535 SYR-16	Assistance to insecticides industry	SIS	5	
69/579 SYR-22	Assistance to the "Al Shark" beer processing factory	SIS	6	

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Region and country	Project No.	Project title	Programme	UNIDO activity Group
EUROPE AND THE MIDDLE EAST (cont'd)				
Syria (cont'd)	69/619 SYR-24	Assistance to assess present status of solar salt industry sectors and to recommend implementation steps for their initiation, modernization, and/or mechanization	SIS	4
	69/492 SYR-17	Complex service team in maintenance and repair of industrial equipment	SIS	1
	69/607 SYR-23	Assistance to the engineering works in Aleppo	SIS	1
Turkey				
	TUR-25	Small industries development programme	SP	11
	TUR-29	In-plant training centre for engineers, Kirikkale	SP	10a
	TUR/68-1	Industrial planning	TA	2,4,12
	TUR/68-2	Upgrading and briquetting of lignite	TA	2
	TUR/68-3	Building materials - chemical engineering	TA	3
	TUR/68-12	Assistance to the aluminium industry	TA	2
	TUR/68-11	Metallurgical industry	TA	2
	TUR/68-27	Cost accounting	TA	10
	TUR/69-4	Development of cement industry	TA	3
	TUR/69-5	Chemical industry - manufacture of synthetic resins and lacquer nitro-cellulose	TA	4
	TUR/69-14	Industrial engineering development	TA	1
	ID/EP-01-122	Industrial engineering	EP	1
	ID/EP-02-2	Metallurgical industries	EP	2
	ID/EP-12-157	Implementation of industrial projects	EP	12
	67/195 TUR-4	Assistance in surveying the iron and steel industry	SIS	2

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>BURUNDI AND THE KIVU PROVINCE (cont'd)</u>				
Parbay (cont'd)	68/313 TUR-11	Possibility study on the establishment of an aluminium industry	SIS	2
	69/493 TUR-12	Small industry development - sub-contractors' exchanges	SIS	11
Yemen	ID/EP-11-1	Small-scale industries	RP	11
Yugoslavia	YUG/69-2	Purification of industrial waste water	TA	4
	YUG/68-8	Modern technology mastering in Bosnia and Herzegovina in iron and steel metallurgy	TA	2
	YUG/69-3	Paper production from straw	TA	4
	ID/EP-03-123	Industrial construction	RP	3
	ID/EP-10-124	Industrial management	RP	10
	ID/EP-10-3	Industrial management	RP	10
	ID/EP-01-4	Industrial engineering	RP	1
	ID/EP-03-5	Building materials industries	RP	3
	68/339 YUG-3	Establishment of a market research and product forecasting programme for a group of industries	SIS	10
	68/345 YUG-9	Assistance to petrochemical industries	SIS	5
	68/440 YUG-15	Industrial management consultations and problem solving mission in electro-mechanical industry - industrial management clinic	SIS	10
	68/346 YUG-12	Assistance in beer fermentation to three breweries	SIS	6
	68/456 YUG-7A	Vacuum steel degassing project	SIS	2

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activity
group

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST (cont'd)</u>				
Yugoslavia (cont'd)	69/457 YUG-7B	Roll pass design expert	SIS	2
	69/459 YUG-7D	Stainless and alloy steel rolling	SIS	2
	69/460 YUG-7E	Assistance to the Zenica plant on iron and steel production	SIS	2
	69/461 YUG-7F	Steel ingot re-heating and soaking project	SIS	2
	68/437 YUG-9B	Assistance to petrochemical industry	SIS	5
	68/438 YUG-9C	Assistance to petrochemical industry	SIS	5
	68/340 YUG-4	Establishment and management of a computer based production planning and control system at the shipyards "3 May" and "Tito"	SIS	10
	68/431 YUG-5	Establishment and management of a computer based production planning and control system at "Energoinvest", Sarajevo and "Hasan Brkic", Zenica	SIS	10
	68/342 YUG-6	Assistance to "21 May" automobile engines manufacturing plant	SIS	10
	68/347 YUG-11	Assistance to furniture industry	SIS	10
	68/343 YUG-13	Assistance to the "14 October" mechanical factory	SIS	10
	69/455 YUG-14	Assistance to the wood industrial enterprise "Janj" in Donji Vakuf	SIS	6
	69/466 YUG-16	Assistance to the "Crni Bor" wood industrial enterprise in Prilep	SIS	6
	69/566 YUG-17	Production development trends and by-product finalization Processing of coal into fuels and complex fertilizers	SIS	5

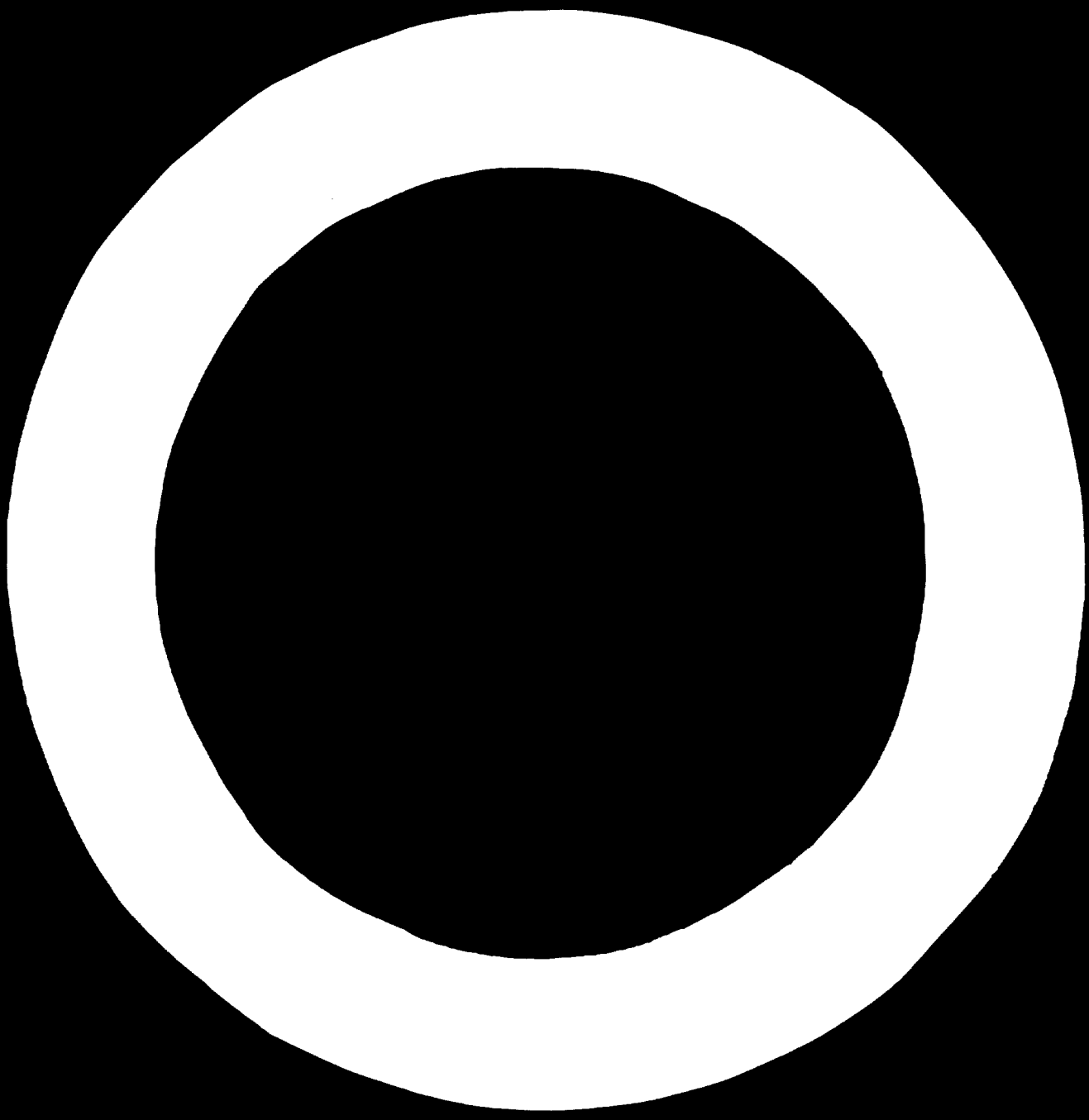
<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>EUROPE AND THE MIDDLE EAST (cont'd)</u>				
Regional	ID/EP-12-134	Industrial planning and programming	EP	12
	ID/EP-12-2	Industrial planning and programming	EP	12
<u>INTER-REGIONAL</u>				
	IFT/68-2	In-plant training in electrical engineering in Sweden	TA	1,10a
	IFT/68-3	In-plant training in textile industry in Poland	TA	10a
	IFT/68-4	Seminar on industrial policies for industrial development:	TA	13
	IFT/68-5	Seminar on financial aspects of public manufacturing enterprises	TA	13
	IFT/68-6	Second United Nations interregional seminar on the development of petrochemical industries in developing countries	TA	5
	IFT/68-9	In-plant training in pulp and paper	TA	10a
	IFT/68-12	In-plant training in machine tools and instruments in the USSR	TA	10a
	IFT/68-13	In-plant training programme in the shoe industry in the USSR	TA	1,10a
	IFT/68-14	In-plant training in food technology industry in the UK	TA	10a
	IFT/68-15	Meeting on manufacture of telecommunications equipment in developing countries	TA	1

<u>Region and country</u>	<u>Project no.</u>	<u>Project title</u>	<u>Programme</u>	<u>UNIDO activity group</u>
<u>INTER-</u>	ID/RP-01-2	Engineering industries	RP	1
<u>REGIONAL</u>	ID/RP-02-3	Metallurgical industries	RP	2
(cont'd)	ID/RP-05-4	Petrochemical industries	RP	5
	ID/RP-10-151	In-plant training programme in iron and steel industries in the Ukrainian SSR	RP	10
	ID/RP-11-5	Small-scale industries	RP	11
	ID/RP-12-6	Industrial programming and policies	RP	12
	ID/RP-12-135	Interregional advisers	RP	12
	ID/RP-13-149	Group training programme - investment promotion	RP	13
	ID/RP-13-155	Group training in investment promotion	RP	13
	68/424 INT-5	Campaign for improvement of repair and maintenance facilities	SIS	1
	69/475 INT-6	Exploratory mission in the field of maintenance and repair of industrial equipment	SIS	1
	69/510 INT-7	Industrial training course in production and use of pesticides	SIS	5
	69/525 INT-8	Evaluation of opportunities for implementation of projects in the field of heavy industry	SIS	1
	69/605 INT-10	Regional co-operation in establishment of manufacturing units in the heavy electrical and heavy engineering branches of industry	SIS	12

ANNEX III

LIST OF SYMPOSIA, EXPERT WORKING GROUPS,
SEMINARS, WORKSHOPS, TRAINING PROGRAMMES
AND OTHER MEETINGS

1969 - 1971



SYMPOSIA, EXPERT WORKING GROUPS, SEMINARS,
WORKSHOPS AND OTHER MEETINGS HELD DURING 1969

Project
component

Place

Group 1: Engineering Industries

- | | | |
|---------|---|----------------------|
| 1.01.01 | Expert Group Meeting on Agricultural Machinery Industry in Developing Countries | Vienna |
| 1.02.01 | Development Meeting on the Manufacture of Telecommunications Equipment (including low-cost receivers for sound broadcasting and television) | Vienna |
| 1.05.01 | Seminar on the Establishment and Development of Automotive Industry in Developing Countries | Karlovy Vary
CSSR |

Group 2: Metallurgical Industries

- | | | |
|---------|--|--------|
| 2.02.01 | Expert Group Meeting on Lead and Zinc Industries | London |
| 2.04.01 | Expert Group Meeting on the Utilisation of Non-ferrous Scrap Metal in Developing Countries | Vienna |

Group 3: Construction and Building Materials
Industries

- | | | |
|---------|---|--------|
| 3.02.01 | Expert Working Group on Fibro-cement Composites | Vienna |
|---------|---|--------|

