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PROPOSED PROGRAMME OF WORK AND PRIORITIES FOR THE BIENNIUM 1986-1987

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INTRODUCTION

1. The work programme for the biennium 1986-1987 contained in this document represents the second biennium programme of work and priorities to be prepared within the framework of the United Nations 1984-1989 (six-year) medium-term plan adopted by the General Assembly at its thirty-seventh session [supplement No. 6 (A/37/6)] and revised at its thirty-ninth session [supplement No. 6 (A/39/6)] in order to reflect legislative decisions and their programme implications since 1982 and to provide an up-to-date framework for the programme budgets for the second and third biennia of the six-year perspective.
2. The 1984-1989 medium-term plan covers only the activities which the United Nations itself proposes to undertake. It has been structured around specific objectives, and its various programmes and subprogrammes are designed to show the strategies that should be followed if those objectives are to be achieved within the resources available.
3. In common with the other units of the United Nations System, the United Nations (which includes the regional economic commissions) has used the International Development Strategy for the Third United Nations Development Decade and the policy measures established to achieve them as the basis for the preparations of the medium-term plan proposals. However, where sectoral and regional strategies exist, the regional commissions have complemented the proposals of the International Development Strategy with those of such sectoral and regional strategies. Thus, the Economic Commission for Africa has used the Lagos Plan of Action for the Implementation of the Monrovia Strategy for the Development of Africa, which incorporates the Final Act of Lagos, the African Regional Food Plan and the United Nations Transport and Communications Decade in Africa among other sectoral programmes and strategies in addition to the International Development Strategy as basis for preparing its own parts of the medium-term plan.
4. Thus in addition to the major issues raised in the International Development Strategy, the ECA parts of the medium-term plan emphasize among others the following:
 - (a) Intensification of efforts to increase food production, to improve African agriculture and to develop agro-based industries, based on the regional food plan;
 - (b) The development of transport and communications infrastructure so as to integrate the continent physically in accordance with the programme of the United Nations Transport and Communications Decade in Africa;
 - (c) Industrial development focused on the use of domestic raw materials, now elaborated in the programme for the United Nations Industrial Development Decade in Africa;
 - (d) Intensification of regional and subregional co-operation, through joint production activities and expanded African trade leading to the creation of an African common market by the year 1990 and an African Economic Community by the year 2000 as required by the Final Act of Lagos;

(e) The special needs of African least developed countries which constitute the largest number of least developed countries of the world, in the context of the requirements of the Substantial New Programme of Action in favour of the least developed countries of the world adopted at the Paris Conference on the Least Developed Countries in 1981.

5. The present biennium work programme and priorities comprise 16 programmes which are composed of 51 subprogrammes, 172 programme elements and over 2,000 final outputs. While programmes which derive directly from major programmes such as food and agriculture industrial development, etc., have invariably been designated on institutional basis, subprogrammes comprise identified groups of activities with distinct objectives within each programme. Programme elements and their corresponding intermediate activities and final outputs are the instruments designed for the achievement of those objectives.

6. In planning and programming language, final outputs are those goods and services which the secretariat intends to deliver during a specific biennium, to member States and their intergovernmental institutions either directly or through their representatives as measures for assisting them to solve their socio-economic including technical problems. In the same context, intermediate activities are those activities which, although directed at producing final outputs, will not lead to such final outputs during the particular biennium. Since what will interest member States are the final goods and services to be delivered to them, the emphasis in the document is on final outputs. However, since intermediate activities are found to be substantial, they have been included.

7. In general, as part of the efforts to codify planning and programming activities in the United Nations, the following have been identified as final outputs:

(a) Substantive servicing of intergovernmental meetings, including support of negotiations;

(b) Reports to intergovernmental bodies;

(c) Peace-keeping and humanitarian operations;

(d) Technical publications, including sales publications, periodicals, computer printouts and tapes, and ad hoc information services;

(e) Public information services;

(f) Technical assistance projects;

(g) Grants and fellowships.

8. For ease of reference, the work programme and priorities are organized as follows:

(a) Programme title;

(b) Programme objectives;

(c) Subprogrammes by title followed by:

- (i) secretariat objectives divided where appropriate into "general objectives" and "time-limited subsidiary objectives" of the secretariat;
- (ii) resource requirements divided into "regular" and "extrabudgetary";
- (iii) reference showing the relevant section of the medium-term plan;
- (iv) programme elements by titles; and
- (v) final output.

9. As already indicated, the proposals in this document have been based on the International Development Strategy as revised in 1984 and the Lagos Plan of Action including the Final Act of Lagos. However, in recognition of the changing environment within which all institutions function as clearly indicated by the present economic and social crisis confronting the continent, the secretariat has tried in many areas to propose measures which it believes the Commission should adopt in dealing with aspects of the crisis.

10. In various parts of the document, the symbol (XB) has been put against some intended outputs and activities. The symbol which means "extrabudgetary" is intended to indicate that the implementation of such outputs and activities will depend strictly on the availability of the extrabudgetary resources which the secretariat has either negotiated with donors or to which donors are expected to give their final approval during the biennium.

11. Similarly, with respect to programme elements, the phrases "highest priority" and "lowest priority" are used in the text. This designation has been applied strictly in accordance with the instruction of the General Assembly to the secretariat to designate "programme elements" with respect to 20 per cent of the resources which are likely to be available to any programme on the understanding that "highest priority" will apply to 10 per cent and "lowest priority" to 10 per cent. In effect, each programme manager is allowed to distribute 80 per cent of the resources available to him/her in accordance with his own perception, while the General Assembly, through recommendations from its appropriate subsidiary body, namely the Committee for Programme Co-ordination, reserves the right to determine the use of the 20 per cent on the indications given by the programme manager. In this context, the General Assembly may decide that the resources earmarked for programme elements designated "lowest priority" should be used to implement other activities of high priority including those already designated as such and that the "lowest priority" programme elements should be terminated. It may also provide more resources for those designated "highest priority".

12. It will be observed that with respect to each programme, the phrase "in Africa" has been added. The purpose of this addition is to distinguish ECA work programme and priorities from those of the other entities in the system since such entities have their own programmes for Africa.

13. Finally, it needs to be emphasized that the proposals contained in this document are yet to be discussed by the Committee for Programme Co-ordination at its twenty-fifth session to be held in New York in April/May 1985 when recommendations will be made to the General Assembly at its fortieth session in September/December 1985 through the Economic and Social Council at its 1985 Summer Session. Since the Conference of Ministers does not deal with the allocation of resources, the purpose of submitting the document to its present meeting is to enable it as a regional programme-formulating organ to make its comments and proposals for consideration by the Committee for Programme Co-ordination.

FOOD AND AGRICULTURE IN AFRICA

A. Programme objectives

The food and agriculture programme, which is executed by the joint ECA/FAO Agriculture Division, is made up of three subprogrammes whose respective objectives are given below under each subprogramme.

B. Work programme

SUBPROGRAMME 1. AGRICULTURAL DEVELOPMENT POLICY, PLANNING AND PROGRAMMING

(a) General objectives of the secretariat: To provide basic information and analysis as well as opportunities for training and exchange of information for use in the formulation of agricultural development policies.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	25
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 13.18 - 13.22.

(d) Programme elements1.1 Improving the capacity for agricultural planning and policiesFinal output

- (i) Advisory services to member States and intergovernmental organizations, on request, on policies, plans and investment programmes (three missions in 1986; three in 1987);
 - (ii) Technical publication: Agricultural policy planning, project analysis, management, monitoring and evaluation (one, fourth quarter, 1986; two, fourth quarter, 1987);
 - (iii) Substantive servicing of two seminars on the strengthening of government capacity in analysis, formulation and implementation of agricultural policies, plans, programmes and projects (one, fourth quarter, 1986; fourth quarter, 1987).
- 1.2 Monitoring and evaluation of the implementation of the revised Lagos Plan of Action (LPA) for the implementation of the Monrovia Strategy for the Economic Development of Africa with respect to food and agriculture during the period 1968-1990*

*Highest priority

Final output

- (i) Reports to the ninth and tenth meetings of officials and Councils of Ministers of the Lusaka- and Niamey-based MULPOCs of the implementation of the food and agricultural aspects of the revised Lagos Plan of Action at the subregional levels (one, first quarter, 1986; one, first quarter, 1987);
- (ii) Reports to the twelfth and thirteenth meetings of the ECA Conference of Ministers, the FAO Regional Conference; and the OAU Inter-ministerial Committee for food on the implementation of the food and agricultural aspects of the revised Lagos Plan of Action (one, first quarter, 1986; one, first quarter, 1987).

1.3 Development of agricultural statistical data

Final output

- (i) Advisory services to member States, on request, on measures for the improvement of agricultural statistical data (one mission in 1986; one in 1987);
- (ii) Technical publication: Basic data requirements for policy making on and planning and evaluation of food and agricultural development programmes including those on forestry and fisheries (second quarter, 1986).

1.4 Improved policies and programmes for conservation and development of forest and land resources

Final output

- (i) Report to the twelfth meeting of the ECA Conference of Ministers on policy measures for improved forest conservation, management and development in Africa (second quarter, 1986);
- (ii) Technical publication: Evaluation of programmes and measures in land use with particular reference to the conservation and management of soil, wildlife and forestry resources (third quarter, 1986).

SUBPROGRAMME 2. PROMOTION OF AGRARIAN REFORM, INTEGRATED RURAL DEVELOPMENT AND IMPROVEMENT OF AGRICULTURAL INSTITUTIONS AND SERVICES

- (a) General objectives of the secretariat: To provide information and analysis on questions of integrated development and necessary agricultural institutions, to generate information and approaches to increase food production.

(b) Resource requirementsPercentage of programme total

Regular Budget	40
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6) paras. 13.23 - 13.29

(d) Programme elements2.1 Promotion of integrated rural developmentFinal output

- (i) Advisory services to four member States in the North and West African MULPOC subregions, on request, on the preparation and implementation of rural development projects (one mission, second quarter, 1986; one, fourth quarter, 1986; one, first quarter 1987; one, fourth quarter, 1987);
- (ii) Report to the thirteenth meeting of the ECA Conference of Ministers on the implementation of the recommendations of World Conference on Agrarian Reform and Rural Development (WCARRD) in the Lusaka-based MULPOC subregion (fourth quarter, 1986).

2.2 Improvement of agricultural institutions and servicesFinal output

- (i) Advisory services to the Tangier-, Yaounde- and Niamey-based MULPOC countries, on request, on the assessment of the potential for expanding and strengthening subregional co-operation in the field of agricultural research, training and supporting services (one, second quarter, 1986; one, second quarter, 1987; one, third quarter, 1987);
- (ii) Training seminars on improving current agricultural research and information systems (CARIS) in collaboration with FAO and the Centre for Integrated Rural Development in Africa (CIRDAFRICA) (one, fourth quarter, 1986; one, fourth quarter, 1987);
- (iii) Reports to the Councils of Ministers of the MULPOCs on pilot surveys and identification of basic institutional and socio-cultural constraints to women's increased productivity in the food subsector in the Eastern and Southern Africa and North African MULPOC subregions, (one, third quarter, 1986; one, third quarter, 1987);

- (iv) Training seminar for rural development officials in the Niamey-based MULPOC subregion on the improvement of the management and administration of agricultural supporting services in favour of small farmers and pastoralists (second quarter, 1987).

2.3 Multinational co-operation programmes and projects for the improvement of inland and marine fisheries

Final output

- (i) Advisory services to the Lusaka- and Niamey-based MULPOC countries, on request, on the development, harmonization and co-ordination of fisheries policies and programmes (one, third quarter, 1986; one, second quarter, 1987);
- (ii) Advisory services to the Yaounde- and Lusaka-based MULPOC countries, on request, on the implementation of fisheries development projects (first quarter, 1986; one, third quarter, 1987).

2.4 Multinational co-operation programmes and projects for the improvement of livestock production

Final output

- (i) Advisory services to the Lusaka- and Niamey-based MULPOC countries, on request, on the harmonization and co-ordination of livestock and development policies and programmes (one, second quarter, 1987);
- (ii) Technical publication: Livestock development policies and programmes for livestock development planners in the North African MULPOC subregion (first quarter, 1986);
- (iii) Seminar for agricultural development planners on livestock development policies and programmes in the North Africa MULPOC subregion (second quarter, 1986);
- (iv) Technical publication: Livestock development policies and programmes for livestock development planners in the West African MULPOC subregion (second quarter, 1987);
- (v) Seminar for livestock development planners in the West African MULPOC subregion on livestock development policies and programmes (third quarter, 1987);
- (vi) Report to the thirteenth meeting of the ECA Conference of Ministers on a survey of agricultural research and programmes for livestock development in the region (first quarter, 1987).

SUBPROGRAMME 3. AGRICULTURAL MARKETING INSTITUTIONS, SERVICES AND FACILITIES

(a) General objective of the secretariat: To provide member States with information and analyses of agricultural marketing institutions, services and facilities to serve as a base for the development of policy options.

(b) Resource requirements

Percentage of programme total

Regular budget	35
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 13.30 - 13.33.

(d) Programme elements

3.1 Development of agricultural marketing institutions, services and facilities **

Final output

- (i) Advisory services to member States, on request, on increasing the effectiveness of agricultural marketing institutions, services and facilities (two missions in 1986; two in 1987);
- (ii) Seminar for agricultural marketing officials on agricultural marketing, training and manpower development in Africa with emphasis on TCDC marketing institutions (second quarter, 1986);
- (iii) Technical publication: Agricultural marketing, training and manpower development in Africa with emphasis on TCDC marketing institutions (first quarter, 1986).

3.2 Reduction of food waste and losses by farmers, marketing institutions and consumers

Final output

- (i) Seminar for agricultural development officials on improved technologies for reducing post-harvest food losses with emphasis on cereals, fisheries and livestock products (third quarter, 1986);
- (ii) Report to the thirteenth meeting of the ECA Conference of Ministers and to the forty-first session of the United Nations General Assembly on measures taken by African countries to reduce food losses over the period 1974-1985 in conformity with the United Nations resolution 3362 (S-VII) (first quarter, 1987).

** Lowest priority.

3.3 Marketing policies and programmes for food products

Final output

- (i) Technical publication: Measures for improving credit facilities and fertilizar marketing in Africa at the level of the small farmer (second quarter, 1987);
- (ii) Technical publication: Measures for improving the storage processing and efficient distribution of fish in the Niamey-based MULOPOC subregion (fourth quarter, 1987).

3.4 Promotion of food security

Final output

- (i) Report to the tenth meeting of officials and Council of Ministers of the Gisenyi-based MULOPOC on strengthening national food security efforts as a basis for the establishment of a subregional food security programme (first quarter, 1987);
- (ii) Report to the thirteenth meeting of the ECA Conference of Ministers on a comparative study and analysis of ongoing food security programmes in Africa with a view to enhancing their overall effectiveness (fourth quarter, 1986).

DEVELOPMENT ISSUES AND POLICIES IN AFRICA

A. Programme objectives

Development issues and policies comprise such important activities as macro-economic research, planning, problems of the least developed countries, economic co-operation and integration, education and training, manpower planning and pan-African documentation and information system and the objectives are better described under each subprogramme:

B. Work programme

SUBPROGRAMME 1: SOCIO-ECONOMIC ANALYSIS, PLANNING AND PROJECTIONS

- (a) (i) General objectives of the secretariat: To continuously assess the economic and social situation of African countries and assist member States in creating and improving their own national mechanisms for review and appraisal of development policies and programmes; and to devise techniques relating to sectoral planning, short-term forecasting, regional and subregional co-ordination of plans and contingency planning for specific crises.

- (ii) Time-limited subsidiary objectives of the secretariat: To prepare the annual survey of economic and social conditions in Africa as well as undertake every five years a perspective study at the regional, subregional and national level with a view to devising a method for assessing the degree of implementation of the revised Lagos Plan of Action in the African region.

(b) Resource requirementsPercentage of programme total

Regular budget
Extrabudgetary

25

- (c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 10.81 - 10.84 and revisions (A/39/6).

(d) Programme elements1.1 Technical assistance to countries and territories*Final output

Advisory services to member States, on request, in development planning, plan preparation and evaluation including the setting-up or improvement of planning and plan implementation machinery; economic projections and forecasts; the preparation of special economic surveys, studies and analysis at national and subregional levels; and the formulation of economic policy (five countries in 1986, five in 1987).

* Highest priority

1.2 Annual surveys of economic and social conditions in Africa

Final output

Reports to the meetings of the Conference of Ministers of ECA on the annual survey of economic and social conditions in the African region for the years 1984-1986 (1984-1985 in second quarter, 1986; 1985-1986 in second quarter, 1987).

1.3 Use of socio-economic indicators in planning**

Final output

Report to the fourth session of the Joint Conference of African Planners, Statisticians and Demographers on the design, implementation and use of a system of socio-economic indicators in African countries (first quarter, 1986).

1.4 Continuing studies on the economies of the African region

1.5 Short-term economic forecasting and outlook

Final output

Report to the fourth session of the Joint Conference of African Planners, Statisticians and Demographers on the progress of the implementation of the economic outlook and forecasting system in some individual African countries (first quarter, 1986).

