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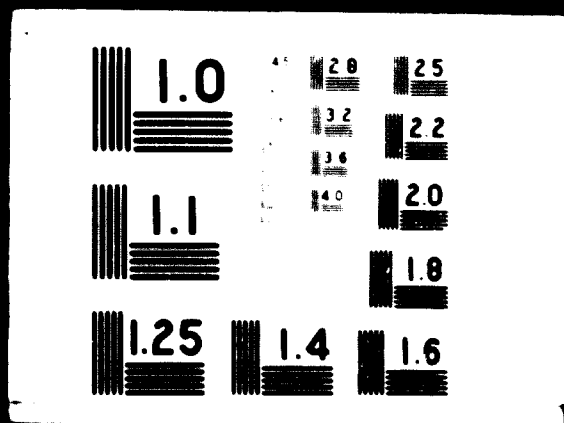
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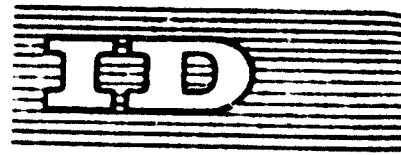
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from inception to end of 1966



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Insert Techniques of sectoral economic planning: the chemical industries. Prepared by T. Victoriss, Consultant. 1966. 58 pp. Industrial planning and programming series, No.1. ST/CID/14. (Sales No: 66.II.B.17. \$1.00)

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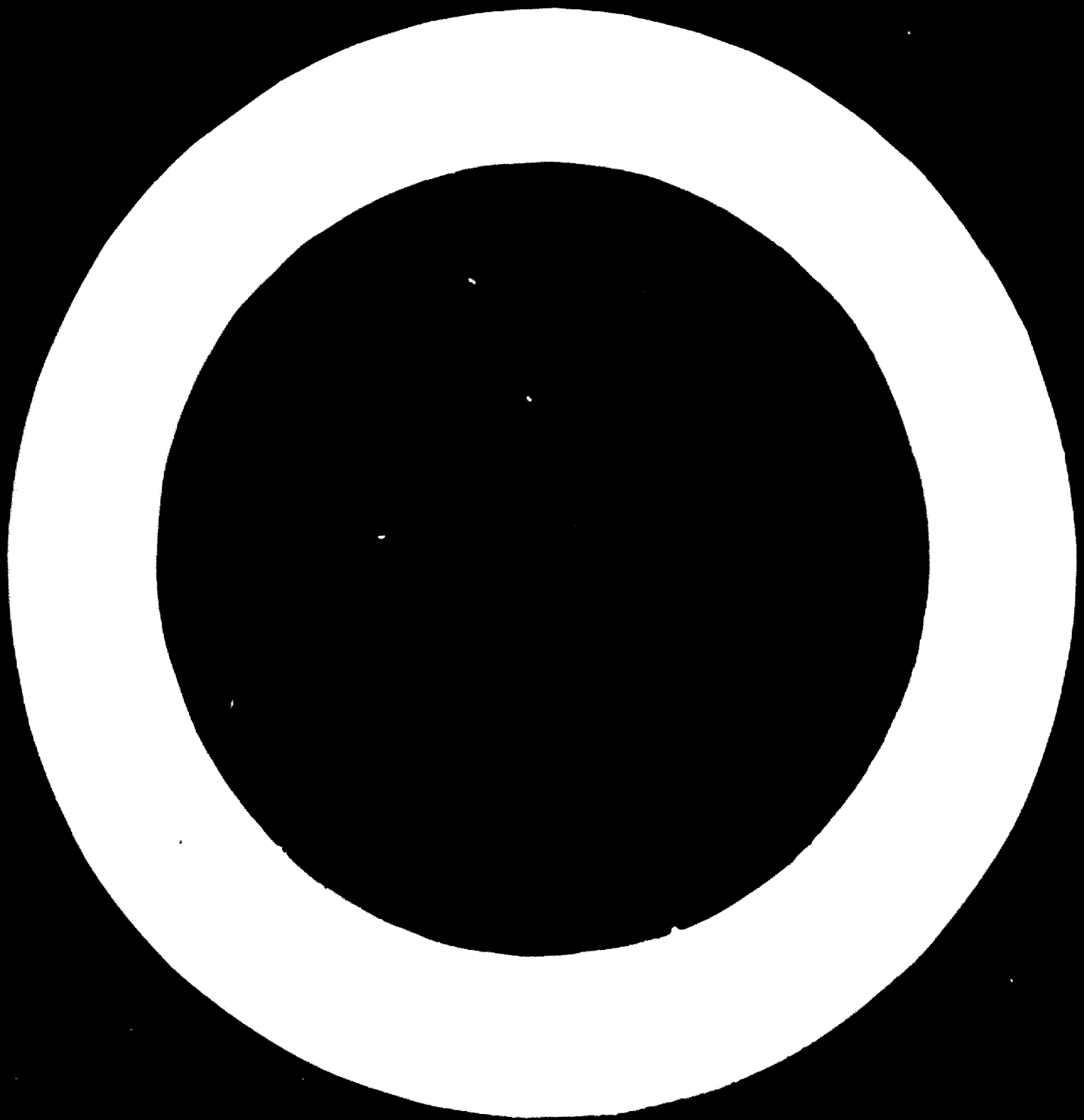
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- E/C.5/90 Industrial estates: policies, plans and progress. A comparative analysis of international experience.
- E/C.5/91 Activities related to United Nations programmes of technical co-operation. Support activities of the Centre. Report by the Secretariat.
- E/C.5/92 Social aspects of industrialization. Note by the Secretariat. Summarizes the Inter-Regional Seminar on Social Aspects of Industrialization, Minsk, 11 - 25 August 1964 and the Symposium on the Planning and Development of New Towns, Moscow, 24 August - 7 September 1964. Report of Minsk Seminar was published as Sales no. 65.IV.7 (ST/TAO/SER.C/74)
- E/C.5/93 Decision of the United Nations Conference on Trade and Development relating to industrial development. Note by the Secretariat.
- E/C.5/94 Report by the Managing Director on the activities of the United Nations Special Fund in the field of industrial development.

- E/C.5/95 Activities of the Economic Commission for Latin America related to industrialization. Report by the Executive Secretary.
- E/C.5/96 Activities of the Economic Commission for Europe related to industrialization. Report by the Executive Secretary.
- E/C.5/97 Activities of the Economic Commission for Africa related to industrialization. Report by the Executive Secretary.
- E/C.5/98
E/4065 Report of the Committee for Industrial Development, Fifth Session, 11-28 May 1965. (ECCOR, 39th session, supplement no. 6)

Sixth Session (26 April - 13 May 1966)

E/C.5/99/Rev.1

Agenda as adopted at 47th meeting.

99/Add.1 and Corr.1

Annotations to the list of items on the provisional agenda.

100

Industrial planning and programming. Industrial project evaluation. Note by the Secretariat (Summarizes the Inter-regional Symposium on Industries Project Evaluation, Prague, 11-29 Oct. 1965).

101

Industrial technology. Textile industries in developing countries. Note by the Secretary-General. (Transmits report of Inter-Regional Workshop on Textile Industries in Developing Countries, Lodz, 6-27 Sept. 1965).

102

Regional symposia on industrial development. Report of the Asian Conference on Industrialization, Manila, 6-20 Dec. 1965. Note by the Secretariat (Transmits report: E/CN.11/719 E & F)

103

Industrial technology. Promotion of standardization in developing countries. Note by the Secretary-General. (Transmits report of Inter-regional Seminar on the Promotion of Standardization in Developing Countries, Denmark, 4-25 Oct. 1965).

104 and Corr. 1
(R. only)

Industrial technology. Second-hand equipment for developing countries. Note by the Secretary-General. (Transmits report of Expert Group on Second-Hand Equipment for Developing Countries, New York, 7-22 Dec. 1965).

- E/C.5/ 105 Industrial training and management. UN Training Programme in Industrial Development and Planning for African Government Officials. Note by the Secretary-General. (Transmits report of Cairo Training Programme, 15 Feb. - 11 May 1965).
- 106 Industrial technology. The production of fertilizers. Note by the Secretary-General. (Transmits report of Inter-regional Seminar on the Production of Fertilizers, Kiev, 24 Aug. - 11 Sept. 1965, ST/TAO/SER.C/78).
- 107 Industrial planning and programming. Industrial location and regional development. Note by the Secretariat. (Outlines proposed Inter-regional Seminar on Location of Industry and Regional Development, 1967).
- 108 and Corr.1
(R. only) Small-scale industry. Activities of the Centre in the promotion of small-scale industries. Note by the Secretariat.
- 109 Industrial planning and programming. Activities of the Centre in the accumulation and evaluation of industrial programming data. Note by the Secretariat.
- 110 Report on the activities of the Centre for Industrial Development.
- 111 and Add.1 Industrial planning and programming. Criteria for the development of manufacturing industries in developing countries. Note by the Secretariat.
- 112 E F S R Industrial planning and programming: skill requirements in manufacturing industries. Note by the Secretariat.
- 112/Add.1 Industrial planning and programming: skill requirements in manufacturing industries. Note by the Secretariat, (transmits study by M. Zymelman, Consultant).

E/C.5/113

Industrial planning and programming.
Activities of the Centre for Industrial
Development. Note by the Secretariat.

114 & Corr.1

Industrialization policies, including
policies for the promotion of export-oriented
industries. Fiscal incentives for industrial
development. Note by the Secretariat.

115

Industrialization policies, including policies
for the promotion of export-oriented
industries. Activities of the Centre in the
field of industrial financing. Note by the
Secretariat.

116

Institutions for industrial development.
Organization and administration of public and
semi-public agencies in the field of industrial
development. Note by the Secretariat.

117

Institutions for industrial development.
Management of industrial research institutes.
Note by the Secretariat.

118

Institutions for industrial development. The
role of non-governmental agencies in industrial
development. Note by the Secretariat.

119

Institutions for industrial development.
Utilization of consulting services for
industrial development. Note by the Secretariat.

120

Institutions for industrial development.
Dissemination of information on industrial
research. Note by the Secretariat.

121

Institutions for industrial development.
Industrial legislation. Note by the Secretariat.

122

Institutions for industrial development.
Activities of the Centre in the field of
industrial services and supporting institutions.
Note by the Secretariat.

E/C.5/123

Industrialization policies, including policies for the promotion of export-oriented industries. Activities of the Centre in formulating policies for the promotion of export-oriented industries. Note by the Secretariat.

124

Industrial training and management. Inter-regional Working Party on Training of Economic Administrators of the Developing Countries in Industrial Development. Paris, 2-10 Sept. 1965. Report.

125/Add.1 &
Corr. 1-2

Activities of the UN System in the field of industrial development - ECOSOC resolution 1081 D (XXXIX). Progress report on the development of a framework for a consolidated report on the industrial development activities of the UN system of organizations.

125/Add.1
& Corr.1

Activities of the UN System in the field of industrial development - ECOSOC resolution 1081 D (XXXIX). Preliminary sample of the consolidated reports of the industrial development activities of the UN System of Organizations. Prepared by C.I.D.

125/Add.2

Activities of the UN System in the field of industrial development - ECOSOC resolution 1081 D (XXXIX). (Report by FAO. Transmitting FAO document: Review of FAO activities in the field of industrialization.)

126

Industrialization policies, including policies for the promotion of export-oriented industries. Policies and plans of developing countries regarding the public sector in manufacturing industries. Note by the Secretariat.

127

Industrial technology. Activities of the Centre in the field of the metallurgical industries. Note by the Secretariat.

128 & Rev.1
(R. only)

Industrial technology. Activities of the Centre in the field of engineering industries. Note by the Secretariat.

129

Industrial technology. The Centre's activities in the field of chemical industries. Note by the Secretariat.

- E/C.5/130 & Corr.1(.only)
& Corr.2(S.only) Industrial technology. Activities of the Centre in the field of building materials and construction industries. Note by the Secretariat.
- 131 Industrial technology. Activities of the Centre in the field of industrial standardization. Note by the Secretariat.
- 132 Industrial training and management. Activities of the Centre. Note by the Secretariat.
- 133 Industrial training and management. In-plant group training programmes for engineers and technicians. Note by the Secretariat.
- 134 & Corr.1 Activities of the Centre under the UN programmes of Technical Assistance. Note by the Secretariat.
- 135 International Symposium on Industrial Development. Note by the Secretary-General.
- 135/Add.1 International Symposium on Industrial Development. Reports of the regional symposia. (Summaries of reports of the Asian Conference on industrialization and the African Symposium on Industrial Development.)
- 135/Add.2 International Symposium on Industrial Development. Reports of the regional symposia. (Summary of report of the Conference on Industrial Development in Arab Countries, Kuwait, 1-10 Mar. 1966.)
- 135/Add.3 International Symposium on Industrial Development. Reports of the regional symposia. (Summary of the report of the Latin American Symposium on Industrialization. Report published by ECLA as E/CN.12/755 E & S.)
- 135/Add.4 International Symposium on Industrial Development. Conference on Industrial Development for the Arab States, Kuwait, 1-10 March 1966. Note by the Secretary-General. (Transmits report.)
- 136 Report of the Symposium on Industrial Development in Africa, Cairo, 27 Jan.-- 10 Feb. 1966. Note by the Secretariat. (Transmits E/CN.14/327. E&F only.)
- 137 Industrial technology. The Centre's approach and activities relating to the choice and adaptation of industrial technology. Note by the Secretariat.

- E/C.5/138 Social aspects of industrial development. Note by the Secretariat.
- 139 Social aspects of industrial development. Industrial social welfare. Note by the Secretariat.
- 140 Social aspects of industrial development. Industrialization and population growth. World Population Conference, Belgrade, 1965. Note by the Secretariat.
- 141 Industrialization policies, including policies for the promotion of export-oriented industries. Note by the Secretary-General. (Draws attention to ECCSOC res. 1100 (XL) and 1081 C (XXXIX), and Secretary-General's report in E/4131 & Corr.1.)
- 142 Industrialization policies, including policies for the promotion of export-oriented industries (including financial), financing of industrial development, progress of activities of the Fiscal and Financial Branch. Note by the Secretariat.
- 143 Industrialization policies, including policies for the promotion of export-oriented industries. Tax incentives for export promotion. Note by the Secretariat.
- 144 Statement by Mr. I.H. Abdel-Rahman, Commissioner for Industrial Development, on 26 April 1966.
- 145 Establishment of a United Nations Organization for Industrial Development. Report of the Ad Hoc Committee on the United Nations Organization for Industrial Development. (Transmits A/6229 and E/4192.)
- 146 Programme of work and priorities. List of research projects of the Centre for Industrial Development. Note by the Secretariat.
- 147 Regional and international symposia on industrial development. Algeria, Cameroon, Chile, Dahomey, Iran, Iraq, Kuwait, Morocco, Pakistan, Panama, Philippines and Turkey. draft resolution.
- 147/Rev.1 Regional and international symposia on industrial development. Algeria, Cameroon, Chile, Dahomey, Gabon, Greece, India, Iraq, Kuwait, Mexico, Morocco, Pakistan, Panama, Peru, Philippines, Turkey and the United Republic of Tanzania: draft resolution.