Group 4: Chemicals, Pharmaceuticals and
Pulp and Paper Industries

- | | | |
|---------|--|----------|
| 4.03.01 | Expert Group Meeting on the Establishment of Pharmaceutical Industries in Developing Countries | Budapest |
| 4.06.01 | Expert Working Group on Manufacture of Chemicals by Fermentation (in collaboration with WHO) | Vienna |

Group 5: Fertilizers, Pesticides and
Petrochemicals Industries

- | | | |
|---------|--|------------------|
| 5.01.02 | Meeting on the Promotion of Fertilizer Industries in Africa (in co-operation with ECA) | Rabat
Morocco |
| 5.04.01 | Interregional Petrochemical Symposium on the Development of the Petrochemical Industries in Developing Countries | Baku
USSR |

SYMPOSIA ... HELD DURING 1969 (cont'd)

Project
component

Place

Group 6: Light Industries

- | | | |
|---------|---|---------------------|
| 6.02.01 | Expert Group Meeting on Fish-protein Concentrate (in co-operation with FAO) | Rabat
Morocco |
| 6.02.02 | Expert Group Meeting on Soya Bean Processing and Use (in co-operation with the U.S. Department of Agriculture) | Peoria
Ill., USA |
| 6.02.09 | Expert Group Meeting on Scientific Approaches to the Problems of Preservation and Refrigeration of Food in Developing Countries | Vienna |
| 6.03.01 | Study Group on Production Techniques in Wooden Houses under Conditions Prevailing in Developing Countries (in co-operation with FAO and UN Centre for Housing, Building and Planning) | Vienna |

Group 7: Industrial Legislation, Patents
and Licensing

- | | | |
|---------|--|--------|
| 7.02.01 | Expert Group Meeting on the Organization and Administration of Industrial Property Offices | Vienna |
|---------|--|--------|

Group 8: Industrial Services and their
Administration

- | | | |
|---------|--|--------|
| 8.01.01 | Expert Group Meeting for the Establishment of an International Association of Industrial Research Institutes | Vienna |
|---------|--|--------|

Group 10b: Industrial Management and
Consulting Services

- | | | |
|-----------|--|-------|
| 10b.01.01 | Expert Group Meeting on the Use and Development of Consulting Services in Developing Countries | Tokyo |
|-----------|--|-------|

Group 11: Small-scale Industry, including
Industrial Extension Services and
Industrial Estates

- | | | |
|----------|--|-------|
| 11.03.04 | Expert Group Meeting on the Role and Promotion of Subcontracting in Industrial Development (in co-operation with OECD) | Paris |
|----------|--|-------|

SYMPOSIA ... HELD DURING 1969 (cont'd)

Project
component

Place

Group 12: Industrial Programming and
Project Planning

- | | | |
|----------|---|------------------|
| 12.02.02 | East African Working Party on Industrial Programming Data (in co-operation with the East African Community and the East African Development Bank) | Nairobi
Kenya |
| 12.02.05 | Meeting of Project Managers and Directors of Selected UNIDO/UNDP/SF Projects | Vienna |
| 12.03.04 | Mission and Workshop on Industrial Project Evaluation | Tehran
Iran |
| 12.04.03 | Interregional Training Workshop on Industrial Project Implementation | Amsterdam |

Group 13: Industrial Policies and Financing

- | | | |
|----------|---|------------------|
| 13.06.01 | East African Regional Workshop on Financial Analysis and Planning | Dar es Salaam |
| 13.06.01 | West African (English-speaking) Regional Workshop | Accra, Ghana |
| 13.09.02 | Investment Promotion Conference for Tunisian Industry | Tunis |
| 13.09.02 | Meeting to Promote Specific Industrial Projects in African Countries (in co-operation with ECA and ADB) | Rabat
Morocco |

Group 14: Promotion of Export-oriented
Industries

- | | | |
|----------|--|----------------|
| 14.01.02 | Expert Group Meeting on Metalworking Industries as Potential Export Industries in Developing Countries | Vienna |
| 14.03.02 | Expert Group Meeting on the Utilization of Excess Capacity for Export | Rio de Janeiro |

Group 15: Industrial Reviews and Surveys

- | | | |
|-----------|---|--------|
| 15b.02.01 | Expert Group Meeting on Textile Industry during the Second Development Decade | Vienna |
|-----------|---|--------|

TRAINING COURSES AND PROGRAMMES
HELD DURING 1969

Project
component

Place

Group 5: Fertilizers, Pesticides and
Petrochemicals Industries

5.03.04 Training Course for Industrial Production of Pesticides and Insecticides in Developing Countries Syracuse New York, USA

Group 10a: Industrial Training

10a.01 Continuing Sectoral Programmes in Industrialized Countries:

10a.01.02	Shoe Industry	CSSR
10a.01.04	Electrical Engineering	Sweden
10a.01.05	Food Processing	Sweden
10a.01.08	Iron and Steel	USSR
10a.01.09	Metalworking Industry	USSR
10a.01.10	Food Processing	United Kingdom
10a.01.11	Textile Industry	Poland
10a.05	Sectoral Upgrading Programme in Industrialized Countries, Mechanical Industry	Japan

Group 11: Small-scale Industry, including
Industrial Extension Services
and Industrial Estates

11.02.01 Group Training Programme on the Planning, Establishment and Management of Industrial Estates for English-speaking Participants Hyderabad India

Group 13: Industrial Policies and Financing

13.02.01	Interregional Training Seminar on Incentive Policies for Industrial Development	Vienna
13.05.03	Interregional Training Seminar on Industrial Financing and Other Policy Problems of Manufacturing Enterprises in the Public Sector	Rome
13.08.02	Training Programme in Investment Promotion Techniques (for Spanish-speaking countries)	New York, Brussels Vienna
	Training Programme in Investment Promotion Techniques (for French-speaking countries)	Europe

Group 15: Industrial Reviews and Surveys

15a.03.01 Training Course on Certain Aspects of Industrial Development (in collaboration with ECA, ILO, IDEP and IBRD) Nairobi Kenya

**SYMPOSIA, EXPERT WORKING GROUPS, SEMINARS,
WORKSHOPS AND OTHER MEETINGS PLANNED FOR 1970**

<u>Project component</u>		<u>Place</u>
<u>Group 1: Engineering Industries</u>		
1.02.04 (priority B)	Joint FAO/UNIDO expert group meeting on manufacture of refrigeration equipment in developing countries	Vienna
1.03.01	Interregional symposium on repair and maintenance of equipment in developing countries	Vienna
1.04.01	Meeting on the development of metalworking industry in Asia	Bangkok, Singapore, Tokyo
1.06.01	Expert group meeting on development of engineering design capabilities	Vienna
1.07.01	Joint UNIDO/DEHEMA meeting on chemical processing machinery and plants in developing countries	Federal Republic of Germany
<u>Group 2: Metallurgical Industries</u>		
2.01.01	Expert group meeting on alumina and aluminium production in Asia (in co-operation with ECAFE)	Asia
2.02.02	Seminar on copper production and group study tour of copper plants in the USSR	USSR
2.03.04	Seminar on tin plate production (in co-operation with ECLA)	Latin America
2.03.05	Expert group meeting on pelletizing (in co-operation with ECE)	Geneva
<u>Group 3: Construction and Building Materials Industries</u>		
3.04.01	Regional workshop on the development of clay building materials industries in Africa (in collaboration with ECA and the UN Centre for Housing, Building and Planning)	Tunisia
3.05.01	Regional seminar on prefabrication in Africa (in co-operation with ECA and UNCHSP)	Denmark
3.07.01	Meeting of the heads of building materials research and development organizations in Asia (in co-operation with ECAFE)	Bangkok

SYMPOSIA ... PLANNED FOR 1970 (cont'd)

<u>Project reference</u>		<u>Place</u>
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>		
4.01.01	Interregional seminar on basic chemicals	Moscow
<u>Group 5: Fertilisers, Pesticides and Petrochemicals Industries</u>		
5.01.02	Meeting for the development of fertiliser and pesticide industries in Latin America (in co-operation with ECLA)	Latin America
5.01.05	Preparatory expert group meeting for the second interregional symposium on the production of fertilisers	Vienna
<u>Group 6: Light Industries</u>		
6.01.01 (priority B)	Expert group meeting on quality control in the textile industry	Vienna
6.01.02	Expert group meeting on the selection of dyeing and finishing equipment	Vienna
6.02.03	Expert group meeting on the selection of feed processing equipment	Moscow
6.02.04 (priority B)	Expert group meeting on cassava processing (in co-operation with FAO)	Vienna
6.02.05 (priority B)	Expert group meeting on the main aspects of industrial oils and fats production in developing countries (in co-operation with FAO)	London
6.02.06	Expert group meeting on the industrial processing of rice (in co-operation with ECAFE and FAO)	Bangkok
6.03.02	Expert working group on production of particle boards from agricultural wastes	
6.04.01	Preparatory expert group meeting for the seminar on leather and leather products development	Vienna
6.04.01	Interregional seminar on the development of industrial leather production as well as production and marketing of footwear and of leather goods in developing countries (in co-operation with FAO and ILO)	Vienna

SYMPOSIA ... PLANNED FOR 1970 (cont'd)

Project
component

Place

Group 7: Industrial Legislation, Patents
and Licensing

7.01.01 Expert group meeting on a manual on licensing practices Vienna

Group 8: Industrial Services and their
Administration

8.01.01 Conference of founding members of the international association of industrial research institutes

8.02.01 Regional training workshop for personnel engaged in standardization Addis Ababa

8.03.01 Regional workshop on the organization and administration of industrial services for Asia and the Far East (in co-operation with ESCAPE) Tashkent
USSR

8.03.03 Regional workshop for managerial staff of chambers of industry of English-speaking countries in Africa (in co-operation with ECA and AFRASEC)

Group 9: Industrial Information

9.01.04 Workshop for industrial information officers in Africa and Asia Tehran
Iran

9.03.01 Expert group meeting to develop further the advisory service on the supply of industrial equipment

Group 10: Industrial Management and
Consulting Services

10b.02.01 Seminar on instruction and training of team leaders for industrial management clinics

Group 11: Small-scale Industry, including
Industrial Extension Services
and Industrial Estates

11.01.02 Two training workshops on extension services for small industry for senior officials from the West and East African subregions (in co-operation with ECA)

SYMPOSIA ... PLANNED FOR 1970 (cont'd)

Project
component

Place

Group 11: Small-scale Industry, including
Industrial Extension Services
and Industrial Estates (cont'd)

11.01.08 Meeting on the financing of small-scale industries in Latin America (in co-operation with ECLA) Santiago Chile

Group 12: Industrial Programming and
Project Planning

12.02.02 Working party of experts on industrial project planning for the countries served by UNESOB (in co-operation with UNESOB) Beirut Lebanon

Working party of experts on industrial project planning for the countries served by ECAFE (in co-operation with ECAFE)

12.03.04 Two workshops on industrial project evaluation

12.04.03 Interregional training workshop on industrial project implementation UNESOB or ECAFE region

Interregional training workshop on industrial project implementation Europe

Group 13: Industrial Policies and Financing

13.02.02 Advisory panel to review the material of the manuals on industrial policies and to advise on future studies Vienna

13.04.01 Expert group meeting on policies for regional co-operation in the field of industrial development Vienna

13.05.01 Meeting of international finance organisations and development finance organizations Vienna

13.06.01 Regional workshop on financial planning and analysis techniques for industrial projects in Asia and the Far East Asia

13.06.03 Interregional training workshop on industrial banking techniques

SYMPOSIA ... PLANNED FOR 1970 (cont'd)

Project
component

Place

Group 13: Industrial Policies and Financing
(cont'd)

- | | | |
|----------|---|--------|
| 13.09.02 | Regional meeting to promote specific industrial projects in African countries (in co-operation with ECA and the African Development Bank) | Africa |
| 13.09.02 | Regional Meeting to promote specific industrial projects in Asia (in co-operation with ECAFE and the Asian Development Bank) | Tokyo |

Group 14: Promotion of Export-oriented
Industries

- | | | |
|----------|---|------------------------|
| 14.02.01 | Expert group meeting on industrial co-operation between developed and developing countries for export | Vienna or
Bucharest |
|----------|---|------------------------|

