ECONOMIC COMMISSION FOR AFRICA

PROGRAMME OF WORK AND PRIORITIES
1975 AND 1976
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<tr>
<td>AAASA</td>
<td>Association for the Advancement of Agricultural Sciences in Africa</td>
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<td>ADB</td>
<td>African Development Bank</td>
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<td>AID</td>
<td>Agency for International Development (United States)</td>
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<td>ASWEA</td>
<td>Association of Social Work Education in Africa</td>
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<tr>
<td>CAFRAD</td>
<td>Centre africain de formation et de recherche administratives pour le développement</td>
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<tr>
<td>CIEA</td>
<td>Centre international d'études agricoles</td>
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<td>CIEH</td>
<td>Comité intra-africain d'études hydrauliques</td>
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<tr>
<td>CDPPP</td>
<td>Centre for Development Planning, Projections and Policies</td>
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<tr>
<td>COMÉCON</td>
<td>Council for Mutual Economic Aid</td>
</tr>
<tr>
<td>CPCM</td>
<td>The Permanent Consultative Committee of the Maghreb</td>
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<tr>
<td>DANIDA</td>
<td>Danish International Development Agency</td>
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<tr>
<td>ECA</td>
<td>Economic Commission for Africa</td>
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<td>ECE</td>
<td>Economic Commission for Europe</td>
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<td>ECOSOC</td>
<td>Economic and Social Council</td>
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<td>EEC</td>
<td>European Economic Community</td>
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<td>ESCAP</td>
<td>Economic and Social Commission for Asia and the Pacific</td>
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<td>FAO</td>
<td>Fonds d'assistance et de coopération</td>
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<td>FAO (Food and Agriculture Organization of the United Nations)</td>
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<td>FES</td>
<td>Friedrich Ebert Stiftung</td>
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<tr>
<td>GATT</td>
<td>General Agreement on Tariffs and Trade</td>
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<td>HCR</td>
<td>United Nations High Commission for Refugees</td>
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<td>IAEA</td>
<td>International Atomic Energy Agency</td>
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<td>IBRD</td>
<td>International Bank for Reconstruction and Development</td>
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<td>IDA</td>
<td>International Development Association</td>
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<td>IDEP</td>
<td>African Institute for Economic Development and Planning</td>
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<td>IMCO</td>
<td>Inter-Governmental Maritime Consultative Organization</td>
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<tr>
<td>IMF</td>
<td>International Monetary Fund</td>
</tr>
<tr>
<td>IIAP</td>
<td>Institut international d'administration publique (Paris)</td>
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<tr>
<td>IISA</td>
<td>Institut international des sciences administratives (Bruxelles)</td>
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<tr>
<td>IIT</td>
<td>International Inter-modal Transport</td>
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<tr>
<td>ILO</td>
<td>International Labour Office (Secretariat)</td>
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<td>ILO (International Labour Organization)</td>
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<td>ITC</td>
<td>International Trade Centre</td>
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<tr>
<td>Acronym</td>
<td>Full Name</td>
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<tr>
<td>ITU</td>
<td>International Telecommunications Union</td>
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<td>IUOTO</td>
<td>International Union of Official Travel Organizations</td>
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<tr>
<td>OAU</td>
<td>Organization of African Unity</td>
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<tr>
<td>OCAM</td>
<td>Common Organization of African and Malagasy States</td>
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<tr>
<td>ODA</td>
<td>Overseas Development Administration</td>
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<tr>
<td>ODTA</td>
<td>Organization for the Development of Tourism in Africa</td>
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<tr>
<td>OECD</td>
<td>Organization for Economic Co-operation and Development</td>
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<td>OTC</td>
<td>Office of Technical Co-operation</td>
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<tr>
<td>SIDA</td>
<td>Swedish International Development Agency</td>
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<td>SIPIDA</td>
<td>Société internationale financière pour les investissements et le développement en Afrique</td>
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<tr>
<td>STRC</td>
<td>Scientific Technical and Research Commission</td>
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<tr>
<td>TFMD</td>
<td>Trade, Fiscal and Monetary Affairs Division</td>
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<tr>
<td>UNACST</td>
<td>United Nations Advisory Committee on the Application of Science and Technology</td>
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<td>UAR</td>
<td>Union of African Railways</td>
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<tr>
<td>UN</td>
<td>United Nations</td>
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<td>UNCNRET</td>
<td>United Nations Centre for Natural Resources, Energy and Transport</td>
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<td>UNCTAD</td>
<td>United Nations Conference on Trade and Development</td>
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<td>UNDAT</td>
<td>United Nations Multinational Interdisciplinary Advisory Team</td>
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<td>UNDP</td>
<td>United Nations Development Programme</td>
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<tr>
<td>UDEAC</td>
<td>Union douanière et économique de l'Afrique centrale</td>
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<tr>
<td>UNESCO</td>
<td>United Nations Educational, Scientific and Cultural Organization</td>
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<td>UNICEF</td>
<td>United Nations Children's Fund</td>
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<tr>
<td>UNIDO</td>
<td>United Nations Industrial Development Organization</td>
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<tr>
<td>UNITAR</td>
<td>United Nations Institute for Training and Research</td>
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<tr>
<td>UNO</td>
<td>United Nations Organization</td>
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<tr>
<td>UPU</td>
<td>Universal Postal Union</td>
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<td>WFP</td>
<td>World Food Programme</td>
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<tr>
<td>WHO</td>
<td>World Health Organization</td>
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<tr>
<td>WMO</td>
<td>World Meteorological Organization</td>
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<tr>
<td>VAB</td>
<td>Voluntary Agencies' Bureau</td>
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Introduction

The following programme of work and priorities for 1975 and 1976 has been extracted from documents E/CN.14/TECO/22/Rev.1/Corr.1 as it relates to 1974-1975 and E/CN.14/TECO/23/Rev.2 as it relates to 1976-1979. It forms part of the programme of work and priorities for 1974-1976, with projections to 1979, which was originally prepared and subsequently reviewed in 1974 in consultation with the Executive Committee and the Technical Committee of Experts of the Economic Commission for Africa in the light of the recommendations of Department of Economic and Social Affairs of the United Nations and other relevant bodies of the United Nations prior to its endorsement by the Conference of Ministers at its second and third meetings held at Accra from 19 to 23 February 1973 and at Nairobi from 24-28 February 1975. This two-year programme is in line with Commission resolution 212(IX) which requests the Executive Secretary to present precise work plans for successive periods of two years based on the progress of work in the preceding biennium and takes into account projects which could not be executed during 1974 as well as recommendations of the Technical Committee of Experts at its fifth meeting held at Addis Ababa from 17 to 21 February 1975.

As from 1 January 1974 the secretariat introduced the universal United Nations project coding system in which the Organizational Unit EGA will be represented by 11, up to the end of 1975, after which the code for EGA will change to 9, followed by the programme in question, programme component and finally the specific activity within the programme component.

For example:

11 210 01
(EGO) Organizational Unit

210 (Programme) e.g. Agriculture

01 (Programme component) e.g. State of Food and Agriculture: review of current food and agricultural situation in the Africa Region.

(Specific activity) e.g. contribution to the EGA Survey of Economic and Social Conditions in Africa.

As usual, in addition to resources obtained from the regular budget, the programme of work and priorities for 1975 and 1976 makes allowance for project implementation with resources from bilateral and other extra-budgetary sources. However, inasmuch as there will probably be changes in the implementation of the work programme and priorities due to unforeseen circumstances, the Conference of Ministers at Nairobi reaffirmed its policy of entrusting the Executive Secretary with the establishment of a different order of priorities within the framework of an integrated system of long-term planning, budgeting and programming.
Main programme objectives

Agriculture

The efforts of ECA in the agricultural sector will include: seeking ways and means by which subregional co-operation and the expansion of intraregional trade in agricultural and agro-industrial products can provide the incentive for adopting improved technology and expanding production; the development of pastures and feedlots, the expansion of watering points and the settlement of nomads as well as the improvement of marketing and marketing facilities; assistance in the formulation and implementation of plans and programmes for the transformation of the economies of the countries of the Sudano-Sahel; establishing close links between countries which produce food surpluses and those which are in deficit, as well as seeking the expansion of production in areas with high production potential; and the establishment of new ones, which can facilitate and promote rapid agricultural development, the improvement of land tenure systems and agrarian reform.

Development planning, projections and policies

This programme will continue to centre on the more technical aspects of macro-economic research into socio-economic problems and problems of development planning and implementation in Africa within the context of the pursuit of the goals and objectives of the Second Development Decade. A major effort of this programme during the plan period will be the review and appraisal of progress towards the targets of the International Development Strategy and the African Strategy for Development in the 1970s. Emphasis will also continue to be placed on development prospects and the special problems of the least developed African countries and measures to promote their development. Furthermore, emphasis will be placed on the identification, appraisal and promotion of economic co-operation opportunities and strategies, and the organizational, institutional and other problems of African economic co-operation and integration. Links between the UNDATs and the subregional offices will continue to be strengthened.

Education and Training

The central operational focus of this programme will be to help African countries develop an adequate and effective local capability and the institutional base needed for developing manpower resources in the interest of implementing economic and social development programmes. Programme emphasis will be on training to reduce present heavy reliance on foreign technical skills and know-how.

Human settlements

ECA's efforts will continue to focus on the formulation of policies, plans and programmes for housing, building and physical planning; improving the availability and effective utilization of financial resources for physical development, including housing in urban and rural development, and promoting the establishment of institutions for housing finance; promoting physical development by providing field assistance in the establishment of infrastructure and low-cost housing, reviewing standard designs and specifications for low-cost housing and community facilities, and establishing
units within appropriate Government ministries to organize systems for evaluating construction costs, and promoting building research and standardizing building components as well as broadening knowledge of the building materials and construction industries.

Industrial development

This programme will focus on assistance to member States in the promotion and pursuit of effective policy measures, plans and programmes for accelerating industrialization in Africa. Aspects of this endeavour will include: harmonization of action on specific issues of industrialization; decision-making on multinational industries; industrial project development and pre-investment programming; project identification, preparation and evaluation; industrial investment promotion services; development of rural and small-scale industry; and industrial training and technology. The biennial conference of Ministers of Industry, jointly sponsored by ECA, OAU and UNIDO, is expected to continue to provide a forum for intergovernmental consultations for the purpose of promoting intra-African co-operation, reviewing progress and recommending policies for sustained industrial growth. Furthermore, the Joint ECA/UNIDO Industry Division, established in January 1974, is expected to facilitate greater co-ordination of industrialization activities in Africa.

International Trade

ECA activities in the field of international trade will concentrate on generating structural changes by using international trade as a vehicle for transforming African economies from the traditional system to a dynamic combination of agriculture and manufacturing industries and assisting African countries to earn foreign exchange to finance their development. The key elements of the overall programme will be: restructuring of Africa's trade; development and expansion of intra-African trade; measures to ensure remunerative prices for African commodities, including commodity arrangements and access to markets; development of African trade through appropriate trade promotion programmes and activities; establishment of common trade and development institutions; and harmonization of African views on international trade and development issues.

Labour, management and employment

This programme will focus on employment planning, utilization of available trained manpower, support for management development activities and the integrated human resources planning approach to population planning.

Natural Resources

The programme will focus on assisting Governments to define their own problems and needs in resources inventory and assessment, to plan the development of their natural resources, to modernize and strengthen their services for the collection, storage, retrieval and interpretation of data on natural resources and to establish facilities for education, training, research and management in the various natural resources fields. This
assistance will be supplemented by the convening of conferences, training seminars and study tours to facilitate the exchange of new techniques in the fields of minerals, water, energy, cartography and the human environment.

**Population**

The long-term goal of ECA's population programme will continue to be to improve understanding of population trends and their interrelationship with economic and social development, to examine the implications of population factors for the improvement of the quality of life and to promote the adoption of effective population policies and programmes as an integral aspect of development planning. The African census programme component within ECA will continue; the Governments of the region will be assisted in creating a capacity to conduct all types of demographic data collection operations, especially population censuses and demographic surveys; in developing vital statistics registration systems; in building up national cadres of demographers; and in increasing their capacity to utilize effectively the data obtained from censuses, surveys and vital statistics registration system.

**Statistics**

ECA's statistics programme will focus mainly on the development and co-ordination of statistical services in the African region; assisting African Governments in creating a capacity to conduct all types of data collection operations; and developing a regional framework of statistical information so as to provide a reasonably comprehensive account of the African economic and social situation.

**Transport and Communications**

Efforts under this programme will continue to be directed toward institution building covering telecommunications, major international highways, multipurpose development and use of inland waterways, civil aviation, maritime and coastal shipping and manpower. Much of the work will be concerned with building new institutions and arranging exchanges of knowledge, taking into account experience with existing institutions. Furthermore, the programme will concentrate on providing the information base required in building institutions; drafting international treaties and agreements and promoting their effective adoption; designing and promoting the establishment of facilities for improving national capabilities — specifically the development of manpower for transport and telecommunications; stimulating, in collaboration with the United Nations and other agencies, financing for international road and telecommunications links; and organizing meetings concerned with securing agreement on projects, on mechanisms and processes of co-operative action or on negotiations to secure financing or other resource support for projects.

**Public Administration**

Activities in this programme will focus on encouraging and assisting Governments and institutions to provide facilities for localizing training and qualifying facilities in certain fields, such as accountancy, secretariatship and procurement and supplies management, with the aim of producing an adequate supply of functionaries in these fields and improving administration and management capability.
Public finance and financial institutions

The goal of this programme will continue to be the enhancement of the capacity of developing African countries to finance expanded development programmes through the improvement of their fiscal and monetary policies, systems and measures. The key elements of this programme are: the development of budgetary management and taxation policies and measures; a review of the role of domestic financial resources in development; and a review of the monetary and financial aspects of African development.

Social Development

This programme will focus on promoting appropriate strategies integrating national policies, machinery and action for rural development, including the promotion of technologies appropriate to rural communities; promoting co-ordination of the Commission's work with that of international agencies sponsoring rural development projects, identifying, analysing and reviewing social trends and major social development problems; assisting in developing appropriate social policies and programmes including social work training; and assisting in strengthening national programmes for women designed to improve their position in the home and in society and promote their further participation in national development.

Science and Technology

The programme in science and technology will focus on the creation of new or the strengthening of existing national governmental machinery for scientific and technological planning and policy-making; the development of programmes and institutions for the training of scientific and technical personnel; the development of an institutional infrastructure for technological research; the mobilization of popular support for the application of science and technology to development; and the promotion of co-operation among scientists and technologists and their respective institutions in the various member States of the Commission.
11.211

A. 

BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

11.211

State of food and agriculture: review of current food and agricultural situation in the Africa Region

Origin:

Commission terms of reference

Project aim:

(i) To facilitate the discussion of the current economic and social situation by means of a review of food and agriculture situation in the Region;

(ii) To promote the exchange of information among member States and to make information available to other international and regional organizations on the economic aspects of food and agriculture in the Region.

Priority A

Work content:

11.211.01

(a) Assistance to countries and territories (1975-1976):

Provision of information or comments and advice, on request, through correspondence or participation at meetings and secretariat visits to requesting countries.

(b) Studies:

11.211.02

Analysis of national reports on the state of food and agriculture in member States to provide basic information on intra-regional trade in foodstuffs (1975-1976);

11.211.04

Contribution to the ECA "Survey of Economic and Social Conditions in Africa" (1975-1976);

11.211.05

Contribution to the Second Development Decade review and appraisal (1975-1976);

11.211.06

Contribution to the State of Food and Agriculture (SOFA) of FAO.

(c) Collection and dissemination of information:

11.211.21

Publication, biennially, of the "Agricultural Economics Bulletin for Africa" (1975-1976);

11.211.22

Periodic reports on current developments in the field of food and agriculture (1975-1976).
Related programmes:


11.212

Review of agricultural development plans and promotion of agricultural regional co-operation

Origin:

FAO regional conferences; Commission resolutions 111(VI), 141(VII), 152(VIII), 229(X), 256(XII), 265(XII) and 266(XII).

Project aim:

(i) To provide assistance to countries in improving agricultural programming;

(ii) To formulate feasible schemes for inter-country co-operation with particular reference to food production and to assist the countries in implementing such schemes.