- E/C.5/147/Rev.2 Regional and international symposia on industrial development. Algeria, Cameroon, Chile, Dahomey, Gabon, Greece, India, Iran, Iraq, Kuwait, Mexico, Morocco, Pakistan, Panama, Peru, Philippines, Turkey and the United Republic of Tanzania: draft resolution.
- 148 Activities of the United Nations system in the field of industrial development. Iran, Iraq, Kuwait, Pakistan, Philippines and Turkey: draft resolution.
- 149 Regional and international symposia on industrial development. Statement of financial implications (of draft resolutions E/C.5/147 and Rev.1-2) by the Secretary-General.
- 150 Report of the Committee for Industrial Development, Sixth Session, 26 April - 13 May 1966. (ESCOR, 41st session, suppl. no. 6)

2. Limited series

First Session (27 March - 21 April 1961)

- E/C.5/L.1/Rev.1 Development of petroleum resources in less developed countries. Brazil and USA: revised draft resolution.
- E/C.5/L.2/Rev.1
E/3476/Rev.1 Report of the Committee for Industrial Development on its First Session, held at UN Headquarters from 27 March to 21 April 1961 (ESCOR, 31st session, supplement no. 2)

Second Session (5 - 28 March 1962)

- E/C.5/L.3 Organization of the work. Note by the Chairman.
- E/C.5/L.4 Statement of the Managing Director of the UN Special Fund in Working Group II.
- E/C.5/L.5 Statement by Mr. de Seynes, Under-Secretary for Economic and Social Affairs, 13 March 1962.
- E/C.5/L.6
and Rev.1 Industrial development activities of the United Nations. Family - Brazil, Colombia, India, Madagascar, Pakistan, the U.K. and Yugoslavia: revised draft resolution.
- E/C.5/L.6/Rev.1/
Add.1 Statement of financial implications of draft resolution E/C.5/L.6/Rev.1 and of the draft report of the Committee to the ECOSOC (E/C.5/L.8 and addenda 1-6)

- E/C.5/L.7/Rev.1 Establishment of an international organization for industrial development. India and U.K. amendments to the draft resolution submitted by Brazil, Colombia, Madagascar, Pakistan, Yugoslavia and Uruguay.
(E/C.5/L.6 and Add.1)
- E/C.5/L.8 Draft report to the ECOSOC on the second session of the Committee.
- " /Add.1 As above. Note by the Rapporteur.
and Corr.1
- E/C.5/L.8/Add.2 List of delegations submitted as Annex I by the Rapporteur
- " /Add.3 Organizational question, Chapter IV, Section A. Work of the United Nations, the specialized agencies, the IAEA, including the rendering of assistance under the programme of technical co-operation and the operations of the Special Fund and concerted action in the field of industrialization.
- " /Add.4 Chapter IV, Section B. Organization of the Industrial Development Centre. Advisability of establishing a specialized agency or any other appropriate body for industrial development.
- " /Add.5 Chapter II, Summary of the debate of the Committee's draft report to the ECOSOC. Note by the Rapporteur.
- " /Add.6 Chapter V of the Committee's draft report to ECOSOC. List of projects approved by the Committee.

Third Session (13 - 31 May 1963)

- E/C.5/L.9 List of background documents on planning and programming of industrial development. Note by the Secretariat.
- E/C.5/L.10 Petroleum exploration: capital requirements and methods and Corr.1 of financing. Excerpts from Proceedings of the United and Rev.1 Nations Inter-Regional Seminar on Techniques of Petroleum Development held at Headquarters, 23 January - 21 February 1963. Note by the Secretariat.
Proceedings published as ST/TAO/SER.C/60

- E/C.5/L.11 Summary of the proceedings of the Seminar on Industrial Development Programming for the Latin American Region, Sao Paulo, Brazil, 4-15 March 1963. Note by the Secretariat.
See E/C.5/27
- E/C.5/L.12 Integrated programme and budget policy. Note by the Secretary-General.
- E/C.5/L.13 Organization of the Committee's work. Note by the Chairman.
- E/C.5/L.14 and Corr.1 Statement by Dr. José Antonio Mayobré, Commissioner for Industrial Development.
- E/C.5/L.15 Organization of the Committee's work. Arrangements approved by the Committee at its 21st meeting on 14 May 1963.
- E/C.5/L.16 Information on budgetary expenditures directly related to industrial development. Note by the Secretariat.
- E/C.5/L.17 Industrialization as a means of developing and transforming the economies of the less developed countries. Memorandum by the delegation of the USSR.
- E/C.5/L.18 Definition of the term "industrialization." Memorandum by the U.S. delegation.
- E/C.5/L.19 Activities of the United Nations Family in the field of industrial development. Statement by Dr. J.A. Mayobré, Commissioner for Industrial Development.
- E/C.5/L.20 United Nations Conference on Trade and Development. Note by the Secretariat.
- E/C.5/L.21 Information on the structure of the Centre for Industrial Development. Note by the Secretariat.
- E/C.5/L.22 Report of the Advisory Group of Experts on Industrial Development Activities of United Nations System.
Brazil: Draft resolution.
- E/C.5/L.22/Rev.2 Brazil: Revised draft resolution.

Rev.2/ Algeria and UAR added as sponsors.
Add.1

- E/C.5/L.23
and Corr.1 Plan for the establishment of a Maghreb Centre for Industrial Studies. Memorandum submitted by the Tunisian delegation.
- E/C.5/L.24
and Corr.1 Structure and terms of reference of the Inter-sessional Working Group. Note by the Secretariat.
- E/C.5/L.25 Consideration and approval of the Committee's report to ECOSOC. Note by the Rapporteur. Draft sections submitted to Working Group I.
- " /Add.1
" /Corr.1
- " /Add.2
" /Corr.1
- " /Add.3
" /Corr.1
- " /Add.4
" /Corr.1
- " /Add.5
" /Corr.1
- " /Add.6
" /Corr.1
- E/C.5/L.26
and Corr.1-3 Consideration and approval of the Committee's report to ECCSOC. Draft sections submitted to Working Group II. Note by the Rapporteur.
- E/C.5/L.26/Add.1 As above
- " /Add.2
- " /Add.3
" /Corr.1
- " /Add.4
" /Corr.1
- E/C.5/L.27 Consideration and approval of the Committee's report to ECOSOC. Draft sections submitted to the Committee by the Rapporteur.

- E/C.5/L.27/Add.1 As above
" /Add.2 " "
" /Add.3 Financial implication of the work programme for 1963-4 endorsed by the Committee.
- E/C.5/L.28 Report of the Advisory Committee of Experts on Industrial Development Activities of the United Nations. U.S.A.: Amendment to revised draft resolution of Brazil (E/C.5/L.22/Rev.2)
- E/C.5/L.29 Text of decision taken by the Committee at its 28th meeting on 31 May 1963 approving the revised draft resolution by Algeria, Brazil, U.A.R. (E/C.5/L.22/Rev.2/Add.1) as amended.

Fourth Session (2 - 19 March 1964)

- E/C.5/L.30 United Nations machinery in the field of industrial development. Development of United Nations activities and organization in the field of industry: Working paper prepared by the Secretariat.
- E/C.5/L.31 and Add.1 International and regional symposia on industrial development. Note by the Secretariat.
- E/C.5/L.32 Statement by Dr. I.H. Abdel-Rahman, Commissioner for Industrial Development, at the 29th meeting of the Committee.
- E/C.5/L.33/ Rev.1 United Nations machinery in the field of industrial development. United States of America: Draft resolution
- E/C.5/L.34 United Nations machinery in the field of industrial development. Algeria, Argentina, Brazil, Chile, Colombia, Ecuador, Iraq, Tunisia and Yugoslavia: Draft resolution
- " /Rev.1 United Nations machinery in the field of industrial development. Algeria, Argentina, Brazil, Chile, Colombia, Ecuador, Iraq, Tunisia and Yugoslavia: revised draft resolution.
- E/C.5/L.35 and Add.1-16 Consideration and approval of the Committee's report to the Economic and Social Council: Draft sections submitted to the Committee.

- E/C.5/L.36 International and regional symposia on industrial development - Argentina, Chile, Iraq, Philippines and Tunisia: Draft resolution.
- E/C.5/L.37 United Nations machinery in the field of industrial development - Algeria, Argentina, Brazil, Chile, Colombia, Ecuador, Iraq, Tunisia and Yugoslavia: Amendments to U.S.A. draft resolution (document E/C.5/L.33)
- E/C.5/L.38 Statement of financial implications by the Secretary-General concerning draft resolution contained in document E/C.5/L.36
- E/C.5/L.39 International and regional symposia on industrial development. France and Japan: Amendments to draft resolution in E/C.5/L.36
- E/C.5/L.40 Statement of financial implications submitted by the Secretary-General concerning the revised draft resolution contained in document E/C.5/L.34/Rev.1
- E/C.5/L.41 Statement of financial implications submitted by the Secretary-General concerning the revised draft resolution contained in document E/C.5/L.33/Rev.1
- Fifth Session (11 - 28 May 1965)
- E/C.5/L.42 Statement by Mr. I.H. Abdel-Rahman, Commissioner for Industrial Development, at the opening meeting of the Committee.
- E/C.5/L.43 and Add. 1-11 Draft report to the Economic and Social Council on the fifth session of the Committee
- E/C.5/L.44 Decisions of the United Nations Conference on Trade and Development relating to industrial development. Note by the Secretary-General.
- E/C.5/L.45 United Nations machinery in the field of industrial development. Canada and United States of America: Draft resolution.
- E/C.5/L.46 United Nations machinery in the field of industrial development. Algeria, Argentina, Brazil, Cameroon, Chile, Ecuador, Gabon, Iraq, Kuwait, Mexico, Morocco, Peru, Philippines: Draft resolution.

- E/C.5/L.47 United Nations machinery in the field of industrial development. Argentina: Amendment to the draft resolution in document E/C.5/L.45
- E/C.5/L.48 Activities of the United Nations system in the field of industrial development. France and United States of America: Draft resolution
- E/C.5/L.49
Rev.1 Decisions of the United Nations Conference on Trade and Development relating to industrial development. Philippines: Revised draft resolution
- E/C.5/L.50 International and regional symposia on industrial development. Algeria, Argentina, Austria, Brazil, Cameroon, Chile, Czechoslovakia, Ecuador, Gabon, Greece, Iraq, Kuwait, Mexico, Morocco, Pakistan, Peru, Philippines and Sweden: Draft resolution
- E/C.5/L.51 Review of the activities of the Centre for Industrial Development and considerations relating to its future programme of work. Chile: Draft resolution
- E/C.5/L.51/Rev.1 Review of the activities of the Centre for Industrial Development and considerations relating to its future programme of work. Algeria, Argentina, Brazil, Central African Republic, Chile, Ecuador, Gabon, Mexico, Morocco, Pakistan, Peru, Turkey: Revised draft resolution
- E/C.5/L.52 United Nations machinery in the field of industrial development. Resources of the Centre for Industrial Development. Note by the Secretary-General.
- E/C.5/L.53 International and regional symposia on industrial development. Note by the Secretary-General
- E/C.5/L.54 Statement by Mr. David Owen, Executive Chairman of the Technical Assistance Board at the 45th meeting of the Committee on 28 May 1965
- E/C.5/L.55 Statement by Mr. Martin Rosen, Executive Vice-President of the International Finance Corporation, at the 45th meeting of the Committee on 28 May 1965

Sixth Session (26 April - 13 May 1966)

- E/C.5/L.56 Industrial technology. Kuwait, Pakistan and Philippines: Draft resolution.
- E/C.5/L.57 Industrialization policies, including policies for the promotion of export-oriented industries. The Philippines: Draft resolution.
- E/C.5/L.57/Rev.1 Industrialization policies, including policies for the promotion of export-oriented industries. Dahomey, India, Peru, Philippines: Draft resolution.
- /Rev.2 Industrialization policies, including policies for the promotion of export-oriented industries. Dahomey, India, Peru, Philippines and Turkey: Revised draft resolution.
- E/C.5/L.58 and Corr.1 (E. only) Statement by Mr. Ernest Weissman, Director of the Centre for Housing, Building and Planning (59th meeting - 4 May 1966)
- E/C.5/L.59 & Add.1-12 Draft report of the Committee to the Economic and Social Council: Draft chapters submitted to the Committee.
- E/C.5/L.60 Statement by Mr. Philippe de Seynes, Under-Secretary for Economic and Social Affairs (65th meeting - 9 May 1966).

3. Information series

- E/C.5/INF.1-6 Lists of representatives. (Republished in reports of Committee. SEE p. 35)

4. Non-governmental organization series

- E/C.5/N.G.O/1 Transfer and adaptation of technology for developing countries. International standardization. Need for national and international standards. Statement submitted by the International Organization for Standardization a non-governmental organization in Category B consultative status

5. Background, Conference, miscellaneous Papers, etc.

Availability: As a rule, the papers listed here have restricted circulation, often being of a provisional nature. They are rarely available to outside inquirers. Enquiries should be addressed to Reference and Documentation Unit. Here are listed mainly papers which have not been reproduced later in another form.

First Session (27 March - 21 April 1961)

Conference papers

- | | |
|-------|---|
| no. 1 | Approach to industrialization.
Paper by the Brazilian delegation |
| 2 | Note on training |
| 3 | Note on management |
| 4-7 | Report of the Drafting Groups |
| 8 | Studies of industrial development problems - Africa |

Working paper (Restricted. Series discontinued)

- E/C.5/W.P. 1 Statement concerning the implications in terms of staff requirements of the proposals for longer term and expanded work in industrialization
Dittoed

Miscellaneous

Investment and current input data in industrial programming: a case study of some industries in the ECAFE Region.

Prepared by the Division of Industrial Development for the 2nd Working Group of Experts on Programming Techniques in ECAFE Region, 18 Jan. - 15 Feb. 1961

A study of equipment/output ratios

Prepared by the Division of Industrial Development for the 2nd Working Group of Experts on Programming Techniques in ECAFE Region, 18 Jan. - 15 Feb. 1961

Not available

Guide for preparing first-draft pre-investment data summaries (Joint Headquarters/UNCLA industrial development programming project, New York, 31 Oct. 1960)

Not available

Programming data for the petroleum industry, by Prof. Alan S. Manne.

Paper presented to Expert Working Group on Industrial Development Programming Data (UN Division of Industrial Development/ECLA/BTAO), 17-19 May 1961

Dittoed, bearing discontinued symbol IDF/EWG.1

Reprinted in Ind. and Prod. bulletin no. 10 (sales no. 66.II.B.8)

Questionnaire on industrial planning and development
Also submitted to 2nd session

Reprinted in E/C.5/24 and Ind. and Prod. bulletin no. 6 (sales no. 63.II.B.1)

Evaluation of projects in predominantly private enterprise economies

Preliminary draft. Reprinted in Ind. and Prod. bulletin no. 5 (sales no. 62.II.B.1)

Second Session (5 - 28 March 1962)

Conference Room papers

nos. 1-9 Reports of Drafting Groups to the Working Groups

Miscellaneous papers

no. 1 &
revised draft

Projections of demand for industrial equipment
Reprinted in Ind. and Prod. bulletin no. 7

2

Evaluation of projects in predominantly private enterprise economies: selected procedures, based on case studies
Reprinted in Ind. and Prod. bulletin no. 5

3

Report of the meeting of the Expert Working Group on Industrial Development Programming Data, 17-19 May 1961 (Division of Industrial Development/ECLA/BTAO)
Summarized in Ind. and Prod. bulletin no. 5

4

Economic factors in urban growth in Africa: the role of industrialization

5 &
revised draft

Organizational aspects of planning
Reprinted in Ind. and Prod. bulletin no. 9

Miscellaneous

A study of industrial growth
Subsequently issued as ST/ECA/74 (sales no. 63.II.B.2)

Adaptation of processes, equipment and products
Reprinted in Ind. and Prod. bulletin no. 6
(sales no. 63.II.B.1)

Besoins en capitaux pour la recherche du petrole, et
methodes de financement - etude preparee par le Secretaire-
General

Issued in a revised form as sales no. 62.II.B.3, under
the title: Petroleum exploration: capital requirements
and methods of financing

Report of the Seminar on Industrial States in the ECAFE
Region

Reprinted in Ind. and Prod. bulletin no. 5 (sales No.
62.II.B.1)

Industrialization for economic development - trends and
problems, 1950 - 1959

Third Session (13 - 31 May 1963)

See also documents listed in E/C.5/L.9

Miscellaneous

Methods of analysis and projection of demand for
industrial goods.

