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PROGRAMME BUDGET FOR THE BIENNIUM 1980-1981

Revised estimates: section 5B. Centre for Science
and Technology for Development

I. INTRODUCTION

5B.1. At the thirty-fourth session of the General Assembly, in the context of his statement 1/ of administrative and financial implications arising from the draft resolution 2/ then before the General Assembly in document A/C.2/34/L.122, the Secretary-General indicated his intention to report to the Assembly at its thirty-fifth session on the establishment of the Centre for Science and Technology for Development and to make such appropriate proposals in the light of developments, particularly the first two meetings of the Intergovernmental Committee.

5B.2. The Advisory Committee on Administrative and Budgetary Questions, in its report 3/ on the Secretary-General's statement recommended that, except for the request for established posts (1 ASG, 1 G-5 and 1 G-4), consideration of financial implications should be restricted to requirements in 1980. Requirements for 1981 would be considered by the General Assembly at its thirty-fifth session.

5B.3. The reasons leading to the need for this phased approach were twofold. Requirements arising in respect of intergovernmental arrangements following the establishment of the new Intergovernmental Committee for Science and Technology for Development and its proposed subsidiaries were not then known due to a number of imponderables remaining as to length, periodicity, and documentation requirements of the various meetings required. Additionally and, more importantly,

1/ See A/C.5/34/101.

2/ Entitled "United Nations Conference on Science and Technology for Development" and later adopted on 19 December 1979 as resolution 34/218.

3/ A/34/7/Add.28.

the extent of the additional requirements of the Centre was then unclear due to the absence of a detailed work programme ^{4/} and uncertainties existed as to the level of existing resources which could be released from the Office for Science and Technology, which the Assembly by resolution 34/218 decided to abolish, redeploying "immediately most of its posts and budgetary resources" (sect. III, para. 6). By the same paragraph the Assembly further decided that the proposed Intergovernmental Committee for Science and Technology for Development "should determine at the earliest possible time whether such resources should be strengthened".

5B.4. In the interim, a number of the uncertainties have been resolved. The new Intergovernmental Committee has held two sessions and adopted a number of resolutions and decisions concerning intergovernmental machinery for science and technology for development, the Centre, and its work programme. In particular the Intergovernmental Committee reviewed and noted at its second session a note by the Secretary-General in document A/CN.11/9 concerning resource requirements of the Centre. The Intergovernmental Committee also established an advisory mechanism for the Intergovernmental Committee (resolution 7 (II)) and elected an Intergovernmental Group of Experts on the United Nations Financing System for Science and Technology for Development (decision 2 (II)).

5B.5. The Committee for Programme and Co-ordination at its twentieth session in May and June of this year reviewed the proposed revisions of the medium-term plan for 1980-1983. However, the Committee was meeting concurrently with the Intergovernmental Committee at its second session and for this reason was informed that it was not possible to present at that time any adequate proposals for a revised medium-term plan under the major programme for science and technology for development. ^{5/} The Secretary-General is now in a position to formulate his proposals for a revised medium-term plan for the period 1980-1983 for science and technology for development to reflect, *inter alia*, the resolutions and decisions adopted by the second session of the Intergovernmental Committee. The format utilized separates objectives for intergovernmental action from objectives for Secretariat action and to the extent possible the Secretariat objectives are concrete and time-limited. This new format is in conformity with the recommendations of the Committee for Programme and Co-ordination of its report on its twentieth session. ^{6/} While the Secretary-General's proposals in respect of this revised medium-term plan have yet to be presented for the approval of the Committee, they had been utilized as a basic framework within which to formulate programme budget proposals for 1981 for the Centre and therefore are attached for purposes of information as annex I to this report. It is the intention of the Secretary-General to present these proposed revisions to the medium-term plan to the Committee at its twenty-first session when it will be considering the proposed programme budget for the biennium 1982-1983 of the Centre.

^{4/} The medium-term plan for science and technology for the period 1980-1983 also required extensive rewriting to reflect the requirements of the new Vienna Programme of Work.

^{5/} A/35/38, para. 288.

^{6/} *Ibid.*, para. 335.

5B.6. The balance of this document consists of two further parts and 4 annexes. Part II provides a statement of programme budget requirements in respect of the programme proposals of the Centre in 1981. Part III elaborates on the resource requirements arising from the programme proposals. It also proposes a revised level of appropriation for section 5B after consolidation of certain resources presently appropriated under sections 4 and 6. This revised level of appropriation requested also takes into account experience gained in the implementation of section 5B of the budget during 1980. Associated requirements arising under sections 28 (general services), 29 (conference services) and section 31 (staff assessment) are also specified. As indicated above in paragraph 5B.5, annex I contains a proposed revised text for the medium-term plan. Annex II gives a provisional outline of the organizational structure proposed for the new Centre while annex III summarizes the job descriptions of each of the professional and higher level posts proposed for the Centre. Annex IV details meeting servicing cost estimates.

II. PROPOSED PROGRAMME BUDGET OF THE UNITED NATIONS CENTRE
FOR SCIENCE AND TECHNOLOGY FOR DEVELOPMENT FOR 1981

Programme: Science and Technology for Development

Centre for Science and Technology for Development

Table 1

STAFF RESOURCES AVAILABLE (1980) AND PROPOSED (1981) FOR THE
CENTRE FOR SCIENCE AND TECHNOLOGY FOR DEVELOPMENT

Category and level of posts	Regular budget			
	1980		1981	
	Section 5B	Section 6	Section 5B	Section 5B
Professional category and above	T <u>a/</u>	EP <u>b/</u>	EP <u>b/</u>	EP <u>b/</u>
USG	-	-	-	-
ASG	-	-	1	1
D-2	1	1	-	2
D-1	1	1	-	3
P-5	2	3	-	4
P-4	2	1	-	3
P-3	1	1	-	2
P-2/1	-	2	-	2
Total	7	9	1	17
General Service category				
Principal level	1	1	1	3
Other levels	5	6	1	12
Total	6	7	2	15
Grand total	13	16	3	32

a/ T Indicates posts funded from temporary assistance resources.

b/ EP Indicates established posts.

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Table 2

CENTRE FOR SCIENCE AND TECHNOLOGY FOR DEVELOPMENT

RESOURCE REQUIREMENTS UNDER SECTION 5B

Major object of expenditure	1981 requirements \$
Established posts	830,300
General temporary assistance	400
Consultants	145,200
Overtime	600
<u>Ad hoc</u> expert groups	90,000
Common staff costs	265,500
Representation allowance	4,200
Travel of representatives	270,400
Travel of staff to meetings	42,600
Other official travel of staff	63,100
Hospitality	100
Grants and contributions	40,600
Total	1,753,000

General background

5B.7. The Secretariat unit responsible for this programme is the United Nations Centre for Science and Technology for Development established by the Secretary-General as a new, organizationally distinct entity within the United Nations Secretariat, in response to a request by the General Assembly contained in resolution 34/218, section III, paragraph 1.

5B.8. The work of the Centre is reviewed by the Intergovernmental Committee on Science and Technology for Development as per the mandate given by General Assembly resolution 34/218. Details of intergovernmental arrangements are given below in A (paras. 5B.11 through 5B.16).

5B.9. The Centre assists the Director-General in fulfilling the responsibilities assigned to him in the Vienna Programme of Action, particularly in providing the

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necessary substantive support to the Intergovernmental Committee, and in co-ordinating activities at the Secretariat level related to science and technology within the United Nations system (General Assembly resolution 34/218, sect. III, para. 3). In performing these responsibilities, the Centre maintains close co-operation with all the relevant entities of the United Nations system.

5B.10. The programme of work of the Centre for 1981, formulated within the framework of the proposed revised medium-term plan for the period 1981-1983, contains four subprogrammes. Their programme elements and related outputs as planned for 1981 are described under C below. Activities under Executive Direction and Management and under Administration and Common Services are described in B and D below.

A. Policy-making organs

Table 3

RESOURCE REQUIREMENTS UNDER SECTION 5B: POLICY-MAKING ORGANS

Major object of expenditure	1981 requirements \$
Travel of representatives	270,400
Travel of staff to official meetings	42,600
Total	313,000

A. Policy-making organs

5B.11. The Intergovernmental Committee on Science and Technology for Development is a subsidiary body of the General Assembly which established it under its resolution 34/218 (sect. II, para. 1). It is a Committee of the whole and is normally to meet once a year and submit its report and recommendations to the General Assembly through the Economic and Social Council.

5B.12. The Intergovernmental Committee, at its second session, by its resolution 7 (II), pursuant to General Assembly resolution 34/218, section II, paragraph 8, established an advisory body on science and technology for development and also recommended to the Economic and Social Council that the Advisory Committee on the Application of Science and Technology to Development should be discontinued. The Economic and Social Council at its second regular session in 1980 adopted the recommendation. 7/ The new advisory body is a subsidiary body of the Intergovernmental Committee and is composed of 28 members to be appointed by the

7/ By Economic and Social Council resolution 1980/46.