1.6 Multi-sectoral planning models

Final output

Report to the fourth session of the Conference of African Planners, Statisticians and Demographers on sectoral planning models covering the role of the informal sector, the transformation of technical coefficients and the incorporation of prices and other financial variables (first quarter, 1986).

1.7 Analysis of national development plans in the light of the objectives and philosophy of the revised Lagos Plan of Action

Final output

Report to the fourth session of the Joint Conference of African Planners, Statisticians and Demographers on the critical evaluation of current national development planning practices in the light of the objectives and philosophy of the revised Lagos Plan of Action (first quarter, 1986).

** Lowest priority

1.3 Sectoral planning in subregional co-operation arrangements**

Final output

Report to the fourth session of the Joint Conference of African Planners, Statisticians and Demographers on the assessment of subregional co-operation among African countries especially in the field of transport and trade (first quarter, 1986).

1.9 Development perspectives of the African region**

1.10 Servicing of the meeting of the Joint Conference of African Planners, Statisticians and Demographers

Final output

Substantive servicing of the fourth session of the Joint Conference of African Planners, Statisticians and Demographers (first quarter, 1986).

SUBPROGRAMME 2: FISCAL, MONETARY AND FINANCIAL ISSUES AT THE NATIONAL LEVEL

(a) General objective of the secretariat: To generate information on and provide analysis of the fiscal and monetary situation of African countries, including their balance of payment, with an emphasis on the improvement of national financial institutions for the integration of rural components of the economy.

(b) Resource requirements

Percentage of programme total

Regular budget	4.6
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 10.85 - 10.88 and revisions (A/39/6).

(d) Programme elements

2.1 Technical assistance and advisory services to countries and territories*

Final output

Advisory services to member States, on request, in the field of fiscal, monetary and financial policies (one country 1986, two countries in 1987).

2.2 The effectiveness of traditional tools of monetary management in Africa**

* Highest priority

** Lowest priority

Final output

Report to the fourth session of African Planners, Statisticians and Demographers on a study on the effectiveness of traditional tools of monetary management in Africa (first quarter, 1986).

2.3 The gaps in agricultural credit and the mobilization of rural areas*Final output

Report to the fourth session of the Joint Conference of African Planners, Statisticians and Demographers on gaps in agricultural credit and the mobilization of resources in rural areas (first quarter, 1986).

2.4 Effective links between fiscal and monetary policies and its impact on the balance of paymentsFinal output

Technical publication: Study on effective links between fiscal and monetary policies and its impact on the balance of payments (second quarter, 1987).

2.5 Mobilization of personal savings in developing countriesFinal output

Technical publication: Study on mobilization of personal savings of African countries (fourth quarter 1987).

SUBPROGRAMME 3: LEAST DEVELOPED COUNTRIES

(a) General objective of the secretariat: To assess and review the implementation of the Substantial New Programme of Action for the least developed countries in the African region.

(b) Resources requirementsPercentage of programme total

Regular budget

6.5

Extrabudgetary

3.3

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6) paras. 10.89 - 10.92 and revisions (A/39.6).

(d) Programme elements3.1 Technical assistance to least developed countries

* Highest priority

Final output

Advisory services to African least developed countries, on request, in development planning, projections and project preparation (three countries in 1986, three countries 1987).

3.2 Review of economic and social conditions in individual African least developed countries*

Final output

Reports to the Conference of Ministers of African Least Developed Countries on the review of economic and social conditions in individual African least developed countries (second quarter, 1986; second quarter, 1987).

3.3 Follow-up and monitoring of the implementation of the Substantial New Programme of Action in African least developed countries

Final output

Reports to Conference of Ministers of African Least Developed Countries on the follow-up monitoring of the implementation of the Substantial New Programme of Action (SNPA) in the African least developed countries (second quarter, 1986; second quarter, 1987).

3.4 In-depth studies on the economies of least developed African countries

Final outputs

Report to the Conference of Ministers of African Least Developed Countries on the implications of structural stabilization programmes on long-term growth and development in African least developed countries (second quarter, 1987).

3.5 Conference of Ministers of African Least Developed Countries*

Final output

Substantive servicing of the meetings of the Intergovernmental Committee of Experts and of the Conference of Ministers of African Least Developed Countries (second quarter, 1986, second quarter, 1987).

The above-mentioned three subprogrammes are executed by the Socio-economic Research and Planning Division.

* Highest priority

SUBPROGRAMME 4: POLICIES, INSTITUTIONS AND TECHNICAL ASSISTANCE
FOR ECONOMIC CO-OPERATION

- (a) (i) General objectives of the secretariat: To render the fullest support to the Multinational Programming and Operational Centres (MULPOCs) and other African intergovernmental organizations with a view to turning them into effective instruments for structural change towards indigenous self-sustaining and self-reliant growth; to provide basic data and research on the complementarities of various national economies and rationalize the activities of intergovernmental organizations in this field;
- (ii) Time-limited subsidiary secretariat objective: To assist in the harmonization of the economic co-operation programmes of different African intergovernmental organizations both with one another and with those of the MULPOCs, in order to accelerate the pace towards subregional economic communities and ultimately a regional economic community by the year 2000.

(b) Resource requirements

Percentage of programme total

Regular budget	50.0
Extrabudgetary	3.3

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 10.93 - 10.98

(d) Programme elements

4.1 Promotion and strengthening of interregional economic and technical co-operation

Final outputs

- (i) Report to the joint meeting of representatives of African and Latin American States on proposals for the establishment of a joint inter-governmental consultative committee for the co-ordination and monitoring of economic and technical co-operation between Africa and Latin America (fourth quarter, 1986);
- (ii) Substantive servicing of a joint meeting of representatives of African and Latin American States to discuss proposals for the establishment of a joint intergovernmental consultative committee for the co-ordination and monitoring of economic and technical co-operation between Africa and Latin America (fourth quarter, 1986);

- (iii) Report to the representatives of African and Latin American States on the implementation of action-oriented proposals made by the first joint intergovernmental meeting of experts from Africa and Latin America in the fields of trade, manpower development and science and technology (fourth quarter, 1986);
- (iv) Advisory services to six African countries with significant potential for ECDC/TCDC activities, on request, on strengthening their national ECDC/TCDC focal points (three missions in 1986, three in 1987);
- (v) Reports to the ECA Conference of Ministers on consultations with ECWA secretariat on modalities for the implementation of the agreed priority projects including preparation of a statistical abstract for the Arab world; establishment of a regional documentation centre; a study on the brain-drain problem; establishment of joint industrial ventures; the African Centre for Applied Research and Training in Social Development (second quarter, 1987).

4.2 Promotion and strengthening of subregional economic co-operation and integration

Final outputs

- (i) Report to the policy organs of the Yaounde-based MULPOC on a study on the implementation of a food security programme for the countries covered by the Yaounde-based MULPOC (first quarter, 1987);
- (ii) Report to the policy organs of the Yaounde-based MULPOC on a study on agricultural pricing policies and marketing of agricultural products in the Yaounde-based MULPOC countries (first quarter, 1987);
- (iii) Technical publication: Simple methods of animal feeding in the Yaounde-based MULPOC area (second quarter, 1986);
- (iv) Report to the policy organs of the Yaounde-based MULPOC on three pre-feasibility studies on Loubomo-Moukoro-Lambarene-Bifoun-Kango, Bitam-Ebebiyin-Bata and Bitam-Ebolowa-Yaounde-Bertoua-Garoua-Boulai roads (first quarter, 1987);
- (v) Report to the policy organs of the Yaounde-based MULPOC on a study on the competitiveness of local industrial and agro-industrial products likely to be traded within the subregion covered by the Yaounde-based MULPOC (first quarter, 1987);
- (vi) Report to the policy organs of the Yaounde-based MULPOC on a study on non-recorded border trade in the Yaounde-based MULPOC area (first quarter, 1987);

- (vii) Report to the policy organs of the Gisenyi-based MULPOC on a study on administrative procedures as an obstacle to trade promotion within CEPGL countries (first quarter, 1987);
- (viii) Report to the policy organs of the Niamey-based MULPOC on a study on the mechanisms and institutional framework for financing trade promotion in West Africa (first quarter, 1987);
- (ix) Report to the policy organs of the Niamey-based MULPOC on a study on the harmonization of pricing policies for agricultural and livestock products in West Africa (first quarter, 1987);
- (x) Report to the policy organs of the Niamey-based MULPOC on the status of national and regional seed multiplication centres in West Africa (first quarter, 1987);
- (xi) Report to the policy organs of the Niamey-based MULPOC on the status of national and regional veterinary centres in West Africa (first quarter, 1987);
- (xii) Report to the policy organs of the Niamey-based MULPOC on a study on the status of facilities for providing and servicing water supply points in rural areas in West Africa (first quarter, 1987);
- (xiii) Report to the policy organs of the Niamey-based MULPOC on the charter of collaboration among West Africa intergovernmental organizations (IGOs) (third quarter, 1986);
- (xiv) Report to the policy organs of the Lusaka-based MULPOC on the constitution and other legal documents for the establishment of the Maize Research Centre for Eastern and Southern African States (first quarter, 1986) (XB);
- (xv) Report to the policy organs of the Lusaka-based MULPOC on a study on economic sanctions against South Africa (third quarter, 1987) (XB);
- (xvi) Report to the policy organs of the Lusaka-based MULPOC on a study on economic development strategy for post-apartheid South Africa (third quarter, 1987) (XB);
- (xvii) Two reports to Southern Africa Labour Commission on economic and social aspects of migratory labour matters in southern Africa (one in 1986, one in 1987);
- (xviii) Substantive servicing of two meetings of the Southern Africa Labour Commission (one in 1986, one in 1987);
- (xix) Substantive servicing of 10 meetings of Councils of Ministers of the five MULPOCs (five in 1986, five in 1987);

- (xx) Report to the policy organs of the Tangiers-based MULPOC on a study on subregional trade promotion in North Africa and Afro-Arab trade and financial relations (first quarter, 1987).

4.3 Promotion and strengthening of inter-subregional and regional co-operation and integration in implementing the Final Act of Lagos*

Final outputs

- (i) Advisory services to member States, one request, on the evolution of inter-subregional policies conducive to closer regional co-operation and integration (two missions in 1986; two in 1987);
- (ii) Report to chief executives of major economic groupings on an assessment of the actual policies and programmes of those groupings with a view to highlighting differences between them and ways and means of progressively eliminating such differences (fourth quarter, 1986);
- (iii) Substantive servicing of a meeting of chief executives of major economic groupings existing in Africa (first quarter, 1987);
- (iv) Advisory services to member States on the identification and formulation of inter-subregional projects, and joint ventures intended to accelerate regional economic co-operation and integration through the co-ordination and the harmonization of the policies and programmes of the subregional economic groupings with a view to establishing gradually appropriate linkages between and among them, and facilitating eventually the creation of an African Common Market in 1990 and of an African economic community by the year 2000 (two missions in 1986; two in 1987).

The above-mentioned subprogramme is executed by the Economic Co-operation Office.

SUBPROGRAMME 5: EDUCATION AND TRAINING FOR DEVELOPMENT

(a) General objective of the secretariat: To assist member States in their manpower training through reappraisal and subsequent development of education and training policies and programmes.

(b) Resource requirements

Percentage of programme total

Regular budget
Extrabudgetary

8.4
33.4

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 10.99 - 10.102.

* Highest priority

(d) Programme elements

5.1 Re-orientation of educational policies, programmes and policies

Final outputs

- (i) Substantive servicing of two national educational staff development workshops for educational planners, curriculum developers and educational administrators on the principles and methods of educational planning and curriculum development (third quarter, 1986 and second quarter 1987);
- (ii) Report to the meeting of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization on policies, programmes and practices for maximizing the use of educational resources (third quarter, 1987);
- (iii) Technical publication: Trends and issues on African education (one issue, fourth quarter, 1986 and fourth quarter, 1987).

5.2 Non-formal education for integrated rural development

Final outputs

- (i) Substantive servicing of two national workshops on the techniques, methods and strategies for improving non-formal education delivery capabilities in rural areas (one workshop in 1986; one in 1987);
- (ii) Report to the meeting of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization on the status of and progress made in non-formal education programmes in African development (third quarter, 1987);
- (iii) Technical publication: Status and effectiveness of existing non-formal education systems (two issues in 1986; one in 1987).

5.3 Occupational testing, career planning and programming, guidance and counselling

Final outputs

- (i) Advisory services to member States, on request, on integrating occupational testing, career guidance and counselling practices into education, training and employment programmes (one mission in 1986; one in 1987);
- (ii) Substantive servicing of one subregional workshop for occupational testing and career-guidance personnel on organizational arrangements for occupational testing, career planning and programming, guidance and counselling (third quarter, 1986);
- (iii) Report to the meeting of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization on progress made and problems encountered in the integration of occupational testing and career guidance and counselling into education, training and employment programmes (third quarter, 1987);

- (iv) Technical publication: The nature, scope and organizational arrangements for occupational testing, guidance and counselling in Africa (second quarter, 1987).

5.4 Training development for performance improvement and career enhancement*

Final outputs

- (i) Advisory services to member States, on request, on the structure and operation of institutional machineries for effective co-ordination and management of training programmes (one mission in 1986; one in 1987);
- (ii) Substantive servicing of two national workshops on training for trainers (staff development officers), university staff development co-ordinators on methodology and training administration and career enhancement (one workshop in 1986 one in 1987);
- (iii) Report to the meeting of the Training Development Conference of the African Association for Training and Development and the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization on the progress, status and effectiveness of staff development programmes in Africa (third quarter, 1986);
- (iv) Technical publication: Handbook for university staff development programme co-ordinators (fourth quarter, 1987).

5.5 Strengthening regional co-operation in manpower development

Final outputs

- (i) Report to the meeting of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization on the programmes, progress and problems of the African Institute for Higher Technical Training and Research and the subregional Graduate Schools of Management (third quarter, 1987);
- (ii) Technical publication: Case study on operations, problems and impact of the African Institute for Higher Technical Training and Research (second quarter, 1987);

5.6 Grants and fellowships administration**

Final outputs

- (i) Identification of fellowship placement to undertake long- or short-term studies in critical areas of manpower needs (100 in 1986; and 100 in 1987) (XB);

* Highest priority

** Lowest priority

(ii) Report to the meeting of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization on the status, mobilization, administration and utilization of resources for the ECA-administered African Fellowship Programme (third quarter 1987);

(iii) Technical publications:

- (a) Directory of Training Institutions in Africa, second edition (fourth quarter, 1987);
- (b) Training Information Notice (two issues each in first and third quarters of 1986 and 1987).

SUBPROGRAMME 6: MANPOWER AND EMPLOYMENT PLANNING AND POLICIES

(a) General objective of the secretariat: To formulate and promote a comprehensive strategy for the development and operation of effective human resources and employment planning system, including the training of personnel and the improvement of human resources and employment planning data base.

(b) Resource requirements

Percentage of programme total

Regular budget
Extrabudgetary

5.5
-

(c) References: Medium-term plan for the period 1984-1989 (A/37/6), paras. 10.103 - 10.108.

(d) Programme elements

6.1 Institutional capability development for policy guidance and programme co-ordination in manpower and employment planning*

Final outputs

- (i) Advisory services to member States, on request, on re-organization and establishment of institutional machineries for effective management and co-ordination of manpower and employment planning processes (one mission in 1986; one in 1987);
- (ii) Substantive servicing of two national workshops for manpower and employment planners on concepts and techniques for manpower and employment planning and preparation of manpower and employment plans and reports (one workshop in 1986, one in 1987);
- (iii) Report to the meeting of the Conference of Ministers Responsible for human Resources Planning, Development and Utilization on the nature, status and scope of manpower and employment planning processes in Africa with suggestions for improvement (third quarter, 1987);

* Highest priority

(iv) Technical publications:

- (a) Manpower and employment planning process in selected member States (two publications in 1986; two in 1987);
- (b) Human resource management in Africa: Issues and trends (fourth quarter, 1987).

6.2 Manpower and employment data bank and information systems development

Final outputs

- (i) Advisory services to member States, on request, on designing instruments for conducting manpower and employment surveys (one mission in 1986; one in 1987) and developing a framework for manpower and employment planning data and information systems (one mission in 1986; one in 1987);
- (ii) Report to the meeting of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization on strategies and measures for strengthening data and information management systems for manpower and employment planning (third quarter, 1987);
- (iii) Technical publications:
 - (a) Time Series Data on Manpower and Employment (third quarter, 1986);
 - (b) Status and problems of manpower and employment data collection and processing in selected member States (two publications in 1986; two in 1987).

6.3 Strengthening institutions for employment generation, job creation and productivity enhancement

Final outputs

- (i) Administration of returnees and placement of experts within the framework of technical co-operation among developing countries (five in 1986; five in 1987) (XB);
- (ii) Substantive servicing of two national workshops for Ministry of Labour and union officials on institutional arrangements, policy formulation and strategies for employment generation, job distribution and productivity enhancement (one oworkshop in 1986; one in 1987);
- (iii) Report to the meeting of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization the status and performance of human resources planning, development and utilization programme strategies (second quarter, 1986; second quarter, 1987);

- (iv) Technical publication: Institutional arrangements, policies and strategies for the enhancement of employment generation, job creation and productivity enhancement in Africa (second quarter, 1987).