Preliminary draft. Provisional text submitted to
4th session. Reprinted in Ind. and Prod. bulletin
no.9 with title: Analysis and projections of
consumption demand

Export promotion of small industry products

Preliminary draft
Reprinted as E/CONF.46/33

Aspects of the design of machinery production, by
S. Melman

Also submitted to the 4th session. Reprinted in
Ind. and Prod. bulletin no. 8 (sales no. 64.II.B.6)

Fourth Session (2 - 19 March 1964)

Miscellaneous

Maturation period of investment in selected industrial projects

Economic characteristics of assembly industries

Questionnaire on industrial estates

Economic problems in developing new towns and expanded towns, with emphasis on industrial planning and development, by Dr. L. Rodwin

Fifth Session (11 - 28 May 1965)

Miscellaneous

Adaptation of technology to scale of production in chemical process industries for developing countries

Análisis crítico de las actividades de entrenamiento en la Compañía de Acero del Pacífico S.A.

Fertilizer Manual

Managerial and technical personnel requirements: cement industry

Managerial and technical personnel requirements: fertilizer industry

Preliminary study on the patterns of industrial development in developing countries

Report on the iron and steel industry

Training of key technical personnel for India's industrial development

The use of second-hand equipment in developing countries
Re-issued as CID/CONF.7(65)4

The following paper was not submitted to the Committee:

Working Paper/1 Managerial practices for industrial research institutes in developing countries, prepared by Dr. Lawrence W. Bass, 14 May 1965

Sixth Session (26 April - 13 May 1966)

- CID/VI/Background
paper no. 1
- Report of the United Nations Inter-regional Conference on the Development of Petrochemical Industries in Developing Countries, Teheran, 16-30 November 1964.
Reprinted as ST/TAC/SER.C/83 (sales no. 66.II.B.14)
- no. 2 Growth pattern of iron and steel industry in developing countries, by Dr. B. R. Nijhawan, Consultant
- no. 3 The practical application and use of improved industrial management techniques by industries in developing countries, by G. Ronson, Consultant.
- no. 4 Textiles industries in developing countries, by Victor Saxl, Consultant. (Working paper for the UN Inter-regional Workshop on Textile Industries in Developing Countries, held at Lodz, Poland; 6-27 Sept. 1965).
- no. 5 A pre-investment study of the soda industry, by C. R. Rao, Consultant.
- no. 6 A pre-investment study of the calcium silicate bonded brick industry, by G. E. Bessey, Consultant.
- no. 7 The potential of second-hand equipment in industrialization of developing countries, by Prof. A. Wiener, Consultant.
- no. 8 Standardization: its significance, aims and possibilities for developing countries, by H.A.R. Binney and H.M. Glass, Consultants. (Working paper for Inter-regional Seminar on the Promotion of Industrial Standardization in the Developing Countries, Helsingoer, 4-25 Oct. 1965).
- no. 9 The use of consultants in developing countries, by L. W. Bass, Consultant.
- no. 10 Trends in the design of metalworking machinery and in production methods, by Prof. M. Kronenberg, Consultant.
- no. 11 Production management for developing countries, by Prof. Eilon, Consultant.

- CID/VI/Background
paper no. 12 Organization and administration of public and semi-
public agencies in the field of industrial develop-
ment, by H. S. Gillies, Consultant.
- no. 13 Corporate planning practices in the industrialized
countries, by J. D. Mooney, Consultant.
- no. 14 Industrial estates: policies, plans and progress.
A comparative analysis of international experience.
Reprinted as ST/CID/19 (sales no. 66.II.B.16).
- no. 15 Estimation of managerial and technical personnel re-
quirements in the pulp and paper industries, by
E. W. Eames, Consultant.
- no. 16 cancelled
- no. 17 Estimation of managerial and technical personnel re-
quirements in the field of leather and shoe manufac-
turing industries, by P. R. Kelly, Consultant.
- no. 18 Estimation of managerial and technical personnel re-
quirements in metal processing industries (foundry-
forging-variety of machine shops), by W. W. Waite,
Consultant.
- no. 19 A report on the world sugar industry. Managerial
and technical personnel requirements, by E. M. Hine,
Consultant.
- no. 20/Rev.2 List of documents. Revised list.

6. Meeting Records

A. Plenary meetings (Series symbol E.C.5/SR...)

<u>Meeting</u>	<u>Date</u>	<u>Meeting</u>	<u>Date</u>		
<u>1st sessions:</u>	1	27 March 1961	4th sessions:		
	2	28 March 1961	29	2 March 1964	
	3	29 March 1961	30	3 March 1964	
	4	29 March 1961	31	4 March 1964	
	5	30 March 1961	32	4 March 1964	
	6	30 March 1961	33	16 March 1964	
	7	3 April 1961	34	17 March 1964	
	8	7 April 1961	35	17 March 1964	
	9	12 April 1961	36	18 March 1964	
	10	14 April 1961	37	18 March 1964	
	11	21 April 1961	38	19 March 1964	
<u>2nd sessions:</u>	12	5 March 1962	5th session:	39	11 May 1965
	13	7 March 1962		40	12 May 1965
	14	7 March 1962		41	13 May 1965
	15	8 March 1962		42	13 May 1965
	16	9 March 1962		43	14 May 1965
	17	9 March 1962		44	20 May 1965
	18	27 March 1962		45	28 May 1965
	19	28 March 1962		46	28 May 1965
<u>3rd sessions:</u>	20	13 May 1963	6th session:	47	26 April 1966
	21	14 May 1963		48	26 April 1966
	22	15 May 1963		49	27 April 1966
	23	16 May 1963		50	28 April 1966
	24	17 May 1963		51	28 April 1966
	25	17 May 1963		52	29 April 1966
	26	31 May 1963		53	29 April 1966
	27	31 May 1963		54	2 May 1966
	28	31 May 1963		55	2 May 1966
				56	3 May 1966
				57	3 May 1966
				58	4 May 1966

	<u>Meeting</u>	<u>Date</u>
6th Session:	59	4 May 1966
	60	5 May 1966
	61	5 May 1966
	62	6 May 1966
	63	6 May 1966
	64	9 May 1966
	65	9 May 1966
	66	10 May 1966
	67	10 May 1966
	68	13 May 1966
	69	13 May 1966

B. Working Groups

At the first session one Working Group only was set up. Only dittoed minutes without symbol were produced. No Working Groups were established during the Sixth Session.

<u>Meeting</u>	<u>Dated</u>	<u>Meeting</u>	<u>Date</u>
1	3 April 1961	8	7 April 1961
2	4 April 1961	9	10 April 1961
3	4 April 1961	10	11 April 1961
4	5 April 1961	11	11 April 1961
5	5 April 1961	12	12 April 1961
6	6 April 1961	13	12 April 1961
7	6 April 1961		

B(1) Working Group I (Series symbol E/C.5/W.G.I/SR...)

2nd session/	<u>Meeting</u>	<u>Date</u>		<u>Meeting</u>	<u>Date</u>
<u>2nd sessions:</u>	1	7 March 1962	<u>4th sessions:</u>	17	5 March 1964
	2	12 March 1962		18	6 March 1964
	3	13 March 1962		19	9 March 1964
	4	14 March 1962		20	10 March 1964
	5	15 March 1962		21	11 March 1964
	6	16 March 1962		22	12 March 1964
	7	16 March 1962		23	13 March 1964
	8	17 March 1962			
	9	17 March 1962	<u>5th sessions:</u>	24	17 May 1965
				25	18 May 1965
3rd session	10	20 May 1963		26	19 May 1965
	11	21 May 1963		27	19 May 1965
	12	22 May 1963		28	20 May 1965
	13	24 May 1963		29	21 May 1965
	14	27 May 1963		30	24 May 1965
	15	29 May 1963		31	25 May 1965
	16	29 May 1963		32	26 May 1965
				33	26 May 1965

B(2) Working Group II (Series symbol E/C.5/W.G.II/SR...)

	<u>Meeting</u>	<u>Date</u>		<u>Meeting</u>	<u>Date</u>
<u>2nd session:</u>	1	8 March 1962	<u>4th session:</u>	16	5 March 1964
	2	12 March 1962		17	9 March 1964
	3	13 March 1962		18	10 March 1964
	4	14 March 1962		19	11 March 1964
	5	15 March 1962		20	12 March 1964
	6	15 March 1962		21	13 March 1964
	7	17 March 1962			
			<u>5th session:</u>	22	17 May 1965
<u>3rd session:</u>	8	20 May 1963		23	18 May 1965
	9	21 May 1963		24	19 May 1965
	10	22 May 1963		25	21 May 1965
	11	23 May 1963		26	24 May 1965
	12	23 May 1963		27	25 May 1965
	13	24 May 1963		28	26 May 1965
	14	27 May 1963			
	15	29 May 1963			

7. Reports of the Committee for Industrial Development

E/3476/Rev.1 E/C.5/L.2/Rev.1	<u>First Session</u> (27 March - 21 April 1961) (<u>ESCOR</u> 31st session, supplement no. 2)
E/3600/Rev.1 E/C.5/23/Rev.1	<u>Second Session</u> (5 - 28 March 1962) (<u>ESCOR</u> 33rd session, supplement no. 2)
E/3781 and Corr.1 E/C.5/37 and Corr.1	<u>Third Session</u> (13 - 31 May 1963) (<u>ESCOR</u> 36th session, supplement no. 14)
E/3869 E/C.5/65	<u>Fourth Session</u> (2 - 19 March 1964) (<u>ESCOR</u> 37th session, supplement no. 6)
E/4065 E/C.5/98	<u>Fifth Session</u> (11 - 28 May 1965) (<u>ESCOR</u> 39th session, supplement no. 6)
E/4203 E/C.5/150	<u>Sixth Session</u> (26 April - 13 May 1966) (<u>ESCOR</u> 41st session, supplement no. 6)

II. CENTRE FOR INDUSTRIAL DEVELOPMENT

II(A) PUBLICATIONS OF THE CENTRE FOR INDUSTRIAL DEVELOPMENT

Obtainable from bookstores and distributors throughout the world, or from: United Nations, Sales Section, New York or Geneva.

1. Monographs

- | | | |
|-----------|--|--------|
| ST/ECA/29 | Processes and problems of industrialization in under-developed countries. 1954. 152 p. E, F, S.
Sales No.: 55.II.B.1 Out of print | \$1.50 |
| ST/ECA/36 | Non-ferrous metals in under-developed countries. October 1955. 129 p. E, F, S.
Sales No.: 55.II.B.3 | \$1.50 |
| ST/ECA/58 | Management of industrial enterprises in under-developed countries. 35 p. E, F, S.
Sales No. 58.II.B.5 | \$1.50 |
| ST/ECA/66 | Establishment of industrial estates in under-developed countries. 1961. 58 p. E, F, S.
Sales No.: 60.II.B.4 | \$0.50 |
| ST/ECA/73 | Industrial estates in Asia and the Far East. 1962. 468 p. E, F, S.
Sales No.: 62.II.B.5 | \$4.50 |
| ST/ECA/74 | A study of industrial growth. 1963. 55 p. E, F, S.
Sales No.: 63.II.B.2 | \$0.75 |
| ST/ECA/75 | <u>Studies in economics of industry, no. 1</u>
(see p. 47) | |
| ST/CID/1 | Proceedings of the UN Inter-Regional Symposium on Applications of Modern Technical Practices in the Iron and Steel Industry. Prague-Geneva, 11-26 November 1963. 155 p. E.
Sales No.: 64.II.B.7 | \$2.00 |
| ST/CID/2 | Industrial standardization in developing countries. 143 p. E, F, S.
Sales No.: 65.II.B.2 | \$2.00 |

- ST/CID/3 Basic principles and experience of industrial development planning in the Soviet Union, by N.A. Lubimtsev, Consultant. 1965. 136 p. E. Sales No.: 66.II.B.1 \$2.50
- ST/CID/4 Studies in petrochemicals. Proceedings of the 1st Inter-Regional Conference on the Development of Petrochemical Industries in Developing Countries, Teheran 16-30 Nov. 1965. Sales No.: 67.II.B.2 2 vols. \$25.00
- ST/CID/5 Industrial estates in Africa. 1965. 52 p. E.S. Sales No.: 66.II.B.2 \$0.75
- ST/CID/6 Manual on the management of industrial research institutes in developing countries. 1966. 122 p. E. Sales No.: 66.II.B.3 \$2.00
- ST/CID/7 Economic integration and industrial specialization among the member countries of the Council for Mutual Economic Assistance. 1966. 34 p. E. F. S. Sales No.: 66.II.B.4 \$0.50
- ST/CID/8 Report of Expert Group on Second Hand Equipment for Developing Countries, New York, 7-22 Dec. 1965. 1966. 24 p. E, F, S. Sales No.: 66.II.B.9 \$0.50
- ST/CID/9 Studies in economics of industry, no. 2 (see p.47)
- ST/CID/10 Industrial estates: policies, places and progress. 1966. 59 p. E, F, S. Sales No.: 66.II.B.16 \$1.00
- ST/CID/11 Industrial Research News, Vol. 1, No.2 (see p. 46)
- ST/CID/12-14 Not used

- ST/CIL/15 United Nations Fertilizer Manual.
(Not yet published)
- ST/CIL/16 Technical co-operation for development of small-
scale industries. 1966. 42 p.
Sales no.: 67.II.B.3 \$1.00
- ST/TAO/SER.C/71 Report of the Inter-Regional Seminar on the
Cement Industry, Humlebaek, Denmark, 2-16 May
1964. 134 p. E. Out of print.
- ST/TAO/SER.C/77 Proceedings of the Inter-regional Seminar on
Vols. 1-2 Industrial Research and Development Institutes
in Developing Countries, Beirut, 30 Nov. - 11 Dec.
2 vols. in 4 parts. Vol. 1: 177 p.
Vol. 2: 460 p.
- ST/TAO/SER.C/78 Report of the Inter-Regional Seminar on the
& Corrigendum Production of Fertilizers, Kiev. 24 Aug. - 11 Sept.
1965. 51 p. E, F, S.
Sales No.: 66.II.B.7 \$1.50
- ST/TAO/SER.C/82 Report of the Inter-regional Symposium on
Industrial Project Evaluation. Prague. 11-29 Oct.
1965. E.
Sales No.: 66.II.B.11 \$2.00
- ST/TAO/SER.C/83 Report of the First United Nations Inter-regional
Conference on the Development of Petrochemical
Industries in Developing Countries. Teheran,
16-30 Nov. 1964. 152 p. E.
Sales No.: 66.II.B.14 \$2.50
- ST/TAO/SER.C/85 Promotion of Industrial Standardization in
Developing Countries. Report of a seminar held
in Denmark, 4-25 Oct. 1965.
Sales No.: 66.II.B.12 (Not yet published)
- ST/TAO/SER.C/88 Report of the UN Inter-regional Workshop on Textile
Industries in Developing Countries, Lodz, 6-27
Sept. 1965. 92 p. E.
Sales No.: 66.II.B.29 \$2.00

2. Sales Nos.

- 55.II.B.1 Processes and problems of industrialization in under-developed countries. 1954. 152 p. E, F, S.
(ST/ECA/29 - E/2670) (Out of print) \$1.50
- 55.II.B.3 Non-ferrous metals in under-developed countries. 1955. 129 p. E, F, S.
(ST/ECA/36 - E/2798) \$1.50
- 58.II.B.2 Industrialization and productivity. Bulletin No.1 April 1958. 77 p. E, (Out of print), F, S. \$0.70
- 58.II.B.5 Management of industrial enterprises in under-developed countries. 35 p. E, F, S.
(ST/ECA/58 - E/3143) \$0.50
- 59.II.B.1 Industrialization and productivity. Bulletin No.2 1959. 69 p. E (Out of print), F, S. \$0.70
- 60.II.B.1 Industrialization and productivity. Bulletin No. 3 64 p. E (Out of print), F, S. \$0.70
- 60.II.B.2 Industrialization and productivity. Bulletin No. 4 1960. 69 p. E, F, S. \$0.70
- 60.II.B.4 Establishment of industrial estates in under-developed countries. 1961. 58 p. E, F, S.
(ST/ECA/66) \$0.50
- 62.II.B.1 Industrialization and Productivity. Bulletin No. 5 82 p. E, F, S. \$1.00
- 62.II.B.3 Petroleum exploration. Capital requirements and methods of financing. 1962. 29 p. E, F, S.
(E/C.5/20/Rev.1 - E/3580/Rev.1) \$0.50
- 62.II.B.5 Industrial estates in Asia and the Far East. 1962. 468 p. E, F, S.
(ST/ECA/73) \$4.50

