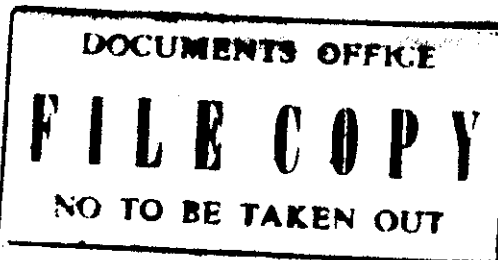




UNITED NATIONS
ECONOMIC AND SOCIAL COUNCIL



Distr.
LIMITED

53992

E/CN.14/TECO/23/Rev.1
1 August 1974

Original: ENGLISH

ECONOMIC COMMISSION FOR AFRICA

DRAFT MEDIUM-TERM PLAN FOR
1976 to 1979

ABBREVIATIONS (cont'd)

ITC	International Trade Centre
ITU	International Telecommunication Union
IUOTO	International Union of Official Travel Organizations
OAU	Organization of African Unity
OCAM	Common Organization of African and Malagasy States
ODA	Overseas Development Administration
ODTA	Organization for the Development of Tourism in Africa
OECD	Organization for Economic Co-operation and Development
OTC	Office of Technical Co-operation
SIDA	Swedish International Development Agency
SIFIDA	Société internationale financière pour les investissements et le développement en Afrique
STRC	Scientific Technical and Research Commission
TFMD	Trade, Fiscal and Monetary Affairs Division
UNACAST	United Nations Advisory Committee on the Application of Science and Technology
UAR	Union of African Railways
UN	United Nations
UNCTAD	United Nations Conference on Trade and Development
UNDAT	United Nations Multinational Interdisciplinary Advisory Team
UNDP	United Nations Development Programme
UDEAC	Union douanière et économique de l'Afrique centrale
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNICEF	United Nations Children's Fund
UNIDO	United Nations Industrial Development Organization
UNITAR	United Nations Institute for Training and Research
UNO	United Nations Organization
UNRTD	United Nations Resources and Transport Division
UPU	Universal Postal Union
URTNA	The African National Television and Broadcasting Union
WFP	World Food Programme
WHO	World Health Organization
WMO	World Meteorological Organization
VAB	Voluntary Agencies' Bureau

Introduction

As is the usual practice, the 1976-1979 medium-term plan was initially prepared by the secretariat taking into account various General Assembly, Economic and Social Council, Commission and other relevant resolutions relating to the work programme of the Commission. The resources required to carry out the various activities in each sector have been forecast on the basis of established posts under the UN regular budget as well as other extra-budgetary resources for 1974, and are subject to adjustment when planning estimates become available from Headquarters.

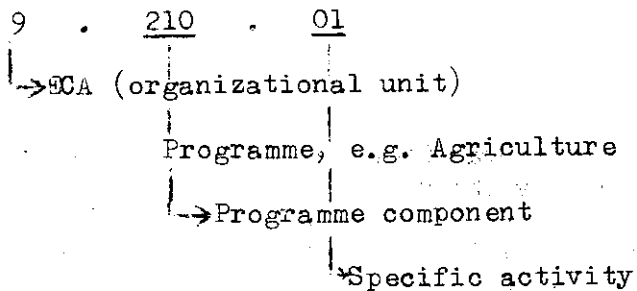
In keeping with the request of the Economic and Social Council^{1/} that the functional classification of activities during the decade, should be reflected, the relevant Council classifications are indicated under each programme sector as follows:

- A. Broad issues and techniques relating to development;
- B. Development and utilization of human resources;
- C. Development and conservation of physical resources;
- D. Development of essential services.

Under each main project or programme component, the work programme is arranged under four headings representing the main fields of activity of the Commission. These are: (a) technical assistance to countries and territories; (b) economic and social research studies; (c) collection and dissemination of information; and (d) organization of conferences, seminars, training courses and expert working groups.

As will be noticed, the secretariat has introduced as from 1 January 1974 the universal United Nations project coding system in which the organizational unit (ECA) is represented by 9 as from 1976, followed by the programme or sector in question, programme component and finally by the specific activity in that order.

^{1/} Document E/3928 "Work Programme in the Economic, Social and Human Rights Fields, Report by the Secretary-General", submitted to the thirty-seventh session of the Council, summer 1964.



The details of the work programme for 1976-1979 are provided in the following pages. In addition, the broad features of some of the programmes are set out below.

Agriculture

The efforts of ECA in the agricultural sector during the 1976-1979 medium-term period will include: seeking ways and means by which subregional co-operation and the expansion of intra-regional 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 reorganization of existing institutions, or 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

During the 1976-1979 medium-term period, 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 during the 1976-1979 medium-term period 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

During the 1976-1979 plan period, 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

During the plan period 1976-1979, 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

During the 1976-1979 medium-term period, 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 over-all 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

During the plan period 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

During the plan period 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 inter-relationship 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

During the medium-term period, 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 during the 1976-1979 medium-term period 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

During the 1976-1979 plan period 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, secretaryship 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

During the plan period 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

During the 1976-1979 medium-term period, 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 during the plan period 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.

9.210 AGRICULTURE

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.211 Agricultural development through trade expansion and multinational co-operation

Origin:

ECOSOC resolution 1352(XLV); Fifth, Sixth and Eighth FAO Regional Conferences for Africa; Commission resolutions 152(VIII) and 201(IX)

Project aim:

To promote agricultural development and expansion of agricultural production through partial specialization based on ecological complementarity and comparative advantage and through maximizing subregional and intra-regional co-operation and trade.