Intergovernmental Committee for Science and Technology for Development on the nomination by the Secretary-General after consultation with Governments. By the terms of reference outlined in the annex to the Intergovernmental Committee resolution 7 (II), the budget of the advisory body will cover only the travel expenses and subsistence allowance of its members and of the secretariat staff for annual sessions of the body and meetings of its working groups. Members would serve on the advisory body on an unpaid basis. The advisory body will normally meet once a year and its first meeting is expected to be convened in 1981. By paragraph 1 (d) (ii) of the annex to Intergovernmental Committee resolution 7 (II) it is indicated that the advisory body should have access to the advice of ad hoc panels drawn from a roster of specialists in all the necessary disciplines, established by the advisory body as necessary, some of whose members should be drawn from the membership of that body. It is presumed that those ad hoc panels will operate on a pattern not dissimilar to the ad hoc working groups of the former Advisory Committee on the Application of Science and Technology to Development (ACAST).

5B.13. A separate and different intergovernmental group of experts on long-term arrangements for the financing system established by Intergovernmental Committee decision 2 (II), taken pursuant to the provisions of paragraph 8 (b) of section VI of General Assembly resolution 34/218. The group is composed of 27 elected members and is required to submit its final report in 1981 to the Intergovernmental Committee for its consideration so the latter may make, through the Economic and Social Council, appropriate recommendations to the General Assembly at its thirty-sixth session. It has convened two meetings in 1980 and is due to convene a further two in 1981.

Resource requirements for 1981

Travel

5B.14. Provision for travel of staff from the five regional commissions will be required on the pattern previously existing in respect of the former Committee on Science and Technology for Development. In this connexion, it is recalled that by General Assembly resolution 34/218, section II, paragraph 11, the regional commissions, among others, were invited to participate actively in the work of the Committee at a high level, preferably at the level of heads of secretariat. As the fourth session of the Intergovernmental Committee is expected to meet initially for two weeks with a one-week resumed session in August, provision will be required for two separate missions to New York from each of the seats of the regional commissions. Costs of travel and per diem for these are estimated at \$26,600 under section 5B of the programme budget. Meeting servicing costs will also arise as while it was possible to absorb 1980 meeting servicing costs for the Intergovernmental Committee against existing provisions originally programmed for servicing the former Committee on Science and Technology for Development, no such resources remain available for 1981 since, unlike the Intergovernmental Committee, the former Committee used to meet only once in a biennium. Estimated requirements on a full cost basis would amount to \$546,300 as detailed in annex IV. As these requirements would fall under section 29 of the programme

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budget, no request for an appropriation of this amount is being made at this time but rather the request will be incorporated within the consolidated statement of conference servicing requirements to be presented towards the end of the current session of the General Assembly.

5B.15. Requirements arising in respect of the new advisory body as successor to the former Advisory Committee on the Application of Science and Technology to Development are difficult to forecast at this stage as the new body has yet to meet and the exact pattern of its own subsidiaries' requirements is yet to be established. However, on the assumption that it will meet for a period of two weeks in New York in 1981, it is estimated that costs will be very similar to those provided for under section 4, A.8, of the 1980-1981 programme budget, subject to the proviso that resources will not be required for the travel of three staff to service the meeting in Geneva as the new body would normally be expected to meet in New York. For this reason, it is estimated that requirements for travel of staff to meetings would amount to \$16,000 under section 5B rather than the amount of \$19,300 presently appropriated for similar purposes under section 4, A.8. The cost of travel of representatives to the new advisory body is estimated to be at basically the same level as for each of the meetings of the former Advisory Committee for which an appropriation was made of \$125,000 under section 4, A.8. This provision was for a single meeting of the Advisory Committee and each of its subsidiaries per biennium. On a full biennial basis, this figure of requirements would amount to \$250,000 as the new subsidiary body is mandated to meet once a year, rather than once a biennium as was the case of its predecessor. Conference servicing costs for the new body are expected to be virtually identical to those arising for each of the former meetings of the Advisory Committee. Bearing in mind that the provisions included in section 29 of the programme budget for the biennium 1980-1981 have not been utilized thus far, it is anticipated that such costs as may arise in 1981 may be accommodated within existing resources.

5B.16. Meeting servicing requirements for this intergovernmental group of experts were provided for in the context of the Secretary-General's statement of administrative and financial implications presented to the thirty-fourth session prior to the adoption of resolution 34/218. The costs of travel and attendance of members of the expert group were then estimated to amount to \$275,200 in respect of four proposed meetings. It will be recalled that the Advisory Committee for Administrative and Budgetary Questions recommended, in paragraph 10 of its report, 8/ and the Fifth Committee agreed, that the General Assembly approve \$135,000 for travel of representatives in 1980 and that requirements for 1981 be considered at the thirty-fifth session of the General Assembly. Experience gained in 1980 concerning the pattern of actual travel requirements arising leads to the conclusion that 1981 costs might be more accurately estimated at \$146,000 than at the level of \$140,200 originally foreseen for 1981. The costs would be of a non-recurrent nature only as the intergovernmental group of experts is due to fulfil its mandate in 1981.

8/ A/34/7/Add.28.

B. Executive direction and managementTable 4

STAFF RESOURCES AVAILABLE (1980) AND PROPOSED (1981) FOR THE
CENTRE FOR SCIENCE AND TECHNOLOGY FOR DEVELOPMENT

Category and level of posts	Regular budget section 5B		
	1980		1981
Professional category and above	T <u>a/</u>	EP <u>b/</u>	EP <u>b/</u>
USG	-	-	-
ASG	-	1	1
D-2	-	-	-
D-1	-	-	-
P-5	-	-	-
P-4	1	-	1
P-3	-	-	-
P-2/1	-	-	-
Total	1	1	2
General Service category			
Principal level	-	1	1
Other levels	-	1	1
Total	-	2	2
Grand total	1	3	4

a/ T Indicates posts funded from temporary assistance resources.

b/ EP Indicates established posts.

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Table 5

RESOURCE REQUIREMENTS UNDER SECTION 5B: EXECUTIVE
DIRECTION AND MANAGEMENT

Main object of expenditure	Section 5B 1981 requirements \$
Established posts	84,400
Common staff costs	27,000
Representation allowance	3,000
Other official travel of staff	15,200
Total section 5B	129,600

B. Executive direction and management

5B.17. The Centre is headed by an Executive Director at the level of Assistant Secretary-General. The Executive Director is assisted by a Special Assistant at the P-4 level and by two General Service level staff, one of whom is graded at the Principal level and the second at the other level.

Resource requirements 1981

Established post-related requirements

5B.18. The existing established posts of one ASG as Executive Director of the Centre assisted by one G-5 and one G-4 were approved for the whole biennium 1980-1981. One temporary assistance P-4 post for the purpose of providing a Special Assistant to the Executive Director is requested for establishment on a permanent basis. A job description for the function appears in post number 2 in annex III of this document. The salary costs in 1981 calculated at standard rates would amount to \$34,400 and the related common staff costs would be \$11,000, both to be funded under section 5B. Associated common services costs for 1981 would amount to \$3,500 to be funded under section 28.

Travel of staff

5B.19. Official missions planned for the Executive Director to consult with Governments in Europe, Asia, Africa and South America are estimated to require a provision of \$15,200. Each mission is planned for a period of 14 days in each region and it is hoped to undertake these missions in conjunction with other travels so as to minimize transportation costs.

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C. Programme of activity

Table 6

STAFF RESOURCES AVAILABLE (1980) AND PROPOSED (1981) FOR THE
CENTRE FOR SCIENCE AND TECHNOLOGY FOR DEVELOPMENT

Programme: Science and technology for development

Category and level of posts	Regular budget		
	1980		1981
	Section 5B	Section 5	Section 5B
Professional category and above	T <u>a/</u>	EP <u>b/</u>	EP <u>b/</u>
USG	-	-	-
ASG	-	-	-
D-2	1	1	2
D-1	1	1	3
P-5	2	3	4
P-4	1	1	2
P-3	1	1	2
P-2/1	-	2	2
Total	6	9	15
General Service category			
Principal level	1	1	2
Other levels	5	6	11
Total	6	7	13
Grand total	12	16	28

a/ T Indicates posts funded from temporary assistance resources.

b/ EP Indicates those established posts of the former Office for Science and Technology which are proposed for transfer retroactive to 1 January 1980.

