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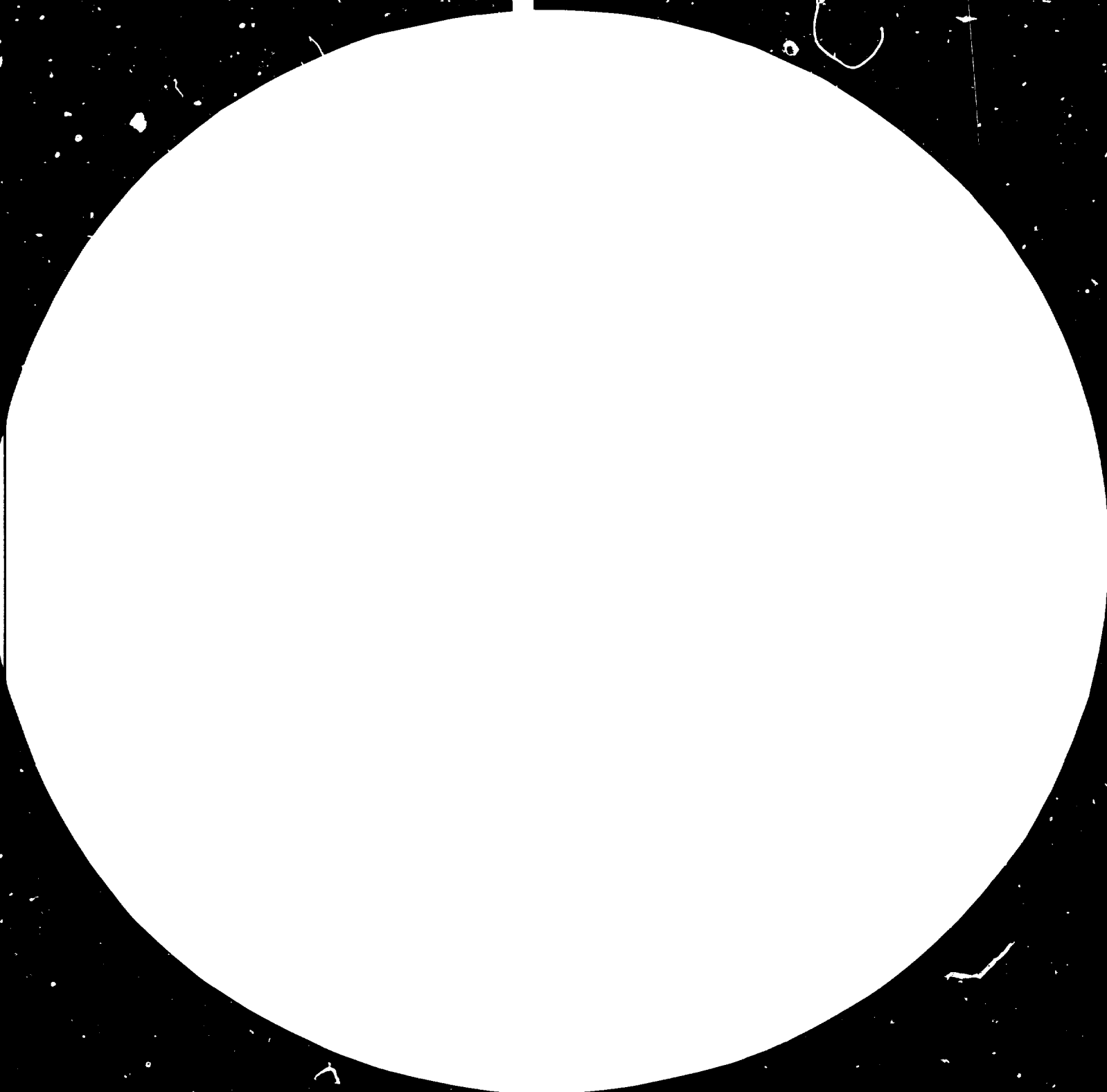
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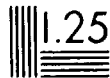
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STRENGTHENING NATIONAL TECHNOLOGICAL  
CAPABILITIES IN THE FIELD OF  
DEVELOPMENT AND TRANSFER OF TECHNOLOGY\*

397

Report of an advisory mission  
to the Dominican Republic

(12-18 December 1979)

Prepared by William H. Tanaka, Acting Head,  
Development and Transfer of Technology Section