Priority A

Work content:

9.211.01 (a) Assistance to countries and territories (1976-1979):

Assisting groups of two or more countries to reach medium-to-long term agreements on the expansion and exchange of basic commodities through "complementarity agreements" backed by basic studies, project formulation and investment research; and assistance to member Governments in formulation and reformulation of agricultural development and trade policies as components of dynamic growth.

(b) Studies:

9.211.02 Continuation of in-depth studies on subregional and intra-regional co-operation and trade in agriculture with increased investment and development orientation and with special priority given to drought-affected and least developed countries: West Africa (1976-1977), Central Africa (1976-1977) and North Africa (1977-1978);

9.211.03 Continued participation in and support to the FAO programme of country perspective studies as a link and foundation of the studies on intra-regional co-operation;

- 9.211.04 Undertaking studies on specific commodities as related to the overall programme or contributing to the strength and promotion of intra-regional co-operation.
- (c) Collection and dissemination of information:
- 9.211.20 Continued contribution to the ECA "Economic Bulletin for Africa" and the FAO "State of Food and Agriculture" (SOFA);
- 9.211.21 Agricultural Economics Bulletin for Africa.
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.211.26 Seminar on agriculture and economic development in Africa (1976);
- 9.211.27 Seminar on agriculture and long-term regional integration in Africa (1977);
- 9.211.28 Expert meeting on agricultural development planning as related to intra-regional trade (1978).

Related programmes:

Collaboration with FAO Policy Analysis, Commodities and Statistics Divisions, with FAO Regional Offices for Africa and the Near East, with UNCTAD, UNIDO and ECA Trade Division.

- 9.212 Livestock development

Origin:

ECOSOC resolution 1257(XLIII); Commission resolutions 57(IV), 141(VII) and 201(IX); FAO Regional Conferences; Regional Livestock Commission's Meeting (Kinshasa - 1969).

Project aim:

To assist Governments in formulating their integrated national livestock development plans, facilitate regional agreements, and co-ordinate and concentrate efforts aimed at improving livestock production, processing and marketing and in meeting world's growing demand for meat and finding Africa a permanent place in the world market.

Priority A

Work content:

9.212.01 (a) Assistance to countries and territories (1976-1979):

Identify major constraints to national and regional livestock development; identify and formulate national and regional projects; and advising on the economic and social aspects of intra-regional livestock development schemes.

(b) Studies:

9.212.02 Assess livestock production and potential and major constraints to development in subregions (1976-1978);

9.212.03 Identification of areas suitable for intensive high technology livestock development in Africa (1976-1977).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.212.26 Expert group (exporters and importers) on the development of an export-oriented meat industry in Africa (1976);

9.212.27 Seminar on "integrated livestock development in West Africa" (1977);

9.212.28 Seminar on trade aspects of livestock development in Africa.

Related programmes:

Linkage with projects 9.211, 9.213 and 9.214

Close collaboration with FAO Animal Production and Health, Commodities and Policy Analysis Divisions as well as with FAO Intergovernmental Working Group on Meat and the FAO Investment Centre; STRC of the OAU, OCAM, Conseil de l'Entente, the International Centre for Livestock Development, etc. and with ECA Trade and Human Resources Divisions.

9.213 Long-term development in the West African Sahel

Origins:

Resolution No. 2 of the ninth meeting and resolution No's 1, 2 and 3 of the tenth meeting of the ECA Executive Committee; ECOSOC resolutions 1759(LIV) and 1797(LV); General Assembly resolution 3054(XXVIII); and resolution 1/73 of the 7th FAO Conference.

Project aim:

To continue participation in the definition of a long-term development strategy and to assist drought-affected countries in the formulation and implementation of national and regional development plans aimed at the gradual but radical transformation of their economies through widening their economic bases and laying strong foundations for balance and dynamic growth, within the framework of a United Nations co-ordinated effort and in close collaboration with the Permanent Inter-State Committee.

Priority A

Work content:

9.213.01 (a) Assistance to countries and territories (1976-1979):

Assisting the seven drought-affected countries, individually and united, through their inter-State Committee (CILSS) in project and programme formulation for medium- and long-term development; and contributing to the technical strengthening of the (CILSS).

(b) Studies:

9.213.02 Continue contributing to the long-term perspective and sectoral studies undertaken jointly by the UN System;

9.213.03 Develop on-going ECA studies in the Sahel into more depth and integration, and formulate specific development programmes out of those studies for which ECA has had exclusive responsibility especially in the fields of transport and communications;

9.213 04 Carryout any other studies which the UN System and/or the (CILSS) may entrust on the Commission;

9.213.05 Undertake joint studies or operational plans with other UN, African or bilateral agencies contributing to the above objectives.

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

9.213.26 Participate in meetings called for by the UN System or the Inter-State Committee aimed at long-term development of the Sahel; and provide secretariat facilities, wherever possible, to all such meetings.

Related programmes:

Co-ordinated UN System's contribution through the UN Special Sahelian Office; commitment of all Niamey UNDAT resources; ECA Inter-sectoral co-ordination through the Inter-Divisional Working Group on Drought; and functional and logistic links with projects 9.211, 9.212 and 9.213.

9.214 African food security and long-term food development plan

Origin:

Resolution No. 1 of tenth meeting of the Executive Committee of ECA; resolutions 1831(LV) and 3180(XXVIII) of ECOSOC and the General Assembly; and resolution No. 3/73 of the 17th FAO Conference.