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Table 7

RESOURCE REQUIREMENTS UNDER SECTION 5B: PROGRAMMES OF ACTIVITY

Major object of expenditure	Section 5B 1981 requirements \$
Established posts	745,900
General temporary assistance	-
Consultants	145,200
<u>Ad hoc</u> expert groups	90,000
Common staff costs	238,500
Representation allowance	1,200
Other official travel of staff	47,900
Grants and contributions	40,600
Total	1,309,300

C. Programme of activity5B.20. Subprogramme 1: Policy, analysis and research

- (a) Resource requirement
\$501,200 (38.3 per cent of programme total)
- (b) Reference medium-term plan for the period 1980-1983
(Paras. 4-6 of annex I)
- (c) Programme elements:

1.1 Vienna Programme of Action, policy directives

Output: Reports on an operational plan for the Vienna Programme of Action to the Intergovernmental Committee at its third session, encompassing the following areas: science and technology policy, science and technology infrastructures, choice, acquisition and transfer of technology, development of human resources, scientific and technological information, research and development, and co-operation among developing countries in science and technology.

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1.2 Preparation of policy reports on science and technology for the General Assembly

Output: Report to the General Assembly at its thirty-sixth session on the establishment of an international labour compensatory facility.

1.3 Identification and assessment of new scientific and technological developments which may adversely affect the development process

Output: Report identifying and assessing new scientific and technological developments which may adversely affect the development process. Progress report to be submitted to the Intergovernmental Committee at its third session. Final draft to be submitted to the Intergovernmental Committee at its following session.

1.4 Analysis of common goals and objectives to which science and technology can be applied to the development process

Output: Report on an analysis of the common goals and objectives to which science and technology can be applied to the development process. Progress reports to be submitted to the Intergovernmental Committee at its third session. Final report to be submitted to the Committee at subsequent sessions.

1.5 Analysis of the levels of attainment of scientific and technological development among different countries

Output: Report on the levels of attainment of scientific and technological development among different countries to be submitted to the Intergovernmental Committee at its third session.

1.6 Support to the Advisory Body for Science and Technology for Development

Output: Support for the Advisory Body at its first session to be convened in March 1981 and preparation of reports and analysis required by this Body to be submitted at its second meeting in 1982.

Subprogramme 2: Co-ordination, monitoring and review of the activities of the United Nations system on science and technology for development

- (a) Resource requirement
\$374,200 (28.6 per cent of programme total)
- (b) Reference medium-term plan
(Paras. 6-7 of annex I)

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(c) Programme elements:

2.1 Harmonization of policies of the United Nations system in the area of science and technology for development

Output: Preparation of a report to the Intergovernmental Committee at its third session on the monitoring and evaluation of the policies and programmes of the United Nations organizations in the area of science and technology for development, in particular, in connexion with paragraphs 90 to 99 and 104 to 108 of the Vienna Programme of Action. This report is the first of a series of reports which have to be submitted annually to the Intergovernmental Committee.

The Centre will assist in the preparation of a report on the system-wide efficiency study of the United Nations system currently being prepared by the Programme Planning and Co-ordination Office, to be submitted to the Intergovernmental Committee at its third session.

2.2 Co-ordinating United Nations programmes sponsored in response to the operational plan

Output: The Centre will co-ordinate the review and monitoring of the United Nations programmes in science and technology for development sponsored in response to the operational plan. Progress report on this activity will be submitted to the Intergovernmental Committee at its third session. It is expected that a draft report will be submitted to the Intergovernmental Committee at following sessions.

2.3 Support to the Task Force of the Advisory Committee on Co-ordination

Output: Support to the Task Force of the Administrative Committee on Co-ordination on Science and Technology for Development.

2.4 Support to the Intergovernmental Committee on Science and Technology for Development

Output: Support to the Intergovernmental Committee on Science and Technology for Development.

2.5 Activities related to the issues left unresolved at the United Nations Conference on Science and Technology for Development

Output: Progress report on the status of the unresolved issues to be presented to the Intergovernmental Committee at a session to be convened in 1981 for this purpose. Final report to be submitted to the Intergovernmental Committee at a following session.

Subprogramme 3: Short- and long-term financial arrangements for science and technology for development: monitoring and review

- (a) Resource requirement
\$186,000 (14.2 per cent of programme total)
- (b) Reference medium-term plan
(Paras. 8-9 of annex I)
- (c) Programme elements:

3.1 Assist the Intergovernmental Committee in the provision of directives and policy-making guidance to the United Nations financing system

Output: Report on an operational plan for financing science and technology for development to be submitted to the Intergovernmental Committee at its third session. Subsequent to the review of this report by the Intergovernmental Committee, it is expected that follow-up reports will be required.

3.2 Promotion of the optimum mobilization of resources to enable the United Nations system to carry out the Vienna Programme of Action

Output: Progress report to be submitted to the Intergovernmental Committee at its third session on resources allocated by the United Nations system for science and technology for development programmes. Report to be submitted to the Intergovernmental Committee at following meetings.

3.3 Support to the Intergovernmental Group of Experts on the Financing System

Output: Assistance in the preparation of reports to the third and fourth meetings of the Intergovernmental Group of Experts, including background documents and specific reports connected with the design of the Financing System. In addition, the Centre also assists in servicing the meeting.

3.4 Close and continuous relationship with the Interim Fund

The Centre will assist the Intergovernmental Committee in the provision of policy guidance to the Interim Fund on Science and Technology for Development on activities and, inter alia, will be involved in the review of the operation of the Interim Fund.

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Subprogramme 4: National and regional activities related to the implementation of the Vienna Programme of Action

- (a) Resource requirement
\$247,900 (18.9 per cent of programme total)
- (b) Reference medium-term plan
(Paras. 9-10 of annex I)
- (c) Programme elements:

4.1 Network of focal points

Output: Reactivation of the focal points, interchange of information to and from the focal points in all areas concerning the Vienna Programme of Action.

4.2 Liaison and monitoring of contributions by the scientific community and other non-governmental organizations to science and technology for development

During 1981 the Centre will survey existing institutions currently engaged in work on science and technology for development, analyse and evaluate their contributions and begin preparation of a report to the Intergovernmental Committee at its fourth session.

4.3 Newsletter

Output: Publication and circulation of a bi-annual newsletter on science and technology for development.

Resource requirements 1981

Professional staff resources

5B.21. 180 work months of Professional services together with an equal complement of General Service support services will be required to complete the work programme outlined above. It is proposed that 9 existing established posts at the Professional and higher levels, together with 7 General Service established posts be deployed from the former Office for Science and Technology (section 6) to this programme to assist in undertaking the work programme. Additionally, 6 Professional and 6 General Service posts which are financed in 1980 from temporary assistance funds are proposed for conversion to an established basis as of 1 January 1981 at an estimated cost of \$429,900. Job descriptions for all these Professional and higher level posts appear in annex III of this document as posts 3 through 17.

Consultants

5B.22. The estimated requirements under this heading (\$145,200) are described below:

<u>Programme element number</u>	<u>Description of task</u>	<u>\$</u>
1.1	To provide expert advice to the Centre on key issues which need to be included and extensively analysed in each of the seven areas of the Operational Plan for the Vienna Programme of Action. The Operational Plan is presently being prepared by the Secretariat of the Centre for submission to the third session of the IGC. The Plan encompasses the following areas: (i) science and technology policy; (ii) science and technology infrastructure; (iii) choice, acquisition and transfer of technology; (iv) development of human resources; (v) scientific and technological information; (vi) research and development; (vii) co-operation among developing countries in science and technology	35,000
1.2	Provision of expert advice in the identification and evaluation of the main issues to be analysed by the staff of the Secretariat in connexion with the preparation of a report on the establishment of a national labour compensatory facility	5,000
1.3	Provision of expert advice to assist the Secretariat in identifying new scientific and technological developments which need to be researched, monitored and analysed in connexion with the provision of reports on scientific and technological developments which may adversely affect the development process	10,500
1.5	Provision of expert advice to assist the Secretariat in obtaining the data necessary to carry out an analysis on the levels of attainment of scientific and technological development among different countries	7,200
2.1	Collection and analysis of data relevant to the monitoring and evaluation of the policies and programmes of United Nations organizations in the area of science and technology for development and assisting in the preparation of a report on the system-wide efficiency study	21,000

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<u>Programme element number</u>	<u>Description of task</u>	<u>\$</u>
2.5	Assistance in the preparation of a progress report on the status of unresolved issues (i.e. issues unresolved by the 1979 Vienna Conference)	7,000
3.1	Provision of expert advice to assist the Secretariat in identifying and evaluating the experience of bilateral and multilateral organizations in allocating resources for financing science and technology	7,000
3.3	Provision of specialized reports and studies for the Intergovernmental Group of Experts on the Financing System	<u>52,500</u>
		<u>145,200</u>

Ad hoc expert groups

5B.23. The estimated requirements under this heading (\$90,000) relate to programme element 4.1 (\$45,000) concerning the reactivation of the network of focal points and programme element 4.2 (\$45,000) concerning the contribution of the scientific community and other non-governmental organizations to science and technology for development. Both of these activities require that ad hoc expert groups be convened to further the work programme in those areas. In the case of the former, experts would be drawn from certain focal points and in the case of the latter experts would be drawn from the scientific community and non-governmental organizations concerned with science and technology.