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LIST OF ABBREVIATIONS

AID	United States Agency for International Development
CEDOPEX	Centro Dominicano de Promocion de Exportaciones
CIDA	Canadian International Development Agency
IDB	Inter-American Development Bank
INDOTEC	Institute of Industrial Technology, Dominican Republic
INTIB	Industrial and Technological Information Bank
OAS	Organization of American States
TSDS	Technological Services Delivery System
UNCSTD	United Nations Conference on Science and Technology for Development
UNDP	United Nations Development Programme

### Objective

1. At the request of the Secretariado Técnico de la Presidencia of the Dominican Republic, to investigate the present situation and future direction of science and technology development in general, and to draw up an action programme of assistance with the basic aim of strengthening the national technological capabilities as a basis for promoting and accelerating the industrial development of the country.

### Schedule

2. The mission carried out its working programme during the period of 12 - 18 December 1979, as prepared by the Secretariado Técnico, composed of meetings and interviews with senior officials of the Government, public and private enterprises and organizations, including the UNDP Resident Representative.
3. The schedule of meetings and persons met are attached to this report in Annex I. During the entire period of activities, the mission was accompanied and supported by Mr. J. Pruin, UNIDO JPO, attached to the Resident Representative's office.

### Background

4. In August 1979, during the "United Nations Conference on Science and Technology for Development" (UNCSTD) and the "International Colloquium on Science, Technology and Development: Needs, Challenges and Limitations" organized by the Advisory Committee on the Application of Science and Technology to Development (ACAST) held immediately preceding UNCSTD, discussions were carried out between members of the delegation of the Dominican Republic (composed of Mr. Pedro Julio Bona Pandi, Deputy Minister of Technology of the President's office, Mr. Luis Canela Bueno,

Executive Secretary of the Foreign Investment Direction of the Central Bank of the Dominican Republic, and Ms. Ada Florentino de Llinas, Director of the Science and Technology Department of the Technology Ministry) and the Technology Group of UNIDO. At that time, the delegation expressed their interest in receiving assistance from UNIDO to undertake a programme on strengthening the national capabilities in the field of development and transfer of technology.

5. As UNIDO had already been implementing similar programmes in other developing countries in compliance with their requests, a general outline of the possibilities for the Dominican Republic was explained.
6. On 16 October 1979, an official request was submitted by the Government of the Dominican Republic through the UNDP Resident Representative's office, requesting the visit of a short mission to Santo Domingo to assist in the organization and institutional set up of departments dealing with technology transfer, and to elaborate on drawing up an action programme based upon discussions held at Vienna in August 1979.

#### Description of Activities

1. Seminar/Workshop
7. In view of the limited time available, and following the express wish of the Technology Ministry and the Central Bank, it was agreed that the main focus of the activities of the mission should be placed on the organization of a Seminar/Workshop on strengthening of national capabilities in the field of development and transfer of technology.
8. Accordingly, the working schedule of the mission was formulated in a manner that visits and interviews be carried out with senior officials of the Government as well as public and private sectors,



to collect their views and opinions on such a Seminar/Workshop on the one hand, and to secure their support and co-operation on the other hand.

9. Following such meetings and discussions, a general concept of the project was drafted and agreed upon as set out in Annex II of this report. The prominent features of the Seminar/Workshop are:
  - (a) A five-day Seminar/Workshop will be organized for senior Government officials and leading personalities in the public and private industrial sectors of the country.
  - (b) A one-day Seminar will be organized for top Government officials and business executives focusing on matters at the policy-making and decision-making levels in the field of technology transfer, in particular its interrelationship with the national economic and industrial development strategy, policies and plans.
  - (c) Whereas the five-day Seminar/Workshop was agreed to be held at the Central Bank Auditorium in Santo Domingo, possibly from 24-28 March 1980, the one-day high-level Seminar would be organized tentatively at the Hotel Villas del Mar outside Santo Domingo, and possibly on 22 March 1980. The decision on the latter was reached in view of the fact that on a working day and in the capital city, it was feared that the participants of very high seniority would not be able to attend the Seminar without disturbances.
  - (d) In order to ensure active inter-action between and among the participants, it was agreed that the Seminar/Workshop participants could be divided into four or five working groups of about 10 participants each. In the afternoon of each day, the plenary sessions would be broken up into working group sessions, which would then return to the plenary where specific comments of each working group would be presented to all the participants.