6.4 Regional institutions for co-ordination and harmonization of human resource management policies and programmes

Final outputs

- (i) Substantive servicing of:
- (a) two meetings of the Ministerial Follow-up Committee of Nine of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization (one meeting in 1986 and one in 1987),
 - (b) the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization (third quarter, 1987);
- (ii) Report to the meeting of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization on the status and performance of human resources planning, development and utilization (second quarter, 1986);
- (iii) Report to the meeting of the Conference of Ministers Responsible for Human Resources Planning, Development and Utilization on the progress made on programmes and priorities at national level for the implementation of the Conference's decisions on human resource management, policies and programme (third quarter, 1987).

Subprogrammes 5 and 6 are executed by the Public Administration, Management and Manpower Division.

SUBPROGRAMME 7: CENTRAL AND SUBREGIONAL CO-ORDINATION AND INFORMATION EXCHANGE SERVICES

(a) General objective of the secretariat: To create a centralized clearing-house for the dissemination of information relevant to development and to provide the fulcrum for a network of documentation centres in African countries.

(b) Resources requirements

Percentage of programme total

Regular budget
Extrabudgetary

(c) Reference: Proposed revisions to the medium-term plan for the period 1984-1989 (A/39/6), paras. 10.110A - 10.1100

(d) Programme elements7.1 Data base developmentFinal outputs(i) Technical publications:

- (a) DEVINDEX-AFRICA (a development information abstract); (four issues in 1986; four issues in 1987 - one at the end of each quarter) (XB);
- (b) Subregional based DEVINDEX (two issues per year per subregion) (six issues in 1986; six in 1987) (XB);

(ii) User services:

- (a) Retrospective bibliographic information, 650 requests (300 in 1986, 350 in 1987) (XB);
- (b) Selective dissemination of information, 150 profiles (65 in 1986, 85 in 1987) (XB);
- (c) Document/microfiche delivery for African Governments and international organizations (300 documents in 1986, 300 documents in 1987) (XB).

7.2 Complementary data bases and filesFinal outputsUser services:

- (a) Retrospective bibliographies (55 requests in 1986, 130 requests in 1987) (XB);
- (b) Selective dissemination of information (70 profiles in 1986, 82 in 1987) (XB);
- (c) Documents delivery for African Governments and international organizations working in the field of development (150 documents in 1986 and 200 documents in 1987) (XB).

7.3 Information Referral System for TCDCFinal outputs(i) Technical publications:

- (a) Directory of African Institutions for Social and Economic Development (Vol. I, 1986; Vol. II, 1987) (XB);

- (b) Directory of African Development Projects and Programmes, (Vol. I, 1986) (XB); in addition the following:

Supplement 1 at the end of first quarter 1987 (XB).
Supplement 2 at the end of second quarter 1987 (XB).
Supplement 3 at the end of third quarter 1987 (XB).
Supplement 4 at the end of fourth quarter 1987 (XB).

(ii) User services:

- (a) Provision of information available in the data base on African experts, 1,000 requests (400 in 1986, 600 in 1987) (XB);
- (b) Provision of information available in the data base on African institutions for social and economic development, 50 requests (20 in 1986, 30 in 1987) (XB);
- (c) Provision of information on African development and programmes, 200 requests (XB).

7.4 Training programme for personnel of National Information and Documentation Centres

Final outputs

- (i) Eight training courses for indexers, documentalists and information centre managers (four in 1986, four in 1987) (XB);
- (ii) Eight training courses for computer programmers and analysts (four in 1986, four in 1987) (XB);
- (iii) Eight training courses for information and computer scientists and technicians (four in 1986, four in 1987) (XB);
- (iv) Report to the fifth session of the Joint Conference of African Planners, Statisticians, and Demographers on the training of Information Scientists in Africa (first quarter, 1986) (XB).

7.5 PADIS - NET: Computer communications development

Final outputs

- (i) Establishment and strengthening of 10 PADIS institutional participating centres (five 1986, four 1987) (XB);
- (ii) Assistance to 20 member States for the establishment and strengthening of national information and documentation system (ten 1986, ten 1987) (XB);

- (iii) Installation of 30 telecommunication interfaces for interconnection with PADIS regional, subregional and national services and for interconnection with information networks outside Africa (fifteen 1986, fifteen 1987) (XB);
- (iv) Technical advice and assistance to 20 member States with regard to plans, design, installation of teleprocessing systems and access to user-oriented build data bases (internal and/or external) (ten 1986, ten 1987) (XB).

SUBPROGRAMME 8: NATIONAL AND SUBREGIONAL INFORMATION AND DOCUMENTATION SERVICES

(a) General objective of the secretariat: To assist member countries in establishing documentation centres and subregional clearing houses for the dissemination of numerical and non-numerical data files concerning socio-economic development.

(b) Resource requirements

Percentage of programme total

Regular budget

-

Extrabudgetary

-

(c) Reference: Proposed provisions to the medium-term plan for the period 1984-1989 (A/39/6).

(d) Programme elements

8.1 National data base development

Final outputs

- (i) Assistance for technical publication of country-based DEVINDEX (two issues per year per selected countries) (eight issues in 1986, eight issues in 1987) (XB);
- (ii) Technical assistance to eight member States for the establishment of information/data storage and retrieval capabilities (four centres in 1984, four centres in 1987) (XB).

Subprogrammes 7 and 8 are executed by the Pan-African Documentation and Information System (PADIS).

ENVIRONMENT IN AFRICA

A. Programme objectives

This programme is carried out by the Environment Section of the Social Development, Environment and Human Settlements Division. It has one subprogramme whose objectives during the plan period 1984-1989 will be as follows:

B. Work programme

SUBPROGRAMME 1: DEVELOPMENT OF ENVIRONMENTAL CAPABILITIES INCLUDING CONSERVATION OF RESOURCES AND POLLUTION CONTROL

(a) General objectives of the secretariat: To assist member States in the formulation of environmental policies, in the establishment of institutions, including legislative bodies, and in the design and organization of manpower training with technological support, environmental education for the public, and an information system for controlling environmental problems, and to promote the development and management of land-based, coastal and marine natural resources, the use of non-conventional sources of energy, pollution control in the development process and measures to combat the growing encroachment of deserts on arable land.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	67
Extrabudgetary	33

(c) Reference: Medium-term Plan for the period 1984-1989 (A/37/6), paras. 12.51 - 12.56.

(d) Programme elements:

1.1 Technical co-operation for developing national environmental capabilities

Final outputs

- (i) Advisory services to member States, on request, in the implementation of the Regional Plan of Action to combat the impacts of drought in Africa (one mission in 1986; one in 1987);
- (ii) Report to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on progress in the development of environmental capabilities to combat desertification in the Africa region (first quarter, 1987) (X3);

- (iii) Report to the ECA Conference of Ministers on the progress being made in the establishment of an advanced centre for meteorological studies in Africa within an existing institution (second quarter, 1986).

1.2 Co-ordination and environmental activities within the Commission, with UNEP and with other international organizations working on environmental problems in Africa

Final output

Substantive servicing of the fifth meeting of the Joint Intergovernmental Regional Committee on Human settlements and Environment responsible for planning environmental policies and priorities of programming activities in Africa (first quarter, 1987).

1.3 Environmental assessment and management relating to the impact of development on natural resources utilization, including pollution control and waste disposal**

Final outputs

- (i) Report to the Council of Ministers of the Lusaka-based MULPOC on the environmental problems related to the development and management of underground water for agricultural use in the countries of the Kalahari desert region (first quarter, 1986);
- (ii) Report to the Council of Ministers of the Lusaka-based MULPOC on the effects of pollution and waste disposal from the copper mines on human settlements in the Copperbelt area (first quarter, 1987);
- (iii) Report to the Joint Intergovernmental Regional Committee on the evaluation of the impact of measures recommended at the twelfth ECA Conference of Ministers to solve problems of environmental health and diseases relating to water resource development (second quarter, 1987).

1.4 Development of manpower capabilities and creation of environmental training and education activities

Final outputs

- (i) Report to the Joint Intergovernmental Regional Committee on the development of curricular teaching materials and programming strategies for incorporating environmental components into ongoing and future training programmes of ECA-sponsored institutions (first quarter, 1987) (XB);
- (ii) Technical publications: Directory of National Environmental Specialists and List of Institutions dealing with environmental matters in the Africa region (third quarter, 1986) (XB);
- (iii) Substantive servicing of a workshop and study tour in China for 21 African environmental experts on techniques for combating drought and desertification (third quarter, 1987) (XB).

**Lowest priority

HUMAN SETTLEMENT IN AFRICA

A. Programme objectives

The human settlement programme which is executed by the Social Development, Environment and Human Settlements Division is made up of two subprogrammes whose respective objectives during the plan period 1984-1989 are shown below under each subprogramme.

B. Work programme

SUBPROGRAMME 1: POLICY DEVELOPMENT AND INSTITUTION-BUILDING

(a) (i) General objective of the secretariat: The formulation and promotion of an integrated approach to human settlements policy and programmes at the regional and national levels;

(ii) Time-limited subsidiary objectives of the secretariat: Assistance in the establishment of an effective mechanism for formulating and implementing human settlements policies and strategies contained in national development policies through issuance of a series of technical publications on the subject; developing relevant research programmes on human settlements planning techniques for different environments in the region.

(b) Resource requirements

Percentage of programme total

Regular budget	40
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 14.56 - 14.61.

(d) Programme elements

1.1 Human settlements policy formulation

Final outputs

- (i) Advisory services to member States, on request, on strengthening and developing national institutional machinery for the formulation and implementation of human settlement policies (one mission in 1986, one in 1987);
- (ii) Report to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on identification of measures which will assist in the incorporation of human settlements development programme in the overall process of socio-economic development (first quarter, 1987);

- (iii) Substantive servicing of one session of the Joint Intergovernmental Regional Committee on Human Settlements and Environment (first quarter, 1987);
- (iv) Technical publication: Institutional mechanisms for the formulation and implementation of human settlements policies in Africa (first quarter, 1986).

1.2 Human settlements planning and programming

Final output

- (i) Technical publication: Research programmes on human settlements planning techniques for different environments in the region (fourth quarter, 1987).

SUBPROGRAMME 2: EFFICIENT RESOURCES DEVELOPMENT AND UTILIZATION

- (a) (i) General objectives of the secretariat: The formulation and promotion of an appropriate approach to the design and implementation of housing policies through appropriate structures and machineries, including: the developing of housing financing mechanisms; the dissemination of adopted technologies; the development and use of skilled manpower; the development of construction and building materials industries, policies and programmes and the development of a regional system of information and dissemination of human settlements documentation.
- (ii) Time-limited subsidiary objectives of the secretariat: Issuance of a set of technical publications on the development of local building techniques and materials; publication of model building codes and regulations as a way of rationalizing construction activities; strengthening regional construction and building materials research capacities particularly through the establishment of centres for building and building materials research; establishment and strengthening of human settlements information and documentation systems; and developing forms of popular participation tailored to the characteristics of the region.

(b) Resource requirements

Percentage of programme total

Regular budget	60
Extrabudgetary	-

- (c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 14.61 - 14.65.

(d) Programme elements

2.1 Training of human settlements personnel

Final outputs

- (i) Report to the ~~Joint Intergovernmental Regional Committee on Human Settlements and Environment~~ on programmes for the strengthening and/or setting up of training facilities for human settlements personnel at all levels in Africa (first quarter, 1987);
- (ii) Advisory services to member States, on request, on programmes and projects for improving and developing training facilities and programmes (one mission in 1986, one in 1987);
- (iii) Technical publication: Programmes and projects for improving and developing training facilities and programmes and related institutions for the training of human settlements personnel in the region (fourth quarter, 1987).

2.2 Public participation in human settlements and development

Final outputs

- (i) Technical publication: Programmes for promotion of institutionalized public participation systems in human settlements (fourth quarter, 1986);
- (ii) Report to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on a study on programmes for promoting public participation systems in human settlements (first quarter, 1987).

2.3 Construction industry facilities**

Final outputs

- (i) Substantive servicing of the meetings of the board of directors and of the consultative research committee of the newly established subregional building materials research centre, at Cacavelli, Togo (two in 1986; two in 1987);
- (ii) Advisory services to the subregional building and building materials research centre on the compilation of information on research needs and priorities, evaluation of ongoing activities, preparation of a draft research workplan, organization of training programmes and on publication of technical manuals (two missions in 1986; two in 1987).

2.4 Development of building materials industry*

Final outputs

- (i) Report to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on integrated approaches to the evaluation of building construction needs as a requisite for the elaboration of sound construction policies and programmes for developing building materials industries in Africa (first quarter, 1987);
- (ii) Advisory services to member States, on request, on strategies for the development of building materials production industries and on related policies and programmes in Africa (one mission in 1986; one in 1987);
- (iii) Technical publication: Approaches to the formulation of comprehensive construction planning and implementation policies in Africa (fourth quarter, 1987).

* Highest priority

INDUSTRIAL DEVELOPMENT IN AFRICA

A. Programme objectives

The industrial development programme which is executed by the Joint ECA/UNIDO Industry Division is made up of four subprogrammes whose respective objectives during the plan period 1984-1989 are shown below under each subprogramme:

B. Work programme

SUBPROGRAMME 1. POLICY DEVELOPMENT, PLANNING AND INSTITUTION BUILDING

(a) General objectives of the secretariat: To assist African countries in the formulation of policies and strategies for the translation of the industrial objectives of the Lagos Plan of Action into specific projects consistent with their national priorities; to assist in the establishment of appropriate machineries at national, subregional and regional level and in the improvement of capabilities for policy formulation and implementation, planning and industrial development.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	34.3
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/76), paras. 15.84 - 15.87.

(d) Programme elements

1.1 Industrial policies and planning

Final outputs

(i) Advisory services to member States, on request:

- (a) on industrial policies and planning (one mission in 1986);
- (b) on developing indigenous capabilities for implementing integrated industrial programmes within the framework of core industries at national or multinational levels (one mission in 1986);
- (c) on consultations, promotion and negotiations for implementation of the agreed multinational core industrial projects (one mission in 1986, one in 1987);

(ii) Report to the eighth meeting of the Conference of African Ministers of Industry on the implementation of the programme for the Industrial Development Decade for Africa (first quarter, 1986);

- (iii) Report to the Conference of African Ministers of Industry on the practical experiences of Latin American and Asian regions on modalities of negotiation for and implementation of the establishment of multinational chemical, metal and engineering and other industrial enterprises and the prospects for industrial co-operation between developing regions (first quarter, 1987);
- (iv) Report to the subregional investment promotion meetings on collaboration in investment promotion, mobilization of resources and industrial raw materials, and market pooling (fourth quarter, 1986);
- (v) Technical publication: "Investment Africa Bulletin" (biannually) (two issues in 1986; two in 1987);
- (vi) Report to the ninth meeting of the Follow-up Committee on Industrialization in Africa on review and appraisal of the progress of the Industrial Development Decade for Africa (first quarter, 1987);
- (vii) Substantive servicing of:
 - (a) the eighth and ninth meetings of the Follow-up Committee on Industrialization in Africa (second quarter 1986, second quarter 1987);
 - (b) the eighth meeting of the Conference of African Ministers of Industry (second quarter, 1986).

1.2. General institution building**

Final outputs

(i) Advisory services to:

- (a) member States, on request on the development of appropriate institutions for industrialization and in restructuring industrial development and co-operation and promotion mechanisms with a view to widening their operational scope at multinational level (one mission in 1986; one in 1987); and
- (b) intergovernmental institutions such as ARCEDEM and AIDF (one mission in 1986, one in 1987);

(ii) Report to the Federation of Chambers of Commerce and Industry on their role in and contribution to the implementation of the Industrial Development Decade for Africa (second quarter, 1986);

(iii) Substantive servicing of a meeting of the Federation of Chambers of Commerce and Industry on the review of their role in and contribution to the implementation of the Industrial Development Decade for Africa (third quarter, 1986)

SUBPROGRAMME 2. DEVELOPMENT OF BASIC INDUSTRIES

- (a) (i) General objectives of the secretariat: To assist member States in developing and applying capabilities in project identification and formulation, and in the promotion of modalities for co-operation in mobilizing resources for implementing particularly those related to integrated multinational complexes accorded high priority by member States;
- (ii) Time-limited subsidiary objectives of the secretariat: To continue to assist member States in establishing the proposed national co-ordinating committees for the promotion and implementation of the programme for the Industrial Development Decade for Africa; to assist member States in organizing and conducting national workshops with the participation of all the relevant sectors and institutions and in examining and adjusting their development plans, with a view to incorporating, as appropriate, the concepts, guiding principles and objectives of the programme for the Decade in their national plans; to assist member States to identify, as a matter of urgency, the group of strategic and core industrial projects at both the national and multinational levels and to prepare such projects for joint operations, particularly in the context of the MULPOCs; to monitor at the national, subregional and regional levels the progress being made in the implementation of the goals and objectives of the Decade and to prepare reports for consideration by intergovernmental bodies (Conference of Ministers of Industry, OAU and the General Assembly); to service the biennial meetings of the Ministerial Follow-up Committee on Industrialization in Africa; and the biennial meetings of the Conference of African Ministers of Industry.