Travel of staff

5B.24. The estimated requirements under this heading (\$47,900) are summarized below:

<u>Programme element number</u>	<u>Purpose</u>	<u>\$</u>
1.1	Attendance of one staff member at meeting of the regional commissions for the purpose of consultations with Governments on matters relating to drafting of reports on the operational plan for the Vienna Programme of Action	14,300
1.2	Travel to Geneva and Paris for consultations with ILO, UNCTAD and UNESCO on the international labour compensatory facility	2,600

<u>Programme element number</u>	<u>Purpose</u>	<u>\$</u>
1.3	Participation of one staff member in meetings of ICSU and COSTED for the purpose of preparing report on new scientific and technological developments which may adversely affect the development process	4,700
2.1	Travel of one staff member for meetings of 6 United Nations organizations or specialized agencies to promote harmonization of policies of the United Nations system in the area of science and technology for development. For the same purpose, one staff member would travel to Paris for the least developed countries Conference. Additionally, the Executive Director would undertake one mission to Geneva to attend the meeting of Executive Secretaries and the Economic and Social Council	13,900
2.2	One mission to co-ordinate United Nations programmes sponsored in response to the operational plan (UNIDO, WIPO, ILO and UNCTAD)	2,000
3.1	One mission to regional and development banks and other financial institutions for consultations on the draft operational plan for financing science and technology	5,980
4.2	Missions to be undertaken in conjunction with other travel, for liaison with scientific communities and meetings of scientific bodies	<u>4,480</u>
Total (rounded)		<u>47,900</u>

Grants and contributions

5B.25. A requirement of \$40,600 in respect of the participation of the United Nations in the Sub-Committee on Nutrition of the Administrative Committee on Co-ordination will arise under programme element 23 in section 5B. A part (\$33,500) of this amount has already been appropriated in respect of 1981 under section 6 in the 1980-1981 biennium and the balance in 1981 relates to past underbudgeting for the United Nations share in this jointly financed activity.

D. Administration and common services

Table 8

RESOURCE REQUIREMENTS UNDER SECTION 5B: ADMINISTRATION AND
COMMON SERVICES

Main object of expenditure	Section 5B 1981 requirements \$
General temporary assistance	400
Overtime	600
Hospitality	100
Total	1,100

D. Administration and common services

5B.26. Following the establishment of the Centre by General Assembly resolution 34/218 the functions of administration and common services of the Centre have been assumed by the Executive Office of the Department of Administration, Finance and Management. Ad hoc assistance on a day to day basis is also rendered to the Centre by the Administrative Officer of the secretariat of the United Nations Conference on New and Renewable Sources of Energy. These arrangements will be kept under review to determine their adequacy and the extent to which the additional workload involved may be accommodated within existing resources.

Resource requirements 1981

Overtime

5B.27. Based on the experience gained in the first 10 months of 1980 requirements for the Centre in 1981 are estimated at \$600.

General temporary assistance

5B.28. The estimated 1981 requirement of \$400 is for the coverage of peak workload requirements, as well as the replacement of staff on extended sick and maternity leave.

Hospitality

5B.29. 1981 requirements are estimated at \$100 based on experience gained in 1980 and longer-term experience obtained in other areas of the Secretariat.

III. SUMMARY OF RESOURCE REQUIREMENTS AND APPROPRIATION ADJUSTMENTS PROPOSED

5B.30. The initial appropriations for the 1980-1981 biennium included resources relating to science and technology for development which were carried under three separate sections of the programme budget. These were as follows:

(a) Section 4	\$	\$
- Advisory Committee on Application of Science and Technology to Development		
Travel of representatives	144 300	
Total, programme A.8		144 300
- Committee on Science and Technology for Development		
Travel of staff to official meetings	24 900	
Total, programme A.9		24 900
Total section		169 200
(b) Section 5B - Centre for Science and Technology for Development		
- Executive direction and management		
Established posts	97 400	
Common staff costs	31 200	
Representation allowances	6 000	
Other official travel of staff	24 000	
Total, programme		158 600

Staffing tables distribution

ASG	D-2	D-1	P-5	P-4	P-3	P-2/1	Total Prof.	Princ. level	Other level	Security Service	Local level	Field Service	Manual workers	Total GS
1							1	1	1					2

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Programme of activity	\$	\$
- Science and technology		
General temporary assistance	187 200	
Consultants' fees and travel	70 000	
Common staff costs	54 100	
Travel - rep., mem., and part.	135 000	
Other official travel of staff	14 000	
Fellowships, grants, contributions	800 000	
Total, programme		1 260 300

Staffing tables distribution

(Temporary posts only)

D-2	D-1	P-5	P-4	P-3	P-2/1	Total Prof.	Princ. level	Other level	Total GS
1	1	2	2	1	-	7	1	5	6

(c) Section 6 - Office for Science and Technology (IESA)

	\$	\$
Established posts	1 045 500	
Consultants' fees and travel	75 000	
<u>Ad hoc</u> expert groups	45 000	
Common staff costs	334 600	
Representation allowances	1 200	
Other official travel of staff	30 800	
Fellowships, grants, contributions	67 000	
Total, programme		1 599 100

Staffing tables distribution

D-2	D-1	P-5	P-4	P-3	P-2/1	Total Prof.	Princ. level	Other level	Total GS
1	1	4	2	2	2	12	1	7	8

5B.31 It is recalled that apart from established posts (1 ASG and 2 GS) resources under section 5B were limited to those required for 1980 whereas resources under sections 4 and 6 related to the full biennium. As the former Committee for Science and Technology has been discontinued by the Economic and Social Council

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pursuant to the recommendations made to the Council by the General Assembly under its resolution 34/218, section II, paragraph 1, and as a similar decision has been made in respect of the Advisory Committee on the Application of Science and Technology pursuant to the invitation made to the Economic and Social Council by the Assembly under its resolution 34/218, section II, paragraph 9, it is no longer appropriate that resources be provided for policy-making organs for science and technology for development under section 4 of the programme budget. While the former machinery was subsidiary to the Economic and Social Council the new machinery is subsidiary to the General Assembly. Therefore the Secretary-General proposes that the resources under section 4, A.8 and 4, A.9 amounting to a total of \$169,200 should be transferred to section 5B of the programme budget for any costs, associated with the operation of the new intergovernmental machinery, other than conference servicing costs. Details of those costs are provided in paragraph 5B.14 and annex IV.

5B.32. With respect to the resources appropriated under section 6 of the programme budget, amounting to \$1,559,100, it is recalled that by resolution 34/218, section III, paragraph 5, the General Assembly decided to "allocate all the necessary resources from the United Nations regular budget to the Centre, drawing to the fullest extent possible on resources already existing within the United Nations, and to abolish the Office for Science and Technology, redeploying immediately most of its posts and budgetary resources to the Centre and decides further that the Committee should determine at the earliest possible time whether such resources should be strengthened".

5B.33. At the thirty-fourth session of the General Assembly it was not possible in the short time available towards the close of the session to determine which resources should be redeployed from section 6 to section 5B of the programme budget so as to meet the requirements of paragraph 5 quoted above. However, this matter was subsequently reviewed by the Secretary-General who presented his proposals ^{9/} on the matter to the Intergovernmental Committee at its second session in May. In summary, the proposals recommended the conversion to an established basis of all of the posts funded on a temporary assistance basis in 1980 in section 5B, and the transfer of all the posts of the former Office for Science and Technology to the new Centre with the exception of 3 Professional (1 P-5, 1 P-4 and 1 P-3) and 1 General Service post.

5B.34. The decision to retain 3 Professional and 1 General Service posts in the Department of International Economic and Social Affairs is based on the General Assembly's own stipulation that "most" rather than all of Office for Science and Technology's resources should be redeployed to the Centre. The Secretary-General interprets the language of that decision to reflect the General Assembly's recognition that there are certain functions of a complementary and supporting character, which the Department of International Economic and Social Affairs, within the scope of its responsibilities, needs to perform in the area of science and technology for development. The staff resources to be retained in that Department will provide minimum capacities within the Department to continue to deal with

^{9/} A/CN.11/9.

science and technology policies within the broader framework of economic and social development, and also enable it to reorient its activities in response to the Programme of Action adopted by the Vienna Conference, with particular reference to its functions in the fields of development research and policy analysis, social development and humanitarian affairs, and programme planning and co-ordination. It will be recalled in this connexion that in the report of the Secretary-General to the thirty-fourth session of the General Assembly on the subject of organizational implications of Secretariat support (A/34/587/Add.1), the point had been made that "within the United Nations proper, existing organizational entities, including ... the Department of International Economic and Social Affairs (with particular reference to its functions as outlined in paragraph 61 (a) and (b) of the annex to General Assembly resolution 32/197), will accordingly retain, reorient, or strengthen, as necessary, the sectoral as well as intersectoral capabilities required to enable them to respond effectively to the substantive requirements of the Programme of Action and to promote the application of science and technology in areas coming within their purview".