TRAINING COURSES AND PROGRAMMES PLANNED FOR 1970

<u>Project component</u>		<u>Place</u>
<u>Group 5: Fertilisers, Pesticides and Petrochemicals Industries</u>		
5.04.04	In-plant training programme in plastics fabrication and utilisation	Vienna
<u>Group 7: Industrial Legislation, Patents and Licensing</u>		
7.02.01	Training workshop for industrial property offices (in co-operation with ECA, UNESCO, BIRPI and OAMPI)	
<u>Group 9: Industrial Information</u>		
9.01.03	Interregional course for the upgrading of industrial personnel (in co-operation with the Institute of Scientific and Technical Information (VINITI) and with UNESCO)	Moscow
<u>Group 10a: Industrial Training</u>		
10a.01	Continuing sectoral programmes in industrialised countries:	
10a.01.01	Diesel engineering	CSSR
10a.01.02	Shoe industry	CSSR
10a.01.03	Cement industry	Denmark
10a.01.04	Electrical engineering	Sweden
10a.01.05	Pulp and paper	Sweden
10a.01.06	Mechanical industry	Switzerland
10a.01.07	Pharmaceutical industry	Switzerland
10a.01.08	Iron and steel	USSR
10a.01.09	Metalworking industry	USSR
10a.03	Sectoral programmes in developing countries:	
10a.03.01	Food processing	India
10a.04	Middle level sectoral programmes in industrialized countries on a long-term basis:	
10a.04.01	Electric and electronic industries	Netherlands
10a.04.02	Textile industry	Poland
10a.05	Sectoral upgrading programme in industrialised countries:	
10a.05.01	Mechanical industry	Japan
10a.07	Several in-plant training programmes on maintenance in selected industries in Italy	

TRAINING ... PLANNED FOR 1970 (cont'd)

<u>Project component</u>		<u>Place</u>
<u>Group 11: Small-scale Industry, including Industrial Extension Services and Industrial Estates</u>		
11.01.01	Group training programme for French speaking industrial extension officers	Europe
11.03.04	Training programmes in sub-contracting	
<u>Group 12: Industrial Programming and Project Planning</u>		
12.02.03	Training programme in assisting field operations and training for data gathering, for Arab States	
<u>Group 13: Industrial Policies and Financing</u>		
13.01.02	Two training seminars on identification of objectives of the industrialisation programme and formulation of industrial policies to achieve them (in co-operation with ECLA, ILPES and UNESOB)	Latin America and Beirut Lebanon
13.05.03 (priority B)	Second interregional training programme to examine the special aspects and problems of public manufacturing enterprises	Europe
13.08.02	Two training programmes in techniques of investment promotion	New York and Vienna
<u>Group 14: Promotion of Export-oriented Industries</u>		
14.03.01	Training programme in export production techniques	United Kingdom or Italy
<u>Group 15: Industrial Reviews and Surveys</u>		
15a.03.01	Training workshop in industrial survey methods	

SYMPOSIA, EXPERT WORKING GROUPS, SEMINARS,
WORKSHOPS AND OTHER MEETINGS
PLANNED FOR 1971

<u>Project component</u>		<u>Place</u>
<u>Group 1: Engineering Industries</u>		
1.02.02 (priority B)	Expert group meeting on improved technologies in connexion with an international exhibition of radio and television equipment to display low-cost receivers manufactured in developing countries	
1.02.03	Expert group meeting on electrical and electronic components	
1.03.02	Meeting on preventive maintenance and repair of railway equipment	
1.04.01	Regional meeting on the development of metal-working industries in Latin America (in co-operation with ECLA)	
<u>Group 2: Metallurgical Industries</u>		
2.01.02	Seminar on complex titanium-iron ore processing	USSR
2.03.02 (priority B)	Workshop on ferro-alloys	Vienna
2.03.03 (priority B)	Expert group meeting on direct reduction processes (in co-operation with ECE)	Geneva
2.04.02	Workshop on foundry technology for developing countries	Vienna
2.05.01	Workshop on creation and transfer of know-how in metallurgy	Vienna
<u>Group 3: Construction and Building Materials Industries</u>		
3.01.01	Interregional seminar on manufacture of cement in developing countries (in co-operation with UNCHBP)	Vienna
3.03.01	Expert group meeting on the use of plastics in the building industry (in co-operation with UNCHBP)	
3.04.02 (priority B)	Workshop on clay building materials industries in Latin America (in co-operation with ECLA and with the UNCHBP)	

SYMPOSIA ... PLANNED FOR 1971 (cont'd)

<u>Project component</u>		<u>Place</u>
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>		
4.02.02 (priority B)	Expert working group on water salt chemicals complex (in co-operation with IAEA and UN Resources and Transport Division)	Vienna
4.04.01	Expert working group on essential oils	Vienna
4.05.01	Expert group meeting on pulp and paper (in collaboration with FAO and the regional economic commissions)	Vienna
4.07.01 (priority B)	Regional meeting on industrial wastes (in co-operation with ECAFE)	Bangkok
<u>Group 5: Fertilizers, Pesticides and Petrochemicals Industries</u>		
5.01.02	Meeting for the development of fertilizer and pesticide industries in the Middle East (in co-operation with UNESOB)	
5.01.05	Second interregional symposium on the production of fertilizers	USSR
5.03.03 (priority B)	Workshop on pesticides	Vienna
5.04.03	Expert group meeting on future trends in, and competition between, natural and synthetic rubber (in co-operation with ECAFE and the International Rubber Study Group)	London or Singapore
5.04.05	Expert group meeting on use of plastics in agriculture (in co-operation with FAO)	
<u>Group 6: Light Industries</u>		
6.01.02	Expert group meeting on machinery selection in the knitting industry	Vienna
6.01.03	Second interregional workshop on textile industries, in conjunction with UNIDO's in-plant training course	Lodz Poland
6.02.03	Second expert group meeting on the selection of food processing equipment	
6.02.06	Expert group meeting on industrial processing of rice (in co-operation with ECAFE and FAO)	Bangkok

SYMPOSIA ... PLANNED FOR 1971 (cont'd)

Project
component

Place

Group 6: Light Industries (cont'd)

- | | | |
|---------|--|---------|
| 6.02.06 | Seminar on industrial processing of rice (in co-operation with ECAFE and FAO) | Bangkok |
| 6.02.08 | Expert group meeting on processing selected tropical fruits and vegetables for export to premium markets (in co-operation with FAO and other United Nations agencies concerned with export problems) | |
| 6.03.03 | Seminar on furniture and other secondary wood processing industries in developing countries | Europe |
| 6.03.04 | Expert group meeting on the selection of wood-working machines | Vienna |

Group 7: Industrial Legislation, Patents
and Licensing

- | | | |
|---------|---|--|
| 7.01.01 | Expert group meeting on licensing regulations and practices in English-speaking countries | |
| 7.02.01 | Training workshop for industrial property offices in Africa and the Middle East (in co-operation with ECA, UNESOB, BIRPI and OAMPI) | |

Group 8: Industrial Services and their
Administration

- | | | |
|---------|--|---------------|
| 8.01.01 | Meeting of the international association of industrial research institutes for elaborating a work programme | |
| 8.01.02 | Regional meeting on management of industrial research institutes | Asia |
| 8.02.01 | Regional training workshop for personnel engaged in standardisation (in co-operation with ECLA, the Pan-American Commission for Technical Standards and ISO) | Latin America |
| 8.02.03 | Regional training workshop in quality control in Africa | |
| 8.02.05 | Regional training workshop on metrology (in co-operation with ECAFE and UNESCO) | Africa |

SYMPOSIA ... PLANNED FOR 1971 (cont'd)

<u>Project component</u>	<u>Place</u>
<u>Group 8: Industrial Services and their Administration (cont'd)</u>	
8.03.01 Regional workshop on the organisation and administration of industrial services (in co-operation with ECLA)	Latin America
8.03.02 Expert group meeting to provide guidelines for a training programme for workshops on industrial co-operatives	Vienna
8.03.03 Regional workshop for managerial staff of chambers of industry of French-speaking countries in Africa (in co-operation with ECA)	
8.03.04 (priority B) Regional training workshop for industrial administrators in the Middle East and North African regions (in co-operation with UNESCO and the UN Public Administration Division at United Nations Headquarters)	
<u>Group 9: Industrial Information</u>	
9.01.04 Seminar for industrial information officers (in co-operation with ECLA)	Latin America
<u>Group 10b: Industrial Management and Consulting Services</u>	
10b.01.01 Expert group meeting on the use and development of consulting services in developing countries	Vienna
<u>Group 11: Small-scale Industry, including Industrial Extension Services and Industrial Estates</u>	
11.01.02 Two training workshops for senior officials on extension services for small industry, one for the Central and the second for the North African subregions (in co-operation with ECA)	
11.01.08 Regional meeting on financing of small-scale industry in Asia and the Far East (in co-operation with ECAFE)	
11.04.03 Expert group meeting on industrialisation of countries at early stages of development, with special reference to small-scale industry	

SYMPOSIA ... PLANNED FOR 1971 (cont'd)

<u>Project component</u>		<u>Place</u>
<u>Group 12: Industrial Programming and Project Planning</u>		
12.01.03 (priority B)	Expert group meeting to examine the main technical elements of the planning of repair and maintenance at both the sectoral and the over-all levels	
12.02.02	Second international working party on industrial programming data	Vienna
12.03.04	Two workshops on industrial project evaluation	
12.04.02	Expert working group on industrial project implementation	
12.04.03	Two workshops on industrial project implementation	
12.05.03	Training workshop on industrial regional development	
<u>Group 13: Industrial Policies and Financing</u>		
13.02.02	Advisory panel to advise on preparation of new material for publication	
13.06.01	Workshop on financial planning and analysis techniques for industrial projects at the country level	
13.06.03	Interregional training workshop on industrial banking techniques	
13.08.01	Expert group meeting on the establishment and operation of national investment promotion machinery	
13.09.02	Regional meeting to promote specific industrial projects in African countries (in co-operation with ECA and the African Development Bank)	Africa
13.09.02	Regional meeting to promote specific industrial projects in Asia (in co-operation with ECAFE and the Asian Development Bank)	Asia
13.09.02	Regional meeting to promote specific industrial projects in Latin America (in co-operation with ECLA and the Inter-American Development Bank)	Latin America
<u>Group 14: Promotion of Export-oriented Industries</u>		
14.02.01	Promotional meeting on establishing export-oriented joint-venture or similar co-operative arrangements	

SYDPOHIA ... PLANNED FOR 1971 (cont'd)

Priority
Commitment

Place

Group 14: Promotion of Export-oriented
Industries (cont'd)

- 14.02.02 Expert group meeting on the organizational set-up
(priority B) of government and industrial export promotion in-
stitutions (in co-operation with UNCTAD/GATT/ITC)
- 14.03.02 Interregional training seminar on utilization of
excess capacity for export (in co-operation with
UNCTAD, ILO and regional economic commissions)

Group 15: Industrial Reviews and Surveys

- 15a.03.01 Expert group meeting to evaluate the experience of
UNIDO in industrial country surveys and the assis-
tance given through advisory missions
- 15b.03.02 Expert group meeting on packaging design and
material supply in developing countries

Vienna

TRAINING COURSES AND PROGRAMMES PLANNED FOR 1971

Project
component

Place

Group 5: Fertilizers, Pesticides and
Petrotechnical Industries

5.04.04 In-plant training programme in plastics fabrication and utilisation Vienna

Group 7: Industrial Legislation, Patents
and Licensing

7.02.01 Training workshop for industrial property offices (in co-operation with ICA, UNESOB, BIRPI and OANPI)

Group 10a: Industrial Training

10a.01 Continuing sectoral programmes in industrialised countries:

10a.01.01	Diesel engineering	CSSR
10a.01.02	Shoe industry	CSSR
10a.01.03	Cement industry	Denmark
10a.01.04	Electrical industry	Sweden
10a.01.05	Pulp and paper	Sweden
10a.01.06	Mechanical industry	Switzerland
10a.01.07	Pharmaceutical industry	Switzerland
10a.01.08	Iron and steel industry	USSR
10a.01.09	Metalworking industry	USSR