(b) Resource requirementsPercentage of programme total

Regular budget	42.2
Extrabudgetary	66.7

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 15.88 - 15.93;

(d) Programme elements2.1 Development of chemical industryFinal outputs(i) Advisory services to member States, on request:

- (a) on consultation and negotiations for the implementation of multinational chemical projects (one mission in 1986);

- (b) on planning raw materials, energy, manpower, final products and market for multinational projects (one mission in 1986; one in 1987);
- (c) on investment promotion (one mission in 1987);
- (ii) Report to the Conference of African Ministers of Industry on optimizing the utilization of existing installed capacity in the chemical industry through industrial co-operation (second quarter, 1986);
- (iii) Reports to the Councils of Ministers of the MULPOCs on the progress of implementation of IDDA chemical projects (three in 1986; three in 1987);
- (iv) Technical publication: Guidelines on consultation, negotiation and investment promotion of multinational chemical projects (third quarter, 1986).

2.2 Development of engineering industry

Final outputs

- (i) Advisory services to member States, on request:
 - (a) on consultations and negotiations for the implementation of multinational engineering projects (one mission in 1986);
 - (b) on planning raw materials, energy, manpower, final products including spare parts and market for engineering projects (one mission in 1986; one in 1987);
 - (c) on investment promotion (one mission in 1987);
- (ii) Report to the Conference of African Ministers of Industry on optimizing the utilization of existing installed capacity in the engineering industry through industrial co-operation (second quarter, 1986);
- (iii) Reports to the Councils of Ministers of the MULPOCs on the progress of implementation of IDDA engineering projects (three in 1986; three in 1987);
- (iv) Technical publications: Project profiles on manufacture of wagons, machine tools, post-harvesting machinery, pump and irrigation equipment, switch-gear and accessories for power generation, transmission and distribution equipment and related spare parts for these industries (three in 1986; three in 1987);
- (v) Technical publication: Directory of engineering core industries based on all core industry profiles prepared by ECA from 1981 to 1987 (fourth quarter, 1987);

- (vi) Technical publication: Manufacture of wagons in the Eastern and Southern African subregion and Central African subregion (first quarter, 1986);
- (vii) Technical publication: Manufacture of agricultural tools, implements and machinery in the West African and North African subregions (first quarter, 1987);
- (viii) Technical publication: Guidelines or consultations, negotiations and investment promotion of multinational engineering projects (third quarter, 1986);
- (ix) Substantive servicing of a workshop on manufacture of wagons in the Eastern and Southern African subregion and Central African subregion (second quarter, 1986);
- (x) Substantive servicing of a workshop on manufacture of agricultural tools, implements and machinery in the West African and North African subregions (second quarter, 1987).

2.3 Development of metal industry

Final outputs

(i) Advisory services to member States, on request:

- (a) on consultation and negotiations for the implementation of multinational metallurgical projects (one mission in 1986);
- (b) on planning raw materials, energy, manpower, final products and market for metallurgical projects (one mission in 1986; one in 1987);
- (c) on investment promotion (one mission in 1987);
- (ii) Report to the Conference of African Ministers of Industry on optimizing the utilization of existing installed capacity in the iron and steel industry and related engineering industries through industrial co-operation (second quarter, 1986);
- (iii) Reports to the Councils of Ministers of the MULPOCs on the progress of the implementation of IDDA metallurgical projects (three in 1986; three in 1987);
- (iv) Technical publication: Guidelines on consultation, negotiation and investment promotion of multinational metallurgical and related engineering projects (third quarter, 1986).

2.4 Promotion of the establishment of multinational industrial projects/programmes*

* Highest priority

Final outputs

Substantive servicing of six intergovernmental technical meetings on consultation, negotiation and investment promotion on multinational projects in the context of the MULPOCs (three in 1986; three in 1987).

SUBPROGRAMME 3: DEVELOPMENT OF AGRO- AND FOREST-BASED INDUSTRIES

(a) General objectives of the secretariat: To assist member States in developing and applying capabilities in project identification, design, promotion, implementation and monitoring by means of technical publications and to mobilize resources for the implementation of projects, particularly processing projects;

(b) Resource requirements

Percentage of programme total

Regular budget	16.1
Extrabudgetary	8.3

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 15.94 - 15.97;

(d) Programme elements

3.1 Development of agro-based industries**Final outputs**

(i) Advisory services to member States, on request, on:

(a) identification of viable food and agro-based industries (one mission in 1986);

(b) policy aspects, legislative actions and institutional services needed to facilitate the development of food and agro-based industries (one mission in 1986);

(c) planning raw materials and other inputs including manpower and technology and markets for food and agro-based industries (one mission in 1986; one in 1987);

(ii) Technical publication: Project profiles on food processing and food-based industries (two in 1986, one in 1987);

(iii) Reports to the Councils of Ministers of the MULPOCs on integrated development of resource-based production of agro-industrial products including related development of manpower (three in 1986; three in 1987);

- (iv) Substantive servicing of a workshop for training of manpower for food processing industries (second quarter, 1987).

3.2. Development of forest-based industries

Final outputs

- (i) Advisory services to member States, on request on:
 - (a) consultation and negotiations for the implementation of identified multinational pulp and paper industries (one mission in 1986);
 - (b) planning raw materials, energy, manpower, final products and market for multinational pulp and paper projects (one mission in 1986; one in 1987);
 - (c) on investment promotion (one mission, 1987);
- (ii) Technical publication: Project profiles on recycling of paper and packaging materials (one in fourth quarter, 1986; one in fourth quarter, 1987);
- (iii) Report to the Council of Ministers of West African MULPOC on consultations, negotiations and investment promotion in multinational pulp and paper industries in West Africa (third quarter, 1986);
- (iv) Reports to the Councils of Ministers of the MULPOCs on planning inputs, final products, markets and manpower training for identified multinational pulp and paper industries and on their investment promotion (three in 1986; three in 1987).

SUBPROGRAMME 4: DEVELOPMENT OF SMALL-SCALE INDUSTRIES

- (a) General objectives of the secretariat: To assist member States in the promotion of small-scale industrial activities, specifically by means of substantive servicing of meetings, technical publications and technical assistance.

(b) Resources requirements

Regular budget

7.4

Extrabudgetary

25

Percentage of programme total

- (c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 15.98 - 15.103;

(d) Programme elements

4.1 Policies and institutions for small-scale industries

Final outputs

Advisory services to member States, on request, on policies for the development of support institutions and services (two missions in 1986; one in 1987).

4.2 Improving the capability of entrepreneurs of small-scale industries***Final outputs**

- (i) Advisory services to member States, on request, on the preparation of a portfolio of project profiles on specific small-scale industrial projects (two missions in 1986; two in 1987);
- (ii) Technical publications: Updates of project profiles for the directory of small-scale industries (15 profiles in 1986; 15 in 1987);
- (iii) Substantive servicing of a workshop for the chambers of commerce and industry on the promotion of small-scale industries (third quarter, 1987).

*** Highest priority**

INTERNATIONAL TRADE AND DEVELOPMENT FINANCE IN AFRICA

A. Programme objectives

The programme of international trade and development finance in Africa which is implemented by the International Trade and Finance Division is made up of four subprogrammes whose respective objectives are shown under each subprogramme as follows:

SUBPROGRAMME 1: DOMESTIC TRADE AND FINANCE

(a) (i) General objectives of the secretariat: To assist the intergovernmental bodies in the preparation of studies and the elaboration of proposals with a view to optimizing the contribution of domestic trade development to the socio-economic development of member States;

(ii) Time-limited subsidiary objectives of the secretariat: Assistance in the establishment of effective trade mechanisms for balanced development between the industrial and agricultural sectors, and between urban and rural sectors of the economy; the publication of the related sets of studies and reports based on groups of countries; and identification of the most rational channels of domestic distribution of goods with a view to ensuring that all geographical regions of a country are well served, particularly with regard to foodstuffs.

(b) Resource requirementsPercentage of programme total

Regular budget

6.7

Extrabudgetary

-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 16.103 - 16.106.

(d) Programme elements1.1 Technical assistance to countries and territories*Final output

Advisory services to member States, on request, on the establishment of effective domestic trade mechanism for balanced development between industrial and agricultural sectors of the economy (one mission in 1986; one mission 1987).

* Highest priority

1.2 Alternative patterns of domestic trade structures and mechanisms for the establishment of more rational distribution channels and domestic financial markets

Final outputs

- (i) Technical publications: Case studies on alternative patterns of domestic trade, structures and mechanisms for the establishment of more rational distribution channels and domestic financial markets (one case study in Eastern Africa, 1986; one in Southern Africa, 1986; one Central Africa, 1986);
- (ii) Technical publication: Alternative patterns of domestic trade in selected African countries (one, second quarter, 1987);
- (iii) Substantive servicing of a regional expert group meeting of African heads of domestic trade (fourth quarter, 1987).

SUBPROGRAMME 2: INTRA-AFRICAN TRADE

- (a) (i) General objectives of the secretariat: To promote an appropriate approach to the design and implementation of policies and measures for fostering inter-country trade, financial and monetary co-operation and the development of appropriate institutions and skills, through the preparation of technical publications and the elaboration of policy proposals;
- (ii) Time-limited subsidiary objectives of the secretariat: The technical publications and policy proposals of the secretariat are aimed at assisting member States during the biennium to establish:
 - (a) an economic community in North Africa and strengthening of existing institutions in accordance with the Final Act of Lagos;
 - (b) subregional clearing and payments institutions - African Monetary Fund;
 - (c) subregional and regional distribution enterprises with necessary storage facilities for major intra-African trade in commodities;
 - (d) national trade promotion institutions.

(b) Resource requirements

Percentage of programme total

Regular budget	46.4
Extrabudgetary	-

- (c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 16.107 - 16.110;

(d) Programme elements

2.1 Technical assistance to countries and territories

Final outputs

- (i) Advisory services to member States, on request, on developing appropriate measures for supporting intra-African multilateral trade negotiations, and on reduction and elimination of tariff barriers within the existing intergovernmental groupings (two missions in 1986; two in 1987);
- (ii) Reports to the Council of Ministers of ECCAS on:
 - (a) transit facilities and rules of origin (first quarter, 1986);
 - (b) trade, monetary and customs co-operation (first quarter, 1986);
- (iii) Substantive servicing of a workshop for senior trade and customs officials on trade policy and rules of origin (second quarter, 1986);
- (iv) Substantive servicing of a meeting of the Trade Committee of ECCAS on trade liberalization (fourth quarter, 1987).

2.2 Development of intra-African trade

Final outputs

- (i) Report to the Council of Ministers of the Lusaka-based MULPOC on border trade in Eastern and Southern Africa (first quarter, 1987);
- (ii) Report to the Council of Ministers of the Yaounde-based MULPOC on unrecorded border trade in Central Africa (first quarter, 1987);
- (iii) Report to the Council of Ministers of the Lusaka-, Gisenyi-, Yaounde-, Niamey- and Tangier-based MULPOCs on the implementation of the Lagos Plan of Action in the field of intra-African trade (first quarter, 1986; first quarter, 1987);
- (iv) Report to the Ministerial Follow-up Committee on Trade and Finance for African development on identification of products largely consumed in rural areas with a view to securing their large-scale production and availability for intra-African trade (first quarter, 1987).

2.3 Trade and finance information services

Final outputs

Technical publications: African Trade Bulletin (four issues each in 1986 and 1987); Flash on Trade Opportunities (12 issues each year in 1986 and 1987).

2.4 Trade promotion, market research and marketing techniques

Final outputs

- (i) Report to the Ministerial Follow-up Committee on Trade and Finance for African Development on market research and marketing techniques for trade promotion organizations (second quarter, 1986);
- (ii) Technical assistance on establishment and strengthening of national, subregional and regional trade promotion organizations including trade information and market research (one mission, second quarter, 1986; one mission, third quarter, 1987).

2.5 Technical support services to the African Group in negotiations on state trading organizations**

Final outputs

- (i) Report to the Ministerial Follow-up Committee on Trade and Finance for African Development on the improvement of management systems of African STOs (second quarter, 1986 and 1987);
- (ii) Advisory services to state trading organizations, on request, so that they can make effective contribution to the work of the Association of State Trading Organizations (ASTRO) (second quarter, 1987).

SUBPROGRAMME 3: TRADE WITH NON-AFRICAN COUNTRIES

- (a) (i) General objectives of the secretariat: To assist African countries through technical publications, policy proposals and technical assistance in improving significantly the conditions under which their external trade takes place and in expanding and diversifying their trade patterns with non-traditional partners; and to prepare for and service meetings aimed at assisting member States in harmonizing their positions on matters related to trade relations with the developed world;
- (ii) Time-limited subsidiary objectives of the secretariat:
 - (a) Assist member States to establish a suitable mechanisms for trade expansion between African and other developing regions, including the setting up of interregional associations of state trading organizations, multinational marketing entrepreneurs and producer associations;
 - (b) To review and assess continuously the implementation of UNCTAD resolutions, including those relating to the Integrated Programme for Commodities and the Common Fund in African countries;

** Lowest priority

- (c) To assist developing African countries in safeguarding their interests in the implementation of the proposed global scheme of preferences among developing countries;
- (d) To develop and disseminate techniques and methodologies for the expansion of trade between African countries and the socialist countries of Eastern Europe.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	26,6
Extrabudgetary	

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 16.111 - 16.114;

(d) Programme elements

3.1 Technical assistance to countries and territories

Final outputs

- (i) Technical backstopping to member States in connection with Africa's participation in international negotiations meetings of the Trade and Development Board (TDB) of UNCTAD and the Seventh Session of UNCTAD (one mission 1986, one in 1987);
- (ii) Substantive servicing of the fourth meeting of the Ministerial Follow-up Committee on Trade and Finance for African Development (first quarter, 1986);
- (iii) Report to the ninth meeting of the Conference of African Ministers of Trade on the status of international trade negotiations (first quarter, 1987);
- (iv) Substantive servicing of the ninth meeting of the Conference of African Ministers of Trade (first quarter, 1987);
- (v) Report to the Conference of African Ministers of Trade preparatory to UNCTAD VII on recent developments in the field of trade and co-operation (fourth quarter, 1986);
- (vi) Substantive servicing of the Group of 77 meeting preparatory to UNCTAD VII (1987);
- (vii) Substantive servicing of the meeting of the Conference of African Ministers of Trade preparatory to UNCTAD VII (1987).

3.2 Implementation of elements of the Integrated Programme for Commodities other than those regarding the Common Fund, in respect of the African region

Final outputs

Report to the fourth meeting of the Ministerial Follow-up Committee on Trade and Finance for African Development on the implementation of the Integrated Programme of Commodities for Africa (first quarter, 1986);

3.3 Trade and economic co-operation between African countries and socialist countries of Eastern Europe

Final outputs

- (i) Technical publication: Prospects and obstacles of expanding trade between African countries and the socialist countries of Eastern Europe (second quarter, 1986);
- (ii) Substantive servicing of an intergovernmental workshop on trade expansion between Africa and the socialist countries of Eastern Europe (second quarter, 1986).

3.4 Trade expansion between the African region and other developing regions

Final outputs

- (i) Advisory services to member States on the promotion of interregional trade between Africa and other developing regions (one mission, fourth quarter, 1986);
- (ii) Technical publication: Trade prospects, and problems of promoting and expanding interregional trade between the African region and other developing regions (third quarter, 1986).

3.5 Global system of trade preference among developing countries

Final outputs

Technical publication: The impact of the global system of trade preferences and Africa's trade (first quarter, 1987).

SUBPROGRAMME 4: FINANCIAL AND MONETARY POLICIES

- (a) (i) General objectives of the secretariat: To issue technical publications and make policy proposals aimed at assisting member States to optimize and derive maximum benefit from their financial and monetary relations with the rest of the world;

(ii) Time-limited subsidiary objectives of the secretariat

- (a) Assist member States to participate meaningfully in international negotiations on a fundamental reform of the international monetary system;
- (b) To make proposals on measures to be taken by member States, including possible linkages to be established between subregional clearing arrangements so as to promote strong monetary and financial co-operation among themselves and other developing countries with a view to bringing about a more rational international financial and monetary system;
- (c) Assist member States in evolving a strategy for overcoming their balance-of-payments and debt problems both at the international and regional levels, in close collaboration with the African Centre For Monetary Studies.