(e) Concerning the one-day Seminar, it was suggested and so agreed upon that there would be no formal opening/closing ceremonies; that there would not be too many lectures; and, the lectures should be rather short in order to provide more time to stimulate informal discussions in the form of brainstorming sessions. In this connection, it was considered useful that an issue paper be prepared to provide a certain framework and guidelines for the discussions. The Seminar would aim at crystallizing, within the context of the Dominican Republic, the role of science and technology development in relation to:

- (i) the national economical industrial development policy framework;
- (ii) the financial and legislative supporting measures required; and
- (iii) the identification of possible solutions and plans of action.

Based upon these and other considerations, tentative schedules of the Seminar/Workshop and the one-day Seminar were prepared (see Annexes III and IV).

(f) A tentative list of participants for the one-day Seminar was drawn up (see Annex V). The list includes at least four Minister-level, and at least five Deputy Minister-level participants, and totals not more than 30 participants. It was agreed that the list of participants for the five-day Seminar would be compiled by the Ministry of Technology, and it would contain not more than 50 participants.

10. UNIDO's financial obligations would be travel and per diem of UNIDO staff members, and eventually the cost, including honorarium, of international consultants/experts invited for making presentations and moderating the discussions. It was agreed that the Seminar and Seminar/Workshop could both be carried out in English.

II. Assistance to the Gold Mining Industry

11. The Dominican Republic is the fourth largest country of open-digging gold mining in the world. Up to August 1979, the gold mining was in the hands of a commercial company in the United States of America. In September 1979, the Government decided to nationalize this industry, and signed an agreement of take-over with appropriate financial compensation to the previous owners.
  
12. This agreement contains a clause which retains the services of the previous owners for the management of the gold-mining industry until the end of 1980. The situation thus calls for building up and strengthening the indigenous capabilities and capacities for the management and technological development of the industry in the future.
  
13. Following discussions with the Director General for Minerals of the Ministry of Industry and Commerce, Mr. Romeo A. Llinas, an unofficial indication of interest requesting technical assistance from UNIDO was received. The technical assistance would cover two aspects, either under one project with two components or two separate projects. These were:
  - Project 1: The ultimate aim of the project would be the building up and strengthening of the indigenous capabilities and capacities for the management and technological development of the gold mining industry in the Dominican Republic. To bridge the period of reaching this stage, it would also be necessary to retain a consultancy service from abroad. The Government therefore wishes to receive assistance, under UNIDO's technical advisory services, with the negotiations for concluding such consulting services related to the management, acquisition and development of technologies for the gold mining industry (to be followed up by the Technology Group).

Project 2: The deposit on which the open-digging mining is centred at present is estimated to last only for some 5-10 years, after which a new technology process would have to be established to extract gold from the gold sulphate ores in the lower layers of the deposit. At present, there are said to be three processes developed: in Japan, South Africa and the United States, with the fourth process in its last stage of development by the previous owners of the industry. The Government wishes to receive UNIDO's assistance in the promotion of technological research and development (R + D) for an economic and efficient process to extract the gold (to be followed up by the Metal Industries Section, IOD).

14. It was agreed that the wishes of the Government would be reviewed and discussed by the relevant specialists at UNIDO headquarters, and a proposal of action would be submitted through the Ministry of Technology to the Direction for Minerals of the Ministry of Industry and Commerce as soon as possible. In view of the anticipated rise on the international gold market (which in fact took place drastically during the second half of 1979 and particularly end-December 1979/early-January 1980), the Government considers this branch of industry as one of its priority sectors. Accordingly they would like to receive an early response from UNIDO for recommended action, upon receipt of which they would send in an official request for assistance.

### III. Technological Services Delivery System (TSDS)

15. A general outline of the TSDS concept was explained with an illustration (see Annex VI). The Ministry of Technology, recognizing the importance of such a systematic provision of technological services to the medium and small industries, expressed its interest in receiving UNIDO's assistance. The matter was also discussed with the Industrial Promotion Corporation which was already undertaking a very similar type of activity, on a pilot basis, with the involvement of the

Dominican Institute of Industrial Technology (INDOTEC). The Ministry of Technology was informed of the fact that an official request for a TSDS survey mission had been received from Jamaica and the opportunity could be used also to visit the Dominican Republic. It was then agreed that the survey mission by a TSDS expert for a period of about three weeks would be desirable to investigate the prevailing situation in the country, identify needs of the small and medium industries, assess the existing capacities and on-going activities and formulate a project with a programme of action. The Ministry of Technology would send an official request for the survey mission to visit the country.