- 63.II.B.1 Industrialization and productivity. Bulletin No. 6
1963. 77 p. E, F, S. \$1.00
- 63.II.B.2 A study of industrial growth, 1963. 55 p.
E, F, S.
(ST/LCA/74) \$0.75
- 63.II.B.3 Studies in economics of industry.
1 - Cement. Nitrogenous fertilizers based on
natural gas. 1963. 39 p. E, F, S.
(ST/ECA/75) \$0.75
- 64.II.B.1 Industrialization and productivity. Bulletin No. 7
1964. 64 p. E, F, S. \$1.00
- 64.II.B.6 Industrialization and productivity. Bulletin No. 8
1964. 70 p. E, F, S. \$0.75
- 64.II.B.7 Proceedings of the UN Inter-regional Symposium on
Applications of Modern Technical Practices in the
Iron and Steel Industry. Prague-Geneva, 11-26
Nov. 1963. 155 p. E.
(ST/CIL/1) \$2.00
- 64.II.B.8 Report of the United Nations Seminar on Industrial
Programming, Sao Paulo, Brazil, 4-15 March 1963.
61 p. E, F, S.
(E/C.5/27 - E/CN.12/663) \$0.75
- 65.II.B.1 The role of patents in the transfer of technology
to developing countries. 1964. 95 p. E, F, S.
(E/3861/Rev.1) \$1.50
- 65.II.B.2 Industrial standardization in developing countries.
136 p. E, F, S.
(ST/CIL/2) \$2.00
- 65.II.B.6 Industrialization and productivity. Bulletin No. 9
1965. 84 p. E, F, S. \$0.75
- 66.II.B.1 Basic principles and experience of industrial
development planning in the Soviet Union, by N.A.
Lubimtsev, Consultant. 1965. 136 p. E.
(ST/CIL/3) \$2.50

- 66.II.B.2 Industrial estates in Africa. 1965. 52 p. E, S.
(ST/CID/5) 10.75
- 66.II.B.3 Manual on the management of industrial research
institutes in developing countries. 1966.
122 p. E.
(ST/CII/6) 12.00
- 66.II.B.4 Economic integration and industrial specialization
among the member countries of the Council for
Mutual Economic Assistance. 1966. 34 p. E, F, S.
(ST/CID/7) 10.50
- 66.II.B.5 Cancelled. See 67.II.B.2-3
- 66.II.B.6 Industrial Research News. Vol. 1, no. 1 76 p.
E, F. 11.50
- 66.II.B.7 Report of the Inter-regional Seminar on the
Production of Fertilizers, Kiev, 24 - 11 Sept. 1965.
51 p. E, F, S.
(ST/TAO/SEP.C/78 & Corrigendum) 11.50
- 66.II.B.8 Industrialization and productivity. Bulletin no.10
E. 12.00
- 66.II.B.9 Report of Expert Group on Second Hand Equipment
for Developing Countries. New York, 7-22 Dec. 1965.
1966. 24 p. E, F, S.
(ST/CID/8) 10.50
- 66.II.B.10 Studies in economics on industry, no. 2: 1re-
investment data for the aluminium industry. 54 p. E.
(ST/CID/9) 11.50
- 66.II.B.11 Report of the Inter-regional Symposium on
Industrial Project Evaluation, Prague, 11-29 Oct.
1965. 92 p. E.
(ST/TAO/SER.C/82) 12.00
- 66.II.B.12 Promotion of industrial standardization in
developing countries. Report of a seminar held in
Denmark, 4-25 Oct. 1965.
(ST/TAO/SER.C/85)

- 66.II.B.14 Report of the First United Nations Inter-regional Conference on the Development of Petrochemical Industries in Developing Countries, Teheran, 16-30 Nov. 1964. 152 p. E. S. (ST/TAO/SER.C/83) \$2.50
- 66.II.B.15 Industrial Research News, Vol. 1, no. 2 72 p. E, F (ST/CID/11) \$1.50
- 66.II.B.16 Industrial estates: policies, places and progress. 1966. 59 p. E, S. (ST/CID/10) \$1.00
- 66.II.B.29 Report of the United Nations Inter-regional Workshop on Textile Industries in Developing Countries, Lodz, 6-27 Sept. 1965. 92 p. E. (ST/TAO/SER.C/88) \$2.00
- 67.II.B.2 Studies in petrochemicals. Presented at the United Nations Interregional Conference on the Development of Petrochemical Industries in Developing Countries, Teheran 16-30 Nov. 1964. 2 vols. E. (ST/CID/4) \$25.00 per set
- 67.II.B.3 Technical co-operation for the development of small-scale industries. 1966. 42 p. (ST/CID/16) \$1.00

3. Serials

a) Industrialization and productivity bulletin

Irregular, but roughly one issue per year. Published in English, French and Spanish editions.

Contents

- | | |
|---------------------|---|
| Bulletin No. 1 | 1. Capital intensity in industry in underdeveloped countries |
| Sales No. | |
| 1958.II.B.2 | |
| (Eng. out of print) | 2. Choice of technology in industrial planning, by J. Tinbergen |

3. Capital intensity in heavy engineering construction
4. Use of accounting as an aid to management in industrial enterprises in under-developed countries, by C. Ronson
5. Hire-purchase loans for the mechanization of small industry, by J.E. Stepanek
6. Report on the round-table discussion on industrial management in under-developed areas
7. Current activities under the aegis of the United Nations in the field of industrialization and productivity
8. Selected list of titles on industrialization

Bulletin No. 2
Sales No.
59.II.B.1
(Eng. out of
print)

1. Problems of size of plant in industry in under-developed countries
2. Interrelations between large and small industrial enterprises in Japan, by Toyoroku Ando
3. Organization and operation of cottage and small industries
4. Labour aspects of management, by C.R. Wynne-Roberts
5. Business leadership in under-developed countries by Chandulal N. Vakil
6. Establishment of technical research institutes in under-developed countries
7. Report on the Conference on Industrialization in Relation to Economic Development (ECAFE)
8. Report of a Group of Experts on the United Nations Secretariat's Work Programme on Industrialization

Bulletin No. 3
Sales No.
60.II.B.1

1. Capital intensity and costs in earth-moving operations
2. Working Party on Earth-Moving Operations
3. Choice of industrial technology: the case of wood working, by G.K. Boon
4. Financing of small-scale industries in under-developed countries
5. Use of welding in machine-building, by Eugeny P. Unksov
6. Use of statistical quality control in the industry of under-developed countries, by William R. Pabat, Jr.

Bulletin No. 4
Sales No.
62.II.B.2

1. Use of models in programming
2. Programming techniques for economic development
3. Use of industrial equipment in under-developed countries
4. Choice of techniques, by Saburo Okita
5. In-plant training of graduate engineers, by Yap Kie Han
6. Health problems of industrialization, by R.S.F. Schilling
7. Report on the United Nations activities in industrialization

Bulletin No. 5
Sales No.
62.II.B.1

1. Evaluation of projects in predominantly private enterprise economies
2. Report on the Expert Working Group on Industrial Development Programming Data

3. Methodological problems in long-term economic development programming, by Branko Horvat
4. Report on the Seminar on industrial estates in the ECAFE region
5. The United Nations work programme in industrialization
6. Preliminary bibliography for industrial development programming

Bulletin No. 6
Sales No.
63.II.B.1

1. Adaptation of processes, equipment and products
2. Industrial development in the United Nations Development Decade
3. Training for industrial production of prototype machinery, by A.D. Bohra
4. United Nations fellowships for industrial development
5. Questionnaire on industrial planning and development
6. Preliminary bibliography for industrial development programming, part II

Bulletin No. 7
Sales No.
64.II.B.1

1. Projection of demand for industrial equipment
2. Choice of capital intensity in industrial planning
3. Seminar on industrial development programming in the Latin American region
4. Standardization in a developing economy, by Lal C. Verman
5. The Inter-American Development Bank and industrial development in Latin America, by John W. Delaplaine
6. Bibliography on the health aspects of industrialization

- Bulletin No. 8
Sales No.
64.II.B.6
1. Evaluation of projects in centrally planned economies
 2. The dual nature of industrial development in Japan
 3. Plant size and economies of scale
 4. Aspects of the design of machinery production during economic development, by Seymour Melman

- Bulletin No. 9
Sales No.
65.II.B.6
1. Organizational aspects of planning
 2. Investment in infra-structure versus direct production facilities, by József Pajestka
 3. Analysis and projections of consumption demand: methodological notes
 4. Seminar on industrial estates in Africa

- Bulletin No. 10
Sales No.
66.II.B.8
1. Inter-Regional Symposium on Industrial Project Evaluation
 2. Inter-Regional Conference on the Development of Petrochemical Industries in the Developing Countries.
 3. Programming Data for Petroleum Refining Industry, by Alan S. Manne
 4. Programming Data Summary for the Chemical Industry, by Thomas Vietorisz
 5. Repair and Maintenance of Machine Tools in Developing Countries.

b) INDUSTRIAL RESEARCH NEWS

Vol 1, no. 1: Sales No.: 66.II.B.6 January 1966. 76 p. E, F.
\$1.50

Vol.1, no. 2: Sales No.: 66.II.B.15 (ST/CID/11) June 1966. 72 p. E.
\$1.50

c) Studies in Economics of Industry

- No. 1 - Cement/Nitrogenous fertilizers based on natural gas. 1963.
39 p.
Sales No.: 63.II.B.3 (ST/ECA/75) E, S. \$0.75
- No. 2 - Pre-investment data for the aluminium industry. 54 p.
Sales No.: 66.II.B.10 (ST/CID/9) E. \$1.50

II(b) INTERNAL DOCUMENTS

All these documents have restricted distribution and are not available to outside inquirers.

- CID/1 Industrial location, regional development and related subjects: a partially annotated bibliography. April 1966. 151 p.
Working draft to be presented as background paper to the United Nations Inter-Regional Seminar on Industrial Location and Regional Development to be held in 1967.
- CID/2 Suggestions for a United Nations plan of action for promoting industrial standardization, by Lal C. Verman. 28 June 1966. 15 p.
- CID/3 Reducing sulphur needs in fertilizer manufacture, by Christopher J. Pratt, Consultant. 21 June 1966. 103 p.
"References", p.i-iii.
- CID/4 Creating, evaluating and establishing successful chemical fertilizer projects, by Christopher J. Pratt, Consultant. 14 October 1966. 40 p. and 34 p. (appendixes)
- CID/5 Industrial location and national economic growth. Paper presented to Inter-regional Seminar on Development Policies and Planning in Relation to Urbanization, organized by UN ETCO and Bureau of Social Affairs in co-operation with Govt. of USA, University of Pittsburgh, Pittsburgh, Penn, 24 Oct. - 7 Nov. 1966.
(Background paper no. 4) 17 p.
- CID/6(Rev.1) The adaptation of technology to scale of production in chemical process industries for developing countries, by B. Thiagarajan, CID. 9 December 1966. 168 p.



5.

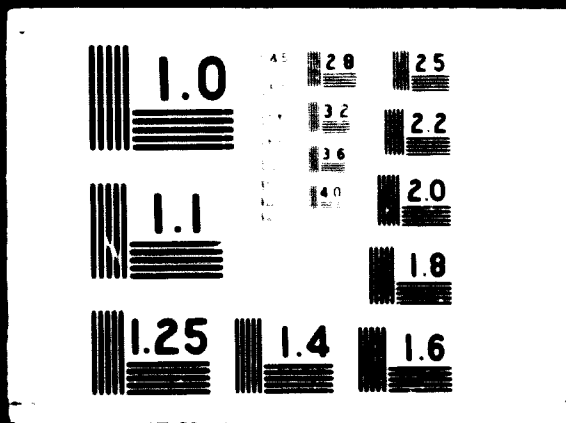
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- CID/6C/1 Paper submitted to ILO. SEE p. 85
- CID/VI/
Background paper
1-20 Background papers of the Committee for
Industrial Development, 6th Session.
SEE pp. 31 - 32
- CID/CONF.1/67 Papers of the Inter-regional Seminar on the
Organization of Industrial Services in
Developing Countries, scheduled for 1967.
SEE p.p. 95 - 96
- CID/CONF.7(65) Papers of the Expert Group on Second-hand
Equipment for Developing Countries, New York,
7-22 Dec. 1965. SEE pp. 80 - 81
- CID/EGSM/FP.1 SEE CID/CONF.7(65)10
- CID/FOUNDRY Papers contributed by the CID to the International
Foundry Congress, 33rd, New Delhi, 4-9 Dec. 1966.
SEE p. 93
In English with French and German summaries.
- CID/IE Papers of Consultative Group on Industrial
Estates and Industrial Areas. SEE p.p. 83 - 85
- CID/IPE Papers of the Inter-Regional Symposium on
Industrial Project Evaluation, Prague, 11-29
Oct. 1965. SEE pp. 68 - 76
- CID/IPE/TW Papers of UN Training Workshops on Industrial
Project Formulation and Evaluation. SEE pp. 82 - 83

- CID/REF/A.1 Symposia, Conferences, Meetings, Seminars and Working Groups in which the Centre for Industrial Development has participated. A listing of papers. 8 July 1966. 79 p.
- A.2 Subject index to papers of the regional symposia. 6 July 1966. 42 p.
- A.3 Publications of the Centre for Industrial Development. 11 Nov. 1966. 4 p.
- CID/REF/B.1 Aluminium: publications and documents of the Limited
- B.2 Textiles: selected publications and documents Limited of the United Nations. Part 1, Documents and publications for general distribution. 20 Oct. 1966. 13 p.
- B.2/Part 2 Textiles: selected publications and documents Restricted of the United Nations. Part 2, Restricted documents. 20 Oct. 1966. 3 p.
- B.3 Fertilizers: selected publications and documents Limited of the United Nations. Part 1, Documents and publications for general or limited distribution. 14 Nov. 1966. 21 p.
- B.3/Part 2 Fertilizers: selected publications and Restricted documents of the United Nations. Part 2, Restricted documents. 16 Nov. 1966. 3 p.
- CID/R.M. Papers of the Meeting of Experts on the Repair and Maintenance of Industrial Equipment in Developing Countries, New York, 8 Nov. - 9 Dec. 1966. SEE p.p. 90 - 91

- CID/SYMP.A Papers submitted to Asian Conference on Industrialization. Manila, 6-20 Dec. 1965.
SEE p. 79
- CID/SYMP.B Papers submitted to Symposium on Industrial Development in Africa, Cairo, 27 Jan - 10 Feb 1966.
SEE p.p. 79 - 80
- CID/SYMP.C Latin American Symposium on Industrial Development, Santiago, 14-25 March 1966.
SEE p. 79
- CID/SYMP.D Papers of the Inter-regional Symposium on the Development of Metalworking Industries in Developing Countries, Moscow, 7 Sep - 6 Oct 1966.
SEE p.p. 85 - 89
- Doc.1/Rev.1 Centre for Industrial Development and Committee for Industrial Development. Documents and publications. September 1965. 55 p.
- ESA/CID/TD/IS/1 SEE CID/CONF.7(65)6 (SEE p. 81)
- ESA/CID/TD/IS/2 SEE CID/CONF.7(65)8 (SEE p. 81)
- FERT/Ad-hoc Group Documents of the Ad-hoc Expert Group Meeting on Fertilizer Production, New York 9-20 Dec. 1966.
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- IDP/ENG Papers of the Expert Working Group on Industrial Programming Data, New York, 17-19 May 1961.
SEE p. 53
- Working Paper /1 Managerial practices for industrial research institutes in developing countries, prepared by L.W. Bass, Consultant. 14 May 1965. 178 p.