Project aim:

To stimulate food production and consumption per capita by improving productivity and storage and by expanding production and to minimize the effects of food crises by the establishment of buffer stocks at national and regional level. Formulation of an African long-term "Food Development Plan" with sufficient emphasis on the contribution of abundant, relatively inexpensive and locally produced basic food commodities (cereal grains, vegetable oils, meat and milk) on sustained economic growth. Follow-up of the recommendations and resolutions of the World Food Conference.

Priority A

Work content:

9.214.01 (a) Assistance to countries and territories (1976-1979):

Consolidate existing and on-going studies on national and regional food storage reserves and prepare implementation and investment-oriented plans thereof; intensify the war on waste of food materials and improvement of food distribution systems; developing food security policies and institutional frameworks which will help to lessen the effects of national disasters, giving high priority to the West African drought-affected Sahel; identification of countries and groups of countries with potential surplus and deficit food production; and identifying constraints to an finding practical solutions for transport and trade in basic food commodities within and between countries.

(b) Studies:

9.214.02 Prepare investment-oriented operational plans from existing national and regional studies on food storage;

9.214.03 In-depth analysis of selected food commodities of intra-regional interest (1976-1979);

9.214.04 Undertake a comprehensive study on "Food Production and Economic Growth" based on a representative sample of African countries (1976);

9.214.05 Case studies of operating farm units, marketing channels and the uses and potentialities of basic agricultural inputs.

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.214.26 Workshop on food production, storage and marketing for the countries of the Sudano-Sahel (1976);

9.214.27 Seminar on the share of Africa in a world food security and long-term food development plan with special reference to the World Food Conference (1976).

Related programmes:

Functional links with projects 9.211, 9.212, 9.213 and 9.215; close links with FAO related programmes; joint studies with the Permanent Secretariat of the World Food Conference, WARDA, UNCTAD, UDEAC, UNDATs, and relevant ECA Divisions.

9.215 Structure and organization of agricultural services and institutions

Origin:

ECOSOC resolution 1213(XLII) and 1495(XLVIII); report on the first session of the Commission; Commission resolution 101(VI) and 152(VIII); resolution 13163 of FAO Conference, first and third FAO Regional Conferences for Africa; Tenth Meeting of ECA Executive Committee.

Project aim:

Improvement of agricultural institutions and services and of the structure and organization of agricultural sectors and their administrative machinery, and harmonization of intra-sectoral functions and relationships; improvement of agricultural project management and efficiency.

Priority A

Work content:

9.215.01 (a) Assistance to countries and territories (1976-1979):

Extending advice to member Governments, on request, for undertaking any of the above functions within the framework of their national and regional goals and objectives; support in the field of agricultural research and in promoting co-operation in research on ecological basis, co-ordinated studies and programmes with UNDATs and multinational groupings; participation in 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; the creation and promotion of pan-African "Agricultural Producers' Associations"; contribute to the promotion and co-ordination of the activities of the non-Governmental Organizations (N.G.O.'s); support the promotion and development of semi-operational multinational projects such as the West African Rice Development Association (WARDA) etc.; promote the case for and the operational and planning aspects of integrated rural development; and continued contribution to the ILO-based studies on employment and economic development in selected countries.

(b) Studies:

- 9.215.02 Management efficiency studies for selected agricultural enterprises;
- 9.215.03 A comparative study of public agricultural projects and enterprises in selected countries;
- 9.215.04 Continued studies on agrarian structures and reform policies in Africa with priority to the influence of modernized methods and techniques of farming on agrarian and production relationships. These studies should as far as possible be undertaken on comparative basis considering groups of two or more countries of similar agrarian structures.

(c) Collection and dissemination of information:

- 9.215.20 "Rural Development Newsletter" (see project 9.533.21).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.215.26 Seminar on agrarian policies and economic development in Africa (1976);
- 9.215.27 Workshop on settlement of nomads and the development of natural resources in Africa (1977);
- 9.215.28 Seminar on African experiences and progress in co-operation in the field of agricultural research and education (1978).

Related programmes:

Functional links with projects 9.211, 9.212 and 9.213
Close collaboration and joint work with UNDATs, UDEAC and other Regional Groupings, specially WARDA, CILSS, NGO's, bilaterals and related African institutions and relevant ECA Divisions.

MAN MONTH REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

AGRICULTURE

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.211	Agricultural Development through trade expansion and multinational co-operation.										
9.211.01		6	-	-	4	-	10	-	-	4	4
9.211.02		14	-	36+20	20		14	-	36+22	19	
9.211.03		2	-		2	1	2	-		2	1
9.211.04		5	-		4	2	4	-		4	2
9.211.20		1	-		1	2	2	-		1	2
9.211.21		2	-		2	2	1	-		2	2
9.211.26		2	-		1	4	-	-		-	4
9.211.27		-	-		-	-	2	-		2	1
9.212	Livestock development										
9.212.01		2	-		2	1	3	-		4	2
9.212.02		8	-	30+11	10		6	-	10+5	8	
9.212.03		4	-		4	2	2	-		4	2
9.212.26		2	-		2	2	-	-		-	-
9.212.27		-	-		-	-	1	-		2	2
9.213	Long-term development in the West African Sahel										
9.213.01		4	-		4	2	8	-		4	2
9.213.02		4	-	4+6	4		4	-		6	4
9.213.03		6	-		4	2	4	-	8+4	6	
9.213.04		6	-		4	3	4	-		2	2
9.213.05		4	-		2	4	4	-		6	4
9.213.26		2	-		2	2	4	-		2	2
9.214	African food security and long-term food development plan										
9.214.01		6	-		6	2	6	-		6	4
9.214.02		4	-		6	5	4	-	8+4	6	
9.214.03		4	-	2+4	2		4	-		6	2
9.214.04		2	-		2	2	-	-		-	-
9.214.05		8	-		4	6	6	-	8+6	2	
9.214.26		2	-		2	2	-	-		-	-
9.214.27		2	-		4	2	-	-		-	-