IV. Metal Production Development Units (MPDU)

16. An outline concept of the MPDU was also presented for consideration at the Ministry of Technology. It was revealed that there seemed to be a lack of such capacities in the Dominican Republic, and although there were no expressly recognized needs at present, MPDU could be a useful basic infrastructure for the industrial development in general and the promotion of metalworking industries in particular in the country. It was therefore agreed that the Ministry would further investigate the situation and eventually request for a 10 - 14 days exploratory mission to assist in identifying the potential and in formulating a project proposal for drawing up a Technical Implementation Plan (TIP) for the establishment of a MPDU tailored to the needs and requirements of the country.

V. Assistance to Technological Policies and Planning

17. With full recognition of the role of science and technology in the over-all economic and industrial development of the country, especially following the debates and outcome of the UNCSTD, an organizational restructuring took place recently within the Ministry of Technology. One of the priority tasks identified

was the need for establishing a clear-cut technological development policy and planning from the short, medium and long term perspectives. The Government expressed their wish to receive technical assistance from UNIDO in elaborating such technological policies and plans through the support of an expert to be attached to the Technology Ministry for a period of about three months. It was agreed that UNIDO would receive an official letter of request for such assistance.

VI. Assistance in Investment Promotion

18. The subject of science and technology development and the important role it has to play in the overall economic and industrial development of the country has been increasingly receiving serious attention by the Government. Such considerations have also been supported by a number of measures to encourage the promotion of science and technology. Within the Ministry of Technology, some nine committees on various vertical subjects including Industry, Agro-Industry, Energy, Science and Technology, Policy Planning, etc. and three committees on horizontal subjects covering Transfer of Technology, Quality Control and Information System were created recently (see page 11). Each of these committees were composed of representatives of the public and private sectors, universities and other related areas. In order to support such local initiatives, the Government expressed their strong wish to have UNIDO's full support and co-operation in recognition of the practical knowledge and experience UNIDO possesses in this field. They expressed their hope that they would be able to receive UNIDO's guidance in putting into operation or implementing those potential projects as identified and discussed or those activities which were not discussed but which could be of interest to the Government.
  
19. It was agreed that as there were comparatively few contacts between Santo Domingo and Vienna in the past, this

situation should be remedied in the future and that the Dominican Republic would participate more actively in the work of UNIDO.

20. In this connection, the subject of participation at UNIDO III in New Delhi in January/February 1980 was referred to. Arrangements were made to provide details of UNIDO III to the Government as quickly as possible.
  
21. Apart from the creation of a number of export processing zones in the country, the Government already has a number of legislative measures for promoting foreign investment. UNIDO's Investment Co-operative Programme (ICPO) was explained with specific reference to the operation of investment promotion offices in Brussels, Zurich, Cologne and New York and the on-going plans for offices in Milan, Copenhagen, Tokyo, etc. The Direction of Foreign Investment of the Central Bank of the Dominican Republic expressed their strong interest in receiving support and co-operation from these offices. It was agreed that measures would be taken for UNIDO-ICPO to provide all relevant information and material for initiating a co-operative programme as soon as possible.

VII. Discussions with UNDP

22. Prior to entering into discussions with the various Government officials, the mission had the benefit of meeting Mr. Fernando Salazar Paredes, Resident Representative of UNDP to the Dominican Republic as well as Mr. Lars Eriksson, Deputy Resident Representative. Mr. Salazar Paredes stated that the Country Programme IPF was in a tight situation, and he thought it would be very difficult to squeeze in any projects at this moment. While taking note of this situation, the mission presented

a general outline of the objectives of the mission which included among others:

- (i) to discuss and provide general advice to the Ministry of Technology in connection with the restructuring and new organization of the Department of Science and Technology (Ms. Ada Florentino de Llinás, Director of Department of Science and Technology) and its future programmes;
- (ii) preparatory discussions on organizing a Seminar/ Workshop on strengthening of national capabilities in the field of development and transfer of technology;
- (iii) to exchange views concerning other possibilities of assistance which UNIDO might be able to provide to the Dominican Republic.

23. It was agreed that the mission would request for an appointment with the Resident Representative on the last day of its stay in Santo Domingo to report about the outcome of the discussions. Unfortunately, due to last minute changes of the meeting schedule, it became impossible to fulfill this commitment. Nevertheless, since Mr. J. Pruin, JPO of UNIDO in Santo Domingo, was accompanying the mission during its entire period of activities, it was agreed that Mr. Pruin would report to Mr. Salazar Paredes of the mission's activities.