No Symbol - Restricted

Investment and current input data in industrial programming. A case study of some industries in the ECAME Region. January 1961. 27 p. and tables.

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Supplement [to the above]. April 1965. 12 p.

Selected references in industrial economics, technology, industrial statistics and trade compilations. Jan. 1965.

Comparison of steel making processes: a study by the Economic Commission for Europe. Presented by J.R. Miller, CID. June 1963. 9 p.

II(C) DOCUMENTS SUBMITTED BY THE DIVISION OF INDUSTRIAL DEVELOPMENT AND THE CENTRE FOR INDUSTRIAL DEVELOPMENT TO SEMINARS, CONFERENCES, SYMPOSIA, MEETINGS, ETC. IN WHICH THEY PARTICIPATED (LIMITED DISTRIBUTION)

1. SECOND WORKING GROUP OF EXPERTS ON PROGRAMMING TECHNIQUES IN ECAFE REGION. 18 Jan. - 15 Feb. 1961

Report: Formulating industrial development programmes, with special reference to Asia and the Far East.

Sales No.: 61.II.F.7 (E/CN.11/567) 137 p. \$1.50

Papers submitted by the Division of Industrial Development

Unnumbered Investment and current input data in industrial programming: a case study of some industries in the ECAFE Region.

Unnumbered* A study of equipment/output ratios.

2. EXPERT WORKING GROUP ON INDUSTRIAL PROGRAMMING DATA. NEW YORK, 17 - 19 May 1961

Report Summarized in Industrialization and productivity bulletin No. 5.

Sales No. 62.II.B.1 82 p. \$1.00

Papers submitted by the Centre for Industrial Development

IDP/ENG 2. General terms of reference of the joint industrial development programming project, by the staff of the Division of Industrial Development and UNCTAD. 10 May 1961. 8 p.

IDP/ENG 3. Programming data for the food canning industries, Preliminary draft by CID. 12 May 1961. 25 p. and tables.

IDP/ENG 4. Pre-investment data for the cement industry. Reprinted in Studies in Economics of industry, no. 1. Sales No.: 63.II.B.3

IDP/ENG 5 (Rev.) Programming data summary for the chemical industry by T. Vietorisz, October 1964. 72 p. and figures. Reprinted in Industrial and productivity bulletin no. 10. Sales No.: 66.II.B.8

* No copy in Reference and Documentation Unit.

3. SEMINAR ON INDUSTRIAL ESTATES IN THE ECAFE REGION, MADRAS, INDIA,
1 - 11 November 1961

Report: Sales no.: 62.II.B.5

Papers submitted by the Division of Industrial Development

Establishment of industrial estates in under-developed countries
Reprinted in Sales no. 62.II.B.4

Physical planning considerations relating to industrial estates,
prepared by the Bureau of Social Affairs
Reprinted in Sales no. 62.II.B.4

The port and industrial zone of Marghera, by G. Giavi
Reprinted in Sales no. 62.II.B.5

Industrial estates in India - Co-operation between and assistance
to small-scale units, by A.S.E. Iyer
Reprinted in Sales no. 62.II.B.5

Problems in establishment of large scale industrial estates,
by G.G. Lanham
Reprinted in Sales no. 62.II.B.5

Some controversial questions concerning industrial estates, by
A. Molinari
Reprinted in Sales no. 62.II.B.5

The role of industrial estates in the industrial development
of Ceylon, by E.C.S. Paul
Reprinted in Sales no. 62.II.B.5

Physical planning of industrial estates, by T.S. Vedagiri
Reprinted in Sales no. 62.II.B.5

Problems of developing industrial estates in a rural setting,
by Y.L. Wong

4. WORKSHOP ON URBANIZATION IN AFRICA, ADDIS ABABA. (ECA/UN/ILO/
UNESCO/WHO). 25 April - 5 May 1962

Report: ST/TAO/SER.C./57 - E/CN.14/170

Paper submitted by the Division of Industrial Development

SEM/URB/AF/5 Economic factors in urban growth in Africa:
& Add.1-2 the role of industrialization

5. SECOND SYMPOSIUM ON THE DEVELOPMENT OF PETROLEUM RESOURCES OF ASIA AND THE FAR EAST. TEHRAN, IRAN, 1 - 15 September 1962.

Report: Sales no. 63.II.F.3 and 63.II.F.9

Paper submitted by the Division of Industrial Development

E/CN.11/I&NR/P.R.2/L.6 Utilization of natural gas in petro-
chemical and other industries
Reprinted in Sales no. 63.II.F.9

6. SEMINAR ON THE DEVELOPMENT OF BASIC CHEMICAL AND ALLIED INDUSTRIES IN ASIA AND THE FAR EAST. BANGKOK, THAILAND, 3 - 13 October 1962

Proceedings: E/CN.11/635 (Sales no. 64.II.F.9)

Papers submitted by the Centre for Industrial Development
(and contained in Sales no. 64.II.F.9)

E/CN.11/I&NR/CHI/L.5 Common salt: its production and uses

E/CN.11/I&NR/CHI/L.8 Soda ash and the caustic soda chlorine complex

E/CN.11/I&NR/CHI/L.10 Economic aspects of sulphuric acid manufacture
from various raw materials

7. ECONOMIC COMMISSION FOR AFRICA. STANDING COMMITTEE ON INDUSTRY AND NATURAL RESOURCES. FIRST SESSION, ADDIS ABABA, 12-21 Dec. 1962.

Paper submitted by the Centre for Industrial Development

E/CN.14/INR/14 The dissemination of technical information as a
means of economic and social development. 7 p.

8. SEMINAR ON INDUSTRIAL PROGRAMMING FOR THE LATIN AMERICAN REGION.
SAO PAULO, BRAZIL, 4 - 15 March 1963

Report: Sales no. 64.II.B.8 (E/C.5/27; E/CN.12/663)

Papers submitted by the Centre for Industrial Development

- ST/ECLA/CONF.11/L.4 Choice of capital intensity in operational planning for underdeveloped countries
Revised version printed in Ind. and Prod. bulletin no. 7
- L.6 Plant size and economies of scale
Reprinted in Ind. and Prod. bulletin no. 8
- L.9 India's experience in industrial planning
- L.10 Japan's experience in industrial planning
- L.18 Nitrogenous fertilizers based on natural gas
Reprinted in Studies of economics of industry no. 1 (Sales no. 63.II.B.3)
- L.22 Pre-investment data and criteria for food processing industries, by N.H. Ishler
- L.23 Programming data and criteria for the cement industry
Reprinted as Sales no. 63.II.B.3, part II
- L.24 Pre-investment data on the aluminium industry
Reprinted as Sales No.: 66.II.B.10 (ST/CID/9) E.
\$1.50
- L.25 Material, labour, capital and flow inputs of construction in the Soviet Union
- L.26 Classification of industrial structures in the Soviet Union
- L.27 Evaluation of projects in predominantly private enterprise economies: selected procedures based on case studies
Reprinted in Ind. Prod. bulletin no. 5

- ST/ECLA/CONF.11/L.28 The Inter-American Development Bank and industrial development in Latin America, by IADB
- L.29 Project appraisal, by IBRD
- L.30 Evaluation of projects in centrally planned economies
Reprinted in Ind. and Prod. Bulletin no. 8
- L.33 Industrial promotion policy and industry programming
- L.34 French experience in industrial planning

Background papers submitted by the Centre for Industrial Development

Background document no.

- 1 Capital intensity in industry in under-developed countries
Reprinted in Ind. and Prod. bulletin no. 1
- 2 Choice of technology in industrial planning
Reprinted in Ind. and Prod. bulletin no. 3
- 3 Problems of size of plant in industry in under-developed countries
Reprinted in Ind. and Prod. bulletin no. 2
- 4 Choice of industrial technology. The case of wood working, by G.K. Boon
Reprinted in Ind. and Prod. bulletin no. 3
- 5 Use of models in programming
Reprinted in Ind. and Prod. bulletin no. 4
- 6 Choice of techniques, by S. Okita
Reprinted in Ind. and Prod. bulletin no. 4
- 7 Projection of demand for industrial equipment
Joint CID/ECIA/BTAO. Reprinted in Ind. and Prod. bulletin no. 7

Background document no.

- 8 Report of the meeting of the Expert Working Group on Industrial Development Planning Data
CID/ECLA/BTAO. Reprinted in Ind. and Prod. bulletin no. 5
- 9 A study of industrial growth
Reprinted as Sales no. 63.II.B.2
- 10 Methods of analysis and projection of demand for industrial consumer goods
Reprinted in Ind. and Prod. bulletin no 9
- 11 Organizational aspects of planning
Reprinted in Ind. and Prod. bulletin no. 9
- 12 Economic role of the dualistic nature in the industrial development of Japan, by T. Watanabe
Reprinted in Ind. and Prod. bulletin no. 8
- 13 Proposals for an industrialization programme in Singapore, excerpts from the report prepared by a BTAO team of experts
- 14 Manpower requirements in industrial planning, the Japanese experience, by S. Okita
- 14 (number erroneously used twice) Aspects of the design of machinery production during economic development, by S. Melman
Reprinted in Ind. and Prod. bulletin no. 8
- 15 Engineering estimates of capital labour substitution in metal machining operations, by A. S. Manne and M. Kurz
- 16 Factor proportion in the industrial sector, by G.K. Boon
- 17 Investment in infra-structure versus direct production facilities, by J. Pajestka
Reprinted in Ind. and Prod. bulletin no. 9

9. ADVISORY COMMITTEE OF EXPERTS ON INDUSTRIAL DEVELOPMENT ACTIVITIES
OF THE UNITED NATIONS SYSTEM
ECOSOC Resolution No. 873(XIXIII)
New York, 18 to 28 March 1963

Report: E/C.5/29 and Corr.1

Papers submitted by the Centre for Industrial Development

AC 1/2 Activities of the United Nations in the field
of industrial development

10. INTER-REGIONAL SYMPOSIUM ON THE APPLICATION OF MODERN TECHNICAL
PRACTICES TO THE IRON AND STEEL INDUSTRY IN DEVELOPING COUNTRIES
Prague-Geneva, 11 to 26 November 1963

Report: Sales No. 64.II.B.7 (ST/CID/1)

Documents submitted by the Centre for Industrial Development

COM.1 Statement by the Commissioner for Industrial
Development

SECT.2 The modern iron and steel industry

Discussion Summaries:

DS-1 Raw materials and their preparation

DS-2 Problems arising from the establishment and
development of iron and steel industries in
developing countries

DS-3 Exploration and exploitation of iron ore
reserves

DS-4 Blast furnace: operation and development

DS-5 Beneficiation and concentration

DS-6 Direct reduction processes

DS-7 Sinter practice

IS-8	Developments in and comparison of steel making processes
IS-9	Non-integrated and semi-integrated plant operations
DS-10	Quality factors and standardization
DS-11	Improvement or substitution for non-coking coals
IS-12	Continuous casting
DS-13	Electricity in the steel industry
DS-14	Project planning and construction
DS-15	Closing of the Frague discussion session
Summary I	Final Summary Report

11. CONFERENCE ON THE DEVELOPMENT OF THE FERTILIZER INDUSTRY IN ASIA AND THE FAR EAST
Bombay, 18 November to 2 December 1963

Summary report E/C.5/48 and Corr. 1

Report E/CN.11/I&NR/51

Papers submitted by the Centre for Industrial Development

- E/CN.11/I&NR/FI/L.7 Technical and economical aspects of mixed fertilizers in Asia and the Far East.
Prepared for the C.I.D., by Raymod Ewell
- L.8 Potassium compounds by solar evaporation.
Prepared for the C.I.D., by E.W. Douglass
- L.9 Potash sources for Asia and the Far East.
Prepared for the C.I.D., by E.W. Douglass

- FI/96 Methods of producing potassium sulfate for fertilizer use in the U.S.A. Prepared for the C.I.D., by E. F. Douglass
- FI/99 Some technical aspects in the production of phosphorous fertilizers. Prepared for the C.I.D., by N.S. Ulianov
- 63.II.B.3 Fertilizers based on natural gas (Studies in Economics of Industry No. 1)

12. ADVISORY COMMITTEE ON THE APPLICATION OF SCIENCE AND TECHNOLOGY TO DEVELOPMENT.

First session, 25 Feb. - 6 March 1964

Fifth session, 22 March - 4 April 1966

Papers submitted by the Centre for Industrial Development

STD/3/PERIODIC-I/UN-1 Iron and steel: report of the Centre for Industrial Development
28 January 1965. 17 p.

/UN-2 Production of petrochemicals: report of Centre for Industrial Development
February, 1965. 81 p.

STD/3/WWA/IND/2 Development on a world-wide attack on problems of research and application in the field of industrial development

STD/5/RPCA/IND/1 Technologies appropriate for industry in the developing countries, by J.E. Stepanek, Consultant

STD/5/RICA/EXIST/
CID.1 Technology for exploitation of agricultural by-products. 1 p.

- STE/5/RICA/EXIST/CID.2 Re-examination of technological feasibility of exploiting locally available minerals. 1 p.
- CID.3 Engineering industries replacing metal by concrete in machine tools. 1 p.
- CID.4 Industrial programming data. 1 p.
- CID.5 Education materials industry. 1 p.
- CID.6 In-plant training of engineers and technicians within industry in developing countries. 1 p.
- CID.7 Training in economic and industrial administration for officials of developing countries concerned with industrial development. 2 p.

13. UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT
GENEVA, 23 March to 16 June 1964

Report Sales No. 64.II.B.11-18
8 vols.

Papers submitted by the Centre for Industrial Development

- E/CONF.46/11 General study of exports of manufactured and semi-manufactured goods from developing countries and their role in development
- 14 & Corr.1 An analysis of the proceedings of the United Nations Conference on the Application of Science and Technology (UNCSAT) related to problems of exports of manufactured goods from developing countries
- 33 Promotion of exports of small industry products from developing countries
- 43 Possibilities and measures of expanding exports from the manufacturing sector in Mexico (Prepared by C.I.D.)