5B.35. The posts retained by the Department of International Economic and Social Affairs consist of one P-3 attached to the Ocean Economics and Technology Branch, one P-4 attached to the Office for Programme Planning and Co-ordination and one P-5 to be redeployed to the Centre for Social Development and Humanitarian Affairs. ^{10/} Associated resources of \$10,000 of consultancy resources and \$5,000 of official travel have also been retained in the Department under section 6. However, resources of \$300 for overtime and \$300 for temporary assistance, not directly budgeted under the Office for Science and Technology, but attributable to it from the administration and common services programme of section 6 are proposed for transfer to the administration and common services programme of the Centre under section 5B.

5B.36. As the General Assembly decision to abolish the Office for Science and Technology called for the immediate redeployment of most of its posts and budgetary resources the Secretary-General proposes that the following posts and related resources should be transferred from section 6 to section 5B retroactive to 1 January 1980.

D-2	D-1	P-5	P-4	P-3	P-2/1	Total Prof.	Princ. level	Other level	Total GS
1	1	3	1	1	2	9	1	6	7

^{10/} Costs arising in the current biennium from this redeployment between duty stations will be abolished.

	\$	\$
Established posts	818,400	
Temporary assistance	300	
Consultants	65,000	
Overtime	300	
Ad hoc expert groups	45,000	
Common staff costs	261,900	
Representation allowances	1,200	
Official travel	25,800	
Grants and contributions	67,000	
Total		1,284,900

5B.37. It will be recalled that the General Assembly at its thirty-fourth session approved certain temporary assistance funded posts for 1980 only. As indicated in paragraph 5B.21 above, the Secretary-General, having reviewed the workload arising from the mandated programme for science and technology for development has concluded that conversion of the posts to an established basis is both justified and required at this stage. Conversion to an established basis of all section 5B posts financed in 1980 on a temporary assistance basis together with the costs of one upward reclassification from P-5 to D-1, 11/ is estimated to require in 1981 the following amounts in respect of salaries and common staff costs for the following posts:

	\$	\$
Salaries	359,600	
Common staff costs	115,100	
Representation allowance	600	
		475,300

D-2	D-1	P-5	P-4	P-3	P-2/1	Total Prof.	Princ. level	Other level	Total GS
1	2	1	2	1		7	1	5	6

5B.38. Incorporation of the transfers from sections 4 and 6 proposed above in paragraphs 5B.31 and 5B.36 and making provision for the other new requirements arising for 1981 programme implementation would result in a revised requirement for section 5B of \$3,628,800 which may be summarized as in the table below:

11/ The relevant post description appears in annex III under post number 15. This is the only reclassification requested and it is required to meet the need of the new Centre to provide a suitable level post to head the national and regional activities group.

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Table 9

RESOURCES APPROPRIATED AND AVAILABLE FOR INCORPORATION IN REVISED ESTIMATES FOR SECTION 5B 1980-1981

Main object of expenditure	<u>Presently appropriated resources</u>			<u>Total available: resources appropriated for 1980-1981</u>	<u>Proposed revised appropriation</u>			<u>Net additional resources</u>
	<u>Section 5B</u>	<u>1980-1981 Sections 4A, 8 and 9</u>	<u>Section 6</u>		<u>Section 5B 1980 portion</u>	<u>1980-1981 Section 5B 1981 portion</u>	<u>Section 5B 1980-1981</u>	
Established posts	97 400	-	818 400	915 800	445 100	830 300	1 275 400	359 600
General temporary assistance	187 200	-	300	187 500	187 500	400	187 900	400
Consultants	70 000	-	65 000	135 000	70 000	145 200	215 200	80 200
Overtime	-	-	300	300	600	600	1 200	900
Ad hoc expert groups	-	-	45 000	45 000	-	90 000	90 000	45 000
Common staff costs	85 300	-	261 900	347 200	196 800	265 500	462 300	115 100
Representation allowance	6 000	-	1 200	7 200	3 600	4 200	7 800	600
Travel of representatives	135 000	144 300	-	279 300	100 000	270 400	370 400	91 100
Travel of staff to meetings	-	24 900	-	24 900	-	42 600	42 600	17 700
Other official travel of staff	38 000	-	25 800	63 800	38 000	63 100	101 100	37 300
Hospitality	-	-	-	-	100	100	200	200
Grants and contribution	800 000	-	67 000	867 000	836 900	40 600	877 500	10 500
Total	1 418 900	169 200	1 284 900	2 873 000	1 878 600	1 753 000	3 631 600	758 600

Table 10

PRESENTLY APPROPRIATED RESOURCES FOR 1980-1981 BROKEN DOWN BY YEAR OF APPROPRIATION

	Section 5B 1980	1981	Sections 4 Part A 8 and 9 1980 only	Section 6 1980	Section 6 1981	Total 1980	Total 1981
	\$	\$	\$	\$	\$	\$	\$
Established posts	47 500	49 900	-	397 700	420 700	-	-
General temporary assistance	187 200	-	-	300	-	187 500	-
Consultants	70 000	-	-	31 400	33 600	101 400	33 600
Overtime	-	-	-	300	-	300	-
<u>Ad hoc</u> expert gr.	-	-	-	21 900	23 100	21 900	23 100
Common staff costs	69 400	15 900	-	127 500	134 400	-	-
Representation Al.	3 000	3 000	-	600	600	3 600	3 600
Travel of Repr.	135 000	-	144 300	-	-	279 300	-
Travel of staff to meetings	-	-	24 900	-	-	24 900	-
Other official travel	38 000	-	-	12 600	13 200	50 600	13 200
Hospitality	-	-	-	-	-	-	-
Grants and contributions	800 000	-	-	33 500	33 500	836 900	40 600
Total	1 350 100	68 800	169 200	625 800	659 100	2 145 100	727 900

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5B.39. The proposed revised appropriation for section 5B in the biennium 1980-1981 shown in the right columns of the table includes a breakdown between 1980 and 1981 resources. The resource requirements for 1981 have been extensively detailed in part II above. The net additional resources column reflects the additional needs arising in 1981 offset in part by transfers from sections 4 and 6 to section 5B and also in part by absorption against resources originally appropriated for 1980. In the case of overtime, hospitality and grants and contributions, minor adjustments have been made to cater to unanticipated needs which arose in 1980. These items are detailed as follows:

	\$
Overtime	300
Hospitality	100
Grants and contributions	3,400
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Total	3,800
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The requirement for overtime arises as resources were not provided for these items in the context of the financial implications statement in A/C.5/34/101. The requirements are similar to those also proposed for 1981 in part II. The provision of \$3,400 is required to provide in full for the United Nations contribution to the jointly financed activity of the Sub-Committee on Nutrition of the Administrative Committee on Co-ordination. The annual contribution had erroneously been calculated in the 1980-1981 programme budget at \$33,500 whereas due to the need to provide for inflation it should have been \$36,900 in 1980 and \$40,600 in 1981. It is to be noted no provision had been made for anticipated inflation as the object of expenditure grants and contributions is not normally computed to include such a provision.

5B.40. With regard to the net additional requirements arising for established posts, representation allowances and other common staff costs, these items have been explained above in paragraph 5B.37.

5B.41. With regard to the objects of expenditure for consultants, ad hoc expert groups, travel of representatives, travel of staff to meetings and other official travel of staff, it has proved possible to reduce the net additional resources requested below the total level of 1981 requirements for these objects by the application of savings accrued in 1980 against the various appropriations provided. Projected 1980 savings applied to 1981 requirements:

	\$
Consultants	31,400
<u>Ad hoc</u> expert groups	21,900
Travel of representatives	179,300
Travel of staff to meetings	24,900
Other official travel of staff	15,000
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Total	272,500
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5B.42. Common services costs associated with the conversion of 1980 temporary assistance funded posts to 1981 established posts are estimated as follows:

<u>Post</u>	<u>\$</u>
1 D-2	13,100
2 D-1	18,800
1 P-5	3,500
2 P-4	7,000
1 P-3	3,500
6 GS	17,400
Total	<u>63,300</u>

This provision is requested for appropriation under section 28D of the programme budget to provide for the cost of office accommodation, office supplies, office machine rental and communications. The amounts reflected have been calculated in accordance with the standard costs in respect of recurrent costs only as full provision in respect of non-recurrent costs (purchase of furniture and equipment, etc.) was made last year at the time the temporary assistance posts were approved.

5B.43. Additional requirements under section 31 arising in respect of staff assessment costs attributable to the converted posts would amount to \$129,400. This would be fully offset by an increase in income under income section 1 of the regular budget.