10a.02 New sectoral programmes in industrialised countries:

10a.02.01	Plastic processing	Federal Republic of Germany
10a.02.02	Automotive industry	France
10a.02.03	Foundry technology	Sweden
10a.02.04	Fertiliser industry	USSR

10a.03 Middle level sectoral programmes in developing countries:

10a.03.01	Food processing	India
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10a.04 Sectoral programmes in industrialised countries financed on a long-term basis:

10a.04.01	Electric and electronic industries	Netherlands
10a.04.02	Textile industry	Poland

10a.05 Sectoral upgrading programme in industrialised countries:

10a.05.01	Mechanical industry	Japan
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TRAINING ... PLANNED FOR 1971 (cont'd)

Project
component

Place

Group 10a: Industrial Training (cont'd)

10a.06	Middle-level programmes in industrialised countries covering cross-industry sector areas: ^{1/}	
10a.06.01	System analysis - practical application of decision-making system	Federal Republic of Germany
10a.06.02	Financial management and control	Federal Republic of Germany
10a.06.03	Maintenance systems (railway equipment)	Federal Republic of Germany
10a.06.04	Organisation and management of maintenance systems	Finland
10a.06.05	Organisation and management of maintenance systems	Sweden
10a.06.06	Organisation and management of standardisation systems in manufacturing industries	USSR
10a.07	In-plant training programmes on maintenance in selected industries in Italy	Italy
10a.08.01	Industrial consulting	Federal Republic of Germany

Group 11: Small-scale Industry, including
Industrial Extension Services
and Industrial Estates

11.01.01	Group training programme for Spanish-speaking industrial extension officers	Europe
11.03.04	Training programmes in subcontracting exchanges in developing countries	

Group 13: Industrial Policies and Financing

13.02.01	Interregional training seminar on the formulation of policy on tariffs and other forms of protection	
13.05.03	Interregional training programme on industrial financing	
13.08.02	Two training programmes in techniques of investment promotion	

^{1/} A number of these programmes could already start in 1970, subject to availability of funds.

TRAINING ... PLANNED FOR 1971 (cont'd)

Project
component

Place

Group 14: Promotion of Export-oriented
Industries

14.03.01 Training for export executives (in co-operation
with UNCTAD/GATT/ITC)

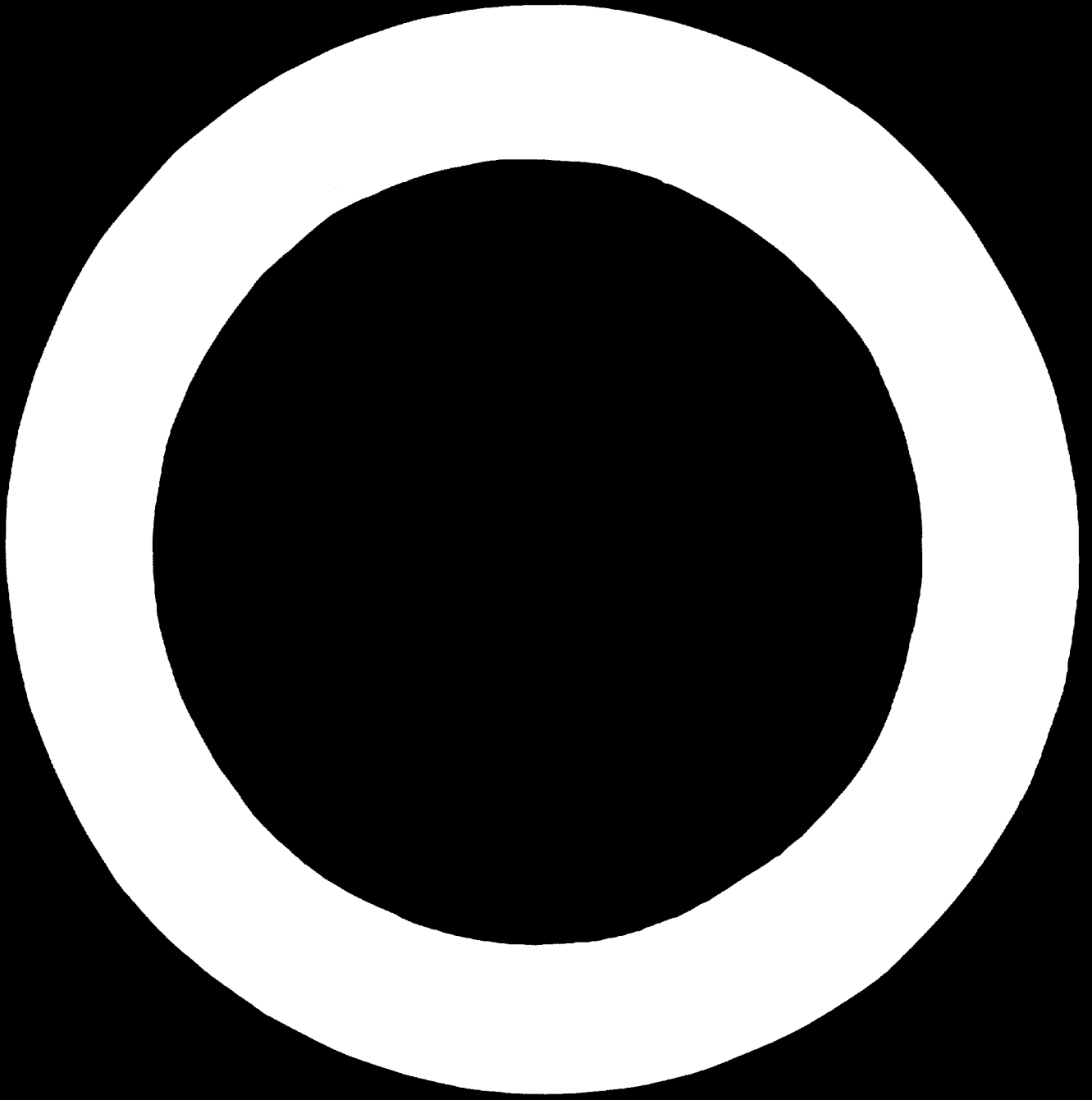
Group 15: Industrial Reviews and Surveys

15a.03.01 Two training workshops in methods of industrial
survey

12/2/64
ANNEX IV

ANNEX IV

LIST OF STUDIES AND RESEARCH PROJECTS
1962 - 1971



STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1969

	<u>Project component</u>
<u>Group 1: Engineering Industries</u>	
Studies on manufacture of telecommunications equipment	1.02.01
Case studies on repair and maintenance of equipment in developing countries	1.03.01
Studies on the development of metalworking industries in Asia	1.04.01
Studies on the design, manufacture and utilization of dies and jigs	1.04.02
Studies on engineering design capabilities	1.06.01
<u>Group 2: Metallurgical Industries</u>	
Studies on purposes, methods and costs of bauxite and alumina testing laboratories	2.01.01
Preparatory work on the proceedings of the second interregional iron and steel symposium	2.03.01
Background study for the workshop on foundry technology for developing countries	2.04.02
<u>Group 3: Construction and Building Materials Industries</u>	
Study on the manufacture of cement and sulphuric acid from calcium sulphate	3.01.01
Studies on the use of plastics in the building industry	3.03.01
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>	
Preparatory studies for the interregional seminar on basic chemicals	4.01.01
Preparation of guide book for pharmaceutical industries	4.03.03
Studies on chemicals from coal	4.08.01

STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1969 (cont'd)

	<u>Project component</u>
<u>Group 5: Fertilizers, Pesticides and Petrochemicals Industries</u>	
Survey of fertilizer production facilities in the Asian Region	5.01.01
Consultancy studies for the preparation of fertilizer balance sheets	5.01.03
Studies on (a) experience of the Union of Soviet Socialist Republics with processes for reducing the use of sulphur in fertilizer manufacture, and (b) direct use of phosphate rock as fertilizer and cattle feed	5.01.06
Study on world supply, demand and price trends of sulphur	5.02.01
Studies related to the pesticides manual	5.03.02
Studies on plastics and petrochemicals	5.04.07
<u>Group 6: Light Industries</u>	
Preparatory studies for the expert group meeting on quality control in the textile industry	6.01.01
Preparatory studies for the two expert group meetings on the selection of machinery (dyeing and finishing industry and knitting industry)	6.01.02
Preparatory studies for the expert group meeting on fish protein concentrate	6.02.01
Preparatory studies for the expert group meeting on the selection of food processing equipment	6.02.03
Preparatory studies for the expert group meeting on cassava processing	6.02.04
Background papers for the expert group meeting on oils and fats	6.02.05
Studies on modern processing techniques in the food industry	6.02.07
Studies for the study group on production techniques in wooden houses under conditions prevailing in developing countries	6.03.01
Studies on the leather and leather products industries	6.04.01

STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1969 (cont'd)

	<u>Project component</u>
<u>Group 7: Industrial Licensing, Patents and Legislation</u>	
Preparatory studies for manual on licensing practices	7.01.01
Preparatory studies for manual on the organization and administration of industrial property offices	7.02.01
Studies on industrial legislation	7.03.01
<u>Group 8: Industrial Services and their Administration</u>	
Preparatory studies for a manual on industrial co-operatives	8.03.02
Survey on the role of national engineering associations in industrial development	8.03.05
<u>Group 9: Industrial Information</u>	
Studies on the promotion and organization of the exchange of industrial information	9.01.05
Studies related to the Industrial Documentation Unit of UNIDO	9.02.01
Collection of industrial feasibility studies and technical assistance reports	9.02.02
Data on the supply of industrial equipment	9.02.03
Preparatory work on a register of industrial films	9.02.05
Studies on industrial inquiry and advisory services	9.03.01
Studies related to industrial information	9.03.02
Preparation for computerization of mailing list	9.03.04
Preparatory work on the section on industrialization for the "World Plan of Action for the Application of Science and Technology"	9.04
<u>Group 10a: Industrial Training</u>	
Studies on industrial training	10a.10.01
Draft report on a long-term programme for industrial training	10a.10.02
Study on the experience of UNIDO in the field of industrial training (contribution to preparation of the International Education Year)	10a.10.03

STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1969 (cont'd)

	<u>Project component</u>
<u>Group 10b: Industrial Management and Consulting Services</u>	
Studies on the use of industrial consultancy services in the developing countries	10b.01.01
Study to ascertain readiness of consulting firms to participate in a consulting consortium	10b.04.01
Preparation of a roster of university professors	10b.04.02
Feasibility study on programme in achievement training for industrial development	10b.05
<u>Group 11: Small-scale Industry, including Industrial Extension Services and Industrial Estates</u>	
Preparatory work related to the group training programme for French-speaking industrial extension officers	11.01.01
Preparatory work related to the training workshops on extension services for small industry	11.01.02
Surveys and evaluations for the establishment and strengthening of industrial extension service organizations	11.01.03
Study of the tool room as a common service facility for small-scale industries	11.01.04
Studies on small industry centres	11.01.05
Study on free-zone industrial estates	11.02.02
Studies on specialized types of industrial estates	11.02.03
A study on the problems of quality in small-scale manufacturing and methods and procedures for quality improvement	11.03.01
Case studies in adaptation of technology for small industry in selected developing countries	11.03.02
Studies for the expert group meeting on the role and promotion of subcontracting in industrial development	11.03.04
<u>Group 12: Industrial Programming and Project Planning</u>	
Summaries of national industrial development plans	12.01.01
Monographs on problems and techniques related to selection of priority industries	12.01.02

STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1969 (cont'd)