- E/CCNF.46/54 Exports of manufactures and industrial development of Hong Kong
- 64 Methods and experiences in promoting exports of manufactured goods in Yugoslavia
- 76 India: policies and measures for promotion of manufactures and semi-manufactures
- 77 Poland's export promotion policy for manufactures and semi-manufactures
- 78 Argentina: exports of manufactures and semi-manufactures
- /P/8 Possibilities of establishing food processing industries in developing countries for export (by Prof. S.D. Neumark)
- /P/9 Export possibilities for Indian manufactures in the European markets (by Prof. B.N. Adarkar)
- /P/10 & Corr.1 Aluminium as an export industry (by Prof. H. Bachman)
- /P/11 Brazil: outlook for promotion of exports of manufactures (by E. Crosco)
- /P/12 Exports of manufactures and industrial development of Japan (by H. Kanamori)

14. INTER-REGIONAL SEMINAR ON THE CEMENT INDUSTRY, DENMARK, 2 - 16 MAY 1964

Report: ST/TAO/SER.C/71

Note of transmittal: E/C.5/80

15. INTER-REGIONAL SEMINAR ON THE SOCIAL ASPECTS OF INDUSTRIALIZATION, MINSK, 11 - 25 AUGUST 1964

Summary Report: E/C.5/92

Report: ST/TAO/SER.C/74 (Sales no. 65.IV.7)

Paper submitted by the Centre for Industrial Development

Working Paper No.7 The question of human resources in industrial growth, by C.I.D. 32 p. and 18 p. (annexes)

16. INTER-REGIONAL SEMINAR ON FOOD CANNING AND PRESERVING INDUSTRIES IN DEVELOPING COUNTRIES, COPENHAGEN, 21 SEPTEMBER - 10 OCTOBER 1964

Report: E/C.5/79

Papers submitted by the Centre for Industrial Development

No symbol The role of food preservation in developing countries, by N.H. Ishler
Not available

No symbol Pre-investment data for food processing industries, by N.H. Ishler

17. INTER-REGIONAL SEMINAR ON THE ROLE OF INDUSTRIAL COMPLEXES IN ECONOMIC DEVELOPMENT, TASHKENT, 22 SEPTEMBER - 5 OCTOBER 1964

Report: E/C.5/67

18. INTER-REGIONAL CONFERENCE ON THE DEVELOPMENT OF PETROCHEMICAL INDUSTRIES IN DEVELOPING COUNTRIES, TEHERAN, 16 - 30 NOVEMBER 1964

Report: Sales no. 66.II.B.14 (ST/TAO/SER.C/83)

Proceedings: Studies in petrochemicals, 2 volumes
Sales no. 67.II.B.2 (ST/CID/4)

Papers submitted by the Centre for Industrial Development

PET/CHEM/CONF/60 Recent trends in research and development in the petrochemical industry, by N. Beredjick

64 Developing the petrochemical potentials of North Africa and the Persian Gulf

- PET/CIILM/CONF.85 The petrochemical industry - section I
- 86 The petrochemical industry - section II
- 90 Recent trends in production, consumption,
trade and end-uses in selected petrochemical
products, by R. Abu El-Haj
- 95 Planning of the chemical industries at the
national level.
 Also submitted to Caracas Conf., Dec. 1964 (p.66)
- 105 Financing of petrochemical ventures in
developing countries
- 107 The role of the domestic market in the
development of petrochemical industries and
the need for exports in relation to economies
of scale
- 115 General characteristics of petrochemical
industries and factors conditioning their
development

19. INTER-REGIONAL SEMINAR ON INDUSTRIAL RESEARCH AND DEVELOPMENT
INSTITUTES IN DEVELOPING COUNTRIES, BEIRUT, 30 NOVEMBER -
11 DECEMBER 1964

Summary Report: E/C.5/66

Report: ST/TAO/SER.C/77/vol.1-2

Papers submitted by the Centre for Industrial Development

- Working Paper 1 The role of research and development functions
in supporting industrialization in developing
countries
- Working Paper 2 Organization of industrial research
- Reference Paper 1 A select bibliography on industrial research
from 1944 to 1964

20. SEMINAR ON THE DEVELOPMENT OF THE CHEMICAL INDUSTRIES IN LATIN AMERICA, CARACAS, 7 - 12 DECEMBER 1964

Provisional Report: E/CN.12/719.

Papers submitted by the Centre for Industrial Development

Information document Planning of the chemical industries at the national level, by Thomas Vietorisz
Also submitted to Teheran Conference, November 1964 (p.65)

21. SEMINAR ON INDUSTRIAL ESTATES IN AFRICA, ADDIS-ABABA, 14 - 21 DECEMBER 1964

Report: E/C.5/70
Sales no. 66.II.B.2

Documents submitted by the Centre for Industrial Development

E/CN.14/IE/1	Agenda
/Rev.2	Provisional annotated agenda
E/CN.14/IE/2	The role of industrial estates in policies and programmes for the development of small-scale industries
/5	United Nations activities in the field of industrial estates
/6	Types of industrial estates
/7	Planning, design and construction of industrial estates with particular reference to Africa, by Edward D. Mills
/11	The definition of small-scale industry
60.II.B.4	Establishment of industrial estates in under-developed countries
62.II.B.5	Industrial estates in Asia and the Far East

22. INTER-REGIONAL SEMINAR ON THE PRODUCTION OF FERTILIZERS, KIEV,
24 AUGUST - 13 SEPTEMBER 1965

Report. ST/TAO/SER.C/78 & Corr.1
Sales no. 66.II.B.7

Documents submitted by the Centre for Industrial Development

- FERT/CONF.1/General Statement by the Director of the Seminar,
N.K. Grigoriev
- " " " Message by the Commissioner for Industrial
Development, I.H. Abdel-Rahman
- FERT/CONF.1/26 Recent developments in processes, equipment
and machinery affecting scales of production
of fertilizers
- FERT/CONF.1/51-62, Fertilizer manual, by chapter
83, 86, 91-2, 99,
100, 109-10
- FERT/CONF.1/63 Draft fertilizer manual
- /64 Industrial technology: The Centre's
activities in the field of chemical industries
(E/C.5/83)
- /65 Statement of the Commissioner for Industrial
Development, I.H. Abdel-Rahman, at the
opening of the 5th session of the Committee for
Industrial Development (E/C.5/L.42)
- /66 U.N. Centre for Industrial Development -
a short review of its activities

23. INTER-REGIONAL WORKING PARTY ON TRAINING OF ECONOMIC ADMINISTRATORS,
PARIS, 2 - 10 SEPTEMBER 1965

Report: E/C.5/124

Papers submitted by the Centre for Industrial Development

- Discussion paper 10 U.N. training programme in industrial
development and planning for the African
government officials
Also issued as CID/SYMP.B/4

Discussion paper 11 Training of economic and industrial administrators in industrial development

24. INTER-REGIONAL WORKSHOP ON TEXTILE INDUSTRIES, LODZ, 6 - 27 SEPTEMBER 1965

Report: E/C.5/101

Paper submitted by the Centre for Industrial Development

Working paper Textile industries in developing countries, by V. Saxl

25. MEETING OF EXPERTS ON MANAGEMENT OF INDUSTRIAL RESEARCH INSTITUTES IN DEVELOPING COUNTRIES, NEW YORK, 7 SEPTEMBER - 7 OCTOBER 1965

Report

Summary of deliberations (In: Industrial research news, vol. 1, No. 1, Sales no. 66.II.B.6)

Summary report: E/C.5/117.

Meeting resulted in publication of: Manual on the management of industrial research institutes in developing countries. Sales no. 66.II.B.3 (ST/CID/6) 122 p.

Paper submitted by the Centre for Industrial Development

No. 1 Managerial practices for industrial research institutes in developing countries, by L.W. Bass, Consultant

26. INTER-REGIONAL SYMPOSIUM ON INDUSTRIAL PROJECT EVALUATION, PRAGUE, 11 - 29 OCTOBER 1965

Report

Report of the Interregional Symposium ... 1966. 92 p. Sales no. 66.II.B.11 (ST/TAO/SER.C.82).

Papers submitted by the Centre for Industrial Development

Some papers were also presented to the United Nations Training Workshops on Industrial Project Formulation and Evaluation, 1966 onwards. SEE p.p. 82 - 83

A selection will be published during 1967 entitled "Studies on evaluation of industrial projects: selected papers."

- CID/IPE/A.1
- 1 Project evaluation data and other information required for the purpose, by K.C. Mittra.
 - 2 Implementation of industrial development programs using critical path network theory, by E.P.C. Fernando.
 - 3 Project evaluation and the consistency of the plan, by G. Cukor.
 - 4 Organizing professional cadres for industrial project evaluation, selection and follow-up, by J.D. Nyhart.
 - 5 Beyond project evaluation, by U.S. Agency for International Development.
 - 6 Information required by ICICI Ltd. for project appraisal for their clients, by Industrial Credit and Investment Corporation of India, Ltd.
 - 7 Strategie du développement industriel: programme d'études générales pour les pays associés à la Communauté Economique Européenne, by A. Anylrechts.
 - 8 A new approach to training managers for industrial development, by H.A. Riker, Jr.
 - 9 Essential elements in the preparation of industrial projects, by S.J. Langley.
 - 10 Standard designing in industrial construction in the CMEA member countries and its evaluation, by Council for Mutual Economic Assistance.

- CID/IFE/A.11 Project evaluation and industrial development programming, by N.F. Figueiredo
- 12 Requirement for data and other information for evaluation of industrial projects, by Z. Bluzej and V. Lorenz.
- CID/IPE/B.1 Evaluation of projects in predominantly private enterprise economies, by the Centre for Industrial Development, UN.
- 2 Evaluation of projects in centrally planned economies, by the Centre for Industrial Development, UN.
- 3 Uncertainty in industrial project evaluation with special reference to export industries, by M.V. Pejovic
- 4 Skill requirements in manufacturing industries, by M. Zymelman.
- 5 Requirements of skilled personnel for industrial projects and their appraisal, by Sanford Cohen.
- 6 A system for industrial project evaluation, by M.J. Solomon.
- 7 Managerial requirements and their appraisal in industrial project evaluation, by W.H. Newman.
- 8 Industrial project evaluation and the engineer, by Ching.
- 9 General criteria for industrial project evaluation, by A.R. Sen.
- 10 The rate of interest and the value of capital with unlimited supplies of labour, by S.A. Marglin.

- CID/IE/B.11 Inter-industrial aspects of project evaluation, by Z. Roman.
- 12 Some considerations on the relationship between the industrial projects and transport services, by G. Siri.
- 13 Capital budgeting and pricing techniques, by J.R. Meyer and L.M. Cole.
- 14 Criteria of economic integration in the industrial project evaluation in developing countries, by V. Cerniansky.
- 15 A study of environmental considerations in industrial project evaluation with special reference to the productivity of labour, by V. Halaxa.
- 16 Project planning in developing countries, by J.L. Tyron and F.E. Cookson.
- 17 Financial planning of industrial projects and their appraisal, by J. Dean.
- 18 Industrial project evaluation in the U.S., the U.K. and France, by The Economist Intelligence Unit, London.
- 19 Survey of literature on cost-benefit analysis for industrial project evaluation, by A.C. Harberger.
- 20 Useful procedures suggested for developing countries by the discounted cash flow technique, by J. McArthur.
- 21 Study of industrial plant systems, by ELC-Electroconsult, Milano, Italy.
- 22 Appraisal of financial needs for new industrial projects, by C. Williams.
- 23 Problems and methods of research into the effectiveness of investments in Poland, by M. Rakowski.

- CID/IEE/B.24 The economic evaluation of productive investments in Hungary, by M. Turanszky.
- 25 Bibliography on project evaluation, by F.E. Cookson and J.L. Tyron.
- 26 Evaluation of industrial infra-structure methodology and practical experience, by T.E. Kuhn.
- 27 Foreign trade criteria in industrial project evaluation, by R. Schmelz.
- 28 Project evaluation in the presence of economies of scale and indivisibilities, by T. Vietorisz.
- 29 Shadow prices in industrial project evaluation, by J.S. Fleming and M.S. Feldstein.
- 30 Pricing problems in industrial project evaluation, by M. Ostrowski and Z. Sadowski.
- 31 A system methodology for evaluating industrial projects in the context of national strategies, by E.B. Roberts.
- 32 Methodology of industrial project evaluation in Czechoslovakia, by O. Ferfecky.
- 33 National and commercial profitability, by C.M. Foster.
- 34 Criteria for evaluation of industrial projects in an open economy, by L. Csapo and M. Mandal.
- 35 Mathematic methods of evaluation of industrial projects, by O.A. ihajlov.
- 36 Public investment criteria - benefit cost analysis for planned economic growth, by S.A. Marglin.
- 37 Economic criteria for choice of technique in a socialist economy, by K. Leszcynski.

- CID/IPE/B.38 Evaluation of an industrial project from the point of view of a rational location of productive forces, by E.B. Alaev.
- 39 Methods of technical and economic foundation of the development of industrial centres, by E.B. Alaev.
- 40 Management as a factor in project evaluation, by Stoneham.
- 41 Skill formation in Japan, by M. Yamada and T. Yokomizo.
- 42 Choice of location in industrial project evaluation, by Z. Zajda and S. Zawadzki.
- 43 Assessment of factor endowments in industrial project evaluation, by K. Baba and T. Unno.
- 44 Integration of accounting and economic concepts of costs and benefits in evaluation of industrial projects, by Arthur D. Little, Inc.
- 45 Combined criterion for investment in manufacturing industries in developing countries, by Centre for Industrial Development, UN.
- 46 The optimal selection of export-promoting and import-substituting projects, by F. Bruno.
- CID/IPE/C.1 Follow-up procedures and practices, by H.T. Parskh.
- 2 Follow-up, by B. Berkoff.
- CID/IPE/D.1 Conversion of Malta dockyard, by A.H. Camilleri.
- 2 Argentina's experience in industrial project evaluation, by J. Lorenzo Vietti.
- 3 Ampliación de la planta siderurgica de
and annex Chimbote Proyecto, by H.G. Campos.

- CID/IPE/D.4 Planificación global y evaluación de proyectos, by M.A. Figueros.
- 5 Criteria for and experience in project evaluation, by M. Reza Amin.
- 6 Influence of local conditions in project evaluation, by A. El Barbary.
- 7 Selected Harvard Business School case studies: Nos. F985, 986, 987, 988, 989, 990, 991; ICR261 (and questionnaire).
- 8 Foundry forge project, by S.D. Joshi.
- 9 Governmental assistance in establishing industrial projects in the private sector, by Pakistan Industrial Credit and Investment, Ltd.
- 10 Project appraisal in IICIC, by S.V. Durrani.
- 11 Selected methodological problems of economic efficiency in capital investment in Bulgaria, by Ivan Ivanov.
- 12 System of appraisal of industrial projects in Yugoslavia, by M.V. Pejovic.
- 12 Application for credit for a cement factory, and annex by M.V. Pejovic.
- 13 Experience in industrial project evaluation in Nigeria, by G.A. Fatoye.
- 14 Colombia's experience in industrial project evaluation, I. Parra-Pena.
- 14 Una metodología para evaluar proyectos de ensamblaje automotor, by I. Parra-Pena. (Annex 1)
- 14 Estudio y evaluación de las propuestas para ensamblar vehículos automotores, by J. Otero T. (Annex 2)

- CID/IIE/D.15 Project evaluation in a development bank, by Nigerian Industrial Development Bank, Ltd.
- 16 Appraising an industrial project in India, by The Industrial Credit and Investment Corporation of India, Ltd.
- 17 Criterios para la selección de proyectos industriales en Cuba, by C.F. Angel M. Fernas.
- 18 Iran's experience in industrial project evaluation, by Khanbaba Iravani.
- 19 Project evaluation and development planning, by S. Behzat Akgur.
- 20 The growth of the internal market in relation to the strategy of economic development, by Romolo Arena.
- 21 A case study of the textile fabrics corporation, by Stanford University.
- 22 Operational planning of a sponge iron and continuous rolled steel production process, by H.A. Havemann.
- 23 Industrial project evaluation in Jordan, by S.F. Kawar.
- 24 Estudio de factibilidad planta para fabricación de peróxido de hidrógeno (Agua oxigenada), by A.B. Gonzales.
- 25 Evaluation of projects in Bolivia, by C. Alipaz Alcazar.
- 26 Projects for industrial development in Iraq, by B. Al-Dabouni.
- 27 A Men's hosiery manufacturing facility for Nigeria, by Arthur D. Little, Inc.
- 28 Feasibility of a cassava starch industry in Nigeria, by Arthur D. Little, Inc.

- CID/IPE/D.29
- 30 A study of the feasibility of manufacturing opportunities for construction products in Nigeria, by Arthur I. Little, Inc.
- 31 Industrial project evaluation in Thailand, by Krit Sombatsiri.
- 32 Feasibility of producing hardboard and particle board in Greece, by Arthur D. Little, Inc.
- 33 The feasibility of an integrated fish-processing plant at Grand Rapids, by Arthur D. Little, Inc.
- 34 Feasibility of fixed nitrogen facility in the Philippines, by Arthur D. Little, Inc.
- 35 Evaluation of industrial projects - case study on power industries, by E.A. Elohin.
- 36 Technical education in the West Indies: project proposal, by V.A. Richardson.
- 37 Evaluation of industrial projects in Ceylon, by G. Gunatilleke.
- 38 Planning an integrated steel mill in a developing country, K.E. Robberg and R. Berchem.
- 39 Israel's experience in industrial project evaluation.
- 40 Experience of the West Pakistan Industrial Development Corporation in developing the industrial potential in Pakistan, by A.K.K. Mazari, Chairman.
- 41 Financing of industrial projects, by Istituto Mobiliare, Italiano, Italy.
- 42 Summary analysis of country experience in industrial project evaluation, by G.O. Nworah and H. Akpan.
- 43 Process and site evaluation for the iron and steel industry in Mexico, by C. Quintana, G. Bueno and F. Gonzales Vergas.