Priority A

Work content:

11.212.01 (a) Assistance to countries and territories (1975-1976):

(i) Assistance to countries in the Region in improving agricultural programming and in establishing and implementing feasible schemes for inter-country and sub-regional co-operation;

(ii) Participation in inter-disciplinary ECA, UNDAT and FAO Regional Office group missions to member countries as necessary;

(iii) Assistance to countries in the Sudano-Sahelian and other drought-stricken areas in the formulation, co-ordination and implementation of programmes to combat problems of drought;

(iv) Participation in the Working Party for preparing the terms of reference, the rules of procedure and the organizational set-up of the African Inter-Ministerial Food Committee (1975);

(v) Assistance and service to the African Inter-Ministerial Food Committee;

(vi) Technical back-stopping for regional projects such as agricultural aspects of drainage basin development (Lake Chad, Mano/Niger/Senegal Rivers) and individual commodity development projects such as 'ARDA.'
(b) Studies:

11.212.03 Preparation of studies for regional commodity groups, i.e. food crops and food products group (1975-1976).
- Roots and tubers (yams, cassava, cocoyam, sweet and Irish potatoes, etc.)
- Cereals (rice, maize, sorghum/millet, etc.)
- Vegetables and fruit
- Pulses (plant protein)
- Meat and other animal products
- Others (miscellaneous - low priority)

Industrial and export commodity groups:
- Cocoa, coffee, kola, tea (stimulant beverage foods)
- Vegetable oil, oilseeds and oil fruit
- Fibres: cotton, jute, kenaf, sisal and other hard fibres
- Sugar-cane and other sugar sources
- Mildly toxic alkaloids: pyrethrum, tobacco, gloriosa superba (for colchicine), etc.
- Rubbers: hevea latex and other latex sources.

9.212.04 Study on the establishment of group-country food reserves and marketing arrangements (1976);

9.212.05 Participation in the studies on the eradication of tse-tse fly and trypanosomiasis in the Region (1976);

9.212.06 Participation in project and programme formulation and feasibility studies for livestock development and expansion of meat production in the region (1976).

(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.212.26 Seminar on policies for improving and expanding maize production in Africa (1975);

9.212.26 Intergovernmental, regional or sub-regional consultations to discuss recommended schemes for expanding the production and improving the marketing of the main agricultural products of the Region (1976);

9.212.27 Seminars or expert working groups on agricultural development planning and programming (1976);

Related programmes:


11.213

Improvement of agricultural institutions and services

Origin:

ECOSOC resolutions 1213(XLIII) and 1495(XLVIII); Commission resolutions 107(VI) and 152(VIII); FAO Conference resolution 13163; FAO regional conferences for Africa.

Project aim:

(i) To facilitate structural and operational improvements in rural institutions and supporting services;

(ii) To disseminate information on management efficiency studies on selected farming units, land reform, trials in different countries on fertilizers, chemicals for plant and animal protection, use of improved seeds, storage and transport and on such pilot projects as CAU in Ethiopia, Ujamaa villages in Tanzania, "core" project in Madagascar and the family-size pilot farming units in Upper Volta.

Priority A

Work content:

(a) Assistance to countries and territories (1975-1976):

Extending advice to member Governments, on request, for undertaking any of the above functions within the framework of their national and regional development goals and objectives; support in agricultural research and promoting co-operation in research on an ecological basis; participation in the activities of the FAO Special Committee on Agrarian Reform related to the development of settlement schemes and improvement and administration of land institutions and laws; assistance for the creation of agricultural producers' associations for specific commodities and food items.

(b) Studies:

11.213.02

Continuation of studies on changes in agrarian structures and land tenure policies in Africa; (1975-1976)

11.213.03

Studies on management efficiency and on costs and benefits of private farms and Government-sponsored food production programmes (1976);

11.213.04

Studies on the organizations and programmes of national/international agricultural research institutions and their relationship to extension and training institutions aimed at making more efficient and effective the application of the results of research (1976);
Evaluation studies of small farm development projects and programmes (1976).

(c) Collection and dissemination of information:

11.213.21 Contribution to "Rural Development Newsletter".

Related Programmes:

Functional links with projects 11.211 and 11.212. Close collaboration and joint work with UNDAZS, UDEAC, CAU, AAASA, AFRA and other regional groupings, especially WARDI and CILSS, FAO Human Resources, Institutions and Agrarian Reform Divisions and Research Development Centre, interested bilateral and multilateral donor organizations and the ECA Population Centre, Economic Research, Trade and Natural Resources Divisions.

The Eighth FAO Regional Conference Report, paras. 13.6, 13.8 and 14.7 propose the establishment and improvement of agricultural mechanization centres which would catalogue possible forms that mechanization might take in Africa; test the suitability of various types of machinery and train personnel in the use, maintenance and repair of agricultural machinery. It noted that some Governments had already established such test and training facilities.

MAN-MONTHS REQUIREMENTS : 1975 AND 1976


<table>
<thead>
<tr>
<th>Project Code</th>
<th>Project Title</th>
<th>1975 Man-months required (P C RA XB(P) G5)</th>
<th>1976 Man-months required (P C RA XB(P) G5)</th>
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<tr>
<td>11.211</td>
<td>State of food and agriculture: review of current food and agricultural situation in the Africa Region</td>
<td>22 - - 11</td>
<td>22 - - 20</td>
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<tr>
<td>11.212</td>
<td>Review of agricultural development plans and promotion of agricultural regional co-operation</td>
<td>78 - - 164</td>
<td>73 - - 84</td>
</tr>
<tr>
<td>11.213</td>
<td>Improvement of agricultural institutions and services</td>
<td>20 - - 100</td>
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<td>120 - - 275</td>
<td>120 - - 159</td>
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TABLE PCU 1-74

AGRICULTURE
11.240 DEVELOPMENT PLANNING, PROJECTIONS AND POLICIES

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

11.241 Development trends, requirements and possibilities

Origin:
Commission terms of reference, first session report, tenth session report; General Assembly Resolution 3202 (S-VI);

Project aim:
To present an analysis and a review of economic trends and developments in member countries and the region in the context of implementing both international and the regional development strategies. To pay particular attention to countries most subject to economic crisis and natural calamities.

Priority A

Work content:

11.241.01 (a) Assistance to countries and territories (1975-1976):

(i) Providing advisory services and undertaking advisory missions to member countries, on request, in the field of appraisal of progress and economic surveys;

(ii) Advising on, and assisting in the training of personnel and organization of a regular programme for the conduct of economic surveys;

(iii) Improving the flow of economic information to be able to monitor the impact of natural calamities and economic crises on individual countries or groups of countries.

(b) Studies:

11.241.03 Third biennial review and appraisal of the progress of the regions during the Second Development Decade, Part I of the Annual Survey of Economic and Social Conditions in Africa (1976);

11.241.04 Current economic developments and policies in the member countries of the Commission. Part II of the Annual Survey of Economic and Social Conditions in Africa (1975-1976);

11.241.05 The origin and development of inflationary trends in African countries; the impact on growth, part I of the Annual Survey of Economic and Social Conditions in Africa (1975);

(c) Collection and dissemination of information:

11.241.20 Part I of Annual Survey of Economic and Social Conditions in Africa (1975);

(d) Conferences, meetings, seminars and expert working groups (1975-1976):


Related programmes:

Close collaboration with CBPPP and all EGA Divisions. Economic Bulletin for Africa (biennial).

11.242  Planning, projections and programming

Origin:

ECOSOC resolutions 916(XXVIC), 924(XXXIV), 979(XXXVI), 1035(XXVII), 1079(XLI) and 1175(VLI); Commission terms of reference, first session report, Commission resolutions 15(II), 18(II), 37(III), 48(IV), 49(IV), 80(V), 105(VI), 111(VI), 145(VII), 197(IX) and 218(X), Planners' Conference reports.

Project aim:

To assist Governments in improving their planning, programming and projection machinery and techniques, and thereby enhancing the overall performance of their economies.

Priority A

Work content:

11.242.01  (a) Assistance to countries and territories (1975-1976):

(i) Providing advisory services to member countries, on request, in the field of development planning, programming and projections;

(ii) Assisting Governments in organizing at the national, sub-regional and regional levels, courses on planning, programming and projections and in establishing, as required, regional training centres.

(b) Studies:

11.242.03  Analysis of those development plans of the African countries issued in 1975 and 1976 (1975-1976);

11.242.04  Unified Approach to Development Planning: Study of existing planning methods in ten African countries and suggestions for reforms (1975-1976);

11.242.05  Study of measures to eradicate mass poverty (1975).
11.242.06 Projections of trade gaps and feasible growth rates in a number of countries of the region up to 1980 (1975);

9.252.10 Examination of the possibilities of developing a standard macro-economic model for African countries (1976);

(c) Collection and dissemination of information:

11.242.20 Economic Bulletin for Africa:

(d) Conferences, meetings, seminars and expert working groups (1975-1976):


Related programmes:


11.243 Special problems of the least developed, land-locked and island African countries and the measures to promote their development

Origin:

General Assembly resolutions 2564(XXIV), 2803(XXVI) and 3202(S-VI); UNCTAD resolutions 24(II) and 62(III), Commission report of the Tenth Session; Commission resolutions 210(IX), 218(X), 222(X), 232(X) and 263(XIII).

Project aim:

Study and evaluate possible ways and means of assisting the least developed, land-locked and island countries in Africa in overcoming the hindrance to their development and thereby in accelerating their rate of growth.

Priority A

Work content:

11.243.01 (a) Assistance to countries and territories (1975-1976):

(i) Conducting missions in co-operation with the UNDACTS designed to identify the special problems of least developed African countries and provide advisory services;

(ii) In formulating proposals and recommendations on measures for overcoming specific impediments to their socio-economic development.
(b) Studies:

11.243.02 Annual socio-economic review of the problems and prospects of the least developed countries emphasising their specific needs and recommending measures for the improvement of their development opportunities (1975-1976).

Related programmes:

Close collaboration with UNCTAD, CDFPP, OAU, multinational African groupings, specialized agencies and all ECA Divisions.

11.244 Identification and promotion of economic co-operation opportunities

Origin:

General Assembly resolutions 2563(XXIV) and 3202(S-VI); ECOSOC resolution 1442(XLVII); UNCTAD resolution 23(II); Commission terms of reference; Commission resolutions 19(III), 211(IX), and 256(XII).

Project aim:

To apprise Governments of options that may be adopted in the promotion and establishment of economic co-operation schemes in various economic sectors, and to promote arrangements for appropriate multinational action.

Priority A

Work content:

11.244.01 (a) Assistance to countries and territories (1975-1976):

(i) Technical assistance to intergovernmental groupings in connection with meetings, conferences, seminars etc.;

(ii) In the harmonization of work programme in economic co-operation among intergovernmental groupings;

(iii) Identification, formulation and implementation of economic co-operation schemes in agriculture, industry, training research, transport, trade, etc.

(iv) Negotiations for and implementation of benefit-sharing schemes among intergovernmental groupings.

(b) Studies:

11.244.03 Biennial review of activities within the region aimed at achieving economic integration and co-operation; the review to identify bottlenecks and suggest possible remedies (1975).
Related programmes:

Close collaboration with UNCTAD, UNIDO, GEFPP, ITC, UNDATS, other United Nations agencies, ADB, OAU, African intergovernmental organizations and ECA Divisions.

11.245 Institutional and legal problems of African economic co-operation

Origin:

General Assembly resolution 2563(XXIV); ECOSOC resolution 1142(XLVII); Commission resolutions 19(II), 211(IX), and 256(XII).

Project aim:

To assist Governments in making adequate institutions and legal provisions for economic co-operation and adopting appropriate policies and measures for strengthening economic integration and overcoming both internal and external hindrances to multinational co-operative actions.

Priority A

Work content:

11.245.01 Assistance to countries and territories (1975-1976):

(a) (i) Suggesting required reforms in the structure, work methods, administrative procedures, etc., of intergovernmental institutions where appropriate to provide an adequate framework for negotiation, decision-making and implementation of economic integration projects;

(ii) Expansion and rationalization of existing intergovernmental groupings;

(iii) Reviewing legal implications and making appropriate proposals in connection with such multinational co-operation schemes as joint production enterprises, trade liberalization transit trade, joint river basins, intergovernmental centres for monetary studies, cartography and mineral resources development, etc.

(iv) By serving as a clearing house to all African multinational economic co-operation groupings on information relevant to the general African economic co-operation movement.

(b) Studies:


(d) Conferences, meetings, seminars and expert working groups (1975-1976);

11.245.26 Meeting of Experts from English-speaking Africa to consider selected problems of Industrial Property Law for follow-up action (1975);

11.245.27 Meeting of African experts in General Conditions of Sale (1975)

11.246 Management and Co-ordination of the United Nations Multidisciplinary Teams (UNDATs)

Origin: General Assembly resolution 2563(XIV); ECOSOC resolution 1442(XLVI); and Commission resolution 241(XI) and 256(XII).

Project aim: To assist Governments and intergovernmental economic co-operation organizations in the formulation of development plans; in adopting multi-disciplinary approach to project evaluation; and in implementing national and multinational projects, and in co-ordination of economic activity in specific fields.

Priority A

Work content:

11.246.01 (a) Assistance to countries and territories (1975-1976):

To assist UNDATs in the recruitment and management of personnel; in supporting Governments in the formulation of projects; consultations with Governments on operations of UNDATs; financial management and co-ordination of the backstopping by ECA Divisions; appraisal of and check on performance of UNDATs programme; documentation and servicing of meetings of UNDATs.

(b) Studies:

11.246.02 Research into ways in which UNDATs can promote economic co-operation in the subregions of Africa (1975-1976);

(c) Conferences, meetings, seminars and expert working groups (1975-1976);

11.246.26 Annual inter-governmental programme review committee meetings of UNDATs (1975-1976);

11.246.27 Periodic meetings of ministers at subregional level (1976).

Related programmes: Close collaboration with CDPP, UNIDO, UNCTAD, other United Nations agencies, ADB, OAU, African intergovernmental organizations, and ECA Divisions.
### MAN-MONTHS REQUIREMENTS: 1975 AND 1976

#### TABLE PGO 1-74

**DEVELOPMENT PLANNING, PROJECTIONS AND POLICIES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title of project</th>
<th>1975 Man-months required</th>
<th>1976 Man-months required</th>
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<tr>
<td></td>
<td></td>
<td>P</td>
<td>C</td>
</tr>
<tr>
<td>11.241</td>
<td>Development trends, requirements and possibilities</td>
<td>54</td>
<td>9</td>
</tr>
<tr>
<td>11.242</td>
<td>Planning, projections and programming</td>
<td>76</td>
<td>24</td>
</tr>
<tr>
<td>11.243</td>
<td>Special problems of the least developed, land-locked and island countries, and the measures to promote their development</td>
<td>15</td>
<td>12</td>
</tr>
<tr>
<td>11.244</td>
<td>Identification and promotion of economic cooperation opportunities</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>11.245</td>
<td>Institutional and legal problems of African economic cooperation</td>
<td>12</td>
<td>12</td>
</tr>
</tbody>
</table>

**TOTAL**                                                                                       | 228| 21 | 36 | 12 | 132| 28 | 22 | 42 | 12 | 132  |
EDUCATION AND TRAINING

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

11.261 Training for development

Origin:
Commission resolutions 82(V), 110(VI), 125(VII), 127(VII), and 202(VIII); African Declaration on Cooperation, Development and Economic Independence of May 1973.

Project aim:
To undertake studies, training workshops and advisory missions aimed at making African training systems and programmes more efficient, effective and relevant to the needs of economic and social development; to improve the professional performance of instructors within African pre- and in-service training centres; to promote the use and development of more effective instructional materials; to encourage the co-ordination and harmonization of training policies and programmes at the national level; and, to promote professional co-operation and leadership in training and development.

Priority A

Work content:

11.261.01 (a) Assistance to countries and territories (1975-1976):

   (i) In promoting the development of multinational centres for the training of vocational and technical instructors;

   (ii) In establishing liaison with higher level training institutes to promote more effective and development-oriented education and training programmes;

   (iii) In assisting with the comprehensive review of national education and training systems;

   (iv) In promoting national and regional Associations for Training and Development;

   (v) In promoting national organizations and institutional machinery for the co-ordination of training policies and programmes.

(b) Studies:

11.261.02 Evaluation study of innovative developments in African Universities and post-secondary institutions related to manpower development (1975);

11.261.03 Evaluation study of pre-vocational programmes in African lower and middle-level institutions (1975-1976);
Evaluation study of the impact of aid to African training institutions (1976);

Case studies in training for industrialization (1975-1976);

An evaluation study of the relevance and effectiveness of special training programmes for youths in economic and social development (1975);

Evaluation studies of facilities for, and requirements of higher management education and training in selected African countries (1975-1976);

Study of innovations and programme effectiveness in non-formal educational and training programmes for manpower development (1976);

Studies of achievements, possibilities and constraints in intra-African cooperation in the development and utilization of higher educational and specialized training facilities: East and Southern Africa (1976);

Case studies in training for rural transformation and agricultural modernization (1976);

Comparative studies of educational policies and programmes for rural development in selected African countries—experiences, problems and effectiveness in aiding rural modernization (1976);

Collection and dissemination of information:

Course materials (1975-1976);

Monographs on training for development, (1975-1976);


Conferences, meetings, seminars and expert working groups (1975-1976);

Subregional and national training workshops on methodology and techniques for cost-benefit analysis of training projects and programmes (1975-1976);

ECOSOC/AACE Training workshops for correspondence education course writers and administrators (1975-1976);

Workshops on training methods and the use of instructional materials and equipment for instructors of training institutes and in-service training centres and conference of the African Association for Training and Development (1975-1976).
Priority B

11.261.29  Regional workshop on technical education and training for agricultural modernization (1975);

11.261.30  Subregional and national workshops on the development and production of instructional materials (1975-1976);

9.261.34  Subregional and national programmes for the training of commercial instructors and senior secretaries (1976);


Related programmes:

- Close collaboration with UNESCO, ILO, UNITAR, UNIDO, Public Administration Division (United Nations Headquarters), CAFRAD, IDEP, African educational and training institutions, and with bilateral agencies.