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.215	Structure and Organization of Agricultural Services and Institutions										
9.215.01		6	-		5	4	11	-		4	5
9.215.02		2	-		2	2	2	-		2	3
9.215.03		8	-		4	4	10	-		8	4
9.215.04		6	-		2	2	6	-		2+4	2
9.215.20		2	-		2	2	2	-		2	2
9.215.26		4	-		2	2	-	-		-	-
9.215.27		-	-		-	-	4	-		2	2
Programme Management		14	-		12	20	14	-		12	20
Total:		144	-		72+132*	120	144	-		72+132*	120

* FAO plus 72 mm from UNDP and Bilateral sources.

11.240 DEVELOPMENT PLANNING, PROJECTIONS AND POLICIES

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.241 Development trends, requirements and possibilities

Origin:

Commission terms of reference, first session report, tenth session report.

Project aim:

To present an analysis and a review of economic trends and development and an annual appraisal of progress during the Second Development Decade, in the context of implementing both the international and the regional development strategies.

Priority A

Work content:

9.241.01 (a) Assistance to countries and territories (1976-1979):

Undertaking advisory missions to member States, on request, in the field of economic surveys; maintaining liaison with universities, economic and social research institutes and national organizations responsible for national economic surveys; and assisting in the training of personnel and organization of a regular programme for the conduct of economic surveys.

(b) Studies:

9.241.03 Annual survey of the socio-economic conditions of Africa, Part I - in the year of review and appraisal - (1977-1979) this study will be replaced by 9.241.05;

9.241.04 Study on methods of quantifying social factors and the assessment of their role in the development of national economies (1976);

9.241.05 Review and appraisal of the objectives and policies of development during the 1970s (1976-1979);

9.241.06 Annual study of a specific development problem using the countries of the region as a basis of comparison (1976-1979).

(c) Collection and dissemination of information:

- 9.241.20 Survey of Economic Conditions, Part I. Publication of (see Project 9.241.03);
- 9.241.21 Publication of the report on review and appraisal (to replace 9.241.20 in the year of review and appraisal - 1977, 1979);
- 9.241.22 Survey Part II (Publication of study 9.241.06) (1976-1979).

Related programmes:

Close collaboration with CDPFP and all ECA Divisions and sections. Economic Bulletin for Africa (bi-annual).

9.242 Planning and programming

Origin: ECOSOC resolutions 916(XXXIV), 924(XXXIV), 979(XXXVI), 1035(XXXVII), 1079(XLI) and 1175(XLI); 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), 117(VI), 145(VII), 197(IX) and 218(X); Planners' Conference reports.

Project aim:

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

Priority A

Work content:

- 9.242.01 (a) Assistance to countries and territories (1976-1979):
- Providing advisory services to member countries, on request, in the field of development planning and projections; and maintaining liaison with central planning organs, universities and other planning institutions and organizations.
- (b) Studies:
- 9.242.03 Preparation of projections for African countries for the period 1981-1990 (1978-1979);
- 9.242.05 Analysis of African development plans (1976-1979);
- 9.242.06 Sectoral planning in African development programmes (1976-1979);

- 9.242.07 Study into the theoretical viability and applicability of the idea of "Pôles de développement" as instrument for the integration of national economies (1976);
- 9.242.08 Development of overall planning techniques and models suitable for African conditions in the light of country practices (1978-1979);
- 9.242.10 Study into the methodology of data collection, storage and retrieval for comprehensive regional planning (1978-1979).

(c) Collection and dissemination of information:

- 9.242.20 Economic Bulletin for Africa (1976-1979);
- 9.242.21 Planning Newsletter (1976-1979);

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.242.26 Conference of African Planners (1976-1978);
- 9.242.27 Training workshops in the techniques of planning (1977-1979).

Related programmes:

Close collaboration with specialized agencies, CDP, IDEP, Planners Conference, All ECA Divisions and Sections. Review of current economic trends and developments, planning Newsletter, Economic Bulletin for Africa.

- 9.243 Development prospects and the special problems of the least developed African countries and the measures to promote their development

Origin:

General Assembly resolution 2564(XXIV) and 2803(XXVI), UNCTAD resolution 24(II); Commission report of the Tenth Session; Commission resolutions 210(IX), 218(X), 222(X) and 232(X).

Project aim:

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

Priority A

Work content:

9.243.01 (a) Assistance to countries and territories (1976-1979):

Identifying the special problems of least developed African countries and provide advisory services; formulating proposals and recommendations on measures for over-coming specific impediments to their socio-economic development.

(b) Studies:

9.243.02 Studies of the socio-economic characteristics of the least developed African countries, their specific needs and the recommendation of measures for the improvement of their development opportunities (1976-1979).