- CID/IPE/D.43 Technical and economic industrial project evaluation, by Tzenov, Kostor and Dantchev.
- 44 L'importance du cadre institutionnel dans l'évaluation des projets industriels, by T. Mazizh.
- 45 Criteria for evaluation of industrial projects, by Industrial Finance Corp. of India.
- 46 Project evaluation of state enterprises in Ghana, by T.M. Dade.
- 47 Industrial project evaluation in Czechoslovakia: selected studies, by Research Institute for Building and Architecture.
- CID/IPE/Misc.1 Summaries of documents submitted to the Symposium on Industrial Project Evaluation, by Centre for Industrial Development, UN.
- 2 Definitions and explanation of selected terms used in industrial project evaluation, by J. Sonny.
- 3 Issues and problems, by Centre for Industrial Development, UN.
- CID/SYMP.A/2 Industrial project evaluation. Summary.
- E/C.5/100 Industrial planning and programming: Industrial project evaluation. 13 p.

27. INTLR-REGIONAL SEMINAR ON PROMOTION OF INDUSTRIAL STANDARDIZATION IN DEVELOPING COUNTRIES, HELSINGOER, 4 - 25 OCTOBER 1965

Report: E/C.5/103. Also published as ST/TAO/SER.C/85
Sales No.: 66.II.B.12

Proceedings: Published by Danish Standards Association, Copenhagen-Hellerup in 2 volumes under non-UN symbol;
Ref M 40/1-2 65.
Only obtainable from that Association.

Paper submitted by the Centre for Industrial Development

Discussion paper:

DP/Agenda item 2.1 Interest and activities of the U.N. in the field of industrial standardization, by R.C. Desai, C.I.D.

28. AD HOC GROUP OF EXPERTS ON INDUSTRIAL PROGRAMMING DATA, NEW YORK, 9 - 12 NOVEMBER 1965.

Paper submitted by the Centre for Industrial Development

No symbol Recommendations for the industrial programming data project of the United Nations, Centre for Industrial Development. 8 p. dittoed.

29. REGIONAL SYMPOSIA, Dec. 1965 -

- A. Asian Conference on Industrialization. Manila, 6-20 Dec. 1965.
Report: E/CN.11/719
- B. Symposium on Industrial Development in Africa. Cairo, 27 Jan. - 10 Feb., 1966.
Report: E/CN.14/347
- C. Latin American Symposium on Industrial Development. Santiago, 14-25 March 1966.
Report: E/CN.12/755
- D. Conference on Industrial Development for the Arab States. Kuwait, 1-10 March 1966.
Report: E/C.5/135/Add.4

Papers submitted by the Centre for Industrial Development

- CID/SYMP.A,B,C/1 Issues in the financing of industrial development. 19 p.
- CID/SYMP.A,B,C/2 Industrial project evaluation (Summary of relevant extracts from the Report of the UN Inter-regional Symposium on Industrial Evaluation, Prague, 11-29 October 1965). 11 p.
- CID/SYMP.B/3 Some aspects of industrial research with particular reference to Africa. 45 p.
- CID/SYMP.B/4 The UN Training Programme in Industrial Development and Planning for the African Government Officials. (Based on the final report on the Training Course, Cairo, February - May 1965). 35 p.
- CID/SYMP.A,B,C/5 List of UN documents on industrialization. 43 p.
- CID/SYMP.A,B,C/6 Issues and policies in the promotion of small-scale industries. 9 p.
- CID/SYMP.A,B,C/7 Textile industries in developing countries. Recommendation and summary report of the UN Inter-regional Workshop on Textile Industries in Developing Countries. Lodz, Poland, 6-27 September 1965. 29 p. and Annexes.
- CID/SYMP.A,B,C/8 UN technical co-operation activities for industrial development. 12 p.
Re-issued as ST/ECLA/Conf.23/L.27
- CID/SYMP.A,B,C/9 Training of economic administrators of the developing countries in industrial development. (Based on the Report of the Meeting of the UN Inter-regional Working Party on Training of Economic Administrators in Industrial Development.), Paris 2-10 September 1965. 20 p.
- CID/SYMP.A,B,C/10 Training of technical personnel for industrialization in the developing countries. 31 p.

- CID/SYMP.B/11 Financing of industrial development with particular reference to Africa, by J.T. Simpson, Consultant. 12 p.
- CID/SYMP.B/12 The experiences of the Central American economic integration programme as applied to East Africa, by M.S. Wionczek, Consultant. 30 p.
- CID/SYMP.B/13 Linkages between industry and agriculture, by E. Boserup, Consultant. 27 p.
- CID/SYMP.B/14 The role of small-scale industry in African industrial development. The East African experience by K.G.V. Krishna, Consultant. 21 p.
- CID/SYMP.B/15 Inducements for industrial development, by J. Ilett, Consultant. 29 p.
- No symbol Some aspects of industrial research, with particular reference to Asia and the Far East. 32 p.
Submitted to ECAFE Expert Working Group on Industrial Research and Design.
Report. I NR/Ind.Conf./S.13

30. EXPERT GROUP ON SECOND-HAND EQUIPMENT FOR DEVELOPING COUNTRIES, NEW YORK, 7 - 22 DECEMBER 1965

Report: 59 p. 1965

Transmitted by E/C.5/104 & Corr.1 English only.

Reprinted as Sales No.: 66.II.B.9 (ST/CID/8)

Working papers

- CID/CONF.7(65)1 List of participants
- 2 A. Working programme and agenda
B. List of working papers
- 3 The potential of second-hand equipment in the industrialization of developing countries, by A. Wiener

- CID/CONF.7(65)4 The use of second-hand equipment in developing countries, by Centre for Industrial Development, UN.
- 5 The use of second-hand equipment in developing countries: Summary of comments and suggestions, by the Centre for Industrial Development, UN.
- 6 A general survey of the used textile machinery market in the United States, by M.H. Rubenstein, Lerner Textile Consultants.
Previously EISA/CID/TD/IS/1
- 7 An analysis of the used machine tool market in the United States, by C.A. Simmons, Jr., Simmons Machine Tool Corporation
- 8 Use of second-hand computers in the developing countries, by D. Wilson, Auerbach Corporation
Previously EISA/CID/TD/IS/2
- 9 Second-hand automotive equipment with special reference to use in developing countries, by M. Alth
- 10 Used chemical process equipment sources. Use, selection criteria, with particular regard to its application in developing countries, by N.H. Parker
Previously CID/EGSM/W.P.1
- 11 Second-hand machinery and economic development, by Netherlands Economic Institute
- 12 The use of second-hand machinery in developing economies, by A. Waterston, IBRD

31. UNITED NATIONS TRAINING WORKSHOPS ON INDUSTRIAL PROJECT FORMULATION AND EVALUATION, 1966 -

- 1) Mexico City, 20 June - 8 July, 1966
- 2) Colombo, Ceylon, 5-24 December 1966
- 3) New Delhi, India, 26 Dec. 1966 - 20 Jan. 1967

Papers submitted by the Centre for Industrial Development

Some of the papers of the Prague Symposium in the series CID/IPE/B. were also submitted to these Workshops. SEE p.p. 70 - 73

- | | |
|--------------|--|
| CID/IPE/TW.1 | Training workshops on industrial project formulation and evaluation. A brief note. 10 p. |
| 2 | Essential cost-benefit analysis of the Panagua project. Evaluation of commercial and national economic profitability. Oct. 1966. 89 p.
Panagua is an imaginary country |
| 3* | Evaluation of projects in centrally planned economies, prepared by UN Centre for Industrial Development. Reprinted from <u>Industrialization and Productivity</u> bulletin No. 8 |
| 4* | "Practical" social cost-benefit analysis of an Indian project, by Prof. A.K. Sen, Delhi School of Economics. |
| 5 | Lectures on social cost-benefit analysis for industrial project formulation and evaluation, by S.A. Marglin, A.K. Sen, and T. Weisskopf. 171 p. |
| 6* | Public investment criteria, benefit-cost analysis for planned economic growth, by S.A. Marglin.
To be published eventually by Allen & Unwin and also M.I.T. Press.
Previously issued as CID/IPE/B.36 |

* No copy deposited with Reference and Documentation Unit

- CIL/IPE/TW.7* Problems of commercial and national profitability, by C.J. Foster. Previously issued as CIL/IE/B.33.
- 8* General criteria for industrial project evaluation, by A.K. Sen. Previously issued as CIL/IPE/B.9
- 9* Appraisal of financial needs for new industrial projects, by C.M. Williams. Previously issued as CIL/IE/B.22
- 10* The optimal selection of export-promoting and import substituting projects, by H. Bruno. Previously issued as CIL/IPE/B.46
- 11* Planning in a surplus labour economy: Shadow prices for co-ordinating project evaluation with national development objectives, by L. Lefebvre.
- 12* Social cost-benefit analysis of a Ceylonese Project, by Prof. A.K. Sen.

32. CONSULTATIVE GROUP ON INDUSTRIAL ESTATES AND INDUSTRIAL AREAS, 1966 -

First meeting: Geneva, 24 - 29 Oct. 1966

Second meeting: Beirut, 31 Oct. - 5 Nov. 1966

Papers

- CIL/IE/BP.1 Research parks in the United States: A case study from Colorado, by J. Stepanek. 15 p.

- CID/IE.1/1 & Add. 1 Provisional agenda, 24 August 1966. 1 p.
Also issued as CID/IE.2/1 & Add.1
- 2 Industrial estate plans and projects in some European and other countries, by Centre for Industrial Development, 24 August 1966. 37 p.
- 3 The role of industrial zones, areas and nuclei in development policies and programmes with special reference to the promotion of small-scale industries: The experience of Italy, by C. Alhaique. 24 August 1966. 34 p.
- 4 The role of industrial estates, areas and zones in providing an industrial base in urban and regional development plans, by A. Solow. 14 September 1966. 80 p.
Also submitted to UN Inter-regional Seminar on Development Policies and Planning in Relation to Urbanization (UN/USA), Pittsburgh, 24 Oct. - 7 Nov. 1966.
Also issued as CID/IE.2/2
- 5 The role of industrial estates in policies and programmes for the development of small-scale industries, by P.C. Alexander, 24 August 1966, 5 p.
Also issued as CID/IE.2/3
- 6 Types of industrial estates, by P.C. Alexander. 24 August 1966. 11 p.
Also issued as CID/IE.2/4
- 7 Pre-project planning for industrial estates, by P. Quigley. 52 p.
Also issued as CID/IE.2/5
- 8 Services and facilities for small-scale industries in industrial estates, A.D. Bohra. 24 August 1966. 17 p.
Also issued as CID/IE.2/6
- 9 Public and private financing of industrial estate projects and stimulation of private projects by the government authorities, with special reference to India's experience, by B.K. Chatterji. 24 August 1966. 32 p.
Also issued as CID/IE.2/7

CID/IE.1/10 United Nations activities in the field of industrial estates, by CID. 24 August 1966. 24 p. Also issued as CID/IE.2/8

Information series

CID/IE.1/INF.1 List of documents. 2 p.
Also issued as CID/IE.2/INF.1

CID/IE.2 SEE pp. 83-85

33. INTERNATIONAL LABOUR ORGANIZATION. PETROLEUM COMMITTEE.
7th SESSION, SEPTEMBER 1966

Paper submitted by the Centre for Industrial Development

CIL/66/1 Chemicals from petroleum. Recent industrial technological achievements of significance to developing countries. 11 March 1966. 42 p.

34. INTER-REGIONAL SYMPOSIUM ON THE DEVELOPMENT OF METALWORKING INDUSTRIES IN DEVELOPING COUNTRIES, MOSCOW, USSR, 7 SEPTEMBER - 6 OCTOBER 1966

Report To be issued during 1967 (IL/4)

Papers submitted by the Centre for Industrial Development

CID/SYMP.L/1 Programme and list of papers and authors.
Revised and Provisional 24 January 1966. 17 p.

CID/SYMP.L/A-1 Current developments in metalworking, by
& Summary P.A. Sidders, Chief Associate Editor,
Machinery and production Engineering, London,
England. 28 p.

A-2 Condition and basic trends in development of
& Summary machine building technology, by A. Prokopovitch.
55 p.

- CIL/SYMP.D/A-3
& Summary
- A-7
& Summary
- A-12
& Summary
- A-13
- CID/SYMP.L/B-1
& Summary
- B-2
& Summary
- B-3
& Summary
- B-4
& Summary
- B-5
& Summary
- B-6
& Summary
- Manufacture of industrial machinery and equipment in developing countries, by CII. 24 p. and annex.
- World machine tool production with special reference to developing countries, by CII. 41 p. and 38 p. (Annexes and appendixes)
- A study of Indian machine tool industry, by S. S. Patil 40 p.
- The problems of the development of metal-working industries in Southern Italy and experiences thereon of interest to developing countries, by Vittorio Valletta. 4 p.
- Trends in the design of metalworking machinery and in production methods, by M. Kronenberg. 56 p. and 34 p. (Figures)
- Special considerations of machinery design for industrially developing countries, by H. Opitz, Director, Metalworking Machine Tool Laboratory, Aachen Technical Higher School, FRG. 35 p. and 14 p. (Figures)
- Development problems of the metal cutting, by Jan Kaczmarek, The Institute of Metal Cutting, Kraków, Poland. 50 p.
- New methods for non-mechanical (electro-physical and electro-chemical) machining of materials, by A.L. Livchits, Experimental and Research Institute of Metal-cutting machines, Moscow, USSR. 53 p.
- Condition and perspective of development of aggregation of metal-cutting machines, by K. Gleser, Institute of Metal-Cutting Machines, Karl-Marx-Stadt, German Democratic Republic. 40 p.
- Process control methods in engineering industry, by A.P. Vladziyevsky. 52 p.

- CID/SYMP.D/B-7
& Summary
- B-8
& Summary
- B-9
& Summary
- B-11
- B-12
& Summary
- B-14
& Summary
- B-15
& Summary
- B-18
& Summary (English)
- B-19
& Summary
- Production automation in developing countries, by Van Court Hare, Jr. Columbia University. 29 p.
- Simplified systems of program control for universal machine tools, by Ede Sador, Director of the Development Institute of the Machine Tools Works, Hungarian People's Republic. 37 p.
- Production management for developing countries, by Samuel Eilon. 47 p. and figures.
- Mass production methods in the USSR machine tool building industry, from the experience of "Krasny Proletary" works, by J.A. Surguchev, "Krasny Proletary" works, Moscow, USSR. 64 p.
- Production methods at the machine tool works of H.W. Kearns and Co. Ltd., by C.A. Sparkes. 25 p.
- Basic problems of efficient selections of types of metal-working machines in accordance with level achieved and requirements of developing countries, by V.S. Belov, Research Director, Experimental and Research Institute of Metal-Cutting Machines, Moscow, USSR. 58 p.
- Main trends in development and organization of designing and research work in machine-building industries of developing countries, by V.S. Vasilyev. 26 p.
- Les problèmes de l'organisation de la réparation centralisée dans les pays en voie de développement, par H.O. Jacobson. For English version SEE p. 90
- Part I. Repair and maintenance of machine tools in developing countries, by A.S. Ironikov. 39 p.
Part II. Improving the dependability and continuity of service of machine-tools as a precondition for cutting down expenses on their maintenance and repair, by A.S. Ironikov. 13 p.