#### General Comments

24. With a firm policy of development in line with a market-oriented economic system, the Government has, in the past, taken a very liberal attitude towards direct involvement in the industrial, scientific and technical development in



the country. Various promotional and supportative legislative measures, however, have been and are being enacted to encourage initiatives to be taken by private and public enterprises.

25. There is now a more active and intensive effort of the Government to accelerate the industrial development of the country, particularly through the strengthening of the scientific and technical capabilities in the country. Under the Department of Science and Technology of the Ministry of Technology, there are some 12 committees composed of senior officers, executives and personnel from public and private industries, university and academic circles as well as Government offices. These committees are:

Vertical Subjects

Agro-Industry  
Forestry  
Industry  
Health, Nutrition and  
Pharmaceutical Industry  
Public Development  
Social Development  
Energy  
Policy Planning in Science  
and Technology  
Basic Science (Biology,  
Mathematics)

Horizontal Subjects

Transfer of Technology  
Information System  
Quality Control

It was in this respect that a specific interest was expressed in receiving assistance through a short-term assignment of a Senior Adviser to support the efforts of developing a strategy for technology development policies and programming with the ultimate aim of promoting the economic and industrial development of the country. A small-scale project has already been approved with OAS to undertake a general survey on technology planning for the amount of US\$30,400.

26. One aspect which requires specific attention is the lack of awareness, in general, of the role and the effect of

technology development and its interlinks to overall economic and industrial development. It was for this reason that the main emphasis of the mission's work was focused on the organization of a Seminar/Workshop. It was also recognized that such consciousness should be stimulated not only at the working levels in Government or private and public enterprises, but also at the top-level decision-makers, level. For this reason, it was agreed that the Seminar/Workshop should be divided into two separate courses, one at the ministerial and executive level, and the second, for a longer period (5 days) at the practitioners' level.

27. The mission felt that perhaps stimulated by the discussions and outcome of the UNCSTD in August 1979 in Vienna, there is at present a very keen interest and strong drive to take practical and effective measures towards developing the national technical capabilities in the country. Although still quite under-staffed for the foreseen tasks, the senior officers at the Ministry of Technology and the Central Bank have demonstrated their very serious attitude towards achieving positive goals. With the present situation and future prospects for energy as well as foreign trade and the general economic situation on a world-wide basis, there is a definite need to strengthen the various capabilities at the national level in order to cope with the negative elements which the country is and will have to be facing in the future.

SCHEDULE OF MEETINGS DURING VISIT OF MR. WILLIAM H. TANAKA TO THE DOMINICAN REPUBLIC

12 - 18 December 1979

12 December 1979 (Wednesday)

- 5.00 p.m. - Arrival of Mr. Tanaka at Aeropuerto Internacional de las Américas.
- 8.00 p.m. - Preparatory meeting with Mr. Luis A. Canelo Bueno, Executive Secretary, Direction of Foreign Investment, Central Bank of the Dominican Republic; Ms. Ada Florentino de Llinás, Director of Department of Science and Technology, Ministry of Technology; Mr. Luis Felipe Méndez Collado, Director of International Technical Co-operation Department, Ministry of Technology.

13 December 1979 (Thursday)

- 8.00 a.m. - Meeting with Mr. Fernando Salazar Paredes, Resident Representative of UNDP in the Dominican Republic.
- 9.00 a.m. - Meeting with Mr. Pedro Julio Bona Pandi, Deputy Minister, Ministry of Technology.
- 10.30 a.m. - Meeting with Dr. César Ramírez, General Manager of the Central Bank of the Dominican Republic.
- 11.30 a.m. - Visit to INDOTEC  
- Mr. Juan Luis Marte Marion, Director of INDOTEC.
- 1.00 p.m. - Meeting with Mr. Pedro Julio Bona Pandi, Deputy Minister, Ministry of Technology.
- 4.00 p.m. - Meeting with Mr. Manuel Tavares Espailat, Minister of Industry and Commerce.

14 December 1979 (Friday)

- 8.30 a.m. - Meeting with Ms. Ada Florentino de Llinás, Director of Department of Science and Technology, Ministry of Technology.
- 10.30 a.m. - Meeting with Mr. José Manuel Armenteros, President of the Association of Industries of the Dominican Republic.
- 12.00 a.m. - Meeting with Mr. Luis A. Canelo Bueno, Executive Secretary, Direction of Foreign Investment, Central Bank of the Dominican Republic.
- 3.00 p.m. - Meeting with Deputy Secretary General of the Industrial Promotion Corporation of the Dominican Republic.