Related programmes:

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

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

DEVELOPMENT PLANNING, PROJECTIONS AND POLICIES

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.241.01	Assistance to countries and territories	6	-	-	-	2	8	-	-	-	2
9.241.04	Study on methods of quantifying social factors and the assessment of their role in the development of national economies	8	-	-	-	4	6	-	-	-	2
9.241.05	Review and appraisal of the objectives and policies of development during the 1970s	36	-	-	-	18	24	-	-	-	16
9.241.06	Annual study of a specific development problem using African countries as a basis for comparison	-	12	-	-	-	-	12	-	-	-
9.241.20	Survey of Economic Conditions in Africa, Part I	24	-	-	-	16	24	-	-	-	12
9.241.21	Publication of the report on review and appraisal of progress during the Second Development Decade	-	-	-	-	-	6	-	-	-	4
9.241.22	Survey of Economic Conditions in Africa, Part II	2	-	-	-	6	2	-	-	-	6
9.242.01	Assistance to countries and territories	6	-	-	-	2	8	-	-	-	2
9.242.05	Analysis of African Development Plans	18	-	-	-	8	18	-	-	-	8
9.242.06	Sectoral Planning in African Development Programmes	18	-	-	-	10	30	-	-	-	10

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.242.07	Study into the theoretical viability and applicability of the idea of "pôles de développement" as instrument for the integration of national economies	4	-	-	-	2	-	-	-	-	-
9.242.20	Economic Bulletin for Africa	4	-	-	-	4	4	-	-	-	6
9.242.21	Planning Newsletter	4	-	-	-	2	4	-	-	-	2
9.242.26	Conference of African Planners	12	-	-	-	8	8	-	-	-	6
9.242.27	Training workshops in the techniques of planning	-	-	-	-	-	12	-	-	-	6
9.243	Development prospects and the special problems of the least developed African countries and the measures to promote their development	6	-	-	-	2	6	-	-	-	2
Programme management and support		8	-	-	-	12	8	-	-	-	12
Total:		156	12	-	-	96	168	12	-	-	96

9.244 ECONOMIC CO-OPERATION

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.245 Identification, appraisal, promotion of economic co-operation opportunities and strategies

Origin:

General Assembly resolution 2563(XXIV); ECOSOC resolution 1442(XLVII); UNCTAD resolution 23(II); Commission terms of reference; Commission resolutions 19(II) and 21(IX); African Declaration on Co-operation, Development and Economic Independence, Abidjan, 12 May 1973.

Project aim:

To apprise Governments of the possible ranges of options in economic co-operation schemes and to promote arrangements for appropriate multinational action.

Priority A

Work content:

9.245.01 (a) Assistance to countries and territories (1976-1979):

In formulation of alternative integrated strategies for economic co-operation and investigation of different forms of machineries for implementation of specific multinational projects in economic co-operation among groups of countries and intergovernmental organizations, as well as preparing position papers and servicing meetings of such organizations.

(b) Studies:

9.245.03 The role of economic co-operation in the development of rural sector (1976-1977);

9.245.07 Excess capacity in some sectors in the Africa region and proposals for coping with the situation (1978-1979);

9.245.08 Human resources and capital movement and economic co-operation in Africa: East Africa (1976); Central Africa (1976-1977); and North Africa (1976-1977).

(c) Collection and dissemination of information:

9.245.21 Manual on Economic Co-operation Cost-Benefits (1976, 1978).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.245.28 Meeting on human resources and capital movement and economic co-operation (1978);

9.245.29 Meeting on the role of economic co-operation in the development of the rural sector (1978);

9.245.30 Meeting on excess capacity in some sectors in the Africa region (1979).

Related programmes:

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

9.246 Organizational, institutional and other problems of African economic co-operation

Origin:

General Assembly resolution 2563(XXIV); ECOSOC resolution 1442(XLVII); Commission resolutions 19(II) and 211(IX).

Project aim:

To assist Governments and ECA Divisions in adopting appropriate and co-ordinated policies and measures and making arrangements for undertaking effective economic co-operation.

Priority A

Work content:

9.246.01 (a) Assistance to countries and territories (1976-1979):

In establishing or reforming existing institutions for negotiations and serving as a clearing house on information relating to African economic co-operation in general.

(b) Studies:

- 9.246.02 Appraisal of multinational co-operation in Africa (1978-1979);
- 9.246.04 Indigenous African multinational enterprises as instruments for promoting economic co-operation (1976-1977).

(c) Collection and dissemination of information:

- 9.246.20 Directory of African Intergovernmental Organizations (1976, 1978).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.246.27 Seminar for executives of "Indigenous African multinational enterprises as instrument for promoting economic co-operation (1977).

Related programmes:

Collaboration with ILO, OAU, CDPFP, UNIDO, UNCTAD, other United Nations agencies and relevant ECA Divisions.

- 9.247 Management and co-ordination of the activities of the United Nations Multi-disciplinary Teams (UNDATs)

Origin:

General Assembly resolution 2563(XXIV); ECOSOC resolution 1442(XLVII); and Commission resolution 241(XI).

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.

Priority A

Work content:

- 9.247.01 (a) Assistance to countries and territories (1976-1979):

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 performance of UNDATs programme; documentation and servicing of meetings of UNDATs.

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.247.26 Annual Intergovernmental Programme Review Committee Meetings of UNDATs, 1976, 1977, 1978, 1979.