11.262  Fellowship programme and training facilities in Africa

Origin:

Commission resolution 77(V), 123(VII), 125(VII) and 173(VIII).

Project aim:

To develop and administer fellowship programme for training Africans in fields of priority manpower requirements and to promote intra-African co-operation in the development and utilization of training facilities. To promote in-service training for African economists and statisticians.

Priority A

Work content:

11.262.01  (a) Assistance to countries and territories (1975-1976):

   (i) Administration and development of ECA coordinated bilateral scholarship and fellowship programme;

   (ii) Promotion of intra-African co-operation in the development and utilization of educational and training facilities.

(b) Studies:

9.262.02  Evaluation studies and reports on ECA coordinated bilateral scholarship and fellowship programme, including evaluation of reports by former fellows and their employers (1975-1976).
(c) Collection and dissemination of information:

11.261.20 Training Information Notice, (1975-1976);

11.262.21 Bulletin on ECA Training Programmes – half-yearly (1975-1976);

11.262.22 Information on Training Facilities (1975-1976);

11.262.23 Monographs on specific areas of training facilities (1975-1976) (Priority B).

(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.262.26 Regional seminars for training administrators and fellowship officers (1976).

Related programmes:

Close collaboration with African and non-African aid-giving Governments and organizations and with African educational and training institutions, including the Association of African Universities. Also with UNITAR, other United Nations agencies and interested bilateral agencies and all ECA Divisions.

MAN-MONTHS REQUIREMENTS : 1975 AND 1976

TABLE PCU 1-74

EDUCATION AND TRAINING

<table>
<thead>
<tr>
<th>Code</th>
<th>Title of Project</th>
<th>1975 Man-months required</th>
<th>1976 Man-months required</th>
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<td></td>
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<td>P  C  RA  XB(P)  GS</td>
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<td>11.261</td>
<td>Training for development</td>
<td>39  -  6  24  21  54  6  12  42  21</td>
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<tr>
<td>11.262</td>
<td>Fellowship programme and training facilities in Africa</td>
<td>21  -  6  6  48  30  -  -  12  48</td>
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<td>Total</td>
<td>60  -  12  30  69  84  6  12  54  69</td>
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</tr>
</tbody>
</table>
11.290  HUMAN SETTLEMENTS

C.  DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

11.291  Policies and programmes for housing, building, physical planning and urban development

Origin:  Commission resolutions 53(IV), 157(VIII) and 209(IX).

Project aim:  To promote the creation and strengthening of suitable physical planning machinery; encourage a greater co-ordination of the functions of organs already established for physical planning and urban development; and organize programmes for personnel to man institutions responsible for physical planning and urban development.

Priority A

Work content:

11.291.01  (a) Assistance to countries and territories (1975-1976):

   (i) Promotion of training facilities for physical planning personnel through field projects, seminars or handbooks (1975);

   (ii) Establishment of administrative and executive physical planning units and their effective co-ordination with the integration into other agencies responsible for social and economic planning (1975);

   (iii) Formulation and implementation of national housing policies and programmes (1975).

(b) Studies:

11.291.03  Preparation of guidelines in urban land use policies and control measures (1975);

11.291.06  Preparation of codes of practice for housing, building and physical planning (1975);

9.291.04  Study on the approaches, techniques and methods used for promoting orderly expansion of cities and the prevention of slums and squatter settlements (1976);

9.291.05  Preparation of a manual for housing administrators at Ministry and executing agency level (1976);

11.291.20  
(c) Collection and dissemination of information:


11.291.26  
(d) Conferences, meetings, seminars and expert working groups (1975-1976).

Training workshop for physical planning personnel (1975);

Training courses in housing administration at Ministry and executing agency level (1975-1976);

11.291.29  

Related programmes:

Close collaboration with UN-Habitat, United Nations Centre for Housing, Building and Planning will be continued. Also the ECA/FAO Joint Agriculture Division, Human Resources Development Division, Statistics Division and ECA/WHO Liaison Office would collaborate, the first with regard to 11.291.01 (a) above, and the second with regard to the provision of rural sanitary facilities.

11.292  
Improving housing finance mechanisms and increasing inflow of capital to housing.

Origin:

Commission resolutions 53(IV), 157(VIII) and 209(IX).

Project aim:

To promote the development of a sound financial basis for housing and associated infrastructural development and to promote the establishment of the appropriate financial institutions based on local conditions and needs.

Priority A

Work content:

11.292.01  
(a) Assistance to countries and territories (1975-1976):

(i) Formulation and implementation of policies (1975-1976).

(ii) Strengthening of existing financial institutions; developing housing credit facilities through savings and loan associations; establishing housing or mortgage banks for co-ordinating the use of and channelling funds into housing and urban development (1975).
(b) Studies:

9.292.03 Studies on rent policies and rent structure for housing and infrastructurally equipped plots and lands (1976);

9.292.04 The United Nations Foundation for Financing Habitat and Settlements - evaluation of projects (1976);

(c) Collection and dissemination of information:


(d) Conferences, meetings, seminars and expert working groups (1975-1976);

11.292.26 Training workshop on improvements in housing finance mechanisms and promotion of training courses for personnel.

Related programmes:

Close collaboration with United Nations Centre for Housing, Building and Planning to improve mechanisms for housing finance. Consultations have been under way with IBRD and ADB on methods by which they would collaborate. Close collaboration will also be maintained with TMD in the resolving of problems arising from national investment policies and importation and marketing of building materials.

11.293 Promoting the efficient utilization of resources for housing and urban development

Origin: Commission resolutions 53(IV), 157(VIII) and 209(IX).

Project aim: To promote housing development by providing field assistance to Governments in setting up low-cost housing estates using site and service schemes, co-operative and aided self-help methods.

Priority A

Work content:

11.293.01 (a) Assistance to countries and territories (1975-1976):

(i) Establishment of co-operative housing projects with special emphasis on site and service schemes (1975);

(ii) Improvement of rural and peri-urban dwellings and house designs (1975);

(iii) Setting up units in the appropriate ministries to organize a system for evaluating construction costs on a continuous basis through classification, standardization and modular co-ordination (1975);
(iv) Standard designs for low-cost housing and community facilities (1975).

(b) Studies:

11.293.02 Evaluation of pilot projects in co-operative and aided self-help housing (1975-1976);

11.293.03 The phasing of investments in infrastructure in relation to investment in housing (1975);

11.293.04 Rehabilitation of sub-standard housing areas (1975);

11.293.05 Study on the effect of pollution on living conditions in African cities and preventive measures (1975).

(c) Collection and dissemination of information:


(d) Conferences, meetings, seminars and expert working groups (1975-1976);

11.293.27 Training courses in the application of new national codes for building and land development (1976).

Related programmes:

Close collaboration will be maintained with United Nations Centre for Housing, Building and Planning and with IBRD on development of site and service schemes, ILO in co-operatives, and WHO in environmental sanitation.

11.294 Building research and standardization

Origin: Commission resolution 53(IV), 157(VIII) and 209(IX).

Project aim: To co-ordinate and rationalize building research activities in the region.

Priority A

Work content:

11.294.01 (a) Assistance to countries and territories (1975-1976):

(i) Encouraging collaboration in research programmes, exchange of information on results and application between existing research institutions and newly established subregional building centres specializing in reduction of costs (1975);

(b) Studies:

11.294.02 Review of performance and capacity of the construction industry in Africa (1975-1976);


Related programmes:

Co-operation will be continued with the United Nations Environment Programme and the United Nations Centre for Housing, Building and Planning on a joint action programme to co-ordinate research and to make a further approach on the problem on low-cost housing at the community level. This co-operation will be with existing research organizations in member States and with bilateral institutions.

**MAN-MONTHS REQUIREMENTS: 1975 AND 1976**

**TABLE PCU 1-74**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title of Project</th>
<th>1975 Man-months required</th>
<th>1976 Man-months required</th>
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<td></td>
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<td>P</td>
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<tr>
<td>11.291</td>
<td>Policies and programmes for housing, building, physical planning and urban development</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>11.292</td>
<td>Improving housing finance mechanisms and increasing inflow of capital to housing</td>
<td>10</td>
<td>2</td>
</tr>
<tr>
<td>11.293</td>
<td>Promoting the efficient utilisation of resources for housing and urban development</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>11.294</td>
<td>Building research and standardization</td>
<td>6</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td>36</td>
<td>12</td>
</tr>
</tbody>
</table>
INDUSTRIAL DEVELOPMENT

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

11.331 Industrial plans and policies

Origin:


Project aim:

(i) To facilitate the discussion of current trends and requirements by the biennial Conferences of African Ministers of Industry on the basis of an annual review and appraisal of industrial performance and structures;

(ii) To promote the exchange of information among member States and to make available information on industrialization in Africa to other international and regional organizations.

Priority A

Work content:

11.331.01 (a) Assistance to countries and territories (1975-1976):

(i) In the assessment of the potential for industrialization and formulation of concrete proposals for industrial programmes and projects;

(ii) In undertaking periodical appraisals of specific constraints on industrialization and recommending suitable remedial measures as required;

(iii) Advisory missions on review and appraisal at the country level;

(iv) Identification and promotion of industrial development programmes in the least developed and land-locked countries in Africa.

(b) Studies:

9.332.02 Policies and programmes for the redeployment and location of export industries in Africa (1976);

9.332.03 Establishment of an African Mineral Development Council and the formulation of a plan of action for promoting progressively higher degree of domestic industrial processing of African mineral resources (1976);

(c) Collection and dissemination of information:

11.331.20 Publications: country fact sheets and summaries of industrial plans and analytical abstracts of successful experiences in the formulation and implementation of specific industrialization policies (1975-1976).

(d) Conferences, meetings, seminars and expert working groups (1975-1976).


9.332.27 Follow-up Committee on Industrialization (1975-1976);

9.332.28 Multilateral consultations on multinational industries (1976).

Priority "F" Projects:

11.331.28 Meetings of ad hoc working parties for decisions on the implementation mechanisms and policies of identified multinational industries (1975).

Related programmes:

UNIDO, UNDP, FAO, ILO, UNACAST and ECA Divisions.

11.332 Industrial project development

Origin:

General Assembly resolution 2626 (XXV); Commission resolution 218 (X);

Project aim:

To ensure a constant supply of viable projects and to promote actions aimed at sectoral programming of industrial projects.

Priority A

Work content:

11.332.01 (a) Assistance to countries and territories (1975-1976):

(i) In identifying, evaluating and selecting specific industrial projects;

(ii) On receipt of requests from Governments ECA, in consultation with UNIDO, will mobilize the necessary resources to assist in the calculation of industrial production costs; price and quality control of industrial machinery and equipment imported by African countries; choice of production techniques and procedures; project implementation including the preparation and analysis of time profiles; and, in the development and strengthening of machinery and procedures for project studies.
(b) Studies:

11.332.02 Identification and evaluation of selected national and multinational projects based on industrial branch surveys and market research studies: forest-based industries, agro-industries, fertilizers, engineering industries, petro-chemicals and basic metal industries (1975-1976);

11.332.03 Updating surveys of selected industrial branches at regional and multinational levels (1975);

11.332.05 Plan of action for the development of the pharmaceuticals industry in Africa in co-operation with WHO and UNIDO (1975);

11.332.06 Study of market trends for selected industrial products in selected countries (1975) - food and beverages, forest and chemical industries;

9.333.03 Industrial project studies for the least developed and land-locked countries in Africa (1976);

9.333.04 Survey of domestic capacity for the provision of industrial consulting services (1976);

(c) Collection and dissemination of information:

11.332.20 Project profiles (1975);

11.332.21 Project registries (1975-1976);

9.333.21 Guidelines on forecasting techniques (1976);

(d) Conferences, meetings, seminars and expert working groups (1975-1976):

9.333.26 Regional meeting to review policies, programmes and manpower requirements for the development of the forest-based industries (1976);

9.333.29 Expert meeting on the practice and difficulties encountered in conducting pre-investment studies in African countries and effect of these on the flow of bankable project (1976).

Related programmes:

UNIDO, UNDP, FAO, WHO and ECA Divisions.
11.333  Industrial investment promotion services

Origin:
General Assembly resolution 2626(XXV); Commission resolution 218(X). Specific authority; Declaration on Industrialisation in Africa : Principles and Guidelines for Co-operation and Development adopted by the Second Conference of African Ministers of Industry in December 1973.

Project aim:
(i) To promote investment of capital, domestic and foreign, in national and multinational ventures likely to contribute to economic growth and structural change within the Africa: region;

(ii) To promote investment in industrial ventures which facilitate the transfer of technology and the expansion of intra-regional trade.

Priority A

Work content:
11.333.01 Assistance to countries and territories (1975-1976):

(i) To promote the development of effective systems of industrial information services at the national and multinational levels;

(ii) In establishing contacts with potential investors for the development of specific industrial projects;

(iii) In assisting African sponsors of specific industrial projects in negotiations relating to joint venture agreements.

(b) Studies:

11.333.02 Preparation of case studies and documentation as a basis for conducting training courses in industrial information and investment promotion (1975);

9.334.02 Country files on investment policies and investment opportunities (1976);

9.334.03 Survey of the roles of the public and private sectors in African industrialization (1976);

(c) Collection and dissemination of information:

11.333.20 ECA Directory of Investment Promotion Contacts (1975);


(d) Conferences, meetings, seminars and expert working groups (1975-1976);

11.333.27 Meeting of representatives of member States and foreign investors to discuss investment codes with particular references to ownership and management, taxation, repatriation of dividends and capital, royalty arrangements, etc. (1975).

Priority A

9.334.26 Consultation meeting for the establishment of a regional centre for investment promotion and the transfer of technology (1976).

Priority B

11.333.28 Meeting for the promotion of specific industrial projects as required (1975-1976).

Related programmes:

UNIDO, FAO, ADB, various technical assistance agencies, and ECA Divisions.

11.334 Development of rural and small-scale industries

Origin:


Project aim:

To foster the development of rural and small-scale industries as a means of stimulating employment in non-agricultural activities and to assist in the development of African entrepreneurship.

Priority A

Work content:

11.334.01 (a) Assistance to countries and territories (1975-1976):

(i) In elaborating and formulating strategies and policies for the development of rural and small-scale industries;
(ii) In identifying constraints impeding the entry of Africans into industrial activities and formulating recommendations for effectively tackling the problem;

(iii) In studying the problems involved in the development of handicraft production and in improving, in co-operation with ILO, the production and marketing of handicrafts

(iv) Promotion of exhibitions and fairs on small-scale industry machinery and equipment.

(b) Studies:

11.334.05 Study of subcontracting as a means of developing small-scale enterprises in Africa (1975);

9.335.02 Country files on policies, programmes, institutions and training facilities for rural and small-scale industries development (1976);

9.335.03 Identification of small-scale, labour-intensive investment opportunities (1975);

(c) Collection and dissemination of information:


(d) Conferences, meetings, seminars and expert working groups (1975-1976):


Related programmes:

UNIDO, FAO, ILO and ECA Divisions.

11.335 Industrial training and technology

Origin:


Project aim:

Training and development of research, technology and manpower for industrialization.
Priority A

Work content:

11.335.01  (a)  Assistance to countries and territories (1975-1976):

In organizing training courses and programmes for workers, entrepreneurs and industrial extension personnel in the techniques and application of appropriate technology in selected industrial sectors.

(b)  Studies:

11.335.02  Training manuals in selected industrial sectors and specific industrial services (1975);

9.336.02  Preparation of analytical summaries of successful experiences of training programmes, projects and methods in selected industrial sectors and specific industrial topics (1976);

(c)  Collection and dissemination of information:

9.336.20  Newsletter on Industrial Technology (1976);

9.336.22  Compendium of African experiences, in licences, patent laws and other mechanisms used for the transfer of technology (1976);

(d)  Conferences, meetings, seminars and expert working groups (1975-1976):

11.335.26  Regional courses on management consultancy in industrial development (1975);

11.335.27  Training courses designed to improve the competence of officials in charge of the preparation and selection of investment projects (1975);

11.335.28  Training courses for industrial extension workers in small-scale industry (1975);

11.335.29  Training courses on investment analysis and investment promotion methods (1975);

9.336.26  Expert group meeting on the transfer of industrial technology (1976);

Priority B

11.335.30  Training courses for extension workers, trainers in appropriate technology and in the planning and organization of industries organized in co-operation with UNIDO, ILO, FAO, IDEP and other interested organizations (1975);
Training workshops to be organized in co-operation with UNIDO, FAO and bilateral and multilateral agencies in project analysis, investment promotion techniques, industrial management consultancy, choice of techniques, industrial branches (agro-industries), review and appraisal, and integration industries (1976).