	<u>Project component</u>
<u>Group 12 (cont'd)</u>	
Study on planning of maintenance, repair and replacement	12.01.03
Study on industrial projections	12.01.04
Study dealing with the organizational aspects of industrial planning and implementation machinery with emphasis on systems approach	12.01.05
Studies related to stages of project preparation	12.02.01
Preparatory work for working party on industrial programming data	12.02.02
Compilation of Volume III and IV of the Profiles of Manufacturing Establishments	12.02.03
Extracts of industrial feasibility studies	12.02.04
Study on commercial profitability analysis - the derivation of cash flows from corporate accounts	12.03.02
Working document on economics of project formulation and evaluation and draft of the operational guide to industrial project preparation	12.03.03
Analytical studies on the underlying relationship between various project evaluation methods currently in use	12.03.03
Study of basic concepts in project evaluation and glossary of related terms	12.03.04
Studies on implementation programming and control techniques and on cost control techniques for project implementation	12.04.01
Case studies in industrial project implementation	12.04.02
Preparation of the operational guide to regional industrial planning and supporting studies on industrial location	12.05.01
<u>Group 13: Industrial Policies and Financing</u>	
Preparatory work for the case studies of the relationship between the objectives of the industrialization programme and the plans and policies used to achieve them	13.01.01
Studies of the experience of selected countries in Latin America and the Middle East in the identification of objectives of industrialization programme and formulation of industrial policies to achieve them	13.01.02

STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1969 (cont'd)

	<u>Project component</u>
<u>Group 13 (cont'd)</u>	
Case studies of the experience of 21 developing countries in formulating and implementing incentive policies measures	13.02.01
Preparatory work on manuals on industrial policies	13.02.02
Preparation of a directory of incentive measures in developing countries	13.02.03
Studies on existing schemes for regional co-operation in the field of industrial development among groups of developing countries	13.04.01
Preliminary work on the development of prototype statutes and other related basic material needed for the incorporation of industrial financing institutions	13.05.01
Preparatory studies for the interregional training seminar on industrial financing and other policy problems of manufacturing enterprises in the public sector	13.05.03
Case studies related to the organization of workshops on financial planning and analysis techniques	13.06.01
Case studies of the application of financial analysis and planning techniques	13.06.02
Case studies for a training workshop on industrial banking techniques	13.06.03
Case studies of joint-venture and external financing agreements	13.07.02
Studies related to the planned regional meetings to promote specific industrial projects	13.09.02
<u>Group 14: Promotion of Export-oriented Industries</u>	
Feasibility studies for products identified as having definite export market prospects	14.01.01
Studies related to the joint UNIDO/ITC/UNDP exploratory missions	14.01.03
Case studies of existing forms of co-operation and of obstacles to successful exporting from industrial co-operative ventures in developing countries	14.02.01
Preparatory work for training programmes in export production techniques	14.03.01
Studies on excess capacity for export	14.03.02

STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1969 (cont'd)

	<u>Project Reference</u>
<u>Group 15: Industrial Reviews and Surveys</u>	
Completion of the second industrial development survey and preparatory work for the third industrial development survey	15a.01.01
Reports on iron and steel and non-ferrous metals	15b.01.01
Studies on perspectives in the 1970's for selected industrial branches (textiles, copper, automotive industries, petrochemicals and fertilisers)	15b.02.01
Study on the gap between therapeutic needs and the demand for pharmaceutical products	15b.02.02

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1970

	<u>Project component</u>
<u>Group 1: Engineering Industries</u>	
Regional market and feasibility study on small gasoline and diesel engines	1.01.01
Guidelines for the manufacture in developing countries of two-way communications equipment and low-cost radio and television receivers	1.02.01
Study on assessment of ancillary automotive and spare parts production industries	1.05.02
Study on utilization of idle shipbuilding and repair facilities	1.05.03
<u>Group 2: Metallurgical Industries</u>	
Preparatory studies related to a seminar on copper production	2.02.02
Preparatory studies related to a seminar on tin plate production	2.03.04
<u>Group 3: Construction and Building Materials Industries</u>	
Survey to provide manufacturing and demand data on cement for developing countries	3.01.01 (priority B)
Studies for an expert group meeting on the use of plastics in the building industry	3.03.01
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>	
Studies on the marine salt industry	4.02.01
Preparatory studies for an expert group meeting on pulp and paper	4.05.01
Preliminary work for a regional meeting on industrial wastes	4.07.01 (priority B)
Continuation of studies on chemicals from coal	4.08.01 (priority B)

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1970 (cont'd)

	<u>Project reference</u>
<u>Group 5: Fertilisers, Pesticides and Petrochemicals Industries</u>	
Survey of fertiliser production facilities in Latin America	5.01.01
Study on underutilisation of capacities in the fertiliser and pesticide industries	5.01.04
Investigations on the availability of excess chlorine	5.03.01
Continuation of work on the pesticides manual	5.03.02 (priority B)
Preparation of the report of the Interregional Petrochemical Symposium on the Development of Petrochemical Industries in Developing Countries	5.04.01 (priority B)
Study on establishment of plastic fabrication and application facilities (thermo-plastics materials)	5.04.02 (priority B)
Preparatory study for an expert group meeting on future trends in, and competition between, natural and synthetic rubber	5.04.03
Study on proteins from hydrocarbons	5.04.06
<u>Group 6: Light Industries</u>	
Studies for the second interregional workshop on textile industries	6.01.03
Preparatory work for a seminar on industrial processing of rice	6.02.06
Papers on: (g) castor cake industrialisation; (h) meat processing industry; (g) cassava processing; (g) new sources of protein	6.02.07
Preparatory studies for a seminar on furniture and other secondary wood processing industries in developing countries	6.03.03 (priority B)
Preparatory work for an international catalogue of woodworking machinery	6.03.04 (priority B)
Studies on the leather industry	6.04.01

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1970 (cont'd)

	<u>Project number</u>
<u>Group 7: Industrial Legislation, Patents and Licensing</u>	
Preparatory work for training workshops on industrial property offices	7.02.01
Continuation of studies on industrial legislation	7.03.01
Preparatory studies on the establishment of a network of correspondents on up-to-date legislation on industrial promotion	7.03.03
<u>Group 8: Industrial Services and their Administration</u>	
Country case studies on the role of co-operatives in the industrial development of individual countries	8.03.02
Preparatory work on the organisation of industrial promotion services at trade fairs	8.04.01
<u>Group 9: Industrial Information</u>	
Studies related to the promotion and organisation of the exchange of industrial information	9.01.05
Establishment of a network of liaison offices for the UNIDO Industrial Information Centre	9.01.05
Studies related to the Industrial Documentation Unit of UNIDO	9.02.01
Continuation of collection of industrial feasibility studies and technical assistance reports	9.02.02
Expansion of the roster of industrial consultants	9.02.04
Continuation of work on the register of industrial films	9.02.05 (priority B)
Continuation of studies on industrial inquiry and advisory services	9.03.01
Continuation of studies related to industrial information	9.03.02
Follow-up on the implementation of the recommendations contained in the "World Plan of Action for the Application of Science and Technology"	9.04

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1970 (cont'd)

	<u>Project number</u>
<u>Group 10a: Industrial Training</u>	
Studies related to the individual fellowship programmes in the field of industrial development	10a.09
Studies for engineers in diesel engineering and in the iron and steel industry	10a.10.04
<u>Group 10b: Industrial Management and Consulting Services</u>	
Studies on the introduction of corporate planning systems, particularly in export-oriented industries	10b.03.01
Studies on the organization and management of distribution channels	10b.03.02
Studies on organization and application of value analysis and cost reduction schemes in selected factories	10b.03.03
<u>Group 11: Small-scale Industry, including Industrial Extension Services and Industrial Estates</u>	
Preparatory work related to the training workshops on extension services for small industry	11.01.02
Surveys and evaluations for the establishment and strengthening of industrial extension service organisations	11.01.03
Study of common facilities for selected small-scale industries	11.01.04
Studies related to the establishment of small industry centres	11.01.05
Studies related to intensive modernization campaigns	11.01.06 (priority B)
Study on marketing methods and distribution channels for small industry in developing countries	11.01.09
Continuation of studies on specialised types of industrial estates	11.02.03
Studies on potentialities for industrialization and on factors influencing the establishment of indigenous enterprises	11.04.03

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1970 (cont'd)

	<u>Project component</u>
GROUP 12: <u>Industrial Programming and Project Planning</u>	
Continuation of summaries of national industrial development plans	12.01.01
Monographs on problems and techniques related to selection of priority industries	12.01.02
Study on the problem of choice between major overhaul and replacement at the enterprise level	12.01.03
Studies on industrial projections	12.01.04
Continuation of the studies on the organizational aspects of industrial planning and implementation machinery, with emphasis on system approach	12.01.05
Analyses of stages of project preparation	12.02.01
Preparatory work for a working party of experts on industrial project planning	12.02.02
Technical background papers on advanced computer technologies for data storage and retrieval procedures	12.02.02 (priority B)
Studies related to profiles of repair and maintenance facilities	12.02.03
Continuation of extracts of industrial feasibility studies	12.02.04
Market analysis for industrial feasibility studies	12.03.01
Continuation of the studies on profitability and viability of industrial projects	12.03.02
Study on the techniques of calculating national parameters	12.03.03
Studies on (a) computer-oriented techniques for project implementation; and (b) uncertainty considerations in cost-control techniques	12.04.01
Reference studies on electronic data processing systems for industrial project implementation	12.04.01 (priority B)
Case studies of industrial project implementation	12.04.02
Continuation of work on the operational guide to regional industrial planning and supporting studies on industrial location	12.05.01 (priority B)
Studies on regional industrial development planning	12.05.02

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1970 (cont'd)

Project
Number

GROUP 13: Industrial Policies and Financing

Continuation of case studies of the relationship between the objectives of the industrialisation programme and the plans and policies used to achieve them	13.01.01
Continuation of studies on the identification of objectives of the industrialisation programme and formulation of industrial policies to achieve them	13.01.02
Continuation of case studies related to the training programmes on the design of industrial policy measures	13.02.01 (priority B)
Continuation of work on the manuals on industrial policies	13.02.02
Continuation of work on the directory of incentive measures in developing countries	13.02.03
Case studies of the machinery used to implement industrial plans and policies	13.03.01 (priority B)
Continuation of studies on policies for regional co-operation in the field of industrial development	13.04.01
Examination of the experience of certain countries in operating a capital market and stock exchange	13.05.01
Case studies of the policies and institutional arrangements for industrial financing in selected countries	13.05.02 (priority B)
Case studies related to the organisation of the workshop on financial planning and analysis techniques for industrial projects	13.06.01
Continuation of case studies of the application of financial analysis and planning techniques	13.06.02 (priority B)
Studies on joint-venture and external financing agreements	13.07.02
Studies related to the establishment and operation of national investment promotion machinery	13.08.01
Studies related to the portfolio of industrial projects and the investment promotion unit	13.09.01
Studies related to the promotion of specific industrial projects	13.09.02

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1970 (cont'd)

	<u>Project Component</u>
<u>Group 14: Promotion of Export-oriented Industries</u>	
Continuation of feasibility studies for products having definite export market prospects	14.01.01
Continuation of studies related to the joint UNIDO/ITC/UNDP exploratory missions	14.01.03
Documentation for an expert group meeting to review the current state of export-oriented industrial co-operation	14.02.01
Preparatory work to broaden the scope of the training programme in export production techniques	14.03.01
Case studies on utilisation of capacity for export	14.03.02
<u>Group 15: Industrial Reviews and Surveys</u>	
Completion of the third industrial development survey and preparatory work for the fourth volume	15a.01.01
Study on special problems of industrial development of the smaller developing countries	15a.02.01
Study on the effects of industrialisation on manufacturing employment and productivity	15a.02.02 (priority B)
Technical manual on industrial survey techniques	15a.03.01
Completion of reports on iron and steel and non-ferrous metals	15b.01.01
Report on engineering, textiles and building materials	15b.01.03
Studies on perspectives for the steel, lead and zinc industries	15b.02.01
Continuation of studies on the gap between therapeutic needs and the demand for pharmaceutical products	15b.02.02
Study on isotopes and radiation processing	15b.03.01
Studies on packaging techniques	15b.03.02

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1971

Project
Number

Group 1: Engineering Industries

- Special programmes in setting up and expanding the
manufacture of agricultural equipment and implements 1.01.01
- Regional survey on container manufacture 1.05.04