(b) Resource requirements

Regular budget
Extrabudgetary

Percentage of programme total

20.3

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 16.115 - 16.120;

(d) Programme elements

4.1 Technical assistance to countries and territories

Final outputs

- (i) Draft memoranda for the African Governors of the World Bank and the IMF to the President and Managing Director of the World Bank and the IMF respectively (one each 1986, one each 1987);
- (ii) Substantive servicing of the annual meeting of the Working Party of African Governors in the IMF/World Bank (one meeting, third quarter, 1986; one, third quarter, 1987);
- (iii) Technical publication: The development of subregional monetary and financial institutions (first quarter, 1986);
- (iv) Advisory services to member States on request on the establishment and strengthening of subregional monetary and financial institutions (one mission, third quarter, 1987).

4.2 Role of external capital flows in African development**

Final output

Technical publication: Review of recent developments in Africa's impacts of external indebtedness (second quarter, 1987).

4.3 African participation in monetary co-operation and multilateral clearing and payments

Final outputs

Technical publication: Impact of multilateral payments arrangements on African economic development (third quarter, 1986).

4.4 Intra-African monetary and financial co-operation

Final outputs

- (i) Technical publication: Export credit financing and insurance for Central and North Africa (second quarter, 1986; second quarter, 1987);
- (ii) Technical publication: The establishment of clearing and payments arrangements in North Africa (third quarter, 1987);
- (iii) Report to the African Ministers of Finance on draft articles of agreement for establishing an African Monetary Fund (second quarter, 1986);
- (iv) Substantive servicing of a meeting of Ministers of Finance to adopt the articles of agreement of the African Monetary Fund (first quarter, 1987);
- (v) Advisory services to member States on request on development finance institutions and other forms of monetary and financial co-operation (one mission, first quarter, 1986; one mission, first quarter, 1987).

** Lowest priority

NATURAL RESOURCES IN AFRICA

A. Programme objectives

The programme of natural resources in Africa which is executed by the Natural Resources Division has three subprogrammes whose respective objectives are as follows:

B. Work programme

SUBPROGRAMME 1: MINERAL RESOURCES

- (a) (i) General objectives of the secretariat: To assist African countries and territories in improving knowledge of their mineral resources including the development of appropriate institutional structures and technical and managerial capabilities for the efficient exploitation and utilization of mineral resources at all levels;
- (ii) Time-limited subsidiary objectives of the secretariat: To assist member States in establishing mineral resources development centres in the West and North African subregions; establishment of a regional body to assist governments in appraising policy, legislation and mining; and organization of one or two seminars or workshops on the role of and prospects for major minerals in regional development.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	33.3
Extrabudgetary	50.0

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 17.67 - 17.71;

(d) Programme elements

1.1 Technical assistance to countries, territories and multinational institutions

Final outputs

- (i) Advisory services to member States and multinational institutions, on request, on technical, managerial, legal and economic aspects of mineral exploration and exploitation (one mission in 1986; one in 1987);
- (ii) Substantive servicing of the meeting of the African council for mineral resources development (second quarter, 1986);
- (iii) Assistance to the Eastern and Southern and Central African Mineral Resources Development Centres in Dodoma (United Republic of Tanzania) and

in Brazzaville (Congo) on technical and managerial aspects of mineral resources development and institutional organizations (two missions in 1986; and two in 1987);

- (iv) Reports to the Councils of Ministers of the Niamey- and Gisenyi-based Multinational Programming and Operational Centres (MULPOCs) on progress in the implementation of the recommendations of the second Regional Conference on the Development and Utilization of Mineral Resources in Africa (two reports, first quarter, 1987);

1.2 Inventory of African mineral resources

Final output

Technical publication: Availability of commodities responding to the industrial development needs of Africa (one in 1986; one in 1987).

1.3 Joint ECA/UNITAR African Symposium on small-scale gold mining

Final outputs

- (i) Substantive servicing of a regional symposium on small-scale gold mining in Africa (fourth quarter, 1986);
- (ii) Technical publication: Report of the regional symposium on small-scale gold mining in Africa (second quarter, 1987).

1.4 Establishment of a multinational mineral resources development centre in the West African subregion**

Final outputs

- (i) Report to governmental plenipotentiaries on feasibility studies on the establishment of the West African Mineral Resources Development Centre (fourth quarter, 1986);
- (ii) Substantive servicing of the meeting of government plenipotentiaries on the establishment of the West African Mineral Resources Development Centre (fourth quarter, 1987).

SUBPROGRAMME 2: WATER RESOURCES

(a) General objectives of the secretariat: To assist countries and territories of the region in acquiring a knowledge base of surface and ground-water resources and in developing institutional capabilities for the appropriate exploitation and development of their water resources.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular	43.4
Extrabudgetary	

** Lowest priority

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 17.72 - 17.75.

(d) Programme elements

2.1 Support in the development and management of water resources at the national and subregional levels

Final outputs

- (i) Advisory services to member States, on request, on the assessment of surface-water and ground-water availability and on developing institutional capabilities for the appropriate exploitation and development of water resources (two missions in 1986; two in 1987);
- (ii) Report to the Council of Ministers of the West Africa Multinational Programming and Operational Centre (MULPOC) on the adequacy of hydrological networks and facilities for data processing and analysis in West Africa (first quarter, 1987);
- (iii) Report to the Council of Ministers of the Eastern and Southern Africa Multinational Programming and Operational Centre (MULPOC) on the status of water resources development in Eastern and Southern Africa (first quarter, 1987).

2.2 Follow-up to the Mar del Plata Action Plan of the United Nations Water Conference including the International Drinking Water Supply and Sanitation Decade (1981-1990) in Africa

Final output

Substantive servicing of an intergovernmental meeting on the establishment of an Intergovernmental Committee on Water for the Africa region (second quarter, 1986).

2.3 Integrated river basin development and management

Final outputs

- (i) Advisory services to member States, on request, on integrated river basin development and management (one mission in 1986; one in 1987);
- (ii) Report to the ECA Conference of Ministers on recommendations for strengthening existing river basin commissions or creating new ones (second quarter, 1987);
- (iii) Report to the intergovernmental meeting on proposals for future co-operation in water resources development;
- (iv) Substantive servicing of an intergovernmental meeting of riparian States of Lake Tanganyika/Kivu basin (second quarter, 1987).

2.4 Development of water resources in drought-affected areas*

Final output

Report to the ECA Conference of Ministers on the long-term strategy for water resources development in drought-affected areas (second quarter, 1987).

2.5 Planning, policy-making and legislation**

Final output

Sales publication: Economic aspects of rural water supply in Africa (fourth quarter, 1987).

SUBPROGRAMME 3: CARTOGRAPHY AND REMOTE SENSING

(a) (i) General objectives of the secretariat: To provide technical assistance to member States in the development of their national capabilities in the field of surveying, mapping and remote sensing as well as technical support to the regional training and users assistance centres; to assist member States on a subregional basis in establishing ground receiving and processing stations through active participation in most technical meetings at which specifications for the ground segments are discussed and in the formulation of project documents for the consideration of potential donors as their contributions to the installation of the stations as well as assisting them to pool their resources for the benefit of all with a view to developing closer technical co-operation;

(ii) Time-limited subsidiary objectives of the secretariat: To undertake a study on manpower requirements in the field of surveying, mapping and in remote sensing units, in selected countries.

(b) Resource requirements

Percentage of programme total

Regular budget
Extrabudgetary

23.3
50.0

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 17.76 - 17.79;

(d) Programme elements

* Highest priority
** Lowest priority

3.1 Technical assistance to countries, territories and multinational institutions

Final outputs

- (i) Advisory services to member States, on request, on the appraisal of their national cartographic institutions and the development of human and material capabilities for cartography and remote sensing including the application of their techniques for the planning and development of their natural resources (one in second quarter of 1986; one in third quarter of 1987);
- (ii) Substantive servicing of two seminars, jointly organized and serviced by the secretariat and the African Association of Cartography with UNDTCD, on the establishment of national geographical names authorities to achieve common toponyms for same features depicted to topographical maps, one in English (second quarter, 1986), and one in French (first quarter, 1987);
- (iii) Technical publication: Evaluation of the metric camera experiment for topographic mapping (one publication, first quarter, 1986).

3.2. Cartographic inventory for Africa

Final output

- (i) Technical publication: Second edition of the atlases of the cartographic inventory (fourth quarter, 1987).

3.3 Preparation, distribution of topical maps and charts and documentation of cartographic basic data for Africa

Final outputs

- (i) Technical publications: Drawings of topical maps and charts (150, 1986; 150, 1987);
- (ii) Exhibitions of maps and surveying, mapping and reproduction equipment (two on maps, 1986; one on surveying, 1987);
- (iii) Technical publication: Accessions lists (one, 1986; one, 1987);
- (iv) Ad hoc distributions of maps and charts (fourth quarter, 1986; fourth quarter, 1987);
- (v) Technical publication: Third edition of the catalogue of maps and charts in the Map Documentation and Reference Centre (fourth quarter, 1987).

3.4 Implementation and development of the African remote sensing programme*

Final outputs

- (i) Report to the Technical Advisory Committee of the African Remote Sensing Council on the feasibility study on five model national remote sensing units;
- (ii) Substantive servicing of the seventh meeting of the Conference of Plenipotentiaries of the African Remote Sensing Council (fourth quarter, 1987).

3.5 Sixth United Nations Regional Cartographic Conference for Africa and the Year of Cartography in Africa

Final outputs

- (i) Substantive servicing of the sixth United Nations Regional Cartographic Conference for Africa (fourth quarter, 1986);
- (ii) Report to the sixth United Nations Regional Cartographic Conference for Africa and the ECA Conference of Ministers, on the impact of the Year of Cartography in Africa (fourth quarter, 1986).

* Highest priority

MARINE AFFAIRS IN AFRICA

A. Programme objectives

The marine affairs in Africa programme, which will be implemented by the Natural Resources Division, is composed of two subprogrammes whose respective objectives are as follows:

B. Work programme

SUBPROGRAMME 1: DEVELOPMENT OF CAPABILITIES (MANPOWER, TECHNOLOGY AND INSTITUTIONS) FOR THE EXPLORATION, EXPLOITATION AND MANAGEMENT OF THE RESOURCES OF THE SEA

(a) General objectives of the secretariat: To assist member States in the development of their capabilities for the exploration, exploitation, development, utilization and management of their marine resources and to identify the opportunities and possibilities for developing their capabilities, inter alia, in the application of the provisions of the United Nations Convention on the Law of the Sea so as to promote their social and economic development;

(b) Resource requirements

Percentage of programme total

Regular budget
Extrabudgetary

75
-

(c) Reference: Proposed revisions to the medium-term plan for the period 1984-1989, Supplement No. 6 (A/39/6), paras. 25.52 - 25.58;

(d) Programme elements

1.1 Development of manpower and technology of resources of the sea

Final outputs

(i) Advisory services to a member State and a multinational grouping, on request, on:

(a) Interpretation of the Convention on the Law of the Sea (one mission in 1986);

(b) Development of human as well as material capabilities for optimum exploration of the resources of the sea (one mission in 1987).

(ii) Technical publications:

(a) African technical capabilities for exploration, exploitation, development and management of resources of the sea (first quarter, 1986);

- (b) Country reports on African technical capabilities for exploration, exploitation, development and arrangement of resources of the sea (13 national reports, first quarter, 1986);
- (c) Proposals on African capacities for the assessment and acquisition of marine surveying technologies /with Ocean Economics and Technology Branch (OETC) of DIESA as joint activity - first quarter, 1987/.

1.2 Support for training and research institutions

Final output

Advisory services to member States, on request, on evaluation of technological infrastructural requirements for coastal and marine development (one mission in 1986; one in 1987).

SUBPROGRAMME 2: POLICIES AND LEGISLATION FOR RESOURCES OF THE SEA

(a) General objectives of the secretariat: To assist member States to develop and strengthen policy and legislative machinery for their marine resources aimed at ensuring, inter alia, their national development and use;

(b) Resource requirements

Percentage of programme total

Regular budget	25
Extrabudgetary	

(c) Reference: Proposed revisions to the medium-term plan for the period 1984-1989, Supplement No. 6 (A/39/6), paras. 25.59 - 25.59E;

(d) Programme elements

2.1 Policies for resources of the sea**

Final outputs

- (i) Report to the African Intergovernmental Group on Marine Science and Technology on various aspects of efforts made by member States since the adoption of the Convention on the Law of the Sea to develop and utilize marine resources on the Exclusive Economic Zone (EEZ) (third quarter, 1987);
- (ii) Substantive servicing of the meeting of the African Intergovernmental Group on marine science and technology (fourth quarter, 1987).

2.2 Legislation for resources of the sea*

Final output

Technical publication: African legal capabilities for the development and management of the resources of the sea (third quarter, 1987).

** Lowest priority

* Highest priority

POPULATION IN AFRICA

A. Programme objectives

The population programme which is executed by the Population Division is made up of three subprogrammes whose respective objectives are as follows:

B. Work programme

SUBPROGRAMME 1: POPULATION POLICIES AND DEVELOPMENT PLANNING

(a) General objectives of the secretariat: To assist governments of member countries in the formulation and implementation of effective population policies and in the integration of population variables into development planning; to promote consideration in the development planning process of the interactions between economic and social development issues and such issues as population structure, movements and changes;

(b) Resource requirementsPercentage of programme total

Regular budget

20

Extrabudgetary

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 18.57 - 18.60;

(d) Programme elements1.1 Technical assistance to countries and territoriesFinal output

Advisory services to member States, on request, in the formulation and implementation of relevant population policies related to the integration of population variables in development planning and in evaluation of family planning programmes (two countries in 1986; two in 1987).

1.2 Assessment of population policies in socio-economic development planning in AfricaFinal outputs

- (i) Technical publication: Legislative instruments affecting the formulation and implementation of population policies in African countries (fourth quarter, 1986);
- (ii) Technical publication: Africa's experience in the implementation of population policies and programmes (fourth quarter, 1987).

1.3 Evaluation of the demographic impact of population programmes in African countries

Final outputs

- (i) Report to intergovernmental expert group meeting on integrated maternal and child health/family planning programmes in Africa on:
 - (a) Factors influencing current levels of usage of family planning services in selected countries (fourth quarter, 1987);
 - (b) Comparative evaluation of the impact of maternal and child health/family planning services in African countries with national programmes to reduce fertility (fourth quarter, 1987);
 - (c) Implications for future demand for family planning services of world fertility survey results on current use, willingness to use family planning methods and increasing size of female population of reproductive ages (fourth quarter, 1987).
- (ii) Technical publication: Methodological problems of evaluating integrated maternal and child health/family planning programmes in Africa (fourth quarter, 1987);
- (iii) Substantive servicing of the intergovernmental expert groups' meeting on integrated maternal and child health/family planning programmes in Africa (fourth quarter, 1987).

1.4 Integration of population variables and policies in development plans

Final outputs

- (i) Technical publication: Integration of population and related policies in sectoral development plans in selected African countries (fourth quarter, 1987);
- (ii) Substantive servicing of national seminars on the integration of population variables in development planning (one seminar, 1986; one seminar, 1987).

SUBPROGRAMME 2: DEMOGRAPHIC ANALYSIS IN THE CONTEXT OF ECONOMIC AND SOCIAL DEVELOPMENT

- (a) General objectives of the secretariat: To develop, test and apply techniques of demographic research within the context of socio-economic development in Africa and to study and evaluate factors responsible for demographic trends and structural changes, especially those factors related to the social and economic situation and national characteristics.

(b) Resource requirementsPercentage of programme total

Regular budget

77

Extrabudgetary

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 18.62 - 18.66;

(d) Programme elements2.1 Advisory services to countries on census and survey data analysisFinal outputs

- (i) Advisory services to member States, on request, in evaluating and analysing data from population census, surveys and vital registration systems (two countries in 1986; two in 1987) and providing on-the-job training for nationals in demographic analysis (two countries in 1986; two in 1987);
- (ii) Substantive servicing of two middle-level national training workshops on demographic analysis for staff of census offices and ministries of health, education, economic planning, labour and social services (one each year);
- (iii) Technical publication: Comparative evaluation and analysis of the 1980s round of censuses (fourth quarter, 1987).

2.3 Family formation, structures and fertility in selected African countries**Final outputs

- (i) Technical publication: The changing role of women and fertility in African countries (fourth quarter, 1986);
- (ii) Technical publication: The impact of changing patterns of family formation and structure in Africa on fertility trends in selected African countries (fourth quarter, 1987).

2.5 Inter-relationship among infant and childhood mortality, socio-economic factors and fertility in selected African countries*Final output

Technical publication: Comparative study on trends in infant and childhood mortality and their implications for population growth in African countries (third quarter, 1987).

** Lowest priority

* Highest priority

2.6 Population projections including evaluation, adjustment and analysis of demographic data for the African region

Final outputs

Technical publications:

- (a) Demographic and related socio-economic data sheets for the ECA member States (fourth quarter, 1986);
- (b) Estimates and projections of African population trends as assessed in 1986 (second quarter, 1987).

2.8 Population information and clearing house services

Final outputs

(i) Technical publications

- (a) African Population Newsletter (two issues, 1986; two issues 1987);
- (b) African Population Studies (one issue, 1987);
- (c) Bibliographies on population: POPIN-AFRICA Index (one issue 1986; one issue 1987) (XB); Specialized annotated bibliographies (one issue, 1986; one issue 1987) (XB);
- (d) POPIN-AFRICA Bulletin (one issue 1986; one issue 1987) (XB);
- (e) Directory of African Demographers (one issue 1987) (XB).