Related programmes:
UNIDO, ILO, ADB, IDEP and ECA.

**MAN-MONTHS REQUIREMENTS, 1975 AND 1976**

<table>
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<th>Code</th>
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<td>Industrial plans and policies</td>
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<td>Industrial project development</td>
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<td>Industrial investment promotion services</td>
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<td>11.334</td>
<td>Development of rural and small-scale industries</td>
<td>29</td>
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<td>11.335</td>
<td>Industrial training and technology</td>
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<td>Programme Management</td>
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</table>
11.341 Improvement and expansion of Africa's trade

Origin:
General Assembly resolutions 3201(S-VI) and 3202(S-VI); ECOSOC resolutions 1352(XIV), 1896(LVII) and 1911(LVII); UNCTAD resolutions A.II.1, A.II.7, A.VI.6, 15(II), 16(II), 39(III), 48(III), 53(III), 73(III) and 82(III); Trade and Development Board resolutions 73(X), 95(XII) and 124(XIV); ECA resolutions 199(IX), 218(X), 222(X), 244(XI), 256(XII), 260(XII) and 263(XII). Action programme adopted by the African Ministerial Meeting Preparatory to UNCTAD III, African Declaration on Co-operation, Development and Economic Independence.

Project aim:
Identify common problems in intra-African and external trade; assist and advise member States in the formulation and implementation of appropriate policies and programmes for the improvement of their external trade; provide member States with assistance in the formulation and implementation of policies relating to international commodity trade.

Priority A

Work content:

11.341.01 Assistance to countries and territories (1975-1976):

(a) Advisory services at the request of Governments in evaluation of trade performance and identification of trade problems;

(b) Advise on, and assistance in, training activities in foreign trade;

(c) Undertake missions at the request of Governments, to assist in the formulation and implementation of appropriate policies for the development and expansion of external trade in general, and commodity trade in particular;

(d) Assist African countries in harmonizing their positions with regard to international trade and development issues.

(b) Studies:

11.341.02 To study ways and means of introducing structural changes in the domestic, interregional and external trade of African countries with a view to trade expansion with other developing countries and with the centrally planned economies so as to enhance their contribution to economic development (1975);
11.343.02 Undertake studies on selected commodities as a basis for international commodity negotiations and consultations among African producing countries as well as between African and other producing countries (1975);

11.343.03 Study possibilities and procedures for reaching agreements between African producers and consumers of certain processed and primary commodities, especially foodstuffs (1975);

9.341.02 Problems and policies of Africa's foreign trade, in particular, its impact on the growth of African countries (1976);

9.341.04 Protection policies facing African exports in developed countries (1976);

9.341.05 Problems of selected specific commodities, formulation of remedial measures:
   - pricing policy (1976) including, among others, a study on the price structure of commodities imported by African countries;
   - synthetics and substitutes (1976);
   - Marketing and distribution structures and practices, including among others those of trans-national corporations and enterprises (1976);
   - International commodity agreements (1976);
   - Producers' associations (1976).

9.341.07 The multilateral trade negotiations (1975-1976);
9.341.08 Access to and cost of transfer of technology (1976) — in close collaboration with project 9.336.22;

(c) Collection and dissemination of information:
11.341.20 Foreign Trade Newsletter (1975);
9.341.20 Publication of articles on specific trade issues in the Economic Bulletin for Africa (see 9.242.20), the African Trader (see 9.342.22) and other appropriate publications.

(d) Conferences, meetings, seminars and expert working groups (1975-1976):
11.341.26 Annual ECA regional courses on commercial policy and trade promotion (1975-1976);
9.341.26 Commodity groups (1976);
9.341.27 Two seminars on multinational trade negotiations (1976);
9.341.30 National training courses on commercial policy and trade promotion (1976).

Related programmes:

Collaboration with OAU, UNCTAD, GATT, UNIDO, FAO, ITC, AACB and Association of African Trade Promotion Organizations, intergovernmental groupings and ECA Divisions.

11.342 Development and expansion of intra-African trade

Origin:

General Assembly resolutions 3201(S-VI) and 3202(S-VI), ECOSOC resolutions 1358(XLV), 1362(XLV), 1896(LVII); UNCTAD resolutions A.II.5; 1(II), 11(II), 23(II), 48(III) and 75(III), Trade and Development Board resolutions 59(IX), 69(X), 72(X) and 109(XX); ECA resolutions 66(V), 100(VI), 176(VIII), 199(IX), 218(X), 222(X) and 244(XI), 256(XII), 260(XII), 262(XII) and 263(XII); resolution D of the 6th Conference of Heads of State and Government of the East and Central African States; Action programme adopted by the African Ministerial Meeting preparatory to UNCTAD III, the African Declaration on Co-operation, Development and Independence.

Project aim:

To assist African countries in the implementation of an integrated programme in the fields of trade promotion and trade policy for the development and expansion of intra-African trade.

Priority A

Work content:

11.342.01 (a) Assistance to countries and territories (1975-1976):

Advisory services at the request of Governments, on trade promotion policies; identification of barriers and obstacles to intra-African trade; export promotion programmes; marketing research and identification of products for intra-African trade; the establishment of export credit guarantee and export credit insurance schemes; the introduction of simplified and co-ordinated trade documentation and information; the organization of trade fairs and exhibitions; trade missions and trade agreements.

(b) Studies:

11.342.02 Consider practical ways and means of expanding intra-African trade, both on a subregional and inter-regional basis with due regard to the equitable distribution of benefits (1975);

11.342.03 Problems of transit trade, with special reference to landlocked countries (1975-1976);

11.342.04 To study clandestine trade in African countries (1975);
11.344.02 The development of an effective system of market research and product identification for intra-African trade (1975-1976);

11.344.03 Analysis of existing African trade legislation, rules, regulations and practices, including tariff and non-tariff barriers (1975-1976);

11.344.04 Existing and potential products for trade between African countries (1975-1976);

9.342.02 Review of the existing situation concerning intra-African trade on bilateral basis and within the framework of multilateral groupings (1976);

9.342.05 Trade facilitation, standardization of trade procedures and documentation including measures to remedy problems (1976);

9.342.08 Procedures, techniques and modalities for multilateral trade negotiations among African countries (1976);

9.342.09 Possibilities and procedures for reaching agreements between African procedures and consumers of certain processed and primary commodities, especially foodstuffs (1976);

(c) Collection and dissemination of information:

11.344.20 The Bulletin of the ECA Africa Trade Centre (1975-1976);

11.344.21 "The African Trader" - a quarterly publication on issues specifically related to the promotion of intra-African trade (1975-1976);

9.342.20 Development of country cards and files on trade information, including measures to establish trade information centres (1976);

(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.344.26 Annual ECA/ITC training course in international marketing for business and trade promotion executives (1975-1976);

11.344.27 Local training course for business executives for intra-African trade techniques, marketing and export promotion (1975-1976);

11.344.28 In-service training of trade promotion officers attached to the Africa Trade Centre, offering appropriate training programmes in trade promotion, marketing; export promotion and documentation (1975-1976);
Trade symposium on intra-African trade and the organization of trade promotion machinery (1975);
Working parties of experts representing sellers and buyers to draw up General Conditions of Sale on the basis of the results of the Conference of Sellers and Buyers in Africa (1975);
All-Africa symposium on intra-African trade for senior trade executives from Governments and private enterprises, in conjunction with the OAU Second All-Africa Trade Fair (1976);
Symposia (two) on intra-African marketing (1976);
Training course in the techniques and modalities of bilateral, regional and subregional trade negotiations among African countries (1976);

Related Programmes:
Collaboration with OAU, ADB, UNCTAD, ITC, UNIDO, AACB, Association of African Trade Promotion Organizations and ECA Divisions.

Establishment of common trade institutions

Origin:
General Assembly resolutions 3201 (S-VI) and 3202 (S-VI), ECOSOC resolution 191 (LVII), UNCTAD resolution 48 (III);
ECA resolutions 218 (X), 222 (X), 244 (XI), 256 (XII), 260 (XII), 262 (XII) and 263 (XII); Action programme adopted by the African Ministerial Meeting Preparatory to UNCTAD III African Declaration on Co-operation, Development and Economic Independence.

Project aim:
To assist African member States of ECA to establish appropriate institutions for the development and expansion of intra-African and external trade and the harmonization of African positions in international forums such as the UNCTAD, GATT and EEC negotiations.

Priority A

Work content:
(a) Assistance to countries and territories (1975-1976):
Advisory services to ECA member States on the development of African trade institutions.

(b) Studies:
Studies designed to assist member States in their discussions on trade and development issues (1975).
(c) Conferences, meetings, seminars and expert working groups (1975-1976);

9.343.26 ECA/OAU Joint meeting on trade and development (1975-1976);

9.343.27 African group meetings held in conjunction with the Trade and Development Board of UNCTAD, multilateral trade negotiations within GATT and the Africa-EEC co-operation agreement (1975-1976);

9.343.28 African ministerial meetings preparatory to meetings of the "Group of 77" of UNCTAD (1975-1976);


Related programmes:
Collaboration with OAU, UNCTAD, African Development Bank and ECA Divisions.

**MAN-MONTHS REQUIREMENTS : 1975 AND 1976**

**TABLE PCU 1-74**

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<thead>
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</table>
LABOUR, MANAGEMENT AND EMPLOYMENT

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

11.441 Techniques of manpower planning and manpower development and utilization

Origin:
Commission resolutions 110(VII), 125(VII), 129(VII), 173(VIII) and 195(IX); and African Declaration on Co-operation, Development and Economic Independence of May 1973 relating to Human Resources.

Project aim:
To assist member States in developing national administrative and institutional capability for human resources planning, including the formulation and implementation of appropriate policies and strategies for human resources utilization; to this end organize national and multinational programmes for training Africans in the techniques and approaches of integrated human resources planning, including the manpower, employment and education aspects of population planning. To assist in promoting the development of adequate resources of indigenous managerial personnel through programmes in higher management education and training in African institutions.

Priority A

Work content:

11.441.01 (a) Assistance to countries and territories (1975-1976):

In manpower and employment planning; formulation of manpower policies and programmes and the development of appropriate institutional and administrative machinery for action; in promoting subregional or national programmes of advanced management education, training and research and related sub-professional training; in co-operation with other organizations to promote the development of an intra-african technical assistance programme for the employment and exchange of African specialist manpower; in participating in the Jobs and Skills Programme for Africa; in promoting co-operation among African professional, labour and management associations.

(b) Studies:

11.441.02 Analysis and projections of manpower requirements in specific economic sectors and for multinational development projects (1975-1976);

11.441.04 Evaluation studies of training programmes and policies for the development of African managerial and entrepreneurial capability (1975-1976);
Study of high level manpower deployment and utilization in Africa with case studies (1975);

Study of labour migration as a factor in employment growth within the context of Africa's economic groupings and integration (1976);

Comparative study of bilateral and multilateral conventions and agreements on extra-territorial labour migration and their relevance to African situation (1976);

Study of the effectiveness of policy and practical measures for mitigating the African "brain drain" (1976);

Collection and dissemination of information:

Training materials (1975-1976);

Directory of African Specialists and Consulting Organizations (1975-1976);

Conferences, meetings, seminars and expert working groups (1975-1976);

National training courses in manpower and employment planning (1975-1976);

Regional seminar on the techniques of rural manpower planning (1976);

ECA/ILO training workshops for management educators and trainers (1975-1976);

ECA/ILO training workshops for management case-study writers (1975-1976);

Regional workshops on productivity development in specific sectors of economic activities (1976);

Regional training workshops on integrated human resources planning (English-speaking) (1976).

Related programmes:

Close collaboration with the ILO, UNESCO, FAO, WHO, UNIDO, UNICEF, CAFFRAD, IDEP and other organizations concerned with programmes of human resources utilization. Within the framework of ECA work programme effective collaboration with the ILO in particular will be pursued to evolve and develop an ECA/ILO joint work programme and projects for concerted action in the areas of manpower/employment planning and management development. Collaboration will also be maintained with the Population Programme Centre, Social Development Section and other units of ECA secretariat to co-ordinate action with regard to sectoral manpower analysis and evaluation of requirements.
### MAN-MONTHS REQUIREMENTS: 1975 AND 1976

**TABLE FCU 1-74**

<table>
<thead>
<tr>
<th>Code</th>
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<td>11.441</td>
<td>Manpower and employment planning and management development</td>
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11.460  NATURAL RESOURCES

C.  DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

11.460.01  Natural resources inventory, planning and management

Origin:
General Assembly resolution 2386(XXIII); ECOSOC resolutions 1426(XLVI), 1427(XLVI) and 1033(XXXVII); Commission terms of reference, resolutions 34(III), 143(VII) and 164(VIII).

Project aim:
To produce natural resources inventories; train high-level manpower for natural resources surveys, and encourage intensive and extensive research in natural resources, their planning and management.

Priority A

Work content:

11.460.011  (a) Assistance to countries and territories (1975-1976):

(i) Assistance to Governments in evolving methods and procedures for collecting and organizing data on African natural resources;

(ii) Making more readily accessible to Governments in the region, knowledge of modern and efficient techniques of survey, evaluation, exploitation and management of natural resources;

(iii) Establishing natural resources research institutes in Africa (in implementation of the Lagos Plan for scientific research and training in Africa);

(iv) Establishing an institute for natural resources management (1974) to provide training for high-level manpower in the conduct of natural resources surveys, planning and management.

(d) Conferences, meetings, seminars and expert working groups (1975-1976):


Related programmes:
MINEAL RESOURCES

DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

C.

Promotion of exploration, exploitation and utilization of mineral deposits in Africa

Origin:

General Assembly resolutions 1425(XIV) and 2386(XXIII); ECOSOC resolutions 886(XXIV); 1318(XLV) and 427(XLVI); Commission terms of reference; Commission resolutions 164(VIII) and 205(IX).

Project aim:

To promote exploration, development and utilization of minerals in Africa.

Priority A

Work content:

11.461.011 (a) Assistance to countries and territories (1975-1976):

(i) To assist member States in formulating and implementing national mineral development policies;

(ii) To provide advisory services to African Governments on request, on the economic aspects of mineral exploration and exploitation;

(iii) To promote the establishment of multinational mineral resources development centres;

(iv) To assist Governments in strengthening high-level educational institutions to serve multinational needs in mineral resources development;

(v) To assist member States in undertaking an inventory of their mineral resources.

(b) Studies:

9.463.02 Study of the existing institutions dealing with the mineral resources development in African countries and the further demands to strengthen their efficiency (1976);

(a) Conferences, meetings, seminars, training courses and expert working groups (1975-1976);

11.461.016 Conference on Development and Utilization of Mineral Resources in Africa (1976);

11.461.017 Study tours and seminar for African geologists and mining engineers.

Related programmes:

Close collaboration with OAU, UNESCO, United Nations Centre for Natural Resources, Energy and Transport, ESCAP, ECWA and ECLA.
11.461.02 Raw material for selected mineral industries in Africa

Origin:
Commission terms of reference, report of the ninth session.

Project aim:
To promote exploration for, development of, and trade in raw materials for selected mineral industries.

Priority A

Work content:
(b) Studies:

11.461.022 Studies of raw materials for the fertilizer industry, covering exploration, development and production (1975-1976);

11.461.023 Studies on raw materials for the metallic industries covering exploration, development and production: iron ore and bauxites, copper, lead, zinc, tin (1975-1976).

Related programmes:
United Nations Headquarters, UNCTAD, IAEA, ECE, ESCAP, FAO, ECA Trade, Fiscal and Monetary Affairs Division, Industry and Housing Division.

11.462 WATER RESOURCES

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

11.462.01 Planning and development of national water resources

Origin:
General Assembly resolutions 1401(XIV) and 2386(XXIII); Commission terms of reference, report of Working Group of Water Resources Planning (1970).

Project aim:
To advance the collection of water resources data, including the planning and establishment of networks for the collection of hydrometeorological data, their interpretation and rational use for integrated development. Prepare and publish technical documents for use by the country engineers concerning water resources planning and development, water codes and administration.
Priority A

Work content:

11.462.011  (a) Assistance to countries and territories (1975-1976):

   (i) Planning and implementation of hydrometeorological networks;

   (ii) Providing advisory services in respect of the planning of the development of national water resources;

   (iii) Conducting water resources surveys for future development;

   (iv) Participation in development and implementation of UNDP projects.