Group 3: Construction and Building Materials Industries

- Studies on the building materials industry relevant
to the needs of developing countries 3.06.01

Group 4: Chemicals, Pharmaceuticals and Fats and
Sugar Industries

- Regional survey of basic chemicals 4.01.02
- Continuation of studies on marine salt industries 4.02.01
- Studies on pharmaceuticals 4.03.02

Group 5: Fertilisers, Pesticides and Petrochemicals Industries

- Survey on prospects of fertiliser development possibilities
in the Middle East 5.01.01
- Continuation of study on underutilization of capacities in
the fertiliser and pesticide industries. 5.01.04
- Study on advantages of molten sulphur transport for
developing countries 5.02.01
(priority B)
- Continuation of studies on chlorine and the residual
effects of pesticides 5.03.01
- Background papers for a workshop on pesticides 5.03.03
- Study on thermo-setting plastics 5.04.02
(priority B)
- Studies on proteins from hydrocarbons 5.04.05

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1971 (cont'd)

	<u>Project component</u>
<u>Group 6: Light Industries</u>	
Studies on modern processing techniques in the food industry	6.02.07
Study on the role of automation in industrial leather production and its impact on the development of the leather industry	6.04.01
<u>Group 7: Industrial Legislation, Patents and Licensing</u>	
Studies on the industrial legislation in Latin America	7.03.01 (priority B)
Study of a selected field of industrial legislation	7.03.02 (priority B)
Studies on the establishment of a network of correspondents on up-to-date legislation on industrial promotion	7.03.03
<u>Group 8: Industrial Services and their Administration</u>	
Studies on the evaluation of industrial research in developing countries	8.01.03 (priority B)
Preparation of a manual for the organization and administration of national standardisation bodies	8.02.02
Country studies on experience in regional standardisation and on the organisations created for promotion of standardization	8.02.02 (priority B)
Studies on quality control in selected industries	8.02.04
Study on metrology: its role, requirements and application in developing countries	8.02.06 (priority B)
Preparatory studies for regional training workshops for industrial administrators	8.03.04 (priority B)
Studies on promotional activities in co-operation with professional associations	8.03.06
Organization of industrial promotion services at trade fairs	8.04.01

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1971 (cont'd)

	<u>Project component</u>
<u>Group 9: Industrial Information</u>	
Studies related to the promotion and organization of exchange of industrial information	9.01.05
Studies related to the Industrial Documentation Unit of UNIDO	9.02.01
Compilation of industrial feasibility studies and technical assistance reports	9.02.02
Elaboration of the roster of industrial consultants	9.02.04
Continuation of work on the register of industrial firms	9.02.05 (priority B)
Studies related to industrial inquiry and advisory services	9.03.01
Compilation of an industrial agencies handbook	9.03.02
Continuation of the work related to the "World Plan of Action for the Application of Science and Technology"	9.04
<u>Group 10: Industrial Management and Consulting Services</u>	
Studies on the introduction of corporate planning systems, particularly in export-oriented industries	10b.03.01
Studies on the organization and management of the distribution channels	10b.03.02
Studies on the organization and application of value analysis and cost reduction schemes in selected factories	10b.03.03
Studies on the organization and management of applied research and product development schemes	10b.03.04
Studies on the organization and management of material handling systems in selected groups of industries	10b.03.05
Studies on the use of systems analysis and management decision-making techniques in selected industries	10b.03.06
<u>Group 11: Small-scale Industry, including Industrial Extension Services and Industrial Estates</u>	
Continuation of studies for training workshops on extension services for small-scale industry	11.01.02
Surveys and evaluations for the establishment and strengthening of industrial extension service organizations	11.01.03
Study of common facilities for selected small-scale industries	11.01.04

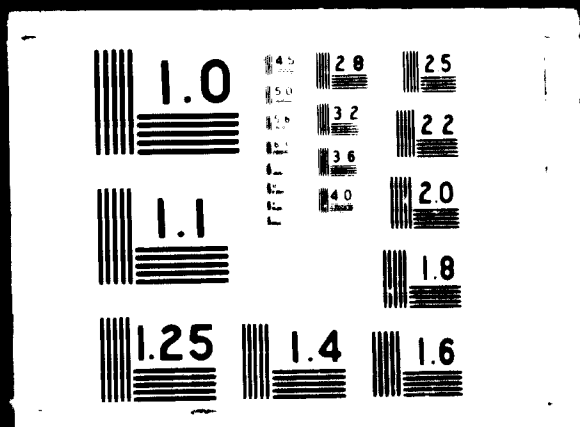


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STUDIES AND RESEARCH PROJECTS PLANNED FOR 1971 (cont'd)

	<u>Project component</u>
<u>Group 11: Small-scale Industry, including Industrial Extension Services and Industrial Estates (cont'd)</u>	
Studies on the establishment of small industries centres	11.01.05
Studies related to intensive modernization campaigns	11.01.06 (priority B)
Studies on joint action and co-operative marketing arrangements and on marketing of small industry products through chain stores, department stores and government- sponsored organizations	11.01.09
<u>Group 12: Industrial Programming and Project Planning</u>	
Finalization of summaries of national industrial development plans	12.01.01
Monographs on problems and techniques related to selection of priority industries	12.01.02
Studies related to planning of maintenance and modernization of industrial production facilities	12.01.03
Study on techniques of estimating the demand for producer durables	12.01.04
Studies on the organization of industrial planning and implementation machinery, with emphasis on systems approach	12.01.05
Compilation of a checklist for project preparation	12.02.01
Preparatory work for the second international working party on industrial programming data	12.02.02
Continuation of studies on advanced computer technologies for data storage and retrieval procedures	12.02.02 (priority B)
Compilation of Volume V of Profiles of Manufacturing Establishments	12.02.03
Completion of the first set of the extracts of industrial feasibility studies	12.02.04
Continuation of the market analysis for industrial feasibility studies	12.03.01
Finalizing of studies on profitability and viability of industrial projects	12.03.02
Revision of the study on national parameters	12.03.03
Reference studies on electronic data processing (EDP) systems for industrial project implementation	12.04.01 (priority B)

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1971 (cont'd)

Project
component

Group 12: Industrial Programming and Project Planning (cont'd)

Continuation of case studies on industrial project implementation	12.04.02
Continuation of case studies on regional industrial development planning	12.05.02

Group 13: Industrial Policies and Financing

Completion of case studies on the identification of objectives of the industrialization programme and the formulation of industrial policies to achieve them	13.01.02
Continuation of case studies for manuals on industrial policies	13.02.02
Continuation of case studies on machinery used to implement industrial plans and policies	13.03.01 (priority B)
Studies on establishing industrial financing institutions	13.05.01
Case studies of the policies and institutional arrangements for industrial financing	13.05.02
Case studies related to the organization of a workshop on financial planning and analysis techniques for industrial projects at the country level	13.06.01
Case studies of the application of financial analysis and planning techniques	13.06.02
Updating of the directory of external sources of financing	13.07.01
Continuation of the work on annotated text of prototype agreements in certain branches of industry	13.07.02
Continuation of studies related to the establishment and operation of national investment promotion machinery	13.08.01
Continuation of studies related to the portfolio of industrial projects	13.09.01
Continuation of studies related to the regional meetings to promote specific industrial projects	13.09.02

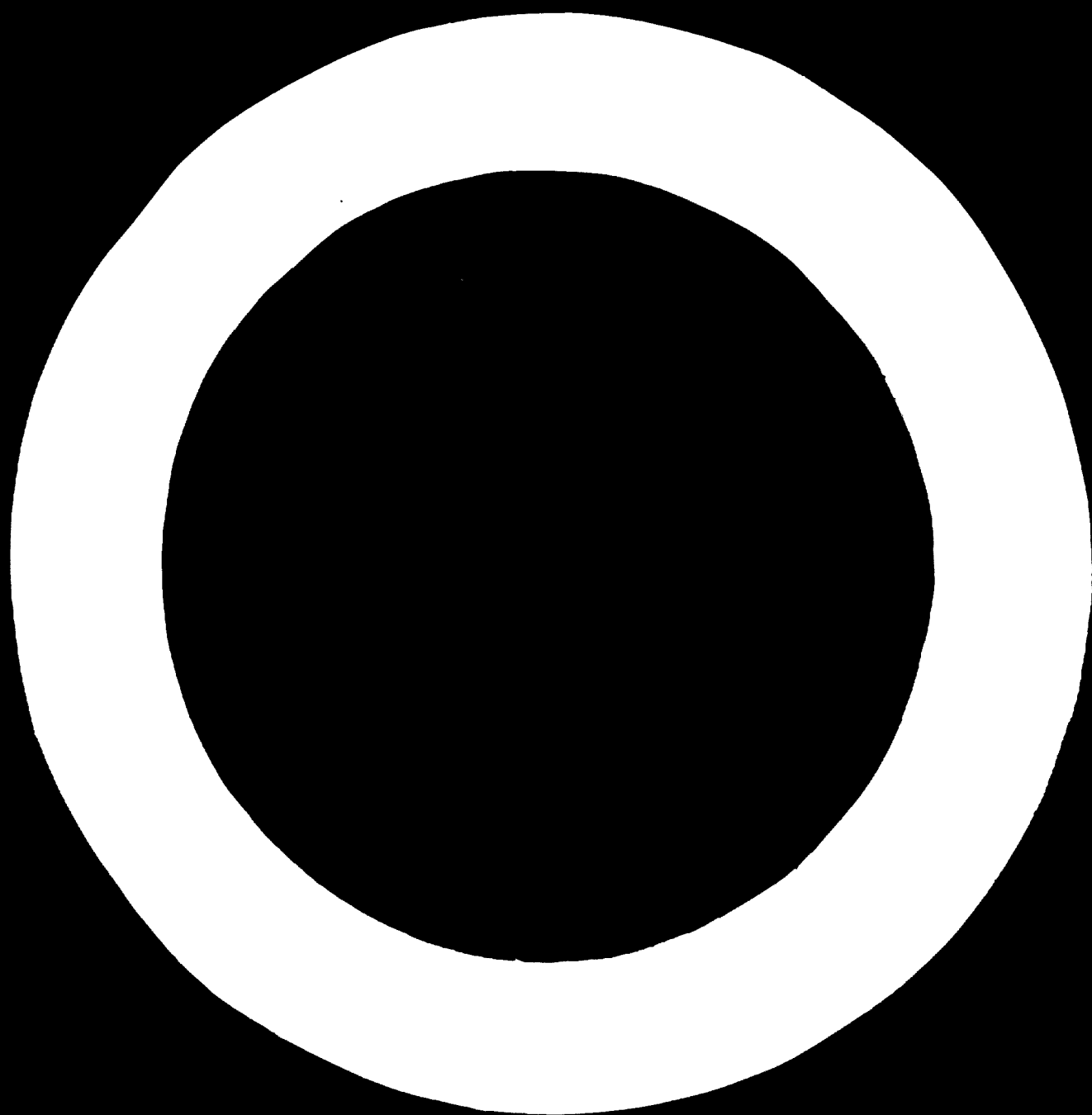
STUDIES AND RESEARCH PROJECTS PLANNED FOR 1971 (cont'd)

	<u>Project component</u>
<u>Group 14: Promotion of Export-oriented Industries</u>	
Export development studies of processed tropical food and vegetable products	14.01.01
Continuation of studies related to the metal-working industries as potential export industries	14.01.02
Continuation of studies related to the joint UNIDO/ITC/UNDP exploratory missions	14.01.03
Studies on international subcontracting as a means to expand exports from developing countries	14.02.01
Studies on the organizational set-up of government and industrial export promotion institutions	14.02.02 (priority B)
Study on free ports and free-zone areas as incentives to promote export-oriented industries	14.02.03 (priority B)
Preparatory work for an interregional training seminar on excess capacity for export	14.03.02
Review and evaluation of technical assistance for the promotion of export-oriented industries	14.03.03
<u>Group 15: Industrial Review and Surveys</u>	
Completion of the fourth volume of Industrial Development Survey and preparatory work for the fifth volume	15a.01.01
Study on sectoral changes in manufacturing growth	15a.02.03 (priority B)
Study of the problem of supply of statistical data	15a.04
Report on machine tools and industrial machinery	15b.01.02
Continuation of studies on perspectives for selected industrial branches for the 1970's	15b.02.01
Studies on forecasting of therapeutic needs, effective demand and supply of pharmaceuticals	15b.02.02
Completion of studies on isotopes and radiation processing	15b.03.01 (priority B)
Continuation of studies on packaging techniques	15b.03.02
Studies on industrialization and human environment	15b.03.03