Related programmes:

Close collaboration with CDPPP, UNIDO, UNCTAD, other United Nations agencies, ADB, OAU, African Inter-governmental organizations, and ECA Divisions.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

ECONOMIC CO-OPERATION

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.245.01	Assistance to countries and territories (1976-1977)	7	-	-	2	12	7	-	-	2	10
9.245.03	Role of economic co-operation in the development of the rural sector	7	-	-	2	10	10	6	-	2	12
9.245.21	Manual on Economic Co-operation Cost Benefits	5	-	-	-	-	4	-	-	-	-
9.246.01	Assistance to countries and territories (1976-1977)	6	-	-	2	11	6	-	-	2	12
9.246.04	Indigenous African multinational enterprises as instruments for promoting economic co-operation	13	6	-	-	-	10	6	-	-	9
9.246.20	Directory of African Intergovernmental Organizations (1976-1977)	3	-	1	2	3	-	-	-	1	2
9.247.01	Management and co-ordination of UNDATs activities	10	-	5	-	15	15	-	-	5	15
9.247.26	Annual Intergovernmental Programme Review Committee meetings of UNDATs	3	-	-	-	-	3	-	-	-	-
Programme Management and Support		6	-	-	-	-	6	-	-	-	-
Total:		60	6	-	12	60	60	6	-	12	60

9.260 EDUCATION AND TRAINING

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

9.261 Training for development

Origin:

Commission resolutions 82(V), 110(VI), 125(VII), and 202(IX); African Declaration on Co-operation, Development and Economic Independence of May 1973.

Project aim:

To assist member States in their effort to reform and develop their educational and training systems in order to meet the requirements of economic and social development. Undertaking studies, organizing training courses and workshops and providing advisory services designed to promote functional education, develop local institutional and staff capability for personnel training through skill up-grading programmes for African instructors and trainers, and encourage the co-ordination and harmonization of training policies and programmes at the national level, and at promoting intra-African co-operation in the development and utilization of educational and training facilities.

Priority A

Work content:

9.261.01 (a) Assistance to countries and territories (1976-1979):

In promoting the development of vocational training and assisting with the training of vocational and technical instructors; in establishing liaison with African universities and other third-level educational and training institutions to promote more effective, functional or development-oriented education and training programmes; in assisting with the comprehensive review of national education and training systems and promoting the localization of professional qualifications and training; in co-operating with appropriate organizations to foster intra-African co-operation in developing specialized training and research centres or institutes; in promoting multinational co-operation in training research and the establishment of subregional or multinational centres for instructional materials development; in promoting national

and regional associations for training and development; and in promoting national organizations and institutional machinery for the co-ordination and development of training policies and programmes.

(b) Studies:

- 9.261.02 Evaluation study of innovative developments with special reference to functional education in African universities and post-secondary institutions related to manpower development (1978-1979);
- 9.261.03 Study of the development and effectiveness of pre-vocational programmes in Africa lower and middle-level educational system (1976-1977);
- 9.261.05 Case studies in training for industrialization (1978-1979);
- 9.261.08 Study of innovations and programme effectiveness in non-formal educational and training programmes for manpower development (1976-1977);
- 9.261.09 Studies of achievements, possibilities and constraints in intra-African co-operation in the development and utilization of higher educational and specialized training facilities: 1976-1979 - (i) East and Southern Africa (1976); (ii) West Africa (1977); (iii) North Africa (1978); (iv) Central Africa (1979);
- 9.261.10 Case studies in training for rural transformation and agricultural modernization (1976-1977);
- 9.261.11 Comparative studies of educational policies and programmes for rural development in selected African countries-experiences, problems and effectiveness in aiding rural modernization (1976-1978);
- 9.261.12 Review of developments and problems in Africa's educational reform to meet development needs as a suggestive basis for further reforms in educational structure and content (1977-1978);
- 9.261.13 Evaluation study of the effectiveness and adequacy of technical education policies and programmes in relation to technical manpower requirements (all sectors and levels) in selected African countries (1978-1979).

(c) Collection and dissemination of information:

- 9.261.20 Course materials (1976-1979);
- 9.261.21 Monographs on training for development (1976-1979);
- 9.261.22 Training Newsletter (1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.261.27 ECA/AACE Training Workshops for correspondence education course writers and administrators (1976-1979);
- 9.261.28 National/Subregional workshops on training methods and the use of instructional materials and equipment for instructors of training institutions and in-service training centres (1976-1979);
- 9.261.30 Subregional and national workshops on the development and production of instructional materials (1976-1979);
- 9.261.31 Regional workshops and exhibitions on training materials development and equipment (1976 and 1979);
- 9.261.32 Regional workshops for Industrial Training Officers on technical skills training for industrialization (1977-1979) (ECA/UNIDO/ILO);
- 9.261.33 Conferences of African Associations for Training and Development (1977 and 1979);
- 9.261.34 Subregional and national programmes for the training of commercial instructors and senior secretaries (1976-1979);
- 9.261.35 Subregional programmes/institutes for the training of technical and vocational instructors (1976-1979) (ECA/UNESCO/ILO).

Related programmes:

Collaboration with UNESCO will be pursued with a view to evolve and develop an ECA/UNESCO joint work programme for concerted action in areas of common interest. Close collaboration will also be maintained with the ILO, UNITAR, CAFRAD and other international organizations and bilateral agencies having educational and training programmes in Africa as well as with the substantive divisions of ECA secretariat in the development of their training programmes.

9.262 Fellowship programme and training facilities

Origin:

Commission resolutions 77(V), 123(VII), 125(VII) and 173(VIII); African Declaration on Co-operation, Development and Economic Independence of May 1973 relating to Human Resources.

Project aim:

To develop and administer bilateral scholarship and fellowship programme for training Africans in priority areas of manpower requirements; organize in-service training programmes in the secretariat at ECA for African officials and students, and promote intra-Africa co-operation in the utilization of available educational and training facilities within the region for training nationals of other African countries.