(b) Studies:

11.462.012  Preparing subregional master plans for the development of hydrometeorological networks in Africa (1975-1976);

9.466.03  Studies of groundwater resources in arid zones and preparing of hydrogeological maps (1976).

(c) Collection and dissemination of information:


(d) Conferences, meetings, seminars and expert working groups (1975-1976);


Related programmes:


B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

11.462.02  Manpower training and research in the field of water development

Origin:

Commission terms of reference, work programme established by the Commission at its ninth session.

Project Aim:

Manpower development for research, surveys, planning and development of water resources.
Priority A

Work content:

11.462.021 (a) Assistance to countries and territories (1975-1976):

Establishment of multinational water resources development institute in West African subregion for research, planning and training purposes.

(b) Studies:

11.462.022 Updating the survey of manpower, education, training and research facilities for water resources development in West Africa (1975-1976).

(d) Conferences, meetings, seminars and expert working groups (1975-1976);

9.467.26 Meeting of West African countries on the establishment of a Water Resources Development Institute (1976);

Related programmes:

Close collaboration with UNESCO, WMO, WHO, and ECA Human Resources Development Division.

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

11.462.03 Development of international water resources

Origin:

Commission terms of reference, report of the working group on water resources planning (1970);

Project aim:

Promotion of co-ordinated national water resources development plans, and the integrated development of international river basins by the application of comprehensive water resources development techniques.

Priority A

Work content:

11.462.031 (a) Assistance to countries and territories (1975-1976):

(i) Investigation and development of international rivers in the ECA Region;

(ii) Assisting Governments in securing bilateral and multilateral resources to finance studies and surveys of international rivers;
(iii) Promotion of international co-operation for the development of Lake Tanganyika basin.

(b) Studies:

11.462.032 Detailed studies of the development potential of selected international rivers in the region with a view to proposing measures for stimulating multinational co-operation (1975-1976).

(d) Conferences, meetings, seminars and expert working groups (1975-1976)

11.462.036 Meetings of inter-State technical committee on the development of Lake Tanganyika basin and, participate in meetings of international river Commissions like Chad, Niger, Senegal (1975-1976).

Related programmes:


11.463 ENERGY

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

11.463.01 Planning and optimum development of natural energy resources in Africa

Origin:

General Assembly resolutions 1401(XIV), 1425(XIV), and 2173(XXI); ECOSOC resolutions 876(XXXIII), 877(XXXIII), 865(XXXIV), 1083(6D)(XXXVII), 1111(XL), 1131(XL), 1127(XLI), 1218(XLII), 1316(XLIV), 1318(XLIV), 1426(XLVI) and 1427(XLV); Commission resolutions 13(II), 18(II), 33(III), 34(III), 43(IV), 225(X) and 164(VIII); Report of the African Electric Power Meeting (1963); Resolution B.IV of the Sixth Summit Conference of East and Central African States. Report of Regional Conference on Petroleum Industry and Manpower Requirements in this Field of Hydrocarbons (Tripoli - 1974); Resolutions 256(XII) and 265(XII).

Project aim:

To encourage the exploration and the systematic planning and optimum development of the different energy resources in Africa, and to promote multinational co-operation in their exploitation and use.
Priority A

Work content:

11.463.011 (a) Assistance to countries and territories (1975-1976):

(i) Devising measures for promoting the development of electrical energy in Africa;

(ii) Compiling an exhaustive inventory of energy resources, training facilities and needs, with a view to encouraging the establishment of standing committees for energy in all the economic subregions to be responsible for making recommendations regarding the formulation and co-ordination of policies and the possibilities of intensifying the development of favourable resources;

(iii) Establishment of an African Documentation Centre for collection, analysis and dissemination of up-to-date information on all aspects of energy exploration, mining or production, processing, transport, utilization, including environmental factors associated with each, and trade.

(b) Studies:

11.463.012 Studying problems involved in: development and exploitation of energy resources; the organization of energy industries and enterprises and; studying the problems involved in the organization and development of energy resources and devising programmes of action for multinational inter-governmental groupings (1975-1976);

9.470.03 Study of factors and issues bearing on the establishment of an African Petroleum Organization - in order to provide the necessary information to enable member States to decide on the establishment of such an organization (1976).

Priority B

11.463.013 Studying methods of improving the organizational and operational aspects of electrical energy development (1975-1976);

11.463.014 Forecasting demand for electric power in industry, agriculture and other sectors, in rural and urban centres (1975-1976);

11.463.015 Comparative studies of electricity, production costs and scales tariffs (1975-1976);

(d) Conferences, meetings, seminars and expert working groups (1975-1976):


Related programmes:
Close collaboration with OAU, UNESCO, WHO, UNIDO, UNDP, ADB, Centre for Natural Resources, Energy and Transport and other organizations concerned with this field.

11.463.02 Development of electrical energy

Origin:

Project aim:
To promote co-ordination and rationalization of electrical energy development.

Priority B

Work content:

11.463.021 (a) Assistance to countries and territories (1975-1976):

(i) Study on interconnections of electricity systems among neighbouring African countries;

(ii) Survey of the possibilities for the manufacture, on a multinational basis of electrical equipment suitable to the needs of the African countries (including systematic consultation with equipment designers).

Related programmes:

11.463.03 Rural electrification and development of energy equipment for rural use

Origin:

Project aim:
To promote small-scale production and distribution of electrical energy for rural development.
Priority B

Work content:

11.463.031  (a) Assistance to countries and territories (1975-1976):
   (i) Determining the technical, social, economic and other factors affecting the development of electrical power and use in rural areas;
   (ii) Advisory services on measures for removing obstacles to the expansion of the production and use of electricity in rural areas.

(b) Studies:

Related programmes:
UN Headquarters, ECE, IBRD, ADB.

11.463.04  Development of non-conventional sources of energy

Origin:
General Assembly resolutions 2056(XX), 2309(XXII), 2406(XXIII) and 2575(XXIV); ECOSOC resolutions 779(XXII), 885(XXIV), 986(XXXVI), 1033(XXXVII) and B, 1205(XLII); Commission reports on first, second, third and sixth sessions; Commission resolutions 33(III), 113(VI) and 196(LXI); report of the First African Electric Power Meeting; Report of the Regional Conference on Petroleum Industry and Manpower Requirements in the Field of Hydrocarbons (Tripoli, 1974); Resolutions 256(XII) and 265(XII).

Project aim:
To promote the development and extensive use of non-conventional sources of energy, in particular, solar, geothermal and atomic energy.

Priority B

Work content:

11.463.041  (a) Assistance to countries and territories (1975-1976):
   (i) Making recommendations to governments on the expansion of existing solar energy centres, the establishment of a multinational solar energy centre for the Sahelian region and generally on the economic use of solar energy;
   (ii) Reviewing technical and technological developments in the field of atomic energy, and promoting the expansion of prospecting programmes for radioactive substances in appropriate areas;
(iii) Advising governments on the establishment of multinational institutes for the study of the various sources of energy, and formulating plans for the training of specialized personnel;

(iv) Reviewing the development of geothermal energy on a global basis, and assisting governments in the development of this form of energy in appropriate zones of the region.

(d) Conferences, meetings, seminars and expert working groups (1975-1976):

Priority A


Related programmes:

UNDP, IBRD, IAEA, ADB, Centre for Natural Resources, Energy and Transport, and bilateral assistance agencies.

11.464 CARTOGRAPHY

DEVELOPMENT OF ESSENTIAL SERVICES

11.464.01 Development of national cartographic services

Origin:

General Assembly resolution 2386(XXIII); reports of first, second and third United Nations Regional Cartographic Conferences for Africa and Commission resolution 146(VIII).

Project aim:

To assist countries of the region in the development of efficient cartographic services.

Priority A

Work content:

11.464.011 (a) Assistance to countries and territories (1975-1976):

(i) Establishment of subregional centres for training in photogrammetry, photo-interpretation and airborne geophysical surveys;

(ii) Establishment of common centres for specialized services in surveying and mapping.
(b) Studies:


(c) Collection and dissemination of information:


(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.464.016 Meeting on the establishment of an African Association of Cartographers (1975);

11.464.017 Seminar on new techniques in surveying and mapping (1975-1976);


Related programmes:

Close collaboration with United Nations Headquarters, ESCAP, OAU, UNESCO/ITC Training Centre for integrated surveys and IDRC.

11.464.02 Preparation of specialized maps and related activities

Origin:

First, second and third United Nations Regional Cartographic Conferences in Africa.

Project aim:

To plan a co-operative programme and prepare common specifications for topical mapping to meet current and future African development requirements.

Priority A

Work content:

11.464.021 (a) Assistance to countries and territories (1975-1976):

(i) To assist countries, on request, in conducting joint geodetic and related surveys of border areas;

(ii) To prepare, review and revise regional and subregional maps on hydrogeology, minerals, oil and natural gas, and geology;

(iii) To organize map exhibition.
11.464.022 (b) Studies:

Study on status of hydrographic surveying and mapping, with special reference to territorial waters and the continental shelf (1975-1976);

(d) Conferences, meetings, seminars and expert working groups (1975-1976);

11.464.026 Meetings to prepare common specifications on selected special purpose maps (1975-1976).

Related programmes:


11.465 HUMAN ENVIRONMENT

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

11.465.01 Identification of major environmental problems in Africa and research into solutions thereto

Origin:

Addis Ababa Seminar - Recommendation 36; Stockholm Recommendations 104(a), 95(d) and 53.

Project aim:

To promote an awareness of major environmental problems in human settlements; management of natural resources for environmental quality; identification and control of pollutants; educational and informational aspects of the environment; effects of environmental considerations on development.

Priority A

Work content:

11.465.011 (a) Assistance to countries and territories (1975-1976):

(i) To assist and provide advisory services to Governments on the establishment of a National Commission responsible for safeguarding and improving the human environment;

(ii) To assist in monitoring the possible importation of pollutive industries into African countries, and in identifying the major threats to African exports that may arise as a result of environmental concern;
(iii) To advise countries on steps to be taken to improve the rural environment through the provision of adequate water supplies and electricity, the construction of cheap dwellings, the provision of schools and health centres, and the introduction of sound agricultural practices;

(iv) To assist member States in taking steps to co-ordinate their policies and to co-operate in the management of contiguous protected areas and Game Reserves to enable agreement to be reached on such matters as mutual legislation, patrolling systems against poachers, exchange of information, research projects, collaboration on plant and animal control, fishery regulations, etc.

Examples:

1.Moves by Rwanda, Uganda and Zaire to co-ordinate the management of Volcanoes (Rwanda), Rwenzori National Park (Uganda) and Parc Albert (Zaire).

2. National parks in individual countries:

(a) Kalamari Gemsbok Park (Botswana);
(b) Parc national de Faza, du Boubandjiddah de la Pénéué (Cameroon);
(c) Parc national André-Felix et de St. Floris (Central African Republic);
(d) Parc national de Zakouma (Chad);
(e) Réserve de Léfini (Congo);
(f) Parc nationaux du R du Nigéry (Dahomey) et de la Pendjari et de l'Arly (Dahomey/Upper Volta);
(g) Awash Valley (Ethiopia);
(h) Parc national de l'Okanda et du Petit Loango (Gabon);
(i) Kujuni and Mole Game Reserves (Ghana);
(j) Réserve totale de faune de Bouna (Ivory Coast);
(k) Tsavo, Amboseli, Masai Mara, Mt. Kenya, Aberdare, Samburu, Marsabit (Kenya);
(l) Parc national de la Boucle de la Beaulé et Réserve de Pina (Mali);
(m) Yankari Game Reserve (Nigeria);
(n) Parc national du Nickolo-Koba (Senegal);
(o) Dimter National Park (Sudan);
(p) Serengeti, Ngorongoro, Lake Manyara, Ruaha, Selous (Tanzania);
(q) Kidepo, Kaberega Falls, Rwenzori National Park (Uganda);
(r) Albert, Kagera (Zaire/Rwanda);
(s) Luanga Valley (North and South), Kafue (Zambia).

(b) Studies:

11.465.012 To study and prepare periodic reports on the state of, and outlook for the environment in Africa, based on national reports from individual member States (1975-1976);

11.465.013 Study and prepare reports on existing legislation for the improvement and protection of the human environment in African countries (1975-1976);
(c) Collection and dissemination of information:

The secretariat will act as a regional information centre on all aspects of the human environment and will co-ordinate information for Africa on the proposed global environmental assessment programme through the use of the latest means, including Remote Sensing by Satellites.

Related programmes:

In co-operation with all United Nations agencies and voluntary organizations having programmes in the field of the human environment especially United Nations Environment Programme.

MAN-MONTHS REQUIREMENTS, 1975 AND 1976
TABLE PCU 1-74

NATURAL RESOURCES (GENERAL)

<table>
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<tr>
<th>Code</th>
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<td>P  C  RA   XB(P)  GS</td>
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<td>9.461</td>
<td>Natural resources inventory, planning and management</td>
<td>18  3  -   -      24</td>
<td>12  6  -   -      12</td>
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<td></td>
<td>MINERAL RESOURCES</td>
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<tr>
<td>11.461.01</td>
<td>Promotion of exploration, exploitation and utilization of mineral deposits in Africa</td>
<td>22  -   -     20</td>
<td>36  -   -     24</td>
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<tr>
<td>11.461.02</td>
<td>Raw materials for selected mineral industries in Africa</td>
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WATER RESOURCES

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<td>Planning and development of national water resources</td>
<td>11  -   -     29</td>
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<td>Manpower training and research in the field of water development</td>
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<td>Planning and optimum development of natural energy resources in Africa</td>
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9.481.05 Studies of relationship between population trends and economic and social development (1976);

9.481.06 Studies on labour force (1976);

9.481.07 Studies on nomadic population (1976).

(o) Collection and dissemination of information:

11.481.20 Demographic Handbook for Africa (1976);

11.481.21 African Population Studies Series (1975-1976);

11.481.23 African Population Newsletter (1975-1976);


(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.481.27 Conference of African Demographers (biennial) (1976);

11.481.28 Regional United Nations Interagency Co-ordination Meeting on Population (biennial) (1976);

11.481.29 Meeting of non-United Nations organizations interested in population work in Africa (biennial) (1976);

11.481.34 Working group on demographic aspects of manpower and employment (1975-1976);


Related programmes:

Close collaboration with United Nations Headquarters ILO, UNESCO and other relevant United Nations organs will be maintained in the conduct of the above project including the following ECA Divisions: Economic Research and Planning; Statistics and Human Resources Development.

11.482 Relevant aspects of population policies and programmes

Origin:

General Assembly resolution 2211(XXI); ECOSOC resolution 1347(XLV) Commission terms of reference; ninth session of the Commission (report, paras. 517-527); Sixth Conference of African Statisticians (report); Expert Group on Population (report); first session of Conference of African Demographers; Second Session of Conference of African Demographers.
Project aim:

To create increased awareness of the short-term and long-term problems relating to different aspects of population and assist African Governments in resolving their problems through the formulation and implementation of effective population policies and programmes.

Priority A

Work content:

11.482.01 (a) Assistance to countries and territories (1975-1976):

   (i) In formulating, implementing, and evaluating national population policies and programmes and conducting pertinent methodological studies;

   (ii) In designing, executing, and analysing surveys on fertility, infant mortality, and evaluation of population programmes;

   (iii) By participating and assisting in national meetings on population policies and various aspects of population programmes; and in implementing the recommendations of the World Population Plan of Action and evaluating their implementation.

(b) Studies:

11.482.07 The effect of declining fertility on cost of Education Case Study of Selected Countries (1975);

11.482.08 Trends in marriage rates in African countries (1975);

11.482.09 Study of trends in the incidence of illegal abortions in selected countries with and without family planning programmes (1975-1976);

11.482.10 Review of population redistribution programmes in Africa (1975);

11.482.11 Study of the role of private international organizations in the implementation of family planning programmes and their impact in the region;

9.482.02 Study of the administration of family planning programmes in Africa (1976);

9.482.03 Study of fertility differentials among different occupational groups (1976);

9.482.05 Study of the effect of indigenous methods of family planning on fertility in selected countries (1976);
9.482.07 Study of international migration policies and their effects on migrant labour in selected countries (1976);

(d) Conferences, meetings, seminars and expert working groups (1975-1976);

9.482.26 Training course on the techniques of fertility analysis (1976).

Related programmes:

Close collaboration with United Nations Headquarters, and other relevant United Nations organs will be maintained in the conduct of the above project as also with Economic Research and Planning and Human Resources Development Divisions of ECA.

11.483 Regional training and research

Origin:

General Assembly resolution 2211(XXI); Commission terms of reference; ninth session of the Commission (report, E/4651, para. 522); Sixth Conference of African Statisticians (report); Expert Group on Population (report); First session of Conference of African Demographers; Second session of Conference of African Demographers.