15 December 1979 (Saturday)

- Visit to La Romana industrial free zone, La Romana; Meeting with Mr. Campas S. De Moya, Vice President.
- 8.00 p.m. - Meeting with Mr. Romeo A. Llinas, Director-General for Minerals, Ministry of Industry and Commerce.

17 December 1979 (Monday)

- 8.30 a.m. - Working meeting with Central Bank and Ministry of Technology.
- 11.00 a.m. - Meeting with Mr. Jose Del Carmen Ariza, President of Cartonera Dominicana (Carton factory) and member of Junta Monetaria.
- 2.00 p.m. - Working meeting with Central Bank and Ministry of Technology.

18 December 1979 (Tuesday)

- 8.00 a.m. - Working meeting with the Ministry of Technology.
- 12.00 a.m. - Departure from Aeropuerto Internacional de las Américas.

PROJECT CONCEPT

Project Title: Seminar/Workshop on Strengthening of National Capabilities in the Field of Development and Transfer of Technology

Country: Dominican Republic

Background and Purpose:

The main purpose of the programme is to upgrade and develop the national capabilities in technology transfer with specific focus on the strengthening of the institutional and manpower capacities and capabilities for the identification, selection, negotiation, acquisition, adaptation, application and development of technologies appropriate to the national objectives and the acceleration of the industrialization process. The Programme will be implemented through the organization of a one-week Seminar/Workshop for Government officials as well as leading personalities in the public and private industrial sectors of the country. The basic concept of technology development and transfer and its interlinkage to other inputs required to be considered will be analysed, and assessed within the framework of activities required at the national level. Necessary consideration will also be given to possibilities of co-operation on subregional, regional and international levels.

Apart from this Seminar/Workshop, a one-day Seminar will be organized for top Government officials and business executives to discuss matters at the policy-making and policy decision levels in the field of technology transfer, in particular its interrelationship to national economic and industrial development.

Top-level international experts and UNIDO staff will carry out the programme, which will be designed and tailored to meet the exact needs and demands of the Dominican Republic.

The Seminar/Workshop should be so formulated as to enable an active participation of the participants in the discussions. In other words, the presentation should be more oriented towards pin-pointing problem issues, which could then be discussed by the participants with the aim of developing a model solution suiting

the circumstances in the country. It would therefore be important that the presentations be so formulated that general theories can be applied to practical implementation.

It is foreseen that following the Seminar/Workshop, a range of areas/programmes/projects would emerge, which would be implemented with or without foreign assistance by the United Nations and other bi- and/or multilateral organizations.

Financial Implications:

UNIDO will cover the cost required for providing the top level experts and UNIDO staff, i.e. travel and subsistence.

The Government of the Dominican Republic will bear all local costs including renting of a meeting hall, secretarial services and other direct or indirect meeting expenses, as well as all costs for local participants.

TENTATIVE SCHEDULE OF SEMINAR/WORKSHOP ON STRENGTHENING OF NATIONAL CAPABILITIES IN THE FIELD OF DEVELOPMENT AND TRANSFER OF TECHNOLOGY

24-28 March 1980, Central Bank Auditorium, Santo Domingo.

Organized jointly by:

- Secretariado Técnico de la Presidencia.
- Banco Central de la República Dominicana.
- United Nations Industrial Development Organization (UNIDO).

24 March 1980 (Monday)

8.00 a.m. - 9.00 a.m.	- Registration of participants
9.00 a.m. - 9.30 a.m.	- Opening ceremony
	Messages: Governor, Banco Central Secretario de Industria y Comercio Executive Director, UNIDO Resident Representative, UNDP
9.30 a.m. - 10.15 a.m.	Opening: Secretario Técnico de la Presidencia
	- (Keynote speech) "National technological capabilities and self-reliance"
10.15 a.m.	- Coffee Break
10.30 a.m. - 11.20 a.m.	- "Technology transfer: Phases and modalities"
11.20 a.m. - 12.00 a.m.	- Organizing of working groups
12.00 a.m.	- Lunch break
2.00 p.m. - 3.00 p.m.	- "Technology policies and planning: A framework for promotion industrial development"
3.00 p.m.	- Coffee break
3.20 p.m. - 4.30 p.m.	- Working group discussions
4.30 p.m. - 5.30 p.m.	- General discussions (Plenary)