5B.44. The Secretary-General requests on the basis of the revised estimates presented above amendments to the programme budget appropriations in respect of the following sections:

	<u>Increase (decrease)</u>
	<u>\$</u>
Section 4	(169,200)
Section 5B	2,212,700
Section 6	(1,284,900)
Section 28	63,300
Section 31 <u>a/</u>	129,400
Total	<u>951,300</u>

Conference servicing costs of \$546,300 will be considered separately within the consolidated statement on conference servicing requirements.

a/ To be offset by additional income under income section 1 as noted above in paragraph 5B.43.

Annex I

PROPOSED REVISIONS TO THE MEDIUM-TERM PLAN
FOR THE PERIOD 1980-1983

SCIENCE AND TECHNOLOGY

PROGRAMME: CENTRE FOR SCIENCE AND TECHNOLOGY FOR DEVELOPMENT

A. Organization

1. Intergovernmental review

1. The work of the Secretariat in this programme is reviewed by the newly established Intergovernmental Committee on Science and Technology for Development. The Committee is open to the participation of all States as full members; it meets once a year and submits its reports and recommendations to the General Assembly through the Economic and Social Council as per the mandate given in General Assembly resolution 34/218.

2. Secretariat

2. The Secretariat unit responsible for this programme is the Centre for Science and Technology for Development, established by the Secretary-General as a new, organizationally distinct entity within the United Nations Secretariat, in accordance with the provisions of General Assembly resolution 34/218, section III.

3. The Centre assists the Director-General in fulfilling the responsibilities assigned to him in the Vienna Programme of Action, particularly in providing the necessary substantive support to the Intergovernmental Committee, and in co-ordinating activities at the Secretariat level related to science and technology within the United Nations system (General Assembly resolution 34/218, sect. III, para. 3). In performing these responsibilities, the Centre maintains close co-operation with all the relevant entities of the United Nations system.

4. The resources of the Secretariat were drawn from the redeployment of the budgetary resources from the former Office for Science and Technology of the Department of International Economic and Social Affairs, which has now been abolished, and additional resources allocated to the Centre through the General Assembly resolution 34/218, section III, paragraph 5.

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B. Co-ordination

1. Formal co-ordination within the Secretariat

5. In the performance of its responsibilities, the Centre is to maintain close co-operation with all relevant entities of the United Nations. These are, inter alia, the United Nations Development Programme, the Department of International Economic and Social Affairs, and the Department of Technical Co-operation for Development. (General Assembly resolution 34/128.)

2. Formal co-ordination within the United Nations system

6. The Centre assists the Director-General in ensuring effective co-operation at the Secretariat level both within the United Nations and in the organizations of the system as a whole, in the area of science and technology.

7. In particular, the Centre assists the Director-General in the over-all co-ordination of activities, including programmes, sponsored, undertaken or supported by organizations of the United Nations system in response to the Vienna Programme of Action. In this connexion, the Centre also assists the Director-General in co-ordinating the inputs of all organs, organizations and bodies of the United Nations system to the Intergovernmental Committee.

8. For the purposes of co-ordination within the United Nations system, the Centre will utilize, as appropriate, the Joint Interagency Task Force for Science and Technology for Development, which has been established by the Administrative Committee on Co-ordination, as well as other relevant interagency mechanisms.

C. General outline of the programme

9. In accordance with its terms of reference, the activities of the Centre are, to a considerable extent, determined by the Programme of Action adopted at the Vienna Conference and, more specifically, by the Operational Plan, which is expected to reflect the Programme's principal foci, namely: strengthening the scientific and technological capacities of developing countries; restructuring the existing pattern of international scientific and technological relations; and strengthening the role of the United Nations in the field of science and technology and the provision of increased financial resources for that purpose.

10. The Programme is framed in the context of the general commitment by all Member States to treat science and technology as an integral part of the new international economic order, and the need to support effectively the development objectives and priorities agreed upon by countries, especially the developing countries.

11. It is guided by the emphasis placed in the Vienna Programme of Action on the effective harmonization of the objectives and policies of the organizations of the United Nations system on science and technology, and the need to formulate a non-sectoral approach to development co-operation activities in science and technology.

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D. Subprogramme narratives

Based on the above broad objectives and strategies of the Programme on Science and Technology for Development, activities under the following four subprogrammes will be undertaken by the Centre in the period 1980-1983:

SUBPROGRAMME 1: POLICY, ANALYSIS AND RESEARCH

(a) Objective

(i) General objective of the Secretariat

The general objective of this subprogramme is to assist Governments and other entities concerned to formulate non-sectoral policies in the field of science and technology for development.

(ii) Time-limited subsidiary objective of the Secretariat

To draft an Operational Plan for the Vienna Programme of Action and assist in its adoption by the relevant intergovernmental bodies by the end of 1981.

(b) Problem addressed

Policy formulation in this field is hampered by the lack of proposals and studies with a global or comparative perspective on, inter alia, the following issues:

- Short-comings in science and technology policy planning, particularly in connexion to over-all development policy;
- Deficiencies in science and technology infrastructure in developing countries;
- Disparities in the science and technology infrastructures in developing countries and their implications for global policy planning;
- Deficiencies in the area of R and D activities;
- Gaps between science and technology infrastructure and development strategies, particularly that which concerns the productive sector and R and D activities;
- Constraining patterns of transfer of technology;
- Reverse transfer of technology;
- Impact of new technologies and their consequences to specific development problems and objectives;
- Lack of correlation between United Nations science and technology policies and national development objectives.

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(c) Legislative authority

The legislative authority for this subprogramme derives from General Assembly resolution 34/218, section III, paragraph 3, which gives the generic mandate of the Centre, and section II, paragraph 5 of the same resolution which states the functions of the Intergovernmental Committee for Science and Technology for Development for which the Centre is to give substantive programme support. The relevant subitems of General Assembly 34/218, section II, paragraph 5 for this subprogramme are: (a), (c), (d) and (g).

In addition, the mandate for this subprogramme is also derived from the Intergovernmental Committee's decisions 1 (II) subparagraphs (a), (e), (f), (g), (i) and 5 (II) 2.

(d) Strategy for the period 1981-1983

The Centre will assist the Intergovernmental Committee in:

- (i) Preparing, monitoring and implementing an operational plan for carrying out the Vienna Programme of Action;
- (ii) Charting out activities at a national, subregional, regional and interregional level stemming from this Programme.

In addition the Centre will:

- (i) Carry out an identification and assessment of new scientific and technological developments which may affect the development process;
- (ii) Analyse common goals and objectives to which science and technology should be applied in the development process, based on the material contained in the national papers prepared by developing countries for the United Nations Conference on Science and Technology for Development and supplemented by the necessary additional material to be periodically supplied by Member States;
- (iii) Survey and analyse the levels of attainment of scientific and technological development among different countries;
- (iv) Report on key issues of science and technology for development for the consideration of the General Assembly, and provide substantive support to the Advisory Body on Science and Technology for Development.

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SUBPROGRAMME 2: CO-ORDINATION, MONITORING AND REVIEW OF THE ACTIVITIES OF UNITED NATIONS SYSTEM ON SCIENCE AND TECHNOLOGY FOR DEVELOPMENT

(a) Objective

(i) General Secretariat objective

The general objective of this subprogramme is to strengthen the role of the organizations of the United Nations system in the promotion of science and technology for development by co-ordination and monitoring of the United Nations system activities in this area, the harmonization of its policies and procedures, the creation of new links within the system in the field of science and technology, and the co-ordination and monitoring of the programmes sponsored by the organizations of the United Nations system in response to the Operational Plan.

(ii) Time-limited subsidiary objective of the Secretariat

To assist the Intergovernmental Committee formulate policy guidelines for the United Nations system in regard to the scientific and technological activities contained in the Vienna Programme of Action by the end of 1981.

(b) Problem addressed

Member States have increasingly emphasized the need for greater cohesiveness and co-ordination of the activities of the various organizations and agencies of the United Nations system in this area. At the same time, they have taken the view that

"the initiatives taken so far by the organs, organizations and bodies of the United Nations system to improve the present situation in the field of science and technology have largely been institutional reforms involving reviews of the mandates of individual components of the system, so as to reduce overlapping, competitiveness and unnecessary duplication of effort. It is now apparent that such institutional approaches alone cannot be sufficient in the area of science and technology. New arrangements are therefore necessary to provide the required framework for international decisions and co-ordinated action designed to complement national efforts of developing countries." (A/CONF.8/10, para. 82.)

(c) Legislative authority

The legislative authority for this subprogramme area derives from General Assembly resolution 34/218, section III, paragraphs 3 and 4, which define the generic mandate of the Centre, and section II, paragraph 5, subitems (b) and (e), section IV, paragraphs 1, 2, 3, 4 and 5 which define, respectively, the responsibilities of the Intergovernmental Committee and the Director-General.