Project aim:

To assist African Governments in meeting the need for trained demographic personnel by providing facilities on all aspects of demographic training and research to trainees and research workers.

Priority A

Work content:

11.483.01 (a) Assistance to countries and territories (1975-1976):

(i) Demographic training at national institutions;

(ii) Maintenance of regional demographic training and research institutes at Accra (for English-speaking countries) and Yaounde (for French-speaking countries) and also partly for the Cairo Centre.

(b) Studies:

9.483.02 Study of trends in the training of nationals for population work in Africa (1976);
(d) Conferences, meetings, seminars and expert working groups (1975-1976);

11.483.26 Meeting of Directors of United Nations-sponsored demographic training institutes/centres (biennial from 1972) (1976);

Related programmes:

Close collaboration with United Nations Headquarters and other relevant United Nations organs will be maintained in the conduct of the above project as also with the Statistics and Human Resources Development Divisions of ECA.

**MAIN-MONTHS REQUIREMENTS : 1975 AND 1976**

**TABLE PCU 1-74.**

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<th>Code</th>
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<td>11.481</td>
<td>Demographic aspects of economic and social</td>
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<td>Relevant aspects of population policies and</td>
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<td>Regional training and research</td>
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|
11.500 PUBLIC ADMINISTRATION

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

11.501 Localization of professional training and qualifications

Origin: Commission resolutions 172(VIII), 202(IX) and 274(XII).

Project aim:
To advise and assist member States in developing national professional standards and qualifications in the fields of accountancy, secretaryship, management and other appropriate professions (ECA document: Administration and Management in Africa) and the formation of related professional associations; establishing a national examination board in each member State for the conduct of the necessary professional examinations; establishing on a national basis, institutional facilities and programmes of full professional training in accountancy, secretaryship, management and other appropriate professions based on curricula established by the national examinations boards; and eventually establishing multinational professional examinations boards to regulate the standard of professional examinations in each subregion.

Priority A

Work content:

11.501.01 (a) Assistance to countries and territories (1975-1976):

Advising on the formation of appropriate professional bodies and national examinations boards for accountancy, secretaryship, management and other appropriate professions; advising on the establishment of institutions to train accountants and company secretaries; obtaining the support of international professional bodies and other agencies in the establishment of, and development of national examinations boards and in fostering relationship with appropriate international professional bodies; obtaining technical assistance, including teaching staff, for African training institutions; and creation of a fellowship programme to enable officials to receive in-service training in accountancy and secretaryship in existing institutions in the region.

(b) Studies:

11.501.02 Evaluation of syllabi and course materials in use by training institutions on the development of senior administrative cadres (1975);

11.501.03 Evaluating and developing existing standard syllabi and curricula in use by Examinations Boards and Training Institutions (1975-1976);

9.501.03 Studies of country initiatives, measures and programmes for the development of professional training and qualifications in vocational fields.
(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.501.26 Training course for science administrators (1976);

11.501.27 National training workshops on financial management:
East and Southern Africa subregions (1975); and West and North Africa subregions (1975);

11.501.28 Training workshops for higher management personnel (1975);

9.501.26 Short-term lecture at training institutions (1975-1976);


Related programmes:

Close collaboration with United Nations Division of Public Administration and Finance, CAFRAD, ILO, various technical assistance agencies, ECA Science and Technology Section, Fiscal and Monetary Affairs Section and Economic Research Division.

11.502 Development of administrative and managerial capability in public and parastatal organizations

Origin:

Commission resolutions 70(V), 172(VIII), 202(IX) and 274(XII); and the decision of the Fifth meeting of the Executive Committee (May 1971).

Project aim:

To advise and assist member States in developing programmes for the improvement of their administrative and managerial capability within the civil service, local administration, public enterprises and other parastatal and specialized institutions with the aim of ensuring efficient and effective administration of economic and social development; and to this end develop programmes to improve upon management procedures and practices in budgeting, financial and personnel administration, and procurement and supplies management.

Priority A

Work content:

11.502.01 Assistance to countries and territories (1975-1976):

Advising on, and assisting with the organization of special national and subregional orientation and training programmes in the field of administration and management, especially with regard to financial management, personnel administration and local administration; advising, upon request,
on problems and measures relating to the introduction of necessary improvements in the capability of administrators, managers and executives in the public and parastatal sectors; encouraging and supporting national and subregional training institutions and universities to establish programmes for the teaching and qualifying of professionals in administration and management disciplines; promoting and supporting the objectives and activities of professional associations in administration and management, such as the African Association for Public Administration and Management (AAPAM) and the African Purchasing and Supplies Association (APSA); encouraging African purchasing and supplies institutions to adopt practical arrangements whereby in their official purchasing transactions preference will be given to African sources of supplies; advising and taking practical steps to assist in the improvement of organizational and operational institutions as well as the improvement of operating techniques in specific areas of administration and management (such as purchasing and supplies management), the preparation of appropriate documentation, and the updating of standard procedures; and rendering consultancy and advisory services at the request of Government in specific areas of administration and management.

(b) Studies:

11.503.02 Studies on the role of foreign private enterprises in socio-economic transformation at the national and multinational levels (1975);

9.502.04 Structural studies and organizational analysis with respect to allocation of responsibilities and inter-relationships, including centralization/decentralization of procurement and supplies responsibilities (1976);

9.502.05 On-the-spot study and review of operating practices and techniques in the various stages of procurement and supplies (1976);

(c) Collection and dissemination of information:

9.502.20 Preparation of instructional materials, including syllabus and curriculum design, as well as lecture outlines in support of training programmes in specific areas of administration and management (procurement and supplies) — (1976);

9.502.21 Preparation of guideline manuals relating to standard procedures and practices on aspects of administration and management such as procurement and supplies (1976);

(d) Conferences, meetings, seminars and expert working
groups (1975-1976);

11.503.26 Training course on personnel administration and training
in public enterprises (1975);

11.503.27 National training workshops on financial management of
public enterprises: East and Southern Africa subregions (1975);
and West and North Africa subregions (1975);

11.503.28 National training courses on staff development and
personnel management of public enterprises: North Africa
subregion (1975);

9.502.26 Subregional training course for local Government
(municipal) treasurers on local Government financing: Eastern
and Southern Africa (1976);

9.502.29 Subregional training workshops on management improvement
techniques and administrative capability in plan formulation
and implementation (1976);

9.502.30 Top-level subregional orientation courses for higher
management personnel in personnel administration (1976);

9.502.32 Top-level subregional/regional conferences of policy-makers
from Government and parastatal organizations concerned with
procurement and supplies (1976);

9.502.33 Subregional seminar or expert group meeting for developing
training programme for professional training in procurement and
supplies management (1976);

9.502.34 National and subregional training workshops in the
techniques of procurement and supplies management (1975-1976).

Related programmes:

Close collaboration with the United Nations Division of Public
Administration and Finance, UNDP, ILO, UNCTAD, SIDA and various
technical assistance agencies, Trade, Fiscal and Monetary Affairs
Division, Economic Research Division, International Union of
Local Authorities, ILAS National Universities and institutes of
Public Administration, and other national training institutes
and existing professional associations.

9.503

Administration of national development programmes

Origin:

Commission resolutions 70(V) and 274(XII).

Project aim:

To help member States raise the level of their administrative
capability in general and in particular to relate their
administrative structure and practices to the requirements of
accelerated economic and social development.
Priority A

Work content:

11.503.01 (a) Assistance to countries and territories (1975-1976):

(i) Establishing the necessary machinery to ensure that administrative capability is taken into account in plan formulation and implementation; the co-ordination of technical co-operation;

(ii) Preparation of manuals, brochures and other publications to guide administrative improvement schemes;

(iii) Training schemes for manpower development in central and local government administrations.

(b) Studies:

11.503.02 Survey and evaluation of existing training facilities on "Supply Management" (1975);

11.503.03 Development standard syllabi and course materials for training in "Supply Management" (1975);


(d) Conferences, meetings, seminars and expert working groups (1975-1976):

9.503.26 Subregional training courses on the presentation of request for, and the effective use of technical assistance (1976).

Related programmes:

Close collaboration with Public Administration Institutes, Public staff colleges, and universities in Africa, UNDP and United Nations Division of Administration, GAFRAD, International Union of Local authorities and interested international technical assistance agencies.

11.504 Establishment of management improvement services

Origin:

Commission resolutions 70(V), 172(VIII), 202(IX).

Project aim:

To develop in the public sectors a policy of organization and productivity to be implemented by national organizations; increase the productivity of public enterprises and develop the management capacities of national enterprises.
Priority A

Work content:

11.504.01 (a) Assistance to countries and territories (1975-1976):

Establishing services, institutes, specialist centres for organization, management and productivity. The national infrastructures which will be suited to the specific problems and needs of individual countries will endeavour to carry out the following tasks, in whole or in part:

(i) Work out a policy of organization and productivity on national foundations suited to the requirements and realities of the African countries;

(ii) Introduce into the ordinary day-to-day routine of the public sectors sophisticated techniques of direction, management and organization;

(iii) Encourage public administration and public enterprises to adapt themselves to the needs of development policies and technological progress (administrative reform, modernization of the public sectors, etc.);

(iv) Orient, supervise, and programme technical assistance activities in organization, management and productivity and generally organize all the activities in this field, introduce acquired skills and develop them;

(v) Draw up, as part of the development of techniques of direction and management, plans for the training of officials for the public services tailored to problems arising from the operation of the public services;

(vi) Train national organizers with the help of specialist establishments. Governments will be provided with assistance at their request and such assistance will take the form of missions and various advisory services, investigations, preparation of technical assistance projects, information, documentation.

(b) Studies:

11.504.02 How to conduct a study on organization in the public services (1975-1976);

11.504.03 The training of African consultants in organization development (1975-1976);

11.504.04 Organizational services and administrative reform (1975);

11.504.05 Handbook (application of techniques of organization to the public services) (1975).
(d) Conferences, meetings, seminars and expert working groups (1975-1976):


Related programmes:

The following organizations will be requested to cooperate: United Nations Division of Public Administration; ILO, CAFRAD and the specialized institutes of OCAM; the various bilateral aid bodies concerned; IIAP, IISA, the Agency for Cultural and Technical Cooperation in Africa; and specialist institutions such as IDETO, IAE in Yaoundé, etc.

11.505 Improving the administration of development programmes and budget management

Origin: Commission resolutions 70(V), 124(VIII), 172(VIII) and 202(IX).

Project aim:

To increase the capacity of public administrations to administer development plans and programmes, adjust their budgets to them and rationalize the use of public resources.

Priority A

Work content:

11.505.01 (a) Assistance to countries and territories (1975-1976):

Undertaking the study of implementation programmes, if possible, in combination with technical assistance projects, and supplying of information and documentation through appropriate publications.

(b) Studies:

11.505.02 Management on the basis of public administration targets (1976);

11.505.03 Productivity, costs and output of the public services (1975);

11.505.04 Regional administration and economic and social development (1975);

11.505.05 Methods of administrative reform: analysing and putting across the lessons gained from real experience (1975);

11.505.06 The budget and control of public administration programmes (1975);

11.505.07 Seminar on the budget plan regionalization (1976).
(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.505.26 Seminar on regional administration and economic and social development (West Africa) (1975);

11.505.27 Seminar on methods of an administrative reform (West Africa, 1975);

11.505.28 Seminar on the budget and supervision of public administration programmes (Central Africa, 1976);


Related programmes:

Close collaboration with IIAP, IIASA, CAFRAD and IDEP, as well as the co-operation of United Nations Division of Public Administration, and the ECA Trade, Fiscal and Monetary Affairs Division.

11.506 Administration and management of urban centres

Origin:

Commission resolutions 172(VIII) and 202(IX).

Project aim:

To develop efficient administration systems to administer and manage the urban centres and supervise their development.

Priority A

Work content:

11.506.01 (a) Assistance to countries and territories (1975-1976):

Advise Governments and help them to work out efficient administrative systems to administer and manage urban centres and supervise their development.

(b) Studies:

11.506.02 The organization of administrative problems of urbanization (Dakar)(1975);

11.506.03 The organization of administrative problems of urbanization (Kinshasa, Zaire)(1975);

9.506.04 The administration of large urban centres (1976).
(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.506.26 Symposium of experts in urban administration (West Africa, 1975);


Related programmes:
Collaboration with IULA and CAFRAD as well as the co-operation of United Nations Division of Public Administration, and the ECA Housing, Building and Physical Planning Section and the Human Environment Unit.

MAN-MONTHS REQUIREMENTS: 1975 AND 1976

TABLE PCU 1-74

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<th>Code</th>
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<td>11.502</td>
<td>Development of administrative and managerial capability in public and parastatal organizations</td>
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<tr>
<td>11.503</td>
<td>Administration of national development programmes</td>
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<tr>
<td>11.504</td>
<td>Establishment of management improvement services</td>
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<tr>
<td>11.506</td>
<td>Administration and management of urban centres</td>
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Programme management

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PUBLIC FINANCE AND FINANCIAL INSTITUTIONS

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

11.511 Budgetary management, taxation, policies and measures

Origin:
General Assembly Resolution 2562(XXIV) and 3202(S-VI); ECOSOC resolutions 1271(XLIII), 1360(XLV) and 1541(XLIX), 189(LVII) and 1911(LVIII); ECA resolutions 168(VIII), 207(IX) and 218(X); recommendations of the seminar on current problems and training needs in tax administration. Recommendation of the Sixth ECA/OAU Joint Meeting on Trade and Development. Recommendations of the African Ministerial Meeting Preparatory to UNCAD III.

Project aim:
To enhance the capacity of African countries to support expanded development programmes for achieving accelerated growth of their economies, through improvements in budgetary and fiscal systems and streamlining of tax policies, administrative machinery and techniques with a view to achieving budget-plan harmonization for achievement of national growth targets and also to promote inter-regional harmonization of fiscal policies and measures.

Priority A

Work content:

11.511.01 (a) Assistance to countries and territories (1975-1976):
Advisory services to Governments on budgetary and fiscal policies and procedures including budget-plan harmonization and individual taxation measures.

(b) Studies:
Comparative studies of tax laws, systems and administration in selected African countries and non-African countries, with suggestions for improvements, will be carried out as follows:

11.511.04 Study of the burden of taxation in Africa (1975);
11.511.05 Double taxation (1975);
11.511.06 Administration of company and corporate taxation in African countries (1975);
11.511.07 Recent developments in the field of improvement in tax administration (1975);
11.511.08 Recent developments in the field of budgetary improvements in African countries (1975);
9.511.02 Comparative studies of progress in the improvement of budgetary systems and management by selected African countries (1976);
Development of techniques and procedures for effective co-ordination of the budget and the plan in selected African countries (1976);

The use of presumptive tax assessment techniques to cover small traders and various categories of self-employed. Case studies from the experience of African countries using the method (1976);

The problem of tax evasion in selected African countries (1976);

(d) Conferences, meetings, seminars and expert working groups (1975-1976);

Seminar on tax policy, legislation and administration (1975);

Seminar on budget plan harmonization (1975);

Local (national) training courses in tax policy, legislation and administration (1975-1976);

Local (national) training courses in budget-plan harmonization (1975-1976);

Seminar on company and corporate taxation (1976);

Study group on international income tax problems of African countries with particular reference to the establishment of a model tax agreement (1976);

Conference on finance and tax administrations (1976);

Sub-regional workshop on harmonization of fiscal systems and administration (1976).

Related programmes:

Close collaboration with United Nations Headquarters and ECA Divisions.

The role of domestic financial institutions and monetary and financial aspects of African development

Origin:

General Assembly resolutions 2087(XX), 2415(XXIII), 2565(XXIV), 2570(XXIV) and 2571(XXIV), ECOSOC resolutions 1286(XLIII), 1352(XXIV), 1451(XLIII); UNTAD resolutions A.IV.12, 27(II), 28(II), 30(II), 32(II), 33(II) and 57(III); Commission resolutions 43(IV), 98(IV), 140(VII), 168(VIII), 169(VIII), 207(IX), 218(X) 228(IX) and 244(XI); recommendation of the Sixth ECA/OAU Joint Meeting on Trade and Development; recommendation of the Group of "77" in Lima. UNCTAD resolution 28(II) and 57(III); ECA resolution 98(VI), recommendation of the Second Regular
Meeting of the Association of African Central Banks, recommendation of the African Ministerial Meeting Preparatory to UNCTAD III; African Declaration on Co-operation, Development and Economic Independence.

Project aim:

Improving mobilization of domestic finance for development with a view to increasing investment resources and to direct these resources towards the expansion of capital formation to serve an increase in financial flows to Africa and an improvement in their quality to strengthen financial and monetary co-operation among African countries to formulate appropriate measures for a more advantageous utilization of foreign capital in Africa; international monetary issues in as far as they affect African trade and development.