Priority A

Work content:

9.262.01 (a) Assistance to countries and territories (1976-1979):

In obtaining, co-ordinating, administering and developing bilateral scholarships and fellowships made available to member States through the Commission; in disseminating information on training and fellowship facilities; in promoting intra-African co-operation in the utilization of any excess capacity in educational and training facilities; in organizing in-service training programmes at ECA Headquarters for African economists, statisticians and related professions as well as co-ordinating operational research programmes of students for attachment training; and in assisting to develop and administer the World Bank/ADB/IDEP/ECA training courses in project analysis.

(b) Studies:

9.262.02 Evaluation studies and reports on ECA co-ordinated bilateral scholarship and fellowship programme, including evaluation of reports by former fellows and their employers (1976-1979).

(c) Collection and dissemination of information:

- 9.262.20 Training Information Notice (Quarterly) (1976-1979);
- 9.262.21 Bulletin on ECA Training Programmes (Half-yearly)
(1976-1979);
- 9.262.22 Information on Training Facilities (1976-1979);
- 9.262.23 Monographs on specific areas of training facilities
(1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.262.26 Regional seminar for training administrators and
fellowship officers (1978).

Related programmes:

Close collaboration with the United Nations Headquarters (OTC), UNITAR, other United Nations agencies as well as with African and non-African donor Governments and organizations, including educational and training institutions, and with the Association of African Universities, in the development and co-ordination of various scholarship and fellowship programmes for training Africans. Also collaboration with all ECA substantive Divisions in the development of in-service training and fellowship programmes.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

EDUCATION AND TRAINING

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.261.01	Assistance to countries and territories (1976-1977)	6	-	10	6	3	6	-	9	6	2
9.261.03	Study of the development and effectiveness of pre-vocational programmes in African lower and middle-level educational system (1976-1977)	4	-	-	12	3	4	-	-	12	2
9.261.08	Study of innovations and programme effectiveness in non-formal educational and training programmes for development (1976-77)	8	-	-	-	2	4	-	-	-	1
9.261.09	Studies of achievements, possibilities and constraints in intra-African co-operation in the development and utilization of higher educational and specialized training facilities: (i) East and Southern Africa (1976); (ii) West Africa (1977)	6	-	-	-	1	6	-	-	-	1
9.261.10	Case studies in training for rural transformation and agricultural modernization (1976-1977)	-	6	-	-	1	-	3	-	-	1
9.261.11	Comparative studies of educational policies and programmes for rural development in selected African countries-experiences, problems and effectiveness in aiding rural modernization (1976-1977)	3	-	-	6	2	3	-	-	6	2

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.261.12	Review of developments and problems in Africa's educational reform to meet development needs as a suggestive basis for further reforms in educational structure and content (1977)	-	-	-	-	-	1	3	-	-	1
9.261.20	Course materials (1976-1977)	2	-	-	-	1	2	-	-	-	1
9.261.21	Monographs on training for development (1976-1977)	2	-	-	-	1	2	-	-	-	1
9.261.22	Training Newsletter (1976-1977)	2	-	-	-	1	2	-	-	-	1
9.261.27	ECA/AACE Training workshops for correspondence education course writers and administrators (1976-1977)	3	-	-	-	1	3	-	-	-	1
9.261.28	National/Subregional workshops on training methods and the use of instructional materials and equipment for instructors of training institutions and in-service training centres (1976-1977)	6	-	-	-	1	6	-	-	-	2
9.261.30	Subregional and national workshops on the development and production of instructional materials (1976-1977)	4	-	-	-	1	4	-	-	-	1
9.261.31	Regional workshops and exhibitions on training materials development and equipment (1976)	4	-	-	-	1	-	-	-	-	-
9.261.32	Regional workshops for Industrial Training Officers on technical skill training for industrialization (1977) (ECA/UNIDO/ILO)	-	-	-	-	-	4	-	1	-	1

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.261.33	Conferences of African Associations for Training and Development (1977)	-	-	-	-	-	4	-	-	-	1
9.261.34	Subregional and national programmes for the training of commercial instructors and senior secretaries (1976-1977)	4	-	-	18	1½	4	-	-	18	1½
9.261.35	Subregional programmes/institutes for the training of technical and vocational instructors (1976-1977) (ECA/UNESCO/ILO)-	-	-	2	-	½	-	-	2	-	½
9.262.01	Assistance to countries and territories (1976-1977)	21	-	-	-	35	21	-	-	-	35
9.262.02	Evaluation studies and reports on ECA co-ordinated bilateral scholarship and fellowship programme, including evaluation of reports by former fellows and their employers (1976-1977)	2	-	-	-	1	2	-	-	-	1
9.262.20	Training Information Notice (quarterly) (1976-1977)	1	-	-	-	8	1	-	-	-	8
9.262.21	Bulletin on ECA Training Programmes (half-yearly) (1976-1977)	1	-	-	-	2	1	-	-	-	2
9.262.22	Information on Training Facilities (1976-1977)	2	-	-	-	1	2	-	-	-	1
9.262.23	Monographs on specific areas of training facilities (1976-1977)	3	-	-	-	1	3	-	-	-	1
Total:		84	6	12	42	69	84	6	12	42	69

9.290 HUMAN SETTLEMENTS

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9 291 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:

9.291.01 (a) Assistance to countries and territories (1976-1979):

Promotion of training facilities for physical planning personnel through field projects, seminars or handbooks; establishment of administrative and executive physical planning units and their effective co-ordination with and integration into other agencies responsible for social and economic planning; formulation and implementation of national housing policies and programmes.