ANNEX V

LIST OF PUBLICATIONS

1969-1971



PUBLICATIONS ISSUED IN 1969

<u>Symbol</u>		<u>Languages</u>
<u>Group 1: Engineering Industries</u>		
ID/6	Development of metalworking industries in developing countries (proceedings of interregional symposium, Moscow 1966)	E
ID/8	Report of the interregional symposium on metalworking industries in developing countries (Moscow, 1966)	F
<u>Group 2: Metallurgical Industries</u>		
ID/24	Report of the second interregional iron and steel symposium (Moscow, 1968)	E
<u>Group 3: Construction and Building Materials Industries</u>		
ID/15	The establishment of the brick and tile industry in developing countries	E F
ID/28	Report of the interregional seminar on the development of clay building materials in developing countries (Copenhagen, August 1968)	E F S
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>		
ID/26	Modernization and mechanization of salt industries based on seawater in developing countries (report of expert group meeting, Rome, September 1968)	E
<u>Group 5: Fertilizers, Pesticides and Petrochemicals Industries</u>		
ST/CID/15	Fertilizer manual	F S
ID/2	Fertilizer technology, production and use	F
ID/5	Report of the meeting of <u>ad hoc</u> expert group on fertilizer production in six selected countries with good natural gas resources (New York, December 1966)	E F S
ID/13	Factors inhibiting the indigenous growth of the fertilizer industry in developing countries (report of <u>ad hoc</u> expert group, Vienna, May 1968)	E

PUBLICATIONS ISSUED IN 1969 (cont'd)

Symbol

Languages

Group 5: Fertilizers, Pesticides and
Petrochemicals Industries (cont'd)

Fertilizer industry series

ID/SER.F/1	Chemical fertilizer projects: their creation, evaluation and establishment	F S
ID/SER.F/2	Guide to building an ammonia fertilizer complex	E F S
ID/SER.F/3	The reduction of sulphur needs in fertilizer manufacture	E F S
ID/SER.F/4	The ammonium chloride and soda ash dual manufacturing process in Japan	E F S
ID/SER.F/5	New process for the production of phosphatic fertilizers using hydrochloric acid	E F S

Petrochemical series

ID/SER.J/1	The Brazilian synthetic polymer industry	E F S
ID/SER.J/2	Selection of projects and production processes for basic and intermediate petrochemicals in developing countries	E F S
ID/SER.J/3	Studies in plastics fabrication and application	E
ID/SER.J/4	Studies in the development of plastics industries	E F S
ID/SER.J/5	Establishing standardization of plastics in developing countries	E S

Group 6: Light Industries

Food industry studies

ID/SER.I/1	The use of centri-therm expanding-flow and forced-circulation plate evaporators in the food and biochemical industries	E F S
ID/SER.I/2	Industrial processing of citrus fruit	E F S
ID/SER.I/3	Water-saving techniques in food-processing plants	E
ID/SER.I/4	Modern sterilization methods for milk processing	E S
ID/SER.I/5	Packaging and packaging materials with special reference to the packaging of food	E S

PUBLICATIONS ISSUED IN 1969 (cont'd)

<u>Symbol</u>		<u>Languages</u>
<u>Group 9: Industrial Information</u>		
<u>Industrial Research and Development News</u>		
ID/SER.B/6	Vol. III, No. 2	E
ID/SER.B/7	Vol. IV, No. 1	E
ID/SER.B/8	Vol. IV, No. 2	E
ID/SER.B/9	Vol. IV, No. 3	E
<u>UNIDO Newsletter</u>		
	12 issues	E P S
<u>Group 10: Industrial Training, and Industrial Management and Consulting Services</u>		
ID/3	Manual on the use of consultants in developing countries	F
<u>Training for industry series</u>		
ID/SER.D/1	Training of economic administrators for industrial development	E P S
ID/SER.D/2	Estimation of managerial and technical personnel requirements in selected industries	F S
<u>Group 11: Small-scale Industry, including Industrial Extension Services and Industrial Estates</u>		
ID/4	Industrial estates in Europe and the Middle East	F S
ID/27	Small-scale industry in Latin America	E
<u>Small-scale manufacturing studies</u>		
ID/SER.K/1	Bicycles, a case study of Indian experience	E
<u>Group 12: Industrial Programming and Project Planning</u>		
<u>Industrialization and Productivity Bulletin</u>		
ID/SER.A/12	No. 12	F S
ID/SER.A/13	No. 13	E P S
ID/SER.A.14	No. 14	E S

PUBLICATIONS ISSUED IN 1969 (cont'd)

Symbol

LANGUAGES

Group 12: Industrial Programming
and Project Planning (cont'd)

Industrial planning and programming series

ID/SER.E/2	International comparisons of interindustry data	E
ID/SER.E/3	Planning for advanced skills and technologies	E P S
ID/SER.E/4 Intro. only	Profiles of manufacturing establishments Vol.I	P S R
ID/19	Report of the interregional seminar on industrial location and regional development (Minsk, August 1968)	E P S

Group 14: Promotion of Export-
oriented Industries

ID/38	Utilization of excess capacity for export; report of the expert group meeting on excess capacity (Rio de Janeiro, March 1969)	E
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Group 15: Industrial Reviews
and Surveys

ID/9	Industrial development survey Vol.I	E P S R
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1970 PUBLICATIONS PROGRAMME

Group 1: Engineering Industries

ID/18	Report of expert group meeting on design, manufacture and utilization of dies and jigs in developing countries (Vienna, December 1968)	E P S
ID/34	Establishing domestic production of distribution transformers in developing countries	E S
ID/36	Report and proceedings of the seminar on the establishment and development of automotive industry in developing countries (Karlovy Vary, February-March 1969)	E
-	Plant requirements for specific agricultural machinery	E

1970 PUBLICATIONS PROGRAMME (cont'd)

<u>Symbol</u>		<u>Language</u>
<u>Group 2: Metallurgical Industries</u>		
ID/24	Report of the second interregional iron and steel symposium (Moscow, 1968)	P S R
ID/45	Report of expert group meeting on lead and zinc industries (London, 1969)	E
-	Report of expert group meeting on the utilization of scrap metal in developing countries (Vienna, November 1969)	E
-	Manual on foundries	E
<u>Group 3: Construction and Building Materials Industries</u>		
ID/15	The establishment of the brick and tile industry in developing countries	E
ID/39	The manufacture of cement and sulphuric acid from calcium sulphate	E
-	Report of expert group meeting on fibro-cement composites	E
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>		
ID/32	Proceedings of expert group meeting on the modernization and mechanisation of salt industries based on seawater in developing countries (Rome, September 1968)	E P S
ID/35	Report and proceedings of expert group meeting on establishment of pharmaceutical industries in developing countries (Budapest, May 1969)	E
<u>Group 5: Fertilisers, Pesticides and Petrochemicals Industries</u>		
ID/2	Fertiliser technology, production and use	E
ID/13	Factors inhibiting the indigenous growth of the fertiliser industry in developing countries (report of <u>ad hoc</u> expert group, Vienna, May 1968)	P S

1970 PUBLICATIONS PROGRAMME (cont'd)

Symbol

LANGUAGES

Group 5: Fertilizers, Pesticides and Petrochemicals Industries (cont'd)

Fertiliser industry series

ID/SER.F/6	Techno-economics of nitrophosphate fertilizers	E
ID/SER.F/7	Fertilizer demand and supply projections to 1980 for South and Central America	E
ID/SER.F/8	Utilization of by-product gypsum from wet process phosphoric acid for production of sulphuric acid and cement clinker	E

Petrochemical series

ID/SER.J/3	Studies in plastics fabrication and application	F S
ID/SER.J/5	Establishing standardization of plastics in developing countries	F
-	Manual on acrylic sheets	E

Group 6: Light Industries

ID/29	Report of expert group meeting on problems of preservation and refrigeration of food in developing countries (Vienna, February 1969)	E F S
ID/33	Report of expert group meeting on processing problems and selection of machinery in the woollen and worsted industry (Dursa, Turkey, 1968)	E
<u>Food industry studies</u>		
ID/SER.I/3	Water-saving techniques in food-processing plants	F S
ID/SER.I/4	Modern sterilization methods for milk processing	F
ID/SER.I/5	Packaging and packaging materials with special reference to the packaging of food	F
ID/SER.I/6	Production of feedstuffs and protein-enriched mixtures and concentrates	E F S
-	Manual on the establishment of knitting industry in developing countries	E

1970 PUBLICATIONS PROGRAMME (cont'd)

<u>Symbol</u>		<u>Languages</u>
	<u>Group 7: Industrial Legislation, Patents and Licensing</u>	
-	Industrial legislation in North Africa	E F S
	<u>Group 8: Industrial Services and their Administration</u>	
ID/30	Functions and organization of industrial research institutes	E F S
	<u>Group 9: Industrial Information</u>	
	<u>Industrial Research and Development News</u>	
ID/SER.B/10	Vol. IV, No. 4	E
ID/SER.B/11	Vol. V, No. 1	E F S
ID/SER.B/12	Vol. V, No. 2	E F S
ID/SER.B/13	Vol. V, No. 3	E F S
ID/SER.B/14	Vol. V, No. 4	E
	<u>Industrial Development Abstracts</u>	
-	No. 1	E F
-	No. 2	E F
	<u>UNIDO Newsletter</u>	
	12 issues	E F S R
	<u>Group 10: Industrial Training, and Industrial Management and Consulting Services</u>	
	<u>Training for industry series</u>	
ID/SER.D/3	The Lods textile seminars No. 1-8 (textile fibres, spinning, knitting, weaving and associated processes, non-conventional methods of fabric production, textile finishing, testing and quality control, plant and power engineering)	E F S

1970 PUBLICATIONS PROGRAMME (cont'd)

<u>Symbol</u>		<u>Languages</u>
<u>Group 11: Small-scale Industry, including Industrial Extension Services and Industrial Estates</u>		
ID/20	Technical services for small-scale industries	E F S
ID/21	Small-scale industries in the Arab countries of the Middle East	E F S
ID/27	Small-scale industry in Latin America	F S
<u>Small-scale manufacturing studies</u>		
ID/SER.K/1	Bicycles, a case study of Indian experience	F S
<u>Group 12: Industrial Programming and Project Planning</u>		
<u>Industrialization and Productivity Bulletin</u>		
ID/SER.A/14	No. 14	F
ID/SER.A/15	No. 15	E F S
ID/SER.A/16	No. 16	E F S
ID/SER.A/17	No. 17	E F S
<u>Project formulation and evaluation series</u>		
ID/SER.H/1	Evaluation of industrial projects Vol.II	E
ID/SER.H/2	Basic concepts in project evaluation and glossary of related terms (originally UNIDO/IPPD/9)	E F S
-	Proceedings: Interregional seminar on industrial location and regional development (selected studies, Minsk, August 1968)	E (F,S,R abstracts)
<u>Implementation of industrial programmes series</u>		
ID/SER.L/1	Implementation programming techniques for the developing countries	E F S
ID/42	Industrial programming data: First session of the international working party on industrial programming data (Vienna, November 1968)	E F S
ID/43	An annotated bibliography of international publications on industrial location and regional development 1958-1968	E