Priority A

Work Content:

11.512.01 (a) Assistance to countries and territories (1975-1976):

Assisting African countries in formulating common positions on international financial and monetary problems; assisting African countries in formulating adequate country insurance and reinsurance policies and legislation; and providing secretariat services for the Association of African Central Banks.

(b) Studies:

11.512.02 Evaluation of the role of various domestic institutions in mobilizing domestic financial resources (1975-1976);

11.512.03 Country studies of savings policies, structures, sources and volume (1975);

11.512.04 The role of Unit Trusts in the development of African countries (1975-1976);

11.512.05 Ways and means in which national and multinational development banks, development corporations, public corporations and similar institutions may be efficient instruments for the promotion and direction of industrial investment (1975);

11.512.06 Annual survey of the monetary situation in Africa (1975);

11.512.07 Annual survey of international monetary problems and their impact on Africa and financial and technical assistance to Africa (1975);

11.512.08 Studies of the possibilities of creating African Monetary Unions on a sub-regional basis (1975);

11.512.09 Study aimed at the improvement of the terms of suppliers finance (1975);
Study of the problem of financing local expenses associated with the implementation of projects (1975);

Establishment of inter-regional, regional or subregional development banks supported by third world funds (1976);

Intra-African monetary co-operation in support of intra-African trade expansion (1975);

Establishment of multinational monetary institutions supported by third world funds (1976);

The Eurocurrency market and African countries (1976);

The impact of world inflation on the trade and development of African countries including its consequences for their monetary policies (1976);

Annual survey of insurance and re-insurance situation in Africa (1976-1979);

Conferences, meetings, seminars and expert working groups (1975-1976);

Study group in long-range monetary issues, notably related to the inter-dependence of monetary, trade and development problems (1976).

Related programmes:

Close collaboration with IBRD, IMF, ADB, OAU, BCA Statistics and Economic Research and Planning Division.

**MAN-MONTHS REQUIREMENTS : 1975 AND 1976**

TABLE PCU 1-74

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11.520 SCIENCE AND TECHNOLOGY

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

11.521 Establishment and management of national organizations for technological development planning and administration

Origin:
ECOSOC resolution 1083(XXXIX); Commission resolutions 158(VIII), 206(IX), 248(XI) and 268(XII).

Project aim:
To assist member States in creating or strengthening the organs required for the formulation of government policies and plans for the promotion and application of science and technology for economic and social development.

Priority A

Work content:

11.521.01 (a) Assistance to countries and territories (1975-1976):

   (i) Create or strengthen technological planning units for economic development planning;

   (ii) Provide advisory services, on request, on science and technology development.

   (b) Studies:

11.521.02 Surveys of government machinery for planning and administration in science and technology (1975-1976);

(d) Conferences, meetings, seminars and expert working groups (1975-1976):


Related programmes:
Collaboration with UNESCO, FAO, UNIDO, and more particularly with ECA Human Resources Development Division, Economic Research and Planning Division.

11.522 Collection and analysis of data on the techno-economic situation and technological needs and priorities in member States

Origin:
ECOSOC resolutions 980(XXXVI) and 1626(LI); Commission resolutions 158(VIII) and 206(IX).

Project aim:
To provide the basic information for development planning in science and technology.
Priority A

Work content:

11.522.01  (a) Assistance to countries and territories (1975-1976):

In the determination of needs and priorities for technological development.

(b) Studies:

11.522.02  Continuation and updating of techno-economic surveys of African countries (1975-1976);

9.522.03  Review of the agricultural and industrial technologies of the region to identify the needs for research programmes in different sectors of production (1976);

9.522.04  Case studies of costs of technology, installation, commissioning and regular operation of selected industrial plants in the African countries (1976).

Related programmes:

Collaboration with UNESCO, FAO, UNIDO and ECA Economic Research and Planning Division will be required.

11.523

Development of principles and procedures for technological development planning

Origin:

ECOSOC resolutions 980(XXXVI) and 1900(LVII); Commission terms of reference and report of first session.

Project aim:

To develop guidelines and procedures for technological development planning.

Priority A

Work content:

11.523.01  (a) Assistance to countries and territories (1975-1976):

In the development of programmes for technology policy research;

(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.523.26  Meetings of panel of experts on centres for technology policy and planning in Africa (1975).

Related programmes:

Co-operation with UNESCO, FAO, UNIDO, UNCTAD and ECA Economic Research and Planning Division will be required.
11.524  The development of manpower for science and technology.

Origin:
General Assembly resolution 2318(XXII); ECOSOC resolutions 1083(XXXIX) and 1155(XLI); Commission resolutions 158(VIII) and 206(IX).

Project aim:
The designing of training programmes, conduct of courses and establishment of institutions for the development of manpower for science and technology.

Priority A

Work content:
11.524.01 (a) Assistance to countries and territories (1975-1976):
In the creation of centres for advanced study and research in applied science and technology.

(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.524.26  Meeting of expert panel on regional centres for marine science and technology (1976).

Related programmes:
Collaboration with UNESCO, FAO, UNIDO, ILO, OAU and cooperation with ECA Human Resources Development Division.

11.525  Development of institutional infrastructure for technological research and development.

Origin:
General Assembly resolution 2318(XXII); ECOSOC resolution 1155(XLI); Commission resolutions 158(VIII), 206(IX), 248(XI) and 288(XII).

Project aim:
To promote the establishment of institutions for research and development in different sectors of the African economies so as to provide a continuous flow of technology and technical services for production activities.

Priority A

Work content:
11.525.01 (a) Assistance to countries and territories (1975-1976):

(i) In the establishment and strengthening of national machinery for the implementation of the African Regional Plan (ARP) for science and technology development;
(ii) In the mobilization of bilateral assistance in support of the African Regional Plan;

(iii) Offering assistance to and maintaining liaison with universities, institutes and other organizations concerned with technological research and development.

(a) Conferences, meetings, seminars and expert working groups (1975-1976):

Meeting on the review and appraisal of progress in the implementation of the African Regional Plan (1976).

Related programmes:

Close co-operation will be maintained with the work of FAO, UNESCO, UNIDO, OAU and Human Resources Development Division in this field.

Promotion of popular support for the application of science and technology to development

Origin:

ECOSOC resolution 1155(XLI); Commission resolutions 158(VIII), 206(IX), 248(XI) and 268(XII).

Project aim:

To create popular awareness of the importance of science and technology in the African countries, with a view to enlisting maximum support for the promotion and application of science and technology to development.

Priority A

Work content:

(a) Assistance to countries and territories (1975-1976):

(i) The promotion of scientific and technical journalism in mass media;

(ii) The development and implementation of science and technology popularization programmes;

(iii) The development of programmes for keeping leaders and decision-makers informed on major issues of science and technology;

(iv) Offering assistance to, and maintaining liaison with universities, institutes and mass media organizations involved in the promotion of scientific journalism and science popularization.
(b) Studies:

9.526.02 Project studies for the establishment of science and technology museums (1976).

(d) Conferences, meetings, seminars and expert working groups (1975-1976):


Related programmes:

Close collaboration with OST/ESA, FAO, UNESCO, OAU and ECA Information Unit.

11.527 Promotion of regional co-operation in science and technology

Origin:

ECOSOC resolution 1155(XLI); Commission resolutions 158(VIII), 206(IX), 248(XI) and 268(XII).

Project aim:

To develop contacts between the science and engineering communities in African countries so as to promote joint action and collaboration in research and training, and in tackling problems of multinational interest in science and technology.

Priority A

Work content:

11.527.01 (a) Assistance to countries and territories (1975-1976):

Assistance in the establishment of machinery for cooperation, identification of areas of collaboration, and the development of specific cooperative projects.

(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.527.26 Meetings of the intergovernmental Committee of Experts for Science and Technology Development in Africa (CESTD) (1975-1976);


Related programmes:

Close collaboration with UNESCO, OAU and ECA Economic Research and Planning Division.
### SCIENCE AND TECHNOLOGY

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9.530 SOCIAL DEVELOPMENT

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.531 Promotion of technology appropriate to rural communities

Origin:

African Regional Plan for the application of Science and Technology to Development; Commission resolutions 197(IX), 238(XI), and 248(XI).

Project aim:

To establish a clearing-house for research and information on technology appropriate to rural communities and dissemination of such information to governments, voluntary agencies and other interested groups through publications and advisory services.

Priority A

Work content:

9.531.01 (a) Assistance to countries and territories (1975-1976):

Provide advisory and technical assistance, or requests, to member States and voluntary agencies, in the identification, development, promotion and acceptance of improved village technology and other practices and innovations, relating to: agricultural activity; self-help constructional schemes; home improvement schemes; agro-industries; transportation systems; and common services.

(b) Studies:

9.531.02 Research in application and gaps in existing simple technology used in rural communities with particular reference to labour intensity (1976);

(c) Collection and dissemination of information:

9.531.20 "Village Technology Newsletter" (1976).

(d) Conferences, meetings, seminars and expert working groups (1975):

9.531.26 Workshop on the application of village technology for increasing productivity (1976).

Related programmes:

Collaboration with UNICEF, NGO's concerned, research institutes and relevant ECA Divisions.
The African social situation

Origin:
Commission resolution 88(V) and recommendations of the 22nd session of the Social Development Commission.

Project aim:
(a) To analyse social trends and major social development problems in Africa, with a view to assessing their implications for policy and action, and assisting member States to strengthen national social policies and programmes;

(b) To contribute to the United Nations periodic reports on the world social situation.

Priority A

Work content:

11.532.01 (a) Assistance to countries and territories (1975-1976):
To strengthen national social policies, administration and institutions.

(b) Studies:

11.532.02 Review of social trends and major social development problems as a basis for the chapter on social situation in the ECA, "Survey of Economic and Social Conditions in Africa", and ECA's contribution to the United Nations Reports on the World Social Situation (1975-1976);

11.532.03 Study of urbanization and migration - volume, trends, social and economic implications in selected large cities (1975);

9.532.04 Comparative study of methods of income distribution in selected African countries and their effects on urban and rural communities (1976);

(c) Collection and dissemination of information:


Related programmes:
Collaboration with ESA, UNFPA and ECA Population Programme Centre.
Promotion and co-ordination of voluntary and United Nations assistance for urban and rural development

Origin:
Commission resolutions 197(IX) and 218(X); recommendations of the Symposium on Rural Development in Africa in the 1970s (August 1971).

Project aim:
To promote co-ordination of the work of the Commission with that of various international voluntary agencies which sponsor urban and rural development programmes in Africa with the view to co-ordinating and securing maximum impact of these and United Nations Programmes on the social and economic progress of the region.

Priority A

Work content:

11.533.01 (a) Assistance to countries and territories (1975-1976):
Advisory and technical assistance to international voluntary agencies, member States and territories with particular reference to integrated rural development projects.

(b) Studies:

11.533.02 Reports on project identification and formulation; field management and evaluation of urban and rural development projects sponsored by United Nations and voluntary agencies (1975-1976);

(c) Collection and dissemination of information:

11.533.20 Directory of voluntary agencies activities (Second Edition) (1975);

11.533.21 "Rural Development Newsletter" - a quarterly bulletin of the Voluntary Agencies Bureau (1975-1976);

11.533.22 Development education programmes aimed at giving publicity to village-level development projects through radio broadcasts, press releases, ECA Target and other mass media at regional and national levels (1975);


Related programmes:
Collaboration with International Voluntary Agencies, Intermediate Technology Development Group (ITDG), various ECA Divisions as appropriate.
11.534 Development of skills and job opportunities for girls and women

Origin:
General Assembly resolutions 3010(XXVII) and 3342(XXIX), Commission resolution 269(XII) and recommendations of the regional conference on education, vocational training and work opportunities for girls and women in Africa (Rabat, May 1971) and of the Regional Seminar on the Integration of Women in Development (Addis Ababa, June 1974).

Project aim:
To assist member States in developing skills and increasing job opportunities for girls and women.

Priority A

Work content:

11.534.01 Assistance to countries and territories (1975-1976):
   (i) Advisory services to member States and to voluntary agencies, at their request, on vocational guidance, vocational and technical training and the establishment of national Commissions and women's bureaux to promote employment of girls and women in the non-traditional sector;

11.534.02 (b) Studies:
Country studies on pre-vocational and vocational training opportunities and institutions for girls and women (1975-1976);

11.534.03 Select country studies of women in commerce, industry and services (1975);


collection and dissemination of information:

11.534.20 Directory of organizations sponsoring programmes for women and girls (1975);


11.534.26 Itinerant (national) workshops for trainers and planners in programmes to improve the quality of rural life; with the collaboration of FAO (1975-1976);
Training of women leaders and national planners on national machinery for the participation of women in national development (1975-1976):

Related programmes:
 Collaboration with UN Headquarters (Social Development Division, Commission on the Status of Women), UNDP, OAU, SIDA, UNFPA and UN specialized agencies (through Regional Inter-agency Committees when possible), Netherlands and German Governments, voluntary agencies, trade unions, co-operatives and industries, as appropriate.

Social work, research and training

Origin:
General Assembly resolution 2460(XXIII); Commission terms of reference; Commission resolutions 36(III) and 88(V).

Project aim:
To assist African social research institutions; help in the training of professional social workers, give advisory services in aspects of social welfare and promote international co-operation in social welfare training and research.

Priority A

Work content:

11.535.01 (a) Assistance to countries and territories (1975-1976):

   (i) Advisory services in social work research and training;

   (ii) Advisory services in family welfare and development;

   (iii) Support to ASWA in promoting regional programmes of studies, collection of case work materials and production of indigenous teaching materials for social work education; expert group meetings; and production of Directory of Social Welfare Activities in Africa.

(b) Studies:

11.535.02 Study on attitudes of rural families toward family size and acceptance of family planning (1975-1976);

9.535.03 Issues in social defence policy formulation and implementation in Africa (1976);

9.535.04 Study of the organization and functioning of national service schemes and their impact on development (1976);
(d) Conferences, meetings, seminars and expert working groups (1975–1976):

9.535.26
Meetings of Inter-Agency Consultative Groups for Social Development (1976).

Related programmes:
Collaboration with UNICEF, DANIDA, PAID, AS/EFA, ECA Population Programme Centre and UNFPA.

11.536 Integrated rural development

Origin:
Commission terms of reference, resolution 197(IX).

Project aim:
To encourage the adoption of multi-disciplinary approach to rural development, to popularize tried models, and to promote training of personnel for rural development.

Priority A

Work content:

11.536.01 (a) Assistance to countries and territories (1975–1976):
Advisory services to member States; and assistance in launching integrated rural development projects; and mission and assistance to liberated areas of colonial and semi-colonial territories.

(b) Studies:

11.536.02 Country case studies and comparative study of the organization, administration and financing of rural development programmes in Africa; and the examination of current models for integrated rural development (1975);

11.536.03 Manual of village technology: a collection of information on tools, techniques and processes in use in rural areas in Africa (1975);

9.536.02 Social security programmes for rural populations (1976).

(d) Conferences, meetings, seminars and expert working groups (1975–1976):

11.536.26 ECA/DANIDA short course (6–8 weeks) for senior African rural development officers, at Holte Rural Development College (1975);

11.536.27 ECA/PAID sub-regional training workshop (4 weeks) for senior personnel based on the methodology and practice of integrated development programme (1975);
**ECA/PAID national seminar (two) (4-5 weeks) for provincial officers and researchers based on the methodology and practice of integrated rural development programmes (1975-1976).**

**Related programmes:**

Collaboration with UN specialized agencies and UNICEF, DANIDA, PAID, Joint ECA/FAO Agriculture Division, Natural Resources Division and Joint ECA/UNIDO Industry Division.

**MAN-MONTHS REQUIREMENTS: 1975 AND 1976**

**TABLE PCU 1-74**

**SOCIAL DEVELOPMENT**

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\-_a/ Includes 12 man-months of Regional Adviser in Family Planning (UNFPA).

\-_b/ Consultant on Advancement of Women (SIDA) - 12 man-months; FAO Planning for Better Family Living RA - 12 man-months.

\-_c/ Excludes GS posts provided by USAID, FAO and UNFPA.
11.540

STATISTICS AND AFRICAN CENSUS PROGRAMME

A.

BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

11.541

Development of national and multinational statistical and economic information services

Origin:
Commission terms of reference, Commission resolutions 18(II), 146(VIII) and 231(X) and report of the Conference of African Statisticians.

Project aim:
Development and co-ordination of statistical services in the African region to meet the growing needs of administration, industry, policy formulation and planning for economic and social development.

Priority A

Work content:

11.541.01 (a) Assistance to countries and territories (1975-1976):

(i) Advisory services in demographic statistics, economic statistics, national accounts, sample surveys (including the household surveys programme for Africa), statistical organization, data processing, national economic surveys and the development of economic information services.