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Legislative authority also derives from the resolutions of the Intergovernmental Committee 1 (II), paragraphs (c), (d) and (f), resolution 6 (II), paragraphs 2 and annex 2 of the report of the second session of the Intergovernmental Committee defining the Terms of Reference for the Advisory Body.

(d) Strategy for the period 1981-1983

The activities and programmes related to science and technology within the United Nations system will be monitored and an annual report on them made to the Intergovernmental Committee.

The programmes sponsored by the United Nations system in response to the Operational Plan will be co-ordinated and monitored. Inputs from organs, organizations and bodies of the United Nations system to the Intergovernmental Committee will be co-ordinated.

The Centre will provide support to the ACC Task Force for Science and Technology for Development and to the Intergovernmental Committee on Science and Technology for Development.

Negotiations concerning the issues left unresolved in the Vienna Programme of Action will be monitored and reports on the state of these negotiations will be made to the Intergovernmental Committee.

SUBPROGRAMME 3: SHORT- AND LONG-TERM FINANCIAL ARRANGEMENTS FOR SCIENCE AND TECHNOLOGY FOR DEVELOPMENT: MONITORING AND REVIEW

(a) Objectives

(i) Intergovernmental objective

To provide directives and policy-making guidance to the United Nations Financing System for Science and Technology for Development.

(ii) Subsidiary objectives of the Secretariat

To assist the Intergovernmental Committee, and other international bodies, in the long-term and interim arrangements for the Financing System.

To perform such tasks as are assigned in connexion with this system.

(b) Problem addressed

The scarcity of financial resources in developing countries often results in a resource allocation for science and technology far below the critical level required to achieve the desired results. While the critical role of

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financial resources in the application of science and technology for development has been recognized by the international community, the level of resources, and the rules and procedures guiding the utilization of these resources in development co-operation activities in science and technology for development are far from adequate. As a result permanent financing system is needed in this area.

(c) Legislative authority

The legislative authority for this subprogramme derives from General Assembly resolution 34/218, section III, paragraph 3 which gives the generic mandate of the Centre, section II, paragraph 5, subitem (h), as well as section VI, paragraphs 1 to 11, and resolution 2 (II) and subitem (h) of the Intergovernmental Committee.

(d) Strategy for the period 1981-1983

The Centre will assist in the provision of substantive support to the International Group of Experts on the financing system and to the Intergovernmental Committee in its task of formulating and monitoring the long-term financing arrangement; be appropriately involved in the review of the operation and prepare, monitor and implement the section of the Operational Plan dealing with questions of financing.

SUBPROGRAMME 4: NATIONAL AND REGIONAL ACTIVITIES RELATED TO THE IMPLEMENTATION
OF THE VIENNA PROGRAMME OF ACTION

(a) Objectives

The objectives of this subprogramme are:

(i) General intergovernmental objective

To promote the exchange of substantive information to and from developing countries in all the major areas of science and technology for development addressed in the Vienna Programme of Action;

(ii) Time-limited subsidiary objective of the Secretariat

To establish by the end of 1981 an information network consisting of national, subregional, regional and international focal points and relevant non-governmental organizations;

(iii) Continuing subsidiary objective of the Secretariat

To utilize this network to:

- a. Provide and disseminate information in all the areas of science and technology covered by the Vienna Programme of Action;

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- b. To obtain information on the application of science and technology for development from national focal points and the scientific community;
- c. To promote encounters and activities in and among the scientific communities of developing countries to facilitate the acquisition and dissemination of information on science and technology.

(b) Problem addressed

Inadequacies in the flow, level and type of information on science and technology to and among developing countries have been widely recognized as one of the major impediments to the proper utilization of science and technology for development.

This subprogramme area will address the problems of information deficiency, particularly in what relates to science and technology policy and planning.

(c) Legislative authority

The legislative authority for this subprogramme derives from section II, subsection C, paragraphs 96 to 98 of the Vienna Programme of Action; General Assembly resolution 34/218, section III, paragraph 3 in conjunction with section II, paragraph 5 (g) and Intergovernmental Committee resolution 5 (II), paragraphs 1 and 2.

(d) Strategy for the period 1981-1983

The strategy for this subprogramme consists of:

- (i) Reactivation of the national focal points established for the Vienna Conference and, in co-operation with them, the undertaking of an active exchange of information on all the areas addressed in the Operational Plan;
- (ii) The establishment and development of a network of exchanges on priority issues on science and technology for development with non-governmental organizations, scientific associations and academic communities at the national, regional and interregional levels;
- (iii) Publication of a periodic newsletter containing information and analysis on science and technology efforts undertaken by the international community and particular efforts of the United Nations system.

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Annex II

PROVISIONAL ORGANIZATIONAL STRUCTURE OF THE CENTRE FOR SCIENCE
AND TECHNOLOGY FOR DEVELOPMENT

1. Proposals for a definitive organizational structure of the Centre for Science and Technology for Development are presently under review by the Administrative Management Service. Upon completion of this review in the first quarter of 1981, a Secretary-General's Bulletin will be issued in accordance with established procedures. In the interim the arrangements described below have only a provisional status and this information is provided solely for the purpose of providing background information against which these revised estimates may be reviewed.

2. The Centre has two main organizational groupings working under the direction of the Office of the Executive Director. The groupings are:

- (a) Policy analysis and research
- (b) Co-ordination, monitoring and review

A further minor grouping covers national and regional activities but it remains to be determined whether this minor grouping will be maintained as a separate entity or integrated within the Office of the Executive Director.

3. The functions of the Executive Director and his Office may be defined as follows:

- (a) Provision of advice and assistance to the Secretary-General and the Director-General for Development and International Economic Co-operation with respect to the functions enumerated in part I;

- (b) Representation of the Secretary-General and the Director-General as required on matters relating to science and technology for development vis-à-vis intergovernmental, intersecretariat and advisory bodies and organizations and agencies of the United Nations system as well as in non-governmental relations;

- (c) Ensuring liaison and co-ordination with the Bureau of the Intergovernmental Committee and the Chairman of subsidiary bodies;

- (d) Assistance in the clearance of official documents submitted by the Committee to other United Nations organs and organizations;

- (e) Management and supervision of all activities of the Centre.

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4. The functions of the policy analysis and research grouping may be summarized as follows:

(a) Formulates draft policy guidelines for the United Nations system in regard to scientific and technological activities contained in the Vienna Programme of Action;

(b) Assists, as requested, in the formulation of policy guidelines for improving the effectiveness of national policies for the application of science and technology for development;

(c) Prepares, monitors and implements an operational plan for carrying out the Vienna Programme of Action;

(d) Charts out activities at a national, subregional, regional and interregional level stemming from this Programme;

(e) Carries out an identification and assessment of new scientific and technological developments which may adversely affect the development process as well as those which may have specific and potential importance for that process and for strengthening the science and technology capacities of the developing countries;

(f) On the basis of information supplied by developing countries, analyses common objectives to which science and technology could be applied to achieve development targets and proposes common goals for action;

(g) Surveys and analyses the levels of attainment of scientific and technological development among different countries;

(h) Carries out research and prepares studies, analyses and reports on matters relating to the application of science and technology for development as requested by the General Assembly and the Intergovernmental Committee;

(i) Provides substantive and Secretariat support services for the United Nations Advisory Body on Science and Technology for Development, established by resolution 7 (II) of the Intergovernmental Committee and for its subsidiary bodies, including panels of specialists;

(j) Undertakes whatever additional research and surveys related to the Vienna Programme of Action which may be requested by the Intergovernmental Committee.

5. The functions of the co-ordination, monitoring and review grouping may be summarized as follows:

(a) Assists in ensuring effective co-operation and policy harmonization within the United Nations at the Secretariat level and in the organizations of the system as a whole in the area of science and technology;

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(b) Monitors the activities and programmes related to science and technology within the organs, organizations and bodies of the United Nations system, in particular in reference to the recommendations addressed to the United Nations system by the Vienna Programme of Action;

(c) Co-ordinates and monitors the programmes and activities sponsored by the United Nations system in response to the Operational Plan;

(d) Provides substantive support to the Intergovernmental Committee on Science and Technology for Development and, in this context, assists in the co-ordination of the inputs of organs, organizations and bodies of the United Nations system to the Intergovernmental Committee;

(e) Provides substantive and Secretariat support services to the Joint Interagency Task Force on Science and Technology for Development and any ad hoc meetings of the Administrative Committee for Co-ordination relating to science and technology for development;

(f) Monitors the negotiations concerning the issues left unresolved in the Vienna Programme of Action and provides reports on the state of these negotiations for the consideration of the Intergovernmental Committee;

(g) Assists in the provision of substantive policy support to the Intergovernmental Committee in its task of formulating and monitoring the Financing System for Science and Technology for Development;

(h) Assists in the promotion of optimum mobilization of resources with a view to enabling the organs, organizations and bodies of the United Nations system to carry out the activities of the Vienna Programme of Action;

(i) Carries out in the context of the operational plan, a policy-oriented survey of mechanisms relating to the financing of science and technology for development at the national, regional and interregional levels, both within and outside the United Nations system;

(j) Maintains a close and continuous working relationship with the Interim Fund;

(k) Assists in the provision of substantive support to the intergovernmental experts on the Financing System.