25 March 1980 (Tuesday)

9.00 a.m. - 9.45 a.m.	- "Technology Acquisition: Basic licensing course"
9.45 a.m. - 10.30 a.m.	- "Technology agreements: Joint venture agreements, consultancy and managerial agreements"
10.30 a.m.	- Coffee break
10.45 a.m. - 11.15 a.m.	- Introduction to case study (Plenary)
11.15 a.m. - 12.15 p.m.	- Case study and simulated negotiations (Working groups)
12.15 p.m.	- Lunch break
2.00 p.m. - 5.00 p.m.	- Case study and simulated negotiations (continued)
5.00 p.m. - 5.30 p.m.	- Evaluation of case studies (Plenary)

26 March 1980 (Wednesday)

9.00 a.m. - 12.00 a.m.	- "National technological information services and regional and global network linkages"
10.30 a.m.	- Coffee break
12.00 a.m.	- Lunch break
2.00 p.m. - 4.00 p.m.	- "Technological Information Exchange System (TIES), Technological Advisory Services (TAS) and Governmental Regulatory Offices"
4.00 p.m.	- Coffee break
4.15 p.m. - 5.00 p.m.	- Working group discussions
5.00 p.m. - 5.30 p.m.	- General discussions (Plenary)

27 March 1980 (Thursday)

- 9.00 a.m. - 9.45 a.m. - "Technological capacities: Industrial infrastructure requirements"
- 9.45 a.m. - 10.30 a.m. - "Technological capabilities: Training requirements for human resources development"
- 10.30 a.m. - Coffee break
- 10.45 a.m. - 12.00 a.m. - "Appropriate technology: Alternatives and choice of technology"
- 12.00 a.m. - Lunch break
- 2.00 p.m. - 2.45 p.m. - "Role of and R + D in national technological capabilities and self-reliance"
- 2.45 p.m. - 3.30 p.m. - "Technological Services for Industry: Technological Services Delivery System (TSDS)"
- 3.30 p.m. - Coffee break
- 3.45 p.m. - 4.45 p.m. - Working group discussions
- 4.45 p.m. - 5.30 p.m. - General discussions (Plenary)

28 March 1980 (Friday)

- 9.00 a.m. - 10.00 a.m. - "Impact of technology transfer on the national economic development as a whole and public and private enterprises"
  - 10.00 a.m. - Coffee break
  - 10.15 a.m. - 12.00 a.m. - "The state of the art of science and technology in the Dominican Republic"
  - 12.00 a.m. - Lunch break
  - 2.00 p.m. - 2.45 p.m. - "Assistance by United Nations and UNIDO including follow-up action on UNCSTD, UNIDO III, etc."
  - 2.45 p.m. - 3.45 p.m. - General assessment
  - 3.45 p.m. - 4.30 p.m. - Closing ceremony
- Review: The President, Association of Industries of the Dominican Republic.  
Representatives of UNIDO.
- Closing: The Governor, Banco Central de la República Dominicana.



TENTATIVE SCHEDULE OF  
ONE-DAY SEMINAR FOR TOP GOVERNMENT OFFICIALS AND BUSINESS  
EXECUTIVES FOR STRENGTHENING OF NATIONAL CAPABILITIES IN  
THE FIELD OF DEVELOPMENT AND TRANSFER OF TECHNOLOGY

22 March 1980, Hotel Villas del Mar, Santo Domingo

Organized jointly by:

- Secretariado Técnico de la Presidencia
- Banco Central de la República Dominicana
- United Nations Industrial Development Organization (UNIDO)

22 March 1980 (Saturday)

9.30 a.m.	- Registration
10.00 a.m. - 11.00 a.m.	- Impact of transfer of technology on the national economy as a whole and public and private enterprises
11.00 a.m.	- Coffee break
11.15 a.m. - 12.15 a.m.	- Government policy measures required to promote and encourage entrepreneurship on basis of technology development and transfer, including decision-making process in selection of available technology alternatives
12.15 p.m.	- Lunch break
2.30 p.m. - 3.30 p.m.	- Management, financing and marketing issues of technology transfer, development and acquisition