(ii) Substantive servicing of training workshops on population information and documentation (one 1986; one 1987) (XB);

(iii) Substantive servicing of one POPIN-AFRICA advisory meeting (second quarter, 1986) (XB).

2.9 International migration and its effect on the economies of African countries

Final outputs

(i) Report to the meeting of the North African MULPOC on the consequences of migration from the Maghreb to West European countries (first quarter, 1987);

(ii) Technical publication: International migratory flows in African countries (third quarter, 1987).

SUBPROGRAMME 3: REGIONAL TRAINING AND RESEARCH

(a) General objectives of the secretariat: To assist governments in the training of personnel for work in population and in the use of the research facilities and advisory services.

(b) Resource requirements

Percentage of programme total

Regular budget	3.0
Extrabudgetary	100.0

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 18.67 - 18.71;

(d) Programme elements

3.1 Technical support to the substantive activities of the regional institutes for population studies

Final outputs

- (i) Identification and selection of 80 candidates for UNFPA fellowships in demographic training at RIPS and IFORD (40 in 1986; 40 in 1987) (XB);
- (ii) Advisory services to IFORD, RIPS and the Sahel Institute on request, on training, research, seminars and other activities (one mission 1986; one mission 1987);
- (iii) Substantive servicing of the meetings of the Advisory Boards and of the Governing Councils of RIPS and IFORD (two in 1986; one in 1987);
- (iv) Reports to the Governing Councils of RIPS and IFORD on draft budget requirements for UNFPA funding and contributions from the member States (one for each institute in first quarter, 1986);
- (v) Report to the Joint Conference of African Planners, Statisticians and Demographers on the activities and progress of RIPS and IFORD (first quarter, 1986);
- (vi) Backstopping services to East African Statistical Training Centre (one lecture in 1986; one lecture in 1987).

PUBLIC ADMINISTRATION AND FINANCE IN AFRICA

A. Programme objectives

The public administration and finance programme which is implemented by the Public Administration, Management and Manpower Division is made up of two sub-programmes whose respective objectives are under each subprogramme below:

B. Work programme

SUBPROGRAMME 1: PUBLIC ADMINISTRATION

(a) General objectives of the secretariat: To review and formulate institutional and administrative policies and human resources development measures with a view to assisting development administration.

(b) Resource requirementsPercentage of programme total

Regular budget
Extrabudgetary,

55

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 19.32 - 19.35;

(d) Programme elements1.1 Review and analysis of policies and programmes for increasing efficiency in and productivity of public servicesFinal outputs

(i) Technical publication: Approaches and methods for organizing management services systems as instruments for performance improvement in African public services: formulation of guidelines for institutionalizing management improvement and for more effective use of resources (first quarter, 1987);

(ii) Technical publication: Organization and management of specific rural agencies for provision of basic needs (third quarter, 1986).

1.2 Servicing of training workshops in public administration*Final output

Substantive servicing of two national training workshops on approaches and methods for organizing management services systems, for senior officials from ministries of public services, establishment offices, public services commissions and other agencies responsible for formulating policies and programmes for enhancing overall capabilities of public services (one workshop for English-speaking countries, second quarter, 1987; one for French-speaking countries, third quarter, 1987).

* Highest priority

1.3 Management of public enterprises and institutions

Final outputs

- (i) Technical publication: Experiences in developing and applying criteria and techniques for evaluating performance of public enterprises in Africa and in setting up machinery for monitoring performance (third quarter, 1987);
- (ii) Technical publication: Implications of policies and programmes for privatization of public enterprises in Africa, their possible impact on the organization and performance of public services and on management of national economic development (fourth quarter, 1987).

1.4 Human resources development for public management in least developed African countries*

Final output

Technical publication: Major problems in public personnel management in least developed countries: Some case studies (third quarter, 1987).

SUBPROGRAMME 2: DEVELOPMENT OF BUDGETARY AND TAXATION SYSTEMS

(a) General objective of the secretariat: To advise member States individually and collectively on mobilization of financial resources through improved budgetary and taxation systems and administration;

(b) Resource requirements

Percentage of programme total

Regular budget
Extrabudgetary

50

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 19.36 - 19.41;

(d) Programme elements

2.1 Improvement in budgetary systems**

Final output

Substantive servicing, on request, of one national training course for government budget officials on improvement in government budgeting (one in 1987).

* Highest priority

** Lowest priority

2.2 Financial management in government

Final outputs

- (i) Substantive servicing of one subregional seminar for public financial management officials of Eastern and Southern African countries in public financial management (fourth quarter, 1987);
- (ii) Technical publication: Assessment of the specific conditions in and needs of public financial management of one least developed country (third quarter, 1987).

2.3 Reforming of tax systems and policies

Final output

Substantive servicing, on request, of one national training course for income tax administrators and customs officials on taxation systems and policies (one course in 1986).

2.4 Improvement in tax administration*

Final outputs

- (i) Substantive servicing of one training workshop for tax administrators of the member States of the Association of African Tax Administrators (AATA) on "middle management development in tax administration: basic issues in tax auditing or examination" (first quarter, 1986);
- (ii) Substantive servicing of the fourth meeting of the Executive Committee and third meeting of the General Assembly of the Association of African Tax Administration (AATA) (first quarter, 1986);
- (iii) Report to the third meeting of the General Assembly of AATA on the Association's proposed biennial budget and programme of work for the biennium March 1986 to February 1988, AATA members States' contributions and financial statements for the biennium March 1984 - February 1986 (first quarter, 1986).

* Highest priority

SCIENCE AND TECHNOLOGY IN AFRICA

A. Programme objectives

The science and technology programme which is executed by the Natural Resources Division is made up of three subprogrammes whose respective objectives are given under each subprogramme as follows:

B. Work programme

SUBPROGRAMME 1: DEVELOPMENT POLICIES, MACHINERY AND CAPABILITIES FOR SCIENCE AND TECHNOLOGY

- (a) (i) General objectives of the secretariat: To organize and promote a strategy to encourage the recognition of the role of science and technology in African development and to strengthen the capabilities of member States to apply science and technology to development;
- (ii) Time-limited subsidiary objectives of the secretariat: To develop and disseminate models of rural technologies which can prove to be suitable for application in rural Africa, by the process of adaptation and demonstration, to be completed by 1990; publication of an updated handbook of non-proprietary technology for building and construction materials in 1985 and to publish a new handbook of non-proprietary technology for food processing and storage in the last quarter of 1986.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	50
Extrabudgetary	

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 20.69 - 20.72;

(d) Programme elements1.1 Development of policies, machinery and capabilities for science and technologyFinal outputs

- (i) Advisory services to member States and multinational groupings, on request, in:
 - (a) Establishing and strengthening national and subregional centres for technology (one mission to two selected member countries and one multinational groupings in 1986; one mission to two other selected member countries and one other multinational grouping in 1987);

- (b) Formulating policies and plans for science and technology (one mission to two selected member countries and one multinational grouping in 1986; one mission to two other selected member countries plus one other multinational grouping in 1987);
- (ii) Reports to the Intergovernmental Committee of Experts for Science and Technology Development on the activities of its five Working Groups (two reports, third quarter, 1986; three reports, third quarter, 1987);
- (iii) Substantive servicing of meetings of the Working Groups of the Intergovernmental Committee of Experts for Science and Technology Development (one meeting each in the second, third and fourth quarters of 1986; one meeting each in the second and third quarters of 1987);
- (iv) Substantive servicing of meetings of the Intergovernmental Committee of Experts for Science and Technology Development (IGCESTD) (one, fourth quarter, 1986; one, fourth quarter, 1987);
- (v) Technical publication: Modalities for mobilizing financial resources at the national level for science and technology for development (third quarter, 1986).

1.2 Sectoral aspects of science and technology policies

Final outputs

- (i) Advisory services to member States, on request, on the mobilization of adaptive technology potential in the metal working branch of the informal sector (one mission to two countries; first quarter, 1987);
- (ii) Report to the Intergovernmental Committee of Experts for Science and Technology on the contents and status of draft handbook on rural technologies for the processing and storage of African tubers and cereals (third quarter, 1987).

SUBPROGRAMME 2: DEVELOPMENT OF MANPOWER FOR SCIENCE AND TECHNOLOGY

- (a) (i) General objectives of the secretariat: To design and conduct surveys and distribute model training programmes; to conduct training workshops with particular emphasis on technology for the rural areas; and to assist in the establishment and/or strengthening of institutions for the development of manpower for science and technology;
- (ii) Time-limited subsidiary objectives of the secretariat: To develop and distribute models of training and production workshops for the building materials and construction industries.

(b) Resource requirementsPercentage of programme total

Regular budget

15.63

Extrabudgetary

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 20.73 - 20.77;

(d) Programme elements2.1 Mobilization and effective utilization of local institutions and capabilitiesFinal outputs

- (i) Advisory services to African educational institutions, on request, on the implementation of models developed for training in engineering disciplines in Africa (one mission, fourth quarter, 1986; one mission, first quarter, 1987);
- (ii) Organization and substantive servicing of a workshop of intergovernmental experts from selected African countries on the development of capabilities for the local production of low-cost school science equipment (second quarter, 1986);

SUBPROGRAMME 3: PROMOTION OF REGIONAL AND INTERREGIONAL CO-OPERATION

- (a) (i) General objectives of the secretariat: To assist in the creation of an atmosphere of effective co-operation in the field of science and technology among member States and between member States and non-African countries, especially those of the third world;
- (ii) Time-limited subsidiary objectives of the secretariat: As a result of efforts through a UNEP/TCDC project, to promote intergovernmental arrangements for technical and economic co-operation in science and technology between Africa and Asia; to prepare and publish the Directory of National Science and Technology Institutions and their capabilities by the second quarter of 1986.

(b) Resource requirementsPercentage of programme total

Regular budget

34.37

Extrabudgetary

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 20.78 - 20.83.

(d) Programme elements

3.1 Strengthening technological links

Final output

Advisory services to member States, on request, in the diffusion of selected rural technologies based on the Asian models (one mission, 1987).

3.2 Information exchange

Final outputs

- (i) Report to the Intergovernmental Committee of Experts for Science and Technology Development on progress towards the establishment of an early warning system for the assessment of the impact of new technologies on Africa's development strategy (fourth quarter, 1986);
- (ii) Report to the Intergovernmental Committee of Experts for Science and Technology Development on the setting up of an African science and technology information system (fourth quarter, 1987).

SOCIAL DEVELOPMENT IN AFRICA

A. Programme objectives

The social development programme, which is executed by the Social Development, Human Settlements and Environment Division, is made up of three subprogrammes whose respective objectives are given below under each subprogramme.

B. Work programme

SUBPROGRAMME 1: INTEGRATED RURAL DEVELOPMENT

(a) General objectives of the secretariat: To analyse specific problems encountered by governments in their rural development programmes with a view to proposing technical solutions in such areas as improvement of the quality of the rural labour force, employment and unemployment among rural youths, rural-urban migration, rural mass communications, income distribution and consumption patterns and innovation and processes of planned change in rural communities.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	25
Extrabudgetary	100

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 21.57 - 21.60.

(d) Programme elements1.1 Development of rural life and institutionsFinal outputs

- (i) Technical publication: Rural Progress (two issues in each of 1986, 1987);
- (ii) Report to the fifth meeting of the Conference of African Ministers of Social Affairs on technology and rural development in Africa (fourth quarter, 1986);
- (iii) Technical publication: Modalities of popular participation in rural development in some selected African countries (third quarter, 1987);
- (iv) Report to the fifth meeting of the Conference of African Ministers of Social Affairs on rural development activities and inter-agency co-operation in the field of rural development in Africa (fourth quarter, 1986);
- (v) Report to the fifth meeting of the Conference of African Ministers of Social Affairs on a study on the implementation aspects of integrated rural development in Africa (fourth quarter, 1986).

1.2 Technical co-operation activities including collection and dissemination of information on integrated rural development

Final output

Advisory services to member States, on request, on the promotion of an integrated approach to the development of rural areas, the identification, formulation, management and evaluation of integrated rural development projects and the strengthening of rural institutions (two missions in 1986; two in 1987).

SUBPROGRAMME 2: YOUTH AND SOCIAL WELFARE

- (a) (i) General objectives of the secretariat: To assist in developing new social welfare policies and programmes, particularly those concerned with family, child and youth welfare services and refugee assistance to promote the development of youth policies and programmes, particularly those aimed at personnel training and self-employment, especially in the rural sector; and to promote and co-ordinate youth organizations and associations for development at the national and regional levels.

(ii) Time-limited subsidiary objective of the secretariat: To contribute through consultations, meetings, and seminars to the objectives of the International Youth Year 1985.

(b) Resource requirements

Percentage of programme total

Regular budget
Extrabudgetary

44.23

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 21.61 - 21.64.

(d) Programme elements

2.1 Social policies, planning and institutions

Final outputs

- (i) Advisory services to member States, on request, on the strengthening of social policies, planning and institutions (two missions in 1986; two in 1987);
- (ii) Report to the fifth meeting of the Conference of African Ministers of Social Affairs on social trends and major social development problems in Africa (fourth quarter, 1986);
- (iii) Report to the fifth meeting of the Conference of African Ministers of Social Affairs on review and appraisal of the implementation of the social aspects of the Lagos Plan of Action (second quarter, 1987);

- (iv) Substantive servicing of the meeting of the Intergovernmental Expert Group responsible for preparing for the fifth meeting of the Conference of African Ministers of Social Affairs (third quarter, 1987);
- (v) Substantive servicing of the fifth meeting of the Conference of African Ministers of Social Affairs (third quarter, 1987);
- (vi) Technical publication: Social aspects and implications of international migration in Africa (third quarter, 1986).

2.2. Family, child and social welfare

Final outputs

- (i) Advisory services to member States, on request, on:
 - (a) strengthening of national youth policies and programmes, strategies and administrative structure for more effective mobilization of youth in national development (two missions in 1986; two in 1987);
 - (b) developing and implementing development-oriented social welfare policies and programmes and implementation of the Vienna International Plan of Action on Aging and the World Programme of Action concerning disabled persons (one mission in 1986; one in 1987);
- (ii) Technical publication: National family policies and programmes in the context of socio-economic development in Africa: A critical analysis (fourth quarter, 1986);
- (iii) Report to the fifth meeting of the Conference of African Ministers of Social Affairs on the implementation of the African Regional Plan of Action on Youth (third quarter, 1987).

SUBPROGRAMME 3: INTEGRATION OF WOMEN IN DEVELOPMENT

(a) General objectives of the secretariat: To assist member States in formulating and promoting a multidisciplinary approach to enable women to participate in development both as contributors and beneficiaries, including developing and implementing policies to increase the productivity of rural women in food production and improving their access to credit and to improve technology, increasing the efficiency of persons trained to provide services to assist rural women, and expanding productivity in non-farm employment, and to assist in strengthening the data base on which programmes for women may be developed.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	30.77
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 21.65 - 21.70.

(d) Programme elements

3.1 Participation of women in development

Final outputs

- (i) Report to the seventh meeting of the African Regional Co-ordinating Committee on the Integration of Women in Development on the extent to which national development plans take into consideration the contributions of women (first quarter, 1986) (XB);
- (ii) Report to the eighth meeting of the African Regional Co-ordinating Committee on the Integration of Women in Development of the 1986-1987 activities of the ECA Women's Programme including MULPOCs (second quarter, 1987);
- (iii) Technical publication: Women and the Industrial Development Decade for Africa (first quarter, 1986) (XB);
- (iv) Sales publication: Women Refugees and Displaced Women in Africa (second quarter, 1986) (XB);
- (v) Sales publication: Women under Apartheid (first quarter, 1987) (XB).

3.2 Improving skills and opportunities for women

Final outputs

- (i) Substantive servicing of a subregional workshop for development planning officers on the productivity of women in agriculture (first quarter, 1987) (XB);
- (ii) Substantive servicing of a subregional seminar for business women on measures to improve women's management skills (third quarter, 1986)(XB);
- (iii) Technical publication : Women and the scientific professions in Africa (first quarter, 1987);
- (iv) Technical assistance projects to enhance the capabilities of women for participation in development. Output: It is expected that at the start of the biennium four projects to promote the participation of women in development will be in progress in six countries, including four countries that will receive advisory services and assistance in the organization of workshops for government officials. It is also expected that three of these projects will be completed and four new projects will commence during the biennium (XB).

3.3 Establishment and strengthening of national, sub-regional and regional machineries for the integration of women in development

Final outputs

- (i) Substantive servicing of the fourth regional conference on the integration of women in development (fourth quarter, 1987);
- (ii) Substantive servicing of the seventh and eighth meetings of the African Regional Co-ordinating Committee (one in second quarter, 1986; one in second quarter, 1987);
- (iii) Substantive servicing of the meetings of the subregional committees on the integration of women in development and their bureaux (five in 1986; five in 1987);
- (iv) Advisory services to member States on establishing and strengthening national machineries (two missions in 1986; two missions in 1987).