6. The main functions of the national and regional activities grouping are as follows:

(a) Assists the Executive Director in developing policies and course of action for a close co-operation with Governments, national focal points, and non-governmental organizations involved in science and technology for development for the purpose of integrating the recommendations of the Vienna Programme of Action and the Operational Plan in the formulation of national and international policies and programmes;

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(b) Organizes and operates a systematic exchange of information and practical experience at the national and regional level, in areas covered by the Vienna Programme and the Operational Plan, by:

- (i) Undertaking the reactivation of national focal points;
- (ii) Establishing liaison and close co-operation with non-governmental organizations and the scientific community;
- (iii) Organizing symposia and participating in fora on science and technology for development;
- (iv) Publication and large-scale distribution of the Centre's periodic newsletter;
- (v) Provision upon request of advisory services on matters pertaining to the progress of the Operational Plan and its implementation, and to the work of the Intergovernmental Committee and subsidiary bodies;

(c) Organizes collection of data on national and regional activities related to the Operational Plan;

(d) Provides support to the programmes and activities of the policy analysis and research grouping and the co-ordination, monitoring and review grouping;

(e) Prepares analyses and reports assigned to the grouping, including the Branch's contribution to the analysis grouping on common goals and objectives to which science and technology should be applied to the development process, and the Analysis on the contribution of the non-governmental organizations to the implementation of the Vienna Programme.

Annex III

SUMMARY OF JOB DESCRIPTIONS, BY ORGANIZATIONAL STRUCTURE AND
FUNCTIONS OF THE UNITED NATIONS CENTRE FOR SCIENCE AND
TECHNOLOGY FOR DEVELOPMENT

1. Office of the Executive Director

Post 1 - Executive Director, Assistant Secretary-General.

Post 2 - Special Assistant to the Executive Director, P-4. Assists the Executive Director in the management and supervision of the activities of the Centre, and prepares statements for the Executive Director and briefings, analyses and reports referring to the main themes and activities of the Centre as background material for the decision-making process.

2. Policy, analysis and research

Post 3 - D-2. Assists and advises the Executive Director, in collaboration with the head of the other structural units, in planning and supervising all the policy, research and analysis activities of the Centre.

Post 4 - D-1. Assists the Director in the management and direction of this structural unit, in particular with regard to the choice, scope and nature of the analysis and research to be undertaken.

Post 5 - P-5. Prepares studies and analyses related to the implementation of the Vienna Programme of Action, policy reports on science and technology for submission to the General Assembly, and acts as the Secretary at the meetings of the Advisory Body and meetings of the Panels.

Post 6 - P-5. Is responsible for preparing an outline for an operational plan for financing science and technology for development and subsequent reports for submission to the Intergovernmental Committee; consultations with organs, organizations and bodies of the United Nations system, regional banks, and other relevant financing institutions; provides reports on resources allocated by the United Nations system for science and technology programmes; and provides views on the policy aspects, etc. of projects submitted to the Centre by the Interim Fund.

Post 7 - P-4. Is responsible for an assigned section of the Operational Plan; conducts research and studies relating to the report on the early identification on assessment of new scientific and technological developments; and undertakes research and contributes to the analysis of data provided by focal points on the levels of attainment of scientific and technological developments among different countries.

Post 8 - P-3. Collects data and undertakes preliminary analyses with a view to assisting in the Centre's work on the common goals and objectives to which science and technology should be applied to the development process; assists in preparing and servicing the meetings of the Advisory Body and its Panels of Specialists, and in the review of the work related to the Interim Fund.

3. Co-ordination, monitoring and review

Post 9 - D-2. Assists and advises the Executive Director, in collaboration with the head of the other structural units, in planning and supervising all the activities of the Centre relating to the co-ordination, monitoring and review of the United Nations system activities in science and technology for development.

Post 10 - D-1. Assists the Director in the management and direction of this structural unit, in particular with regard to the monitoring and review of the United Nations system's activities in science and technology for development.

Post 11 - P-5. Is responsible for the preparation of the report to the Intergovernmental Committee on the monitoring and evaluation in the area of science and technology of the policies and programmes of United Nations organizations; and assists in the substantive servicing of the Committee.

Post 12 - P-5. Provides substantive and technical support to the Interagency Task Force and to ad hoc meetings of the Administrative Committee on Co-ordination on science and technology for development; assists in monitoring the activities and programmes related to science and technology of different organs, organizations of the United Nations system; and assists in the co-ordination of the sectoral and intersectoral activities of the United Nations system in developing countries.

Post 13 - P-4. Undertakes the preparation of parts of the report to the Intergovernmental Committee on the monitoring and evaluation of the policies and programmes of the United Nations organizations in the area of science and technology for development, and organizes the gathering of United Nations responses from United Nations organizations.

Post 14 - P-2/P-1. Undertakes a review in light of the Operational Plan of the planned activities of the United Nations system organization for submission to the Intergovernmental Committee; assists in monitoring and reviewing the activities related to issues left unresolved at the United Nations Centre for Science and Technology for Development and assists in providing support to the Interagency Task Force.

4. National and regional activities

Post 15 - D-1. Is responsible for developing policies and course of action in liaison areas (with Governments, focal points and non-governmental organizations) for the purpose of integrating the recommendations of the Vienna Programme in the formulation of national policies and programmes, and for improving

their effectiveness in the use of science and technology for socio-economic development; organizes and directs the operations of the Centre for the exchange of information and practical experience at the national and regional level, in the areas covered by the Vienna Programme and the Operational Plan; and supervises the Centre's official reports, analyses, publications and other documents within the field of activity of the Branch.

Post 16 - P-3. Maintains liaison with national focal points and ensures exchange of information in areas concerning the Vienna Programme of Action; undertakes survey of existing institutions currently engaged in work on science and technology for development; analyses and evaluates contributions of non-governmental organizations; participates in the organization of symposia and prepares background documents for the Centre's contribution; co-ordinates the preparation of analyses, reports and other documents assigned to the Branch; contributes to the analysis of common goals and objectives; and co-ordinates the work related to the work and distribution of the Centre's periodic newsletter.

Post 17 - P-1/P-2. Undertakes research and prepares the Centre's quarterly newsletter; assists in the reactivation of the network of focal points; collects and organizes information on national and regional activities related to the Operational Plan; carries out large-scale distribution of the follow-up documents to the Vienna Programme of Action; and prepares background documents and contributes to the preparation of reports.

Annex IV

CONFERENCE COSTS

	<u>Total</u> <u>workload</u>	<u>Unit rate a/</u> \$	<u>Cost b/</u> \$	
I. <u>Pre-session</u>				
(142,400 words, C,E,F,R,S)				
Translation	483 days	251/day	121 233	
Revision	161 days	264/day	42 504	
Typing	544 days	135/day	73 440	
Reproduction	2 171 600 page impressions	0.009/page impression	19 544	
Distribution	97 600 documents	0.045/document	4 392	<u>261 113</u>
II. <u>Meeting servicing</u>				
Interpretation, (C,E,F,R,S)	336 days	302/day	101 472	
Supporting staff				
Conference officer	42 days	33/day	1 386	
Documents distribution clerk	21 days	33/day	693	
Other	- days	/day		<u>103 551</u>
III. <u>In-session</u>				
(80,000 words, C,E,F,R,S)				
Translation	272 days	251/day	68 272	
Revision	91 days	264/day	24 024	
Typing	305 days	135/day	41 175	
Reproduction	1 020 000 page impressions	0.009/page impression	9 180	
Distribution	76 500 documents	0.045/document	3 442	<u>146 093</u>

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	<u>Total workload</u>	<u>Unit rate a/ \$</u>	<u>Cost b/ \$</u>
IV. <u>Post-session</u>			
(12,800 words, A,C,E,F,R,S)			
Translation	54 days	251/day	13 554
Revision	18 days	264/day	4 752
Typing	60 days	135/day	8 100
Reproduction	214 400 page impressions	0.009/page impression	1 930
Distribution	6 700 documents	0.045/document	3 015
			<u>31 351</u>
		Total (I, II, III + IV)	542 108
V. <u>Office of General Services requirements</u>			
Sound engineering			1 400
Security, messenger and information services			1 800
General operating expenses			1 000
			<u>4 200</u>
		Grand total	<u>546 300</u>

a/ For the purpose of cost estimates, the unit rates for interpretation, translation, revision and typing include the element of travel.

b/ Portions less than \$100 have been rounded.