ONE-DAY SEMINAR  
TENTATIVE LIST OF  
PARTICIPANTS

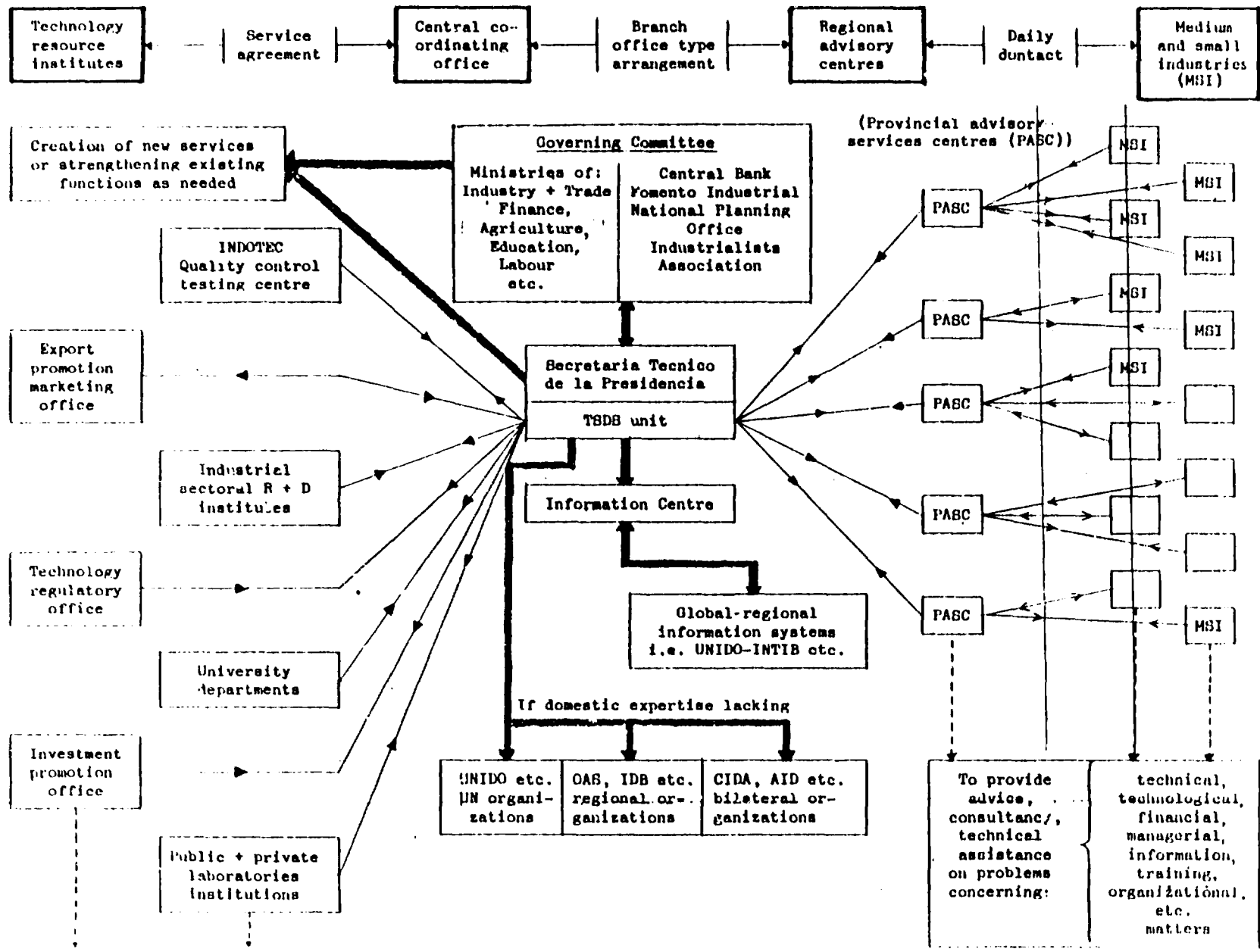
1. Governor of the Central Bank
2. Manager of the Central Bank
3. Secretary of State for Finance
4. Under-Secretary of State for Finance
5. Secretary of State for Industry and Commerce
6. Under-Secretary of State for Industry and Commerce
7. The Technical Secretary of the President
8. The Technical Under-Secretary of the President
9. The Executive Director of CECOCPEX
10. The Director of the Planning Office
11. The Director of the Corporación de Fomento Industrial
12. The Economic Adviser of the President
13. The Director of the Mining Office

Top Level representatives of:

- a) The Association of Industries of the Dominican Republic
- b) The Official Chamber of Commerce, Agriculture and Industry of the National District
- c) The Dominican Association of Farmers
- d) The National Council of Businessmen
- e) The American Chamber of Commerce

- About 10 representatives of the private sector

No more than 30 participants are expected; 15 from the public sector and 15 from the private sector.



TECHNOLOGICAL SERVICES DELIVERY SYSTEM (TSDS)

13 December 1979