3.4 Information network on women and development in Africa

Final outputs

- (i) Sales publication: Information Kit for Women in Africa, second edition (first quarter, 1987) (XB);
- (ii) Technical publication: ATRCW Update (two issues each year of the biennium);
- (iii) Technical publication: Women and Development in Africa (three in 1986; three in 1987).

3.5 Analysis of the rights and status of women in Africa

Final outputs

- (i) Report to the ECA Conference of Ministers on the implementation in Africa of the Convention on the Elimination of all Forms of Discrimination against Women (first quarter, 1987);
- (ii) Technical publication: The incidence of sexual slavery in Africa (fourth quarter, 1987);
- (iii) Technical publication: Comparative study of national laws on the rights and status of women in Africa (first quarter, 1986).

STATISTICS IN AFRICA

A. Programme objectives

The statistics programme which is executed by the Statistics Division is made up of three subprogrammes whose respective objectives are shown below under each subprogramme.

B. Work programme

SUBPROGRAMME 1: STATISTICAL DEVELOPMENT

(a) General objectives of the secretariat: To develop a regional framework of statistical information for analytical purposes, to support activities designed to improve the utilization of statistical data for development and to extend international recommendations to include guidelines on data analysis and applications.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	27.0
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 22.64 - 22.65 and proposed revisions to the medium-term plan for the period 1984-1989, Supplement No. 6 (A/39/6).

(d) Programme elements1.1 General aspects of co-ordination and developmentFinal output

- (i) Substantive servicing of the fourth session of the Joint Conference of African Planners, Statisticians and Demographers (first quarter, 1986);
- (ii) Advisory services to member States, on request, on statistical organization (one mission in 1986; one in 1987).
- (iii) Technical publications:
 - (a) Directory of African Statisticians (first quarter, 1986);
 - (b) Bibliography of African Statistical Publications (fourth quarter, 1987);
 - (c) Statistical Newsletter (two issues in 1986; two in 1987);
 - (iv) Substantive servicing of the first session of the African Statistical Association (first quarter, 1986);

- (v) Substantive servicing of the first session of the Union for African Population Studies (first quarter, 1986):
- (vi) Reports to the fourth session of the Joint Conference of African Planners, Statisticians and Demographers on:
 - (a) Statistical activities (1984-1985) and examination of statistical work programme (1986-1991), (first quarter, 1986):
 - (b) The activities of the African Statistical Association (first quarter, 1986).

1.2 Statistical data base development

Final outputs

- (i) Advisory services to member States, on request, in the development and maintenance of national statistical data base (one mission 1986; one mission, 1987):
- (ii) Technical publications:
 - (a) Computer printouts of integrated social, demographic and economic data (one each in first, second, third and fourth quarters of 1986 and 1987):
 - (b) Directory of Electronic Data Processing Experts in Africa (first quarter, 1986).
- (iii) Report to the fourth session of the Joint Conference of African Planners, Statisticians and Demographers on:
 - (a) Review of national statistical data processing capabilities (first quarter, 1986):
 - (b) ECA programme on statistical data base (first quarter, 1986).
- (iv) Substantive servicing of training workshops and seminars:
 - (a) Training seminar on statistical data base development for participants from French-speaking African countries (fourth quarter, 1986):
 - (b) Training workshop on the use of statistical software packages in statistical computing for participants from English-speaking African countries (fourth quarter, 1987):
- (v) Technical publications:
 - (a) Selected issues in the development of the ECA statistical data base (second quarter, 1986):
 - (b) A suggested approach to national statistical data base development;

- (c) Data base management systems for statistical applications (second quarter, 1986);
- (d) The need for a network by national statistical information systems (second quarter, 1986).

(vi) Technical publications

- (a) The use of statistical software packages (first quarter, 1987);
- (b) Essential features of statistical software packages (first quarter, 1987).

1.3 Statistical Training Programme (STPA)

Final outputs

- (i) Advisory services to the centres participating in the statistical training programme for Africa (STPA) (one in 1986, one in 1987) (XB);
- (ii) Reports to the biennial meeting of directors of STPA centres (fourth quarter, 1987) (XB):
 - (a) Improvement of research at training centres;
 - (b) Impact of guide syllabuses prepared for use at STPA centres and statistical offices on statistical training;
 - (c) Developments in statistical organization and manpower since 1981 in the African region.
- (iii) Reports to the fourth session of the Joint Conference of African Planners, Statisticians and Demographers on:
 - (a) A guide syllabus for professional statistical training (first quarter, 1986) (XB);
 - (b) The statistical training programme for Africa (first quarter, 1986) (XB)
- (iv) Technical publications:
 - (a) STPA News (two issues per year) (XB);
 - (b) Directory of STPA centres (second quarter, 1986) (XB).
- (v) Substantive servicing of the biennial meeting of directors of STPA centres (fourth quarter, 1987) (XB).

SUBPROGRAMME 2: ECONOMIC STATISTICS

(a) General objectives of the secretariat: To provide more comprehensive, reliable and timely statistics on international trade, national accounts and other economic statistics, including agriculture, industry, transport, energy, natural resources, prices and public finance, with special emphasis on least developed and newly independent African countries.

(b) Resource requirements

Regular budget
Extrabudgetary

Percentage of programme total

45

-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 22.66 - 22.70 and proposed revisions to the medium-term plan for the period 1984-1989.

(d) Programme elements2.1 National accounts, finance and pricesFinal outputs(i) Technical publications:

Computer printouts on:

(a) National accounts and finance statistics (two each, in second and fourth quarters of 1986 and 1987);

(b) Current sectoral deflators for African national accounts (one in 1986; one in 1987);

(c) Price statistics (two in 1986; two in 1987);

(d) External transactions (two in 1986; two in 1987);

(e) Public sector statistics (two in 1986; two in 1987);

(ii) Substantive servicing of meetings:

(a) Seminar on the SNA review (second quarter, 1986);

(b) Working group on capital formation and national accounts at constant prices (third quarter, 1987);

(iii) Reports to the seminar on the SNA reviews on:

(a) Estimation of subsistence production in the informal sectors: the main issues and problems;

- (b) Country practices in institutional sectoring;
- (c) Government finance statistics and reconcilliation;
- (iv) Reports to the working group with the SNA on capital formation and national accounts at constant prices on:
 - (a) The measurement of capital formation in national accounts (third quarter, 1987);
 - (b) Methodology for estimating value added at constant prices (third quarter, 1987);
 - (c) National accounts at constant prices (third quarter, 1987).

Final outputs

- (i) Advisory services to member States, on request, in application of the revised United Nations System of National Accounts (SNA) in Africa (three missions each in 1986 and 1987) (XB);
- (ii) Advisory services to member States, on request, on the improvement of economic statistics as a prerequisite for further development of work on national accounts (three missions each in 1986 and 1987) (XB).

2.3 External trade statistics

Final outputs

- (i) Advisory services to member States, on request, on the improvement of coverage, timeliness and methodology of international trade statistics (one mission in 1986; one in 1987);
- (ii) Technical publication
 - Computer printouts on national external trade statistics (two, first quarter, 1986, two fourth quarter, 1987);
- (iii) Sales publications:
 - (a) Foreign trade statistics for Africa, Series A: Direction of total trade (one each, fourth quarter, 1986 and 1987);
 - (b) Foreign trade statistics for Africa, Series C: Summary tables (one each year, fourth quarter, 1986-1987).

2.4 Industrial statistics

Final outputs

- (i) Advisory services to member States, on request, on the application of the international recommendations on industrial statistics and the problem of improving the coverage and timeliness of these data (one mission each, 1986 and 1987);
- (ii) Technical publications:
Computer printouts on general industrial statistics and monthly commodity production in mining, manufacturing, electricity, gas and water, including energy balance sheets (one 1986; one 1987).
- (iii) Substantive servicing of the meeting of an intergovernmental working group on energy statistics (fourth quarter, 1987);
- (iv) Reports to the working group on energy statistics on:
 - (a) Production, trade and consumption of energy in Africa (fourth quarter, 1987);
 - (b) Energy prices and African economies 1970-1985 (fourth quarter, 1987);
 - (c) The role of energy statistics in development planning (fourth quarter, 1987).

2.5 Other economic statistics

Final outputs

- (i) Technical publications:
Computer printouts on:
 - (a) Agricultural statistics (two 1986; two 1987);
 - (b) Transport and communications statistics (two 1986; two 1987);
 - (c) Tourism statistics (two 1986; two 1987).
- (ii) Technical publication:
Status of transport and communications statistics in Africa (third quarter, 1986);
- (iii) Substantive servicing of an intergovernmental working group on port statistics (fourth quarter, 1987);

(iv) Reports to the working group on ports statistics:

- (a) The collection of methodology of analysis of port statistics (fourth quarter, 1987);
- (b) The implementation of the United Nations uniform system for economic statistics of shipping (fourth quarter, 1987);
- (c) Ports statistics in Africa (fourth quarter, 1987).

(v) Sales publications:

- (a) African Statistical Yearbook (one per year, fourth quarter, 1986 and 1987);
- (b) African social and economic indicators (one per year, fourth quarter, 1986 and 1987);
- (c) Statistical Information Bulletin for Africa (one per year, third quarter, 1986 and 1987).

SUBPROGRAMME 3 : CENSUSES AND SURVEYS

(a) General objectives of the secretariat: To collect, process, evaluate, analyse and disseminate standardized, reliable and timely data in respect of all countries of the region to meet the needs of national and international users;

(b) Resource requirements

Percentage of programme total

Regular budget	28
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 22.71 - 22.75 and proposed revision of the medium-term plan for the period 1984-1989, Supplement No. 6 (A/39/6);

(d) Programme elements

3.1 Demographic and social statistics

Final outputs

(i) Technical publications:

Computer printouts on demographic and social statistics (two 1986; two 1987);

(ii) Advisory services to member States, on request, in demographic and social statistics (two missions in 1986; two in 1987);

(iii) Technical publications:

- (a) Data requirements and availability in elaborating indicators on women (first quarter, 1986);
- (b) Review of data availability on disability in Africa (first quarter, 1987);
- (c) Review of data availability on youth in Africa (third quarter, 1987);
- (iv) Reports to the intergovernmental working group on possible approaches to the integration of demographic, social and related economic statistics in development planning in Africa on:
 - (a) Inter-linking of data from different sources;
 - (b) A framework for the integration of socio-economic data;
 - (c) Review of the literature on the integration of statistics (fourth quarter, 1986);
- (v) Substantive servicing of the meeting of an intergovernmental working group on possible approaches to the integration of demographic, social and related economic statistics in development planning in Africa (fourth quarter, 1986).

3.2 Support to technical co-operation project: Regional Centre for Population Studies in Central Africa (UDEAC) (CREP)**

Final outputs

- (i) Technical publication: The development of demographic and social statistics methodology appropriate to the UDEAC subregion (fourth quarter, 1987) (XB);
- (ii) Substantive servicing of the ad hoc intergovernmental meetings organized by the Regional Centre for Population Studies (UDEAC - CREP) in the fields of population censuses and civil registration (one each, fourth quarter, 1986 and 1987) (XB).

3.3 Regional advisory services in demographic statistics (RASDS)

Final outputs

- (i) Advisory services to member States, on request, on the organization, planning and conduct of national population and housing censuses, processing and evaluation of census data, and development of civil registration systems and vital statistics collection (three missions each, in 1986 and 1987) (XB);

(ii) Technical publications:

- (a) Methods and problems of African population and housing censuses (first quarter, 1986) (XB);
- (b) Processing of census, civil registration and sample survey data (second quarter, 1987) (XB);

(iii) Reports to an intergovernmental working group on recommendations for the 1990 round of population and housing censuses in Africa on:

- (a) Progress report on the 1980 round of population and housing censuses; and
- (b) Coverage and content error evaluation (third quarter, 1986);

(iv) Substantive servicing of:

- (a) An intergovernmental working group on recommendations for the 1990 round of population and housing censuses in Africa (third quarter, 1986) (XB);
- (b) A training workshop on census-taking for census officers from the English-speaking countries of Africa (fourth quarter, 1987) (XB).

3.4 African Household Survey Capability Programme (AHSCP)*

Final output

(i) Advisory services to member States, on request, in the following areas:

- (a) Preparation of survey programme documents for countries requiring technical and financial assistance in the context of the National Household Survey Capability Programme (NASCP) (one mission in 1986; one in 1987);
- (b) Establishment of active survey operations (two missions in 1986; two in 1987) (XB);
- (c) Training and development of staff resources needed in establishing effective survey programmes (two missions in 1986; two in 1987) (XB).

(ii) Technical publication: The methodology for collection, processing, analysis and utilization of integrated demographic, social and economic data (fourth quarter, 1987) (XB);

(iii) Technical publication: Measures for the mobilization of technical and financial resources for the implementation of national household survey programmes (fourth quarter, 1987) (XB);

* Highest priority

(iv) Reports to an intergovernmental working group on organization, content and methodology of household surveys, on:

(a) Progress of the African Household Survey Capability Programme (AHSCP);

(b) A review of technical assistance to the SHSCP;

(v) Substantive servicing of an intergovernmental working group on organization, content and methodology of household surveys (fourth quarter, 1987) (XB).

3.5 Environment statistics**

Final outputs

(i) Technical publications:

Computer printouts on environment statistics with emphasis on the Sudano-Sahelian region (two per year, second and fourth quarters, 1986 and 1987);

(ii) Technical publications:

(a) Adaptation of United Nations framework of environment statistics to African countries, with particular emphasis on ecosystems (fourth quarter, 1986);

(b) Data requirements for studies on desertification and drought in Africa (fourth quarter, 1987).

TRANSPORT, COMMUNICATIONS AND TOURISM IN AFRICA

A. Programme objectives

The transport, communications and tourism programme which is implemented by the Transport, Communications and Tourism Division is made up of six subprogrammes whose respective objectives are shown below under each subprogramme.

B. Work programme

SUBPROGRAMME 1: GENERAL AND MULTIMODAL TRANSPORT

(a) General objectives of the secretariat: To assist African countries in the formulation of national and multinational transport policies and programmes for the development of integrated transport system and infrastructure at the national and multinational levels and for the co-ordination of investments and operation of the transport system.

(b) Resource requirements:

	<u>Percentage of programme total</u>
Regular budget	32
Extrabudgetary	-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 24.41 - 24.48.

(d) Programme elements

1.1 Technical assistance to countries and intergovernmental organizations in the field of general and multimodal transport

Final output

Advisory services to member States and intergovernmental organizations on request, in the field of general and multimodal transport (two missions in 1986, two in 1987).

1.2 Overall management and co-ordination of activities related to the implementation of the second phase of the United Nations Transport and Communications Decade in Africa (UNTACDA)

Final outputs

Report to the meeting of the Councils of Ministers of the MULPOCs on the second phase programme of the UNTACDA (one in 1986, one in 1987);

Intermediate activities

(i) Report to the ninth meeting of the Inter-agency Co-ordinating Committee on the second phase programme of the UNTACDA (first quarter, 1986);

- (ii) Report to the tenth meeting of the Inter-agency Co-ordinating Committee on a review of the implementation the second phase programme of the UNTACDA (first quarter, 1987).

1.3 Fifth meeting of the Conference of African Ministers of Transport, Communications and Planning

Final outputs

- (i) Report to the fifth meeting of the Conference of African Ministers of Transport, Communications and Planning on a review of the implementation of the second phase programme of the UNTACDA (first quarter, 1986);
- (ii) Substantive servicing of the fifth meeting of the Conference of African Ministers of Transport, Communications and Planning (second quarter, 1986).

1.4 Study on the simplification of documentation and the use of TIR carnet in international surface transport in Africa

Final output

Technical publication: Simplification of documentation and the use of TIR carnet in international surface transport in Africa (fourth quarter, 1987).

1.5 Regional transport master plan for Africa

Final output

Technical publication: A regional transport master plan for Africa (fourth quarter, 1987) (XB).

SUBPROGRAMME 2: MARITIME TRANSPORT, INLAND WATER TRANSPORT AND PORTS

(a) General objectives of the secretariat: To assist Government in formulating national and multinational policies and programmes in the field of maritime transport, ports and inland water transport.

(b) Resource requirements:

Percentage of programme total

Regular budget
Extrabudgetary

21

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 24.49 - 24.54.

(d) Programme elements:

2.1 Technical assistance to countries and intergovernmental organizations in the field of maritime transport

Final output:

Advisory services to member States and intergovernmental organizations, on request, in the field of maritime transport (two missions in 1986, two in 1987).

2.2 Updating and harmonization of maritime legislation in the African region

Final outputs

- (i) Technical publication: Master maritime code for Africa (fourth quarter, 1986)(XB)
- (ii) Technical publication: Guidelines for governmental policy makers and maritime lawyers on elaboration of national maritime codes based on the model code (fourth quarter, 1987) (XB).