- CII/SYMP.I/B-21
& Summary
- B-22
- B-25
- CID/SYMP.D/C-1
& Summary
- C-2
& Summary
- C-3
& Summary
- C-5
& Summary
- C-6
& Summary
- C-7
& Summary
- Research for the machine tool industry, by A.E. De Barr., Director, The Machine Tool Industry Research Association, U.K. 66 p.
- Some problems in the application of research in the machine tool industry, by André Mottu, Technical Director of the Société Genevoise d'Instruments de Physique, Switzerland. 22 p.
- Quelques problèmes importants occasionnés par l'introduction et le développement du n/c dans les usines de machines par L. Champetier, Ingénieur-Chef, Centre de recherches scientifiques pour l'industrie des machines-outils (CERMO). 12 p. (French only)
- Decision rules for equipment investments in metal-product industries with special reference to metal-chipping and cutting machines, by Gerard K. Boon. 130 p.
- The organization of a machine census and utilization of census data, with special reference to countries undergoing industrial development, by Anderson Ashburn, Editor, American Machinist, U.S.A. 31 p.
- The problems and significance of industrial standardization in metalworking industries in developing countries, by John E. Wilson, Manufacturing SCM Corporation, U.S.A. 42 p.
- Minimum nomenclature of metal-cutting equipment recommended for own production in developing countries, by P.P. Somlev, Director of the Institute of Metalworking Machines in Sofia, Bulgaria. 32 p.
- The position of metalworking industries in the structure of an industrializing economy, by Anne P. Carter and Cassily W. Leontief. 40 p.
- Report of expert group on second-hand equipment for developing countries.
Sales No. 66.II.B.9 (ST/CID/8) 24 p.

- CID/SYMP.D/C-10
& Summary
- C-12
& Summary
- C-13
& Summary
- C-14
- Design of machine-tool plants for developing countries by G.M. Sakharov, Chief Engineer, "Giprostanok", Design Institute, Moscow, USSR. 55 p.
- Estimation of managerial and technical personnel requirements in metal processing industries, by CID and by William W. Waite, Consultant. 79 p.
- Basic principles of training engineering and technical specialists for metalworking industry, by V.A. Arshinov, Moscow Machine and Tool Institute, Moscow, USSR. 43 p.
- Problems of machine tool replacement, by N.D.G. Mountford. 34 p and 19 p. (Figures)

35. INTER-REGIONAL SEMINAR ON DEVELOPMENT POLICIES AND PLANNING IN
RELATION TO URBANIZATION. (UN/USA)
Pittsburgh, 24 Oct. - 7 Nov. 1966

Papers submitted by the Centre for Industrial Development

The role of industrial estates, areas and zones in providing an industrial base in urban and regional development plans, by A. Solow, Consultant.

Industrial location and national economic growth. 17 p.
Previously issued as CID/5

36. MEETING OF EXPERTS ON THE REPAIR AND MAINTENANCE OF INDUSTRIAL EQUIPMENT IN DEVELOPING COUNTRIES, NEW YORK, 8 NOV. - 9 DEC. 1966

Report: To be issued during 1967 (ID/1)

Papers

- CID/R.M.1 Repair and maintenance of industrial equipment in developing countries. Nigeria, by G.O. Chigbo. 65 p.
- 2 Repair and maintenance of industrial equipment in developing countries. United Arab Republic, by Fouad Hussein. 38 p.
- 3 Repair and maintenance of industrial equipment in developing countries: A case study based on the experience in Saudi Arabia, by N. Farmer. 58 p.
- 4 Repair and maintenance of machine tools in developing countries. Basic methods of extending the use of life of machine tools, principles for machine tools repair and maintenance systems and organization of repair services, with special reference to the requirements of developing countries, by A.S. Pronikov.
- Also submitted to Inter-regional Symposium on the Development of Metalworking industries in Developing Countries, Moscow, 7 Sept. - 6 Oct. 1966. 39 p.
Previously issued as E/C.5/68
- 5 Organisation of facilities for repair and maintenance of industrial machinery and equipment in developing countries, by M.O. Yakobson. 29 p. For French version SEE p. 87
- Also submitted to Inter-regional Symposium on the development of Metalworking Industries in Developing Countries, Moscow, 7 Sept. - 6 Oct. 1966. 29 p.

- CID/R.M.6 Analysis of answers to a questionnaire on repair and maintenance of industrial equipment in developing countries, by Industries Section, Technological Division, CID. 39 p.
- 7 Report. To be published during 1967
37. AFRO-ASIAN MEETING ON MANAGEMENT DEVELOPMENT AND PRODUCTIVITY (AFRO-ASIAN ORGANIZATION FOR ECONOMIC CO-OPERATION).
Cairo, 28 - 30 November 1966

Papers submitted by the Centre for Industrial Development

- No symbol The practical application and use of improved industrial management techniques by industries in developing countries. Nov. 1966. 22 p.
Previously issued as CID/VI/BP.3
- No symbol Corporate planning practices in the industrialized countries, by J.D. Mooney, Consultant. Nov. 1966. 52 p.
Previously issued as CID/VI/BP.13
- No symbol Problems of small industries and training for management personnel, by I. Oshikawa, Consultant. Nov. 1966. 42 p.

38. ECLA. SEMINAR ON SMALL-SCALE INDUSTRY IN LATIN AMERICA.
Quito, Ecuador, 28 November to 5 December 1966.

Report: Informe preliminar. ST/ECLA/CONF.25/L.36

Papers submitted by the Centre for Industrial Development

- ST/ECLA/Conf.25/L.2 The definition of small-scale industry, by P.C. Alexander, Consultant, CID. 11 p. E. S.
- L.3 Industrial extension services for small-scale industries, by P.C. Alexander, Consultant, CID. 24 p. E. F. S.
- L.4 The role of industrial estates in policies and programmes for the development of small-scale industries, by P.C. Alexander, Consultant, CID. 5 p. E. F. S.
- L.5 Types of industrial estates, by P.C. Alexander, Consultant, CID. 11 p. E. F. S.
- L.6 Stimulation of entrepreneurship and assistance to small-industrialists at the pre-investment stage, by CID. 44.p. E. S.
- L.7 Pre-project planning for industrial estates, by P. Quigley, Consultant, CID. 52 p. E. S.
- L.9 Industrial estates and projects in Latin American countries, by CID. 43 p. E.
- L.10 The role of small-scale industry in over-all industrial development strategy, by P.C. Alexander, Consultant, CID. 11 p. E.
- L.30 Technical co-operation for the development of small-scale industries, by CID. 57 p. E.

39. INTERNATIONAL FOUNDRY CONGRESS, 33rd.
New Delhi, 4-9 December 1966

Papers submitted by the Centre for Industrial Development

- CID/FCUINDRY/1 Planning of heavy foundry industry in India and its impact on the industrial development of countries in the ECAFE region, by B.D. Kalekar. 23 p.
- 2 Preparation and treatment of secondary alloy casting for the production of non-ferrous normalized alloys, by C. Mascré and D. Arnaud. 18 p.
- 3 Technological and scientific problems in investment casting, by H. Rosenthal. 28 p.
- 4 Recent developments in the technology of production of precision investment casting in special alloys, by D.F.B. Tedds. 26 p.
- 5 Mechanization and plant lay-out for medium-sized foundries engaged in the production of steel and non-ferrous alloys, by O.J. Holownia. 39 p.
- 6 Physical and foundry properties of liquid metals (iron, titanium, zirconium), by M. Maurakh, CID. 18 p.
- 7 Growth pattern of foundry industry in developing countries, by B.N. Nijhawan. CID. 25 p.
Adaptation re-issued in Indian Foundry Journal.
Special Number 1966. pp. 114-126.
- 8* Recent improvement in cupola melting of cast iron, by L.M. Marienbakh.

* Not yet available in Reference and Documentation Unit

40. AL HCC AD-HOC GROUP ON FERTILIZER PRODUCTION IN NATURAL GAS RICH AREAS OF THE WORLD, New York, 9 - 16 Dec. 1966.

Report: To be published during 1967. (ID/2)

Papers*submitted by the Centre for Industrial Development

- ERT/Ad-hoc Group/1 Estimates of natural gas reserves and actual production in Iran, Kuwait, Libya, Nigeria, Saudi Arabia and Venezuela.
World Oil - International Outlook, 1966
- 2 World production and consumption of fertilizers, 1964-1965
Fertilizers - An annual review of world production, consumption and trade - F.A.O., 1965
- 3 actual consumption and estimated requirements of fertilizers N, P₂O₅ and K₂O in Latin America
La Oferta de Fertilizantes en America Latina.
3 November 1966 (E/CN.12/761)
- 4 Prospects for regional co-operation in the field of fertilizers in Asia and Far East.
Asian Industrial Development Council, First Session Economic Commission for Asia and Far East. 8 August 1966.
(E/AR/A.I.D.C.1/12)
- 5 Fertilizer production and consumption in Africa.
Paper presented at the United Nations Inter-Regional Seminar on the production of fertilizers, Kiev, 24 August - 11 September 1965,
Economic Commission for Africa (E/ART/CONF.1/39)
- 6 Developing of petrochemical potentials of North Africa and the Persian Gulf, by H.K. Nieuwenhuis.
Paper presented at the U.N. Inter-Regional Conference on the development of petrochemical industries in developing countries, Teheran, October 1964 (PET/CHEN/CONF.64)
- 7 The economies of international distribution of anhydrous ammonia, by M. J. Haude.
Paper presented at the U.N. Inter-Regional Conference on the development of petrochemical industries in developing countries, Teheran, October 1964 (PET/CHEN/CONF.67)

* No copies deposited in Reference and Documentation Unit.

- ALERT/ad-hoc Group/8
- U. K. chemical industry bids for North Sea gas, price issue flares for North Sea gas. European Chemical News, November 25, 1966.
Compromise plan on fertilizers is under study. The Times of India News Service. November 19, 1966.
International Finance Corporation invests \$10,658,000 in Brazilian fertilizer company.
Office of Public Information, United Nations
- 9 Replies to questionnaire of natural gas from Saudi Arabia
- 10 Replies to questionnaire of natural gas from Venezuela
- 11 Statement on availability of gas for industrial use in Saudi Arabia
- 12 Replies to questionnaire of natural gas from Libya
- 13 Information Summary - Kuwait
Iran
Saudi Arabia
Venezuela
Libya
Nigeria

41. REGIONAL SEMINARS ON THE ORGANIZATION OF INDUSTRIAL SERVICES
IN DEVELOPING COUNTRIES, 1967

Papers

Organization and Administration of Industrial Services in:

CID/Conf.1/67/Country Report No.	1	Ethiopia.	1965	52 p.	E.
	2	Ghana	1965	55 p.	E.
	3	Nigeria	1965	58 p.	E.
	4	Guinea	1965	21 p.	E. F.
	5	Morocco	1965	34 p.	E. F.
	6	Senegal	1965	26 p.	E. F.
	7	Tunisia	1965	32 p.	E. F.
	8	Upper Volta	65	11 p.	E. F.
	9	Japan	1966	45 p.	E.
	10	Philippines	66	28 p.	E.
	11	Singapore	1965	18 p.	E.
	12	Thailand	1965	21 p.	E.
	13	India	1965	89 p.	E.
	14	Afghanistan	65	24 p.	E.
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	16	Iran	1965	78 p.	E.
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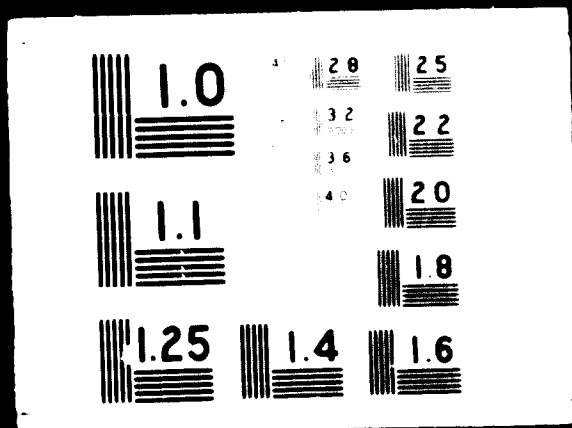
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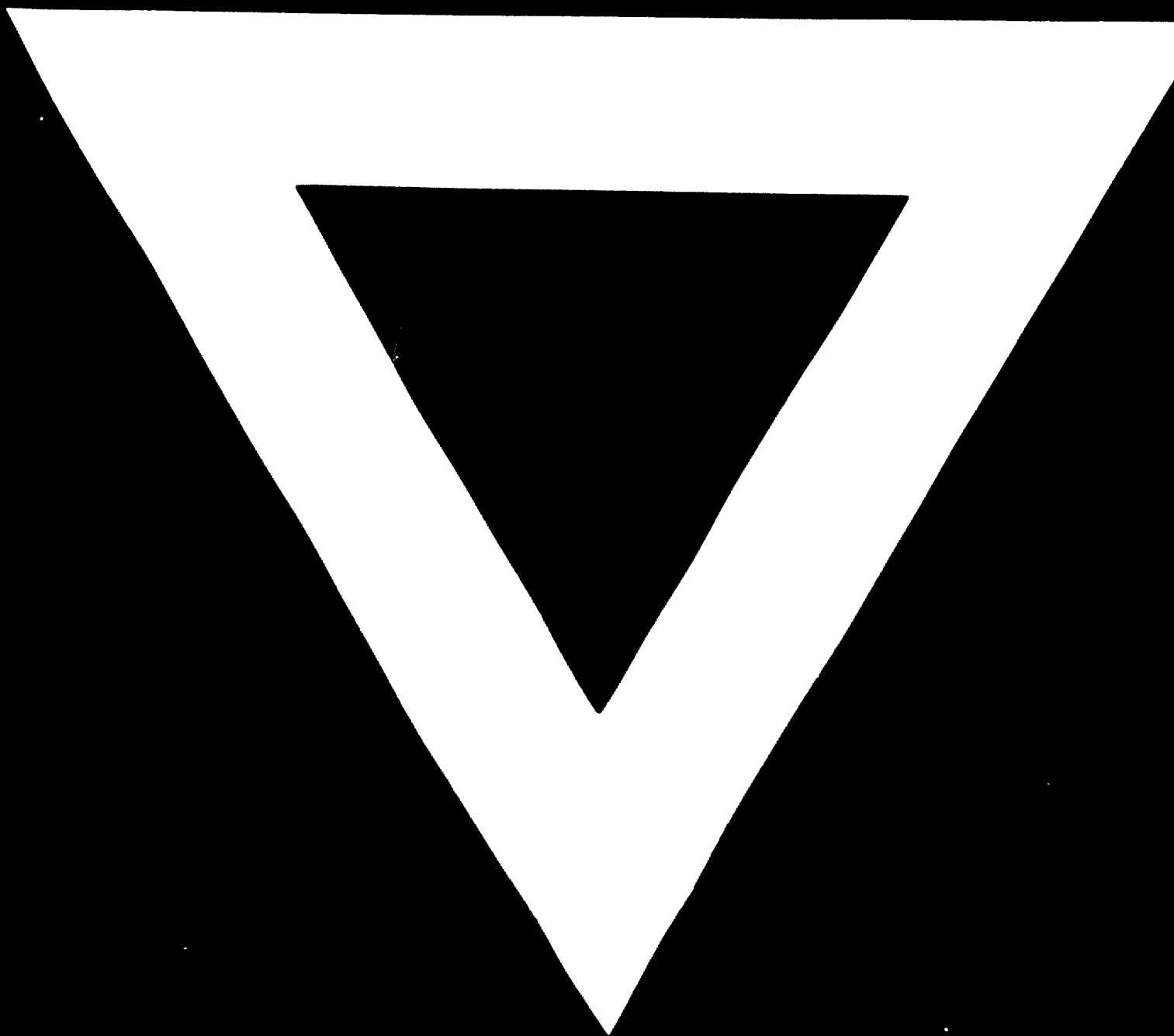
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