(ii) Support to existing national and regional training centres at middle and professional levels through participation in their training programmes and provision of advisory service in curriculum development.

(b) Studies:

9.541.03 Preparation of a National Accounts Manual for use in the African region (1976);

9.541.07 Study on migration statistics (1976);

9.541.08 Study on the enumeration of nomadic populations (1976);

9.541.09 Study on the methods and problems of African population censuses and surveys, 1964-1974 (1976);
(d) Conferences, meetings, seminars and expert working groups (1975-1976):

11.541.26 The ninth session of the Conference of African Statisticians (1975);

11.541.28 Workshop on income and financial transactions of enterprises and business accounting (1975);

9.541.29 Workshop on the revised United Nations System of National Accounts (1976);

9.541.30 Training course in national accounts for English-speaking African professional national accounting personnel (1976);

9.541.35 Working group on transport statistics (1976);

9.541.38 Working group on evaluation of the 1970 World Population and Housing Census Programme in African Countries (1976);


Related programmes:

All components of this project will be implemented in cooperation with ECA member States. The work will be carried out in collaboration with the United Nations Statistical Office, OTC, UNESCO, FAO, UNICEF and other specialized agencies. Activities will be co-ordinated with those of other ECA secretariat units where appropriate, and non-African governments with relevant experience will be invited to participate. For the African Household Surveys Programme close collaboration with such additional UN agencies as the UNDP, UNFPA and the IBRD and other related bodies will be needed, in addition to bilateral agencies and Governments which contribute to the establishment and/or implementation of the Programme, and appropriate government officials in the various African countries responsible for the planning and conduct of their national household surveys programmes.

11.542 Development of a regional statistical and economic information service

Origin:

Commission terms of reference, reports of the Conference of African Statisticians and the increasing demand for comprehensive and standardized information on the African region.

Project aim:

To develop a regional framework of statistical information, supported by detailed studies, to provide a reasonably comprehensive account of the African economic and social situation.
Priority A

Work content:

(b) Studies:

11.542.02 Compilation and analysis of economic aggregates for all countries of the region, using secretariat estimates where necessary (annually);

11.542.03 Purchasing power parities of African currencies (1975-1976);

11.542.04 Balance of payments of African countries (1975-1976);

11.542.05 Patterns of private consumption expenditure (1975-1976);

11.542.07 Price movements during the period 1960 to 1970 in relation to similar movement in other regions (1975-1976);

11.542.08 Public debt of African countries (1975);

11.542.09 Level of taxation (1975);

11.542.10 Financing of public sector investments (1975-1976);

11.542.16 Organization and structure of African national statistical services (1975);

9.542.11 Analysis of public sector accounts (1976);

9.542.18 African data bank on national accounts, balance of payments, finance, prices (annual);

9.542.20 Processing and analysis, mainly for other ECA Divisions (annually);

9.542.23 African industrial censuses undertaken in connexion with the 1973 World Population of Industrial Statistics (1976);

9.542.25 Construction statistics (1976);

9.542.30 Development of an African data bank of demographic and social statistics (annual);

9.542.36 Study of methodology used in the conduct of household surveys in African countries (1976);

11.542.30 Statistical Newsletter (periodical);
11.542.31 Statistical and Economic Information Bulletin (periodical);
11.542.32 Foreign Trade Statistics for Africa, Series A, Direction of Trade (periodical);
11.542.33 Foreign Trade Statistics for Africa, Series B, Trade by Commodity and by Country (half-yearly);
11.542.34 African Economic Indicators (Annual);
11.542.35 African Statistical Yearbook (Annual);
11.542.36 Economic Data Summaries for individual African countries (Annual);
11.542.37 Bibliography of African Statistical Publications (Biennial);
11.542.38 African Directory of Statisticians (Biennial).

Related programmes:

The preparation of statistical studies and compilation of regular regional statistical publications requires close contact between the ECA secretariat, member States and the agencies with official data-collection responsibilities. Contact between the ECA secretariat and African countries has recently been considerably improved through visits and mail inquiries, but needs further development.

9.543 AFRICAN CENSUS PROGRAMME

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.544 Demographic aspects of economic and social development

Origin:

Tenth and eleventh sessions of the Commission (Reports, E/4997 and 5253); ECA Technical Committee of Experts (Reports, E/CN.14/1474, 512, 571 and 602); Conference of African Demographers (Report, E/CN.14/553); Conference of African Statisticians (Reports, E/CN.14/113, 255, 405, 464, 547 and 611); Consultative Group on the African Census Programme (Reports, E/CN.14/POP/59, E/CN.14/596 and E/CN.14/CPH/43).

1/ The present level of regional advisory services of the African Census Programme will need to be continued at least through 1979, subject to later developments.
Project aims:
To assist Governments of the region in improving their information services with regard to population size, growth rates, employment, education and other characteristics, and to direct attention to the interrelationship between population dynamics and economic and social development.

Priority A

Work content:

9.544.01 (a) Assistance to countries and territories (1976):

(i) Advisory service in the planning and conduct of national censuses of population;

(ii) Coordination of regional activities of the African Census Programme with Headquarters objectives and with individual country programmes.

(b) Studies:

9.544.02 Study of methodology used for data collection and tabulation (1976);

9.544.03 Study and evaluation of special techniques used for the enumeration of nomadic populations (1976);

9.544.04 Evaluation and analysis of collected data (1976);

(c) Collection and dissemination of information:

9.544.20 Collection of information on the planning and conduct of population censuses in the various countries participating in the African Census Programme; and dissemination of this information among technicians through personal contact and by distribution of the African Census Programme Newsletter.

(d) Conferences, meetings, seminars and expert working groups (1976):

9.544.26 Consultative Group Meeting on the African Census Programme (1976);

9.544.27 African Census Programme Experts Meeting (1976);

9.544.28 Study tours (1976);

9.544.29 Representation at regional, subregional and country level meetings on census activities (1976).
Related programmes:

Close collaboration will be maintained with the United Nations Headquarters - Population Division, Statistical Office, and Office of Technical Cooperation; with the United Nations Fund for Population Activities (UNFPA) and other relevant organs of the United Nations; with Population Programme Centre and Technical Assistance and Programme Coordination Office; and with appropriate government officials in the various African countries responsible for the planning and conduct of their national census programmes.

9.545 Regional training and research

Origin:

General Assembly resolution 2211(XXI); Commission terms of reference; ninth session of the Commission (Report, E/4651, para. 522); Sixth Conference of African Statisticians (Report E/CN.14/64); Conference of African Demographers (Report, E/CN.14/553); Consultative Group on the African Census Programme (Reports, E/CN.14/POP/59, E/CN.14/596 and E/CN.14/CPH/43); Meeting of African Census Programme Country Experts (Report, E/CN.14/CPH/42).

Project aim:

To assist African Governments in meeting the need for trained personnel for the planning and conduct of demographic censuses and sample surveys.

Priority A

Work content:

9.545.01 (a) Assistance to countries and territories (1976):

(1) Training course on the Utilization of Census Data for Development Planning (1976);

(ii) On-site training of local technicians by regional advisers (1976).

(d) Conferences, meetings, seminars and expert working groups (1976):

9.545.26 Meeting of African Census Programme Experts (1976);

9.545.27 Sub-regional and country level meetings to stimulate the application and utilization of census data for economic and social development programmes (1976).

Related programmes:

Close collaboration will be maintained with the United Nations Headquarters and relevant United Nations organs; with co-operating Governments and with Population Programme Centre and Human Resources Development Division of ECA.
## TABLE PCU 1-74

### STATISTICS

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MAN-MONTHS REQUIREMENTS: 1975 AND 1976
11.550 TRANSPORT, COMMUNICATIONS AND TOURISM

A. TRANSPORT

D. DEVELOPMENT OF ESSENTIAL SERVICES

11.551 Planning and development of transport in Africa

Origin:
General Assembly Resolutions 2626(XXV); ECOSOC resolutions 935(XXXV), 1082(XXXIX), 1202(XLI); Commission resolutions 161(VIII), 195(IX), 198(TX), 263(XII) and 277(XII).

Project aim:
Promotion of multinational co-operation in the planning and implementation of transport development programmes.

Project A

Work content:
11.551.01 Assistance to countries and territories (1975-1976):

(i) Advice on general transport problems; ratification of or accession to the proposed United Nations International Convention for Safe Multimodal Transport Containers and the United Nations Customs Convention on Containers; economic, legal and organisational implications of a proposed system of international implications of a proposed system of international intermodal transport operations (IIT);

(ii) Special assistance on Combined Transport Arrangements to the permanent inter-governmental machinery in each subregion in:

- policy-making and planning techniques for intermodal transport system with particular reference to the transport of raw materials and other heavy or bulk products for both extra and intra-African trade;

- the coordination of multinational projects awaiting approval;

- the planning and coordination of new multi-national projects;

- legal, customs, insurance, finance, and organizational aspects of the proposed multimodal convention on transport;

- the establishment of subregional facilitation groups for the simplification of documentary and other procedures between trading partners (in liaison with other Regional Economic Commissions).
(iii) Assistance to other multinational transport institutions: the Union of African Railways; Port Management Associations;

(iv) Assistance in the development of national and multinational shipping lines;

(v) Assistance in the establishment of national and multinational shippers councils to be associated with the work of the Joint UNDP/UNCTAD/IMCO/ECA Shipping Advisory and Training Unit;

(vi) Assistance in the development of national and multinational air freight services;

(vii) Assistance and guidance in the development of tourism.

(b) Studies:

11.551.02 Studies, on the subregional basis of existing facilities for manpower development in transport systems analysis and design, transport economics and management and automotive technology with a view to strengthening such facilities or designing additional institutions. Projects to be carried out under aegis of permanent inter-governmental machinery at the subregion (9.551.01 above);

9.551.03 Studies of the contribution of rural road networks to development and economic growth (1975-1976);

11.551.03 Studies on the improvement and utilization of inland waterways with special reference to the East African Great Lakes and the Congo River Basin. Organization and evaluation of dossiers on all aspects for multi-purpose development; Eastern Africa (1975-1976), Central Africa (1976);

Maritime shipping development

9.551.04 Study of the economic technological and operational aspects of bulk carriers and tankers fleets for the transportation of raw and semi-processed materials (1976);

9.551.06 Studies of maritime and coastal shipping statistics by route and commodity with special reference to the Western/Central African shipping range.

Coastal Shipping

11.551.06 Studies of existing coastal shipping facilities and their organization (1976).

1/ Technical advisory services will be given to Governments and territories on request depending on the availability of staff.
Air Transport

11.551.07 Studies of air freight potential: National and regional studies of air freight potential covering evaluation of potential freight carriage (African originating and intercontinental), under-utilized capacity, requirements for expansion of capacity and facilities and organizational aspects. This project is part of the programme for promoting intra-African trade (1975).

Related programmes:

11.552 International roads and road transport development

The programme of work and priorities will deal principally, but not exclusively, with the following projects:

A. Trans-African Highway (Mombasa-Lagos) and its feeder roads from the neighbouring States (1975).
B. Trans-West African Highway Network, including its links with the Trans-Saharan Road (1975).
C. Trans-East African Highway (Gaborones-Cairo) and its feeder roads.

Origin:
Commission resolutions 103(VI), 226(X), 275(XII) and 276(XII).

Project aim:
To promote the development of international roads and road transport and to improve the technique of road planning, design, construction and maintenance.

Priority A

Work content:

11.552.01 (a) Assistance to countries and territories (1975-1976):

(i) In the development of international roads and road transport with special reference to the aforementioned projects;
(ii) In the ratification of or accession to the revised (Vienna 1968) United Nations Convention on road traffic and the Protocol on road signs and signals with special reference to international roads and road transport;

(iii) In the removal of legal and administrative barriers to travel and trade along international roads.

(iv) Inventory of road research facilities with a view to strengthening existing ones and developing additional road research centres; and maximization of the application of research results in the design, construction and maintenance of roads;

(v) Standardization of basic road and road transport statistics.

(b) Studies:

Trans-African Highway Project:

11.552.02 Feasibility and engineering studies, including the adoption of minimum standards, of selected sections of the Highway and its feeder links and in particular (1975-1976):

(i) Kasindi—Kisangani (Zaire);

(ii) Kisangani—Bangassou (Zaire);

(iii) Bossembélé—Garoua Boulai (CAR);

(iv) Meidogou—Tibati (Cameroon);

(v) Tibati—Foumban (Cameroon);

(vi) Bamenda—Ekok (Cameroon).

11.552.03 Study on the establishment of a Trans-African Highway Authority and a Road Fund would be carried out (1975-1976);

11.552.04 Study of the legal and administrative barriers impeding the international movement of persons and goods on the Trans-African Highway (1975-1976);

9.552.05 Studies of selected sections of the feeder roads to the Trans-African Highway (1976).

Trans-Jest African Highway Network

11.552.06 Feasibility and engineering studies of selected sections of the Trans-Jest African Highway Network, namely:

(i) Dakar—N'Đjamena Highway (1975-1976);

(ii) Nouakchott—Lagos Highway (1975-1976);
(iii) Feeder roads, including the linking of the Trans-Saharan Road with the Dakar-Mijamena Highway.

9.552.13 Studies of selected sections of the Trans-East African Highway (Gaborones-Cairo) Project (1976).

(d) Conferences, meetings, seminars and expert working groups (1975-1976):


11.552.30 Meeting on the establishment of a Trans-African Highway Authority and a Road Fund (Nairobi : 1975).


Related programmes:


B. COMMUNICATIONS

D. DEVELOPMENT OF ESSENTIAL SERVICES

11.553 Development of telecommunications

Origin: General Assembly resolution 2733(XXV), Commission resolutions 162(VIII), 278(XII), 279(XII) and 281(XII).

Project aim: Development and improvement of national, subregional and regional telecommunications networks and services.

Priority A

Work content:

11.553.01 (a) Assistance to countries and territories (1975-1976):

(1) Technical and advisory services for the implementation of Phase II of the African telecommunication network;
(ii) Development of training facilities and management of appropriate courses;

(iii) Project identification, design and project implementation;

(iv) Implementation of the Pan-African Telecommunications Network;

(v) Establishing an African Telecommunications Union.

(b) Studies:

11.553.02 Preliminary study of the general impact on the region of satellite telecommunication services and the economics of their installation and use (1975);

11.553.03 Studies of broadcasting techniques for promoting the extension of radio and television broadcasting coverage at the national and regional levels and for improvement of mass communication (1975–1976):


(b) Joint (UN/ECA) study on the use of radio broadcasting for accelerating development especially in rural Africa (1975–1976).

(d) Conferences, meetings, seminars and expert working groups (1975–1976);


Related programmes:

Close collaboration with ITU, OAU, UNESCO, URTNA and other concerned ECA Divisions.

11.554 Communications: Improvement of postal services

Origin: Commission resolutions 124(VI) and 202(IX).

Project aim: To assist member States in improving their systems of postal administrations in order to enable them to provide more efficient internal and international postal services.
Priority A

Work content:

11.554.01 (a) Assistance to countries and territories (1975-1976):

(i) Advisory services on postal development planning;

(ii) Advisory services on methods of improving existing surface and air postal services both within each State and with other countries;

(iii) Advisory services on ways and means of establishing better mail routing links between African countries;

(iv) Advisory services on postal tariffs and their harmonization;

(v) Advisory services on the organization and operation of postal statistical services, on postal savings banks; and in the establishment of postal training institutions and facilities.

(b) Studies:

11.554.02 Study of existing syllabi and course materials for postal training in Africa (1975-1976).

(d) Conferences, meetings, seminars and expert working groups (1975-1976);

11.554.26 Multinational training on routing and mail tariffs (1975-1976) with special reference to least developed countries.

Related programmes:

Close collaboration with UPU, UNDP, other technical assistance agencies and African Postal Administrations.

C. TOURISM

D. DEVELOPMENT OF ESSENTIAL SERVICES

11.555 Development of tourism

Origin:
Commission resolution 204(IX).

Project aim:
To provide guidance in the development of tourism in the region by assisting Governments in setting up tourism development programmes and in their implementation.
Priority A

Work content:

11.555.01 (a) Assistance to countries, group of countries and territories (1975):
   (i) through advisory service on major problems of tourism development and on tourism projects;
   (ii) in the development of tourist infrastructure and tourist facilities;
   (iii) in establishing national and multinational machinery for tourism promotion;
   (iv) in organizing training facilities and assisting in training of tourism personnel;
   (v) in the organization of tourism statistics.

(b) Studies:

11.555.02 Updating studies on tourism development in the subregions.

(d) Conferences, meetings, seminars and expert working groups (1975);


Related programmes:


**MAN-MONTHS REQUIREMENTS : 1975 AND 1976**

**TABLE PCU 1-4**

**TRANSPORT, COMMUNICATIONS AND TOURISM**

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