1970 PUBLICATIONS PROGRAMME (cont'd)

<u>Symbol</u>		<u>Languages</u>
<u>Group 13: Industrial Policies and Financing</u>		
ID/WG.35/32	Report of investment promotion conference for Tunisian industry (Tunis, May 1969)	E F
-	Directory of external sources of financing available for industrial projects in developing countries	E F
<u>Group 14: Promotion of Export-oriented Industries</u>		
ID/17	Training course in the development of industrial exports	E
ID/37	Methodological study on metal working industries as potential export industries (originally ID/WG.10/1 and ID/WG.10/2)	E
ID/38	Utilization of excess capacity for export; report of the expert group meeting on excess capacity (Rio de Janeiro, March 1969)	F S
<u>Group 15: Industrial Reviews and Surveys</u>		
ID/41	Industrial development survey Vol.II	E F S
	<u>Perspectives for industrial sectors in the Second Development Decade</u>	
-	Lead and zinc industry	E
-	Petrochemicals industry	E
-	Copper industry	E
-	Fertilizer industry	E
-	Automotive industry	E
-	Textiles industry	E
	<u>Industry branch reports</u>	
-	Non-ferrous metals reports	E
-	Iron and steel	E

FORECAST OF 1971 PUBLICATIONS PROGRAMME

Languages

Group 1: Engineering Industries

Report: Meeting on development of engineering design capabilities	E
Report: Metalworking industries in Asia (Japan 1970)	E
Report and proceedings: Seminar on automotive industry (Karlovy Vary, February-March 1969)	F S
Report: Expert group on agricultural machinery industry (Vienna, August 1969)	E F S
Report: Manufacture of telecommunication equipment (Vienna, October 1969)	E F S
Report: Meeting on repair and maintenance (October 1970)	E
Report: Meeting on manufacture of refrigeration equipment (August 1970)	E
Report: Panel on construction, etc. of installations for chemical industries	E
Idle shipbuilding and repair facilities	E
Assessment of ancillary automotive and spare parts production industries (consultant study)	E
Acceptance tests of metal-cutting machine tools	E

Group 2: Metallurgical Industries

Proceedings: Second interregional iron and steel symposium (Moscow, 1968)	E
Report: Seminar on copper production (Moscow, September 1970)	E
Report: Seminar on tin plate production (Latin America, August 1970)	E

Group 3: Construction and Building
Materials Industries

Small-scale manufacture of Portland cement	E S
Proceedings: Expert group on fibro-cement composites (Vienna, October 1969)	E F
Report and proceedings: Prefabrication in the building industries (1970)	E
Report and proceedings: Clay building materials industries workshop (1970)	E

FORECAST OF 1971 PUBLICATIONS PROGRAMME (cont'd)

Languages

Group 4: Chemicals, Pharmaceuticals
and Pulp and Paper Industries

- Report and proceedings: Expert group on pharmaceutical industries (Budapest, May 1969) F S
- Report: Manufacture of chemicals by fermentation (Vienna, December 1969) E
- Guide book for pharmaceutical industries E

Group 5: Fertilizers, Pesticides and
Petrochemicals Industries

- Techno-economics of nitrophosphate fertilizers F S
- Fertilizer demand and supply projections to 1980 for South and Central America F S
- Utilization of by-product gypsum F S
- World supply, demand and price trends of sulphur E
- Directory of fertilizer production facilities--
Part 1 - Africa E
Part 2 - Asia E
- Report: Interregional symposium on petrochemical industries (Baku, 1969) E F S R
- Report: Training course for industrial production of pesticides and insecticides (Syracuse, 1969) E

Group 6: Light Industries

Food industry studies

- Starch production in developing countries E F S
- Meat processing E F S
- Report: Expert group meeting on the production of fish-protein concentrate (Rabat, December 1969) E F S
- Report: Expert group on soybean processing and use (Peoria, Illinois, November 1969) E F S
- Report: Expert group on quality control in the textile industry (June 1970) E F S

FORECAST OF 1971 PUBLICATIONS PROGRAMME (cont'd)

Languages

Group 6: Light Industries (cont'd)

Food industry studies (cont'd)

Proceedings: Study group on production techniques in wooden houses (Vienna, November 1969)	E F S
Report: Study group on production panels from agricultural wastes (Vienna, 1970)	E F S
Proceedings: Seminar on integrated food processing (Novisad, November 1968)	E F S
Report: Expert group on technological development in food-processing equipment (Moscow, 1970)	E
Report: Expert group on the selection of machinery (dyeing and finishing industry - knitting industry) (Vienna, 1970)	E F S

Group 7: Industrial Legislation,
Patents and Licensing

Industrial legislation in some West African countries (Mali, Mauretania, Senegal, Ivory Coast)	E F S
Industrial legislation in Iran, Iraq, Afghanistan and Pakistan	E F S
Industrial legislation in the Philippines, Indonesia, Thailand, Burma and Malaysia	E F S

Group 8: Industrial Services and
their Administration

Manual on industrial co-operatives	E
Directory of research institutes	E
Guidelines for evaluation of industrial research institutes in developing countries	E F S

Group 9: Industrial Information

Industrial Research and Development News

Vol. V, No. 4	F S
Vol. VI, No. 1	E F S
Vol. VI, No. 2	E F S
Vol. VI, No. 3	E F S
Vol. VI, No. 4	E

FORECAST OF 1971 PUBLICATIONS PROGRAMME (cont'd)

Languages

Group 9: Industrial Information (cont'd)

Industrial Development Abstracts

No. 3	E F
No. 4	E F

UNIDO Newsletter

12 issues	E F S R
Handbook of industrial agencies: instalments 1-4	E F
Selected list of enterprises in industrialized countries	E
Guide to directories on industrial equipment	E F S
Manual on industrial equipment purchasing	E F S

Group 11: Small-scale Industry, including
Industrial Extension Services
and Industrial Estates

Small-scale manufacturing studies: Sewing machines	E F S
Promotion of small-scale industry in the developing countries	E F S
Report and selected papers: Expert group on subcontracting (Paris, October 1969)	E
Free-zone industrial estates	E
The place of small-scale industry in the industrial framework - a statistical analysis	E
Common service facilities for small-scale industries: No. 1 - Tool room	E F S
The functional industrial estate	E F S
Quality in small-scale manufacturing	E

Group 12: Industrial Programming
and Project Planning

Industrialization and Productivity Bulletin

No. 18	E F S
No. 19	E F S

FORECAST OF 1971 PUBLICATIONS PROGRAMME (cont'd)

Languages

Group 12: Industrial Programming
and Project Planning (cont'd)

Industrial planning and programming series

Structure of material inputs in manufacturing industries in inter-industry relations	E (F,S,R introd.)
Profiles of manufacturing establishments in selected countries Vol.III	E (F,S,R introd.)
Profiles in manufacturing establishments - supplement and analytical digest Vol.IV	E (F,S,R introd.)
Profiles of pre-investment industrial projects	E
Summaries of national industrial development plans: Vol.I	E
Industrial programming manual: No. 1	E F S
No. 2	E F S
No. 3	E F S
<u>Project formulation and evaluation series</u>	
Economics of project formulation and evaluation	E F S
Operational guide to industrial project preparation	E
<u>Industrial location and regional development planning series</u>	
Vol.I and II - Selected studies/operational guide	E
<u>Implementation of industrial programmes series</u>	
Case study on industrial project implementation	E F S
Industrial implementation problems	E F S
Time profiles of industrial project implementation	E
Information systems for industrial project implementation	E
Application of systems-analysis approach to industrial project implementation	E F S
Study of implementation programmes and control techniques	E F S

FORECAST OF 1971 PUBLICATIONS PROGRAMME (cont'd)

Languages

Group 13: Industrial Policies
and Financing

Report: Meeting to promote specific industrial projects (Rabat, October 1969)	E F S
Prototype of statutes for the establishment and operation of investment promotion centres	E
Report: Seminar on financial aspects of manufacturing enterprises (Rome, December 1969)	E F S
Report and proceedings: Interregional seminar on incentive policies for industrial development (Vienna, March 1969)	E F S
Directory on investment conditions in selected developing countries and updating	E F S
Technical assistance in the field of industrial policies	E F S
Country studies: Incentive policies for industrial development	E F S
Manual on industrial policies: No. 1 - Incentive policies and measures	E F
Prototype statutes for establishment and operation of industrial finance institutions	E F
Indicative prototypes of international joint venture agreements	E F

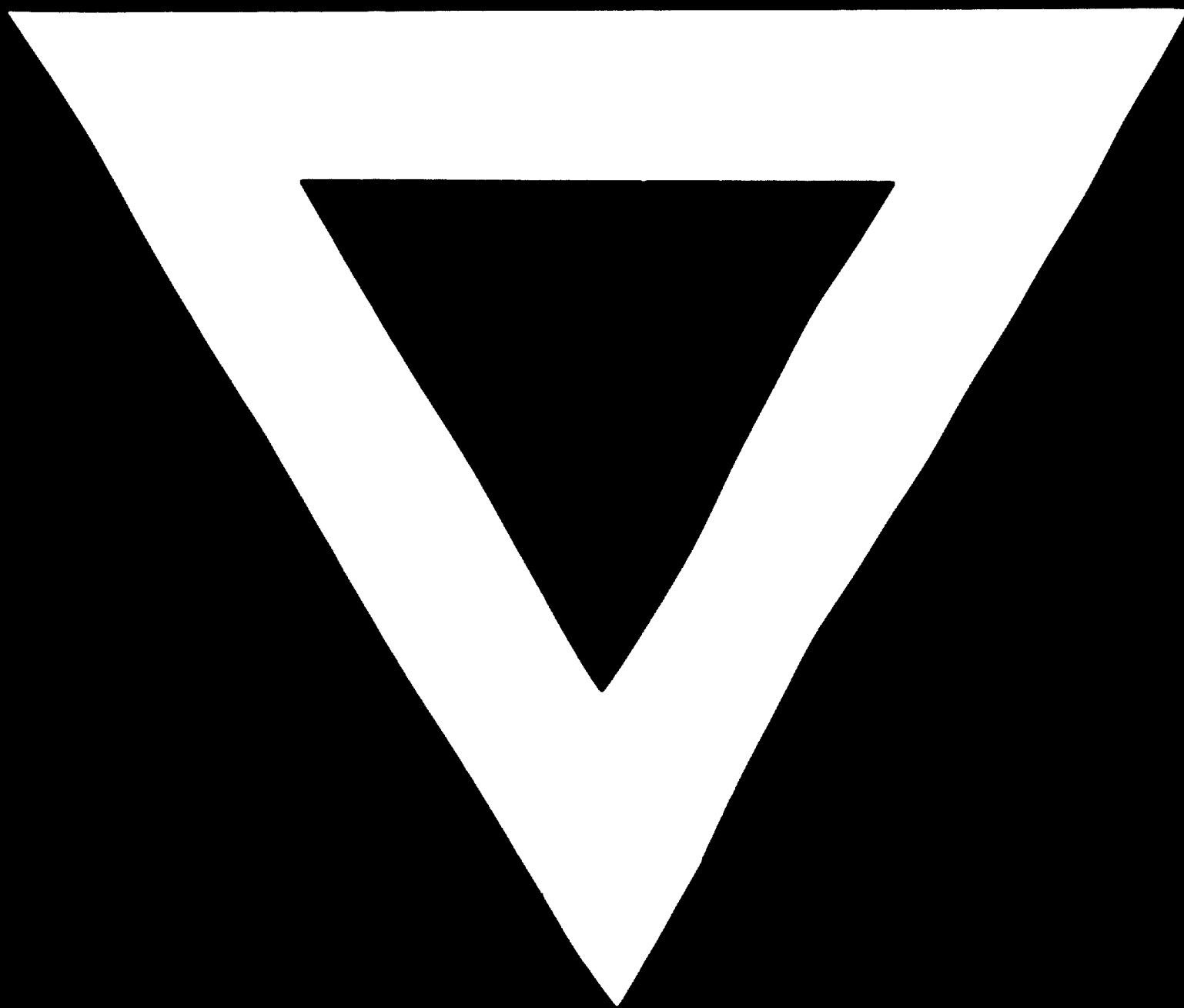
Group 14: Promotion of Export-
oriented Industries

Methodological study of metalworking industries as potential export industries	F S
Report: Expert group meeting on metalworking industries as potential export industries in developing countries (Vienna, December 1969)	E F S R

Group 15: Industrial Reviews
and Surveys

Industrial development survey Vol.III	E F S
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