2.3 Technical assistance to countries and intergovernmental organizations in the field of ports

Final outputs

- (i) Advisory services to member States and intergovernmental organizations, on request, in the field of ports (two missions in 1986; two in 1987);
- (ii) Substantive servicing of a meeting of Port Management Associations (first quarter, 1986).

2.4 Regional seminar on port operations

Final outputs

Substantive servicing of an intergovernmental regional seminar on port operations (third quarter, 1986) (XB).

2.5 Establishment of a subregional dredging organization for Eastern and Southern African ports

Final outputs

- (i) Report to a meeting of plenipotentiaries on a study on establishment of a subregional dredging organization for Eastern and Southern African ports (fourth quarter, 1986) (XB);
- (ii) Substantive servicing of a meeting of plenipotentiaries to establish a dredging organization for Eastern and Southern African ports (fourth quarter, 1987).

2.6 Technical assistance to countries and intergovernmental organizations in the field of inland water transport

Final output

Advisory services to member States and intergovernmental organizations, on request, in the field of inland water transport (two missions in 1984; two in 1987).

2.7 Establishment of the Congo-Zaire River Basin Commission

Final output

Substantive servicing of a meeting of plenipotentiaries to establish the Congo-Zaire River Basin Commission (third quarter, 1986).

2.8 Study on the establishment of a Nile River Basin Commission

Final output

Report to a meeting of plenipotentiaries to establish a Nile River Basin Commission (fourth quarter, 1987).

SUBPROGRAMME 3: LAND TRANSPORT

- (a) (i) General objectives of the secretariat: To assist Governments in (a) policy making, planning and preparation of programmes and projects for the development of roads, road transport and railways, and (b) in operating efficiently their road and rail transport systems;

(ii) Time-limited objectives of the secretariat: (a) To assist Governments in the establishment of the Tripoli-Windhoek Trans-Central African Highway Authority by 1987; and (b) to publish an African Highway Code by 1987.

- (b) Resource requirements

Percentage of programme total

Regular budget

Extrabudgetary

16

- (c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 24.55 - 24.59.

- (d) Programme elements

3.1 Technical assistance to countries and intergovernmental organizations in the field of roads and road transport

Final output

Advisory services to member States and intergovernmental organizations, on request, in the field of roads and road transport (two missions in 1986; two in 1987).

3.2 Development of the Tripoli-Windhoek Trans-Central African Highway (TCAH)

Final outputs

- (i) Report to the TCAH Co-ordinating Committee on a study on mission links on the Highway and resources required to upgrade them to all-weather standards (fourth quarter, 1986);
- (ii) Report to the TCAH Co-ordinating Committee on efforts for mobilizing technical and financial resources (local and external) for implementation of the approved work activities on the Highway and its feeder roads (fourth quarter, 1986);

- (iii) Report to the TCAH Co-ordinating Committee on a study on missing links of the feeder roads to the Highway (fourth quarter, 1987);
- (iv) Report to the TCAH Co-ordinating Committee on a study on reduction of non-physical barriers on the Highway and feeder roads (fourth quarter, 1987);
- (v) Report to the TCAH Co-ordinating Committee on a study on actual status and improvements and co-ordination of maintenance on the Highway (fourth quarter, 1987);
- (vi) Substantive servicing of the meeting of the TCAH Co-ordinating Committee (fourth quarter, 1986);
- (vii) Substantive servicing of the meeting of the TCAH Co-ordinating Committee (fourth quarter, 1987).

3.3 Development of the Beira-Lobito Trans-Southern African Highway (TSAH)

Final outputs

- (i) Report to the TSAH Co-ordinating Committee on a study on the general alignment and final itinerary of the TSAH (third quarter, 1987);
- (ii) Substantive servicing of the meeting of the TSAH Co-ordinating Committee meeting (third quarter, 1987).

3.4 Development of the Cairo-Gaborone Trans-East African Highway (TEAH)

Final outputs

- (i) Substantive servicing of the meeting of the Governing Council of the TEAH Authority (second quarter, 1987);
- (ii) Substantive servicing of the meeting of the Governing Council of the TEAH Authority (second quarter, 1987).

3.5 African Highway Code

Final output

Technical publication: African Highway Code (second quarter, 1987)

3.6 African Highway Master Plan

Final output

Technical publication: Study on the African Highway Master Plan for government policy-makers and planners and road authorities (second quarter, 1987) (XB).

3.7 Technical assistance to countries and intergovernmental organizations in the field of rail transport

Final output

Advisory services to member States and intergovernmental organizations, on request, in the field of rail transport (two missions in 1986, two in 1987).

3.8 Workshop on maintenance, repair and renewal of railway tracks

Final output

Substantive servicing of a workshop on railway tracks maintenance and renewal (fourth quarter, 1986).

3.9 Improvement of regularity of railway operations in Africa

Final output

Technical publication: Study on improvements of regularity of railway operations (fourth quarter, 1987).

3.10 Harmonization of tariff structure and commercial rules and regulations for railways in Africa

Final output

Technical publication: Study on harmonization of tariff structure and commercial rules and regulations for railways in Africa (fourth quarter, 1987).

SUBPROGRAMME 4: AIR TRANSPORT

(a) General objectives of the secretariat: To assist member States and Governments in formulating national and multinational development policies and programmes in air transport.

(b) Resource requirements

Regular budget

Extrabudgetary

Percentage of programme total

7

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 24.60 - 24.63.

(d) Programme elements

4.1 Technical assistance to countries and intergovernmental organizations in the field of air transport

Final output

Advisory services to member States and intergovernmental organizations, on request, in the field of air transport (two missions in 1986; two in 1987).

4.2 Study on air transport costs in Africa

Final output

Technical publication: Study on air transport costs in Africa (fourth quarter, 1987).

SUPROGRAMME 5: TOURISM

(a) General objectives of the secretariat: To assist Governments in formulating national and multinational policies and programmes for the development of tourism.

(b) Resource requirements

Percentage of programme total

Regular budget

9

Extrabudgetary

-

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 24.64 - 24.67.

(d) Programme elements

5.1 Technical assistance to countries and intergovernmental organizations in the field of tourism

Final output

Advisory services to member States and intergovernmental organizations, on request, in the field of tourism (two missions in 1986; two in 1987).

5.2 Seminar on tourism statistics

Final output

Substantive servicing of a seminar on tourism statistics (third quarter, 1986).

5.3 Implementation of recommendations of the Regional Tourism Conference

Final outputs

- (i) Report to the meeting of the Association of African Tourism Agencies on joint promotion of African tourism;
- (ii) Substantive servicing of the meeting of the Association of African Tourism Agencies (second quarter, 1986);
- (iii) Report to the ECA Conference of Ministers on the mechanisms for intra-African co-operation in the field of tourism (second quarter, 1987).

5.4 Study of inter-State tourism circuits in Africa

Final output

Technical publication: Study of inter-State tourism circuits in Africa (fourth quarter, 1987).

SUBPROGRAMME 6: COMMUNICATIONS

(a) General objectives of the secretariat: To assist member States in accelerating the development of communications services in their countries at a rate commensurate with their economic and social conditions, and to assume gradually, on a co-operative basis, responsibilities for the planning of communications services and equipment manufacturing.

(b) Resource requirements

Percentage of programme total

Regular budget

15

Extrabudgetary

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 24.60 - 24.73.

(d) Programme elements

6.1 Technical assistance to countries and intergovernmental organizations in the field of communications

Final outputs

- (i) Advisory services to member States and intergovernmental organizations, on request, in the field of telecommunications (two missions in 1986; two in 1987);
- (ii) Advisory services to member States and intergovernmental organizations, on request, in the field of postal services (two missions in 1986; two in 1987);
- (iii) Servicing of regular PANAFTEL meetings at subregional levels (two in 1986; two in 1987).

Intermediate activities

Participation in the activities of PANAFTEL Co-ordinating Committee and intergovernmental organizations (fourth quarter, 1987).

6.2 Regional African Satellite Communication System

Final outputs

- (i) Report to a plenipotentiary conference on a study of the Regional African Satellite Communication System (third quarter, 1987);
- (ii) Substantive servicing of an intergovernmental experts meeting and the plenipotentiary conference on the Regional African Satellite Communication System (fourth quarter, 1987).

6.3 Development of postal services

Final output

Technical publication: Main obstacles to the development of postal services in Africa (fourth quarter, 1986).

6.4 Development of mail routing plans in Africa

Final output

Technical publication: Guidelines on organization of co-operative measures for the development of mail routing plans in Africa (third quarter, 1987).

ENERGY AND DEVELOPMENT IN AFRICA

A. Programme objectives

The energy and development programme in Africa, which is executed by the Natural Resources Division, is made up of one subprogramme whose objectives are shown below under the subprogramme.

B. Work programme

SUBPROGRAMME 1: INTEGRATION OF ENERGY POLICIES INTO OVERALL SOCIO-ECONOMIC GROWTH POLICIES

(a) General objectives of the secretariat: To initiate and participate in measures to facilitate action both individually and collectively for the integration of energy policies into general socio-economic growth and development policies in Africa; and to promote and implement multinational co-operation activities related to the exploration, exploitation, development and utilization of conventional and new and renewable sources of energy, particularly in remote and rural areas.

(b) Resource requirements

	<u>Percentage of programme total</u>
Regular budget	100
Extrabudgetary	100

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 11.68 - 11.76 and proposed revisions to the medium-term plan, Supplement No.6 (A/39/6).

(d) Programme elements

1.1. Exploration, evaluation and development of energy resources and integration of energy policy planning into overall socio-economic policy planning*

Final output

Advisory services to member States, on request, on formulation of integrated energy policies and their integration into overall development and economic growth policies, and on exploration, exploitation, distribution and use of hydrocarbons and coal resources (three missions in 1986; three in 1987);

1.2 Research, training and information

Final outputs

(i) Advisory services to member States, on request, on operational and organizational aspects of hydropower resources utilization (one mission in 1986; one in 1987);

* Highest priority.

- (ii) Report to the Council of Ministers of the Niamey-based MULPOC on a study of the possibility of developing ocean energy resources of West African coastal member States (fourth quarter, 1986);
- (iii) Award of 10 scholarships to African researchers, engineers and technicians in the field of conventional and new and renewable energy (five in 1986; five in 1987);
- (iv) Technical publication: Energy review in Africa (one issue for the biennium);
- (v) Report to the regional intergovernmental workshop on energy management on aspects of energy management in Africa (fourth quarter, 1987);
- (vi) Substantive servicing of a regional workshop for government officials on energy management in Africa (fourth quarter, 1987);
- (vii) Technical publications:
 - (a) Inventories of hydrocarbon, coal and mini-hydropower potential for the member States of the West and Central African subregions (three in fourth quarter, 1987);
 - (b) Energy resources atlas of Africa (fourth quarter, 1987).

1.3. Institution-building**

Final outputs

- (i) Advisory services to the African Regional Centre for Solar Energy on technical, managerial and economic aspects of solar energy development in Africa (one mission in 1986; one in 1987);
- (ii) Report to the ECA Conference of Ministers on the establishment of the African Nuclear Energy Commission (second quarter, 1987);
- (iii) Report to the ECA Conference of Ministers on the establishment of the African Nuclear Energy Commission (first quarter, 1987).

** Lowest priority.

TRANSNATIONAL CORPORATIONS

A. Programme objectives

This programme, which is executed by the ECA/UNCTC Joint Unit on Transnational Corporations, has three subprogrammes whose respective objectives are shown below under each subprogramme:

B. Work programme: Input to the work of the Centre for Transnational Corporations (UNCTC).

PROGRAMME : JOINT UNITS WITH REGIONAL COMMISSIONS (ECA)

SUBPROGRAMME 1: SECURING AN EFFECTIVE CODE OF CONDUCT AND OTHER INTERNATIONAL ARRANGEMENTS AND AGREEMENTS RELATING TO TRANSNATIONAL CORPORATIONS

(a) General objectives of the secretariat:

- (i) To provide the substantive support for the implementation including a report on the review of the code of conduct;
- (ii) To assist governments in disseminating and publishing the code of conduct;
- (iii) To service and provide substantive support to intergovernmental bodies working for the formulation, implementation and monitoring of other international arrangements and agreements;
- (iv) To conduct work aimed at identifying areas for other international arrangements and agreements.

(b) Resource requirementsPercentage of programme total

Regular budget
Extrabudgetary

(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 23.7 - 23.14.

(d) Programme elements1.1 Securing an effective code of conduct and other international arrangements and agreements relating to transnational corporations in AfricaFinal outputs

- (i) Technical advisory services to countries and territories, on request, on:

- (a) Establishing modalities for national and regional measures on the implementation of the code of conduct and other agreements (1987);
- (b) Monitoring the consequences of restrictive business practices and transnational corporations on African multinational enterprises. (1986);
- (ii) Report to the ECA Conference of Ministers on possibilities of adopting a common investment code relating to transnational corporations (1987).

SUBPROGRAMME 2: ENHANCING THE CONTRIBUTION OF TRANSNATIONAL CORPORATIONS TO DEVELOPMENT AND MINIMIZING THEIR NEGATIVE EFFECTS

(a) General objectives of the secretariat:

- (i) To support the efforts of the General Assembly, the Economic and Social Council, the Commission on Transnational Corporations and other intergovernmental bodies and conferences in enhancing the contribution and minimizing the negative effects of activities of transnational corporations on development;
- (ii) To assist governments, particularly those of developing African countries, by analysing the trends in the activities of transnational corporations and their impact on African development with particular reference to the New International Economic Order and the International Development Strategy; the impact and implications of the activities of transnational corporations in host countries, in particular developing African countries, including economic, political, social and cultural issues; capital and technology flows through transnational corporations; the effectiveness of existing national policies, laws and regulations on matters related to transnational corporations; the role and impact of transnational corporations in specific sectors, and describing transnational corporations in these sectors; the effectiveness of contracts and agreements between host country entities and transnational corporations; structures and strategies of transnational corporations;
- (iii) To organize seminars and other meetings in different subregions aimed at disseminating the findings of its research and analysis and at examining ways of translating these findings into intergovernmental and governmental policies and measures.

(b) Resource requirements

Percentage of programme total

Regular budget
Extrabudgetary

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-

- (c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 23.15 - 23.19.

(d) Programme elements

2.1 Technical advisory services to countries and territories

Final outputs

- (i) Advisory services to countries and territories, on request, on:
 - (a) The role and impact of transnational corporations on social environmental aspects of growth and development in Africa (1986).
 - (b) Assessing the impacts of transnational corporations on Africa's industrialization programmes in the framework of the United Nations Industrial Development Decade in Africa (1987);
- (ii) Report to the ECA Conference of Ministers on the policies and practices of transnational corporations in the implementation of the United Nations Transport and Communications Decade in Africa (1987);
- (iii) Report to the African ministerial conference on transnational corporations in Africa's development processes on problems of transnational corporations and African development (1986).

SUBPROGRAMME 3: STRENGTHENING THE CAPABILITY OF HOST DEVELOPING COUNTRIES IN DEALING WITH MATTERS RELATED TO TRANSNATIONAL CORPORATIONS

- (a) General objectives of the secretariat:
 - (i) to assist governments in the examination of policy options related to transnational corporations either at the overall level, in specific sectors or in connection with specific issues such as ownership and control, acquisition of technology, fiscal and financial questions and transfer pricing;
 - (ii) to assist governments in elaborating or strengthening evaluation, screening and monitoring guidelines for projects involving equity or non-equity participation of transnational corporations, as well as in developing or strengthening relevant governmental infrastructure, procedures and information system in this regard;
 - (iii) to assist governments in evaluating, within the context of specific projects, the alternative merits of various types of contractual arrangements such as joint ventures, licensing, management contracts and production-sharing agreements;
 - (iv) to assist governments on legal, financial, economic and operational issues related to specific contractual arrangements with transnational corporations in the natural resources, manufacturing or service sectors;
 - (v) to assist governments by providing staff support in preparation for negotiations;

- (vi) to organize and conduct training workshops, seminars, roundtables and study tours on matters related to regulating and negotiating with transnational corporations;
- (vii) to assist governments in developing or strengthening national information systems related to transnational corporations;
- (viii) to collect and disseminate information on laws and regulations, individual transnational corporations, contracts and agreements and other data sources;
- (ix) to respond to requests from governments for information on matters related to transnational corporations;
- (x) to assist existing institutions of higher learning of developing countries in developing interdisciplinary programmes of training on matters related to transnational corporations.

(b) Resource requirements

Percentage of programme total

Regular budget

Extrabudgetary

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(c) Reference: Medium-term plan for the period 1984-1989 (A/37/6), paras. 23.20 - 23.28.

(d) Programme elements

3.1 Technical advisory services to countries and territories

Final outputs

- (i) Advisory services to countries and territories, on request, on:
 - (a) designing and operating national institutions for dealing with transnational corporations (1986);
 - (b) the training of local technical and managerial expertise to deal with transnational corporations (1987);
 - (c) the development of alternative patterns of business management in Africa in the light of activities of transnational corporations (1986);
- (ii) Report to the ECA Conference of Ministers on measures to monitor and evaluate the flow of resources to Africa through the activities of transnational corporations (1986).