(b) Studies:

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);

9.291.07 Preparation and follow-up actions in connexion with UN Conference/Exposition - Habitat 1976 - in Vancouver, Canada (1976-1979).

(c) Collection and dissemination of information:

9.291.20 "Human Settlements Newsletter" (1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.291.28 Training courses in housing administration at Ministry and executing agency level (1976-1977).

Related programmes

Close collaboration with WMO, United Nations Centre for Housing, Building and Planning will be continued. Also the ECA/FAO Joint Agriculture Division, Human Resources Development Division, Statistical Division and ECA/WHO Liaison Office would collaborate, the first with regard to 9.291.01 above, and the second with regard to the provision of rural sanitary facilities.

9.292 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:

9.292.01 (a) Assistance to countries and territories (1976-1979):

Formulation and implementation of policies and strengthening of existing housing finance institutions; developing housing credit facilities through savings and loan associations, credit unions, and rural building loan schemes; establishing national housing banks for co-ordinating the use and mobilization of funds into urban and rural housing.

(b) Studies:

- 9.292.03 On rent policies and rent structure for housing and infrastructurally equipped plots and land (1976);
- 9.292.04 Technical and financial services fund for human settlements - evaluation of projects (1976-1979).

(c) Collection and dissemination of information:

- 9.292.20 Techniques for financing housing and urban development in Africa (1976-1979).

Related programmes:

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

- 9.293 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:

- 9.293.01 (a) Assistance to countries and territories (1976-1979):

Establishment of co-operative housing projects with special emphasis on site and service schemes; improvement of rural dwellings and community facilities and peri-urban dwellings and house designs; 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; and improvement and alleviation of conditions in slum and peri-urban squatter settlements.

(b) Studies:

9.293.02 Evaluation of pilot projects in co-operative and aided self-help housing (1976).

(c) Collection and dissemination of information:

9.293.20 Periodic review of trends in house-building costs;

9.293.21 Annual bulletin on house-building costs (1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.293.27 Training courses in the application of new national codes for building and land development (1976-1979).

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-operative and WHO in environmental sanitation

9.294 Building research and standardization

Origin:

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

Project aim:

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

Priority A

Work content:

9.294.01 (a) Assistance to countries and territories (1976-1979):

Encouraging collaboration in research programmes, exchange of information on results and application between existing research institutions and newly established sub-regional building centres specializing in reduction of costs; and measures for improving the organization and operations of African building contractors.

(b) Studies:

- 9.294.02 Review of performance and capacity of the construction industry in Africa (1976);
- 9.294.03 The Status and Prospects of the building material industries in Africa (1976-1977).

Related programmes:

Co-operation will be continued with the United Nations Centre for Housing, Building and Planning on a joint action programme to co-ordinate research, with existing research organizations in member States, and with bilateral institutions.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

HUMAN SETTLEMENTS

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.291.01	Assistance to countries and territories	5	-	-	-	2	4	-	-	-	1
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	1	-	-	4	1.5	2	-	-	4	1.5
9.291.05	Manual for Housing Administrators	1	-	-	4	1.5	1	-	-	3	1
9.291.06	Codes of practice for housing, building and physical planning	2	-	-	2	0.5	3	-	-	6	2.5
9.291.07	Preparation and follow-up actions in connexion with UN Conference/Exposition - Human Settlements - in 1976	1	-	-	2	-	-	-	-	2	-
9.291.20	Preparation of a publication entitled "Human Settlements Newsletter"	2	-	-	-	0.5	2	-	-	1	1
9.291.28	Training courses in housing administration	2	-	-	2	1	2	-	-	2	1
9.292.01	Assistance to countries and territories	-	-	6	8	4.5	-	-	6	8	4.5
9.292.03	Study of rent policies and rent structure for housing and cite and service schemes	-	-	2	-	0.5	-	-	2	-	0.5
9.292.04	Technical and financial services fund for human settlements - evaluation of projects	-	-	2	1	-	-	-	2	4	-

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.292.20	Collection and dissemination of information on techniques for financing housing	-	-	2	-	0.5	-	-	2	-	0.5
9.293.01	Assistance to countries and territories	5	-	-	5	2.5	7	-	-	3	2.5
9.293.02	Evaluation of pilot projects in co-operative and aided self-help housing	2	-	-	2	1	-	-	-	-	-
9.293.20	Periodic review of trends in house-building costs	2	-	-	1	1	2	-	-	1	1
9.293.21	Annual bulletin on house-building costs	3	-	-	2	1.5	3	-	-	2	1.5
9.293.27	Training courses in application of new national codes for building and land development	3	-	-	3	1.5	3	-	-	3	1.5
9.294.01	Assistance to countries and territories	3	-	-	5	2	3	-	-	5	2
9.294.02	Review of performance and capacity of the construction industry in Africa	2	-	-	2	1	2	-	-	2	1
9.294.03	Status and prospects of the building material industries in Africa	2	-	-	2	1	2	-	-	2	1
Total:		35	-	12	45	24	36	-	12	48	24

9.331 INDUSTRIAL DEVELOPMENT

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9.332 Industrial plans, policies and programmes

Origin:

General Assembly resolution 2626(XXV); Commission resolution 218(X); the African Declaration on Co-operation, Development and Economic Independence adopted by the General Assembly of Heads of State and Government of the OAU in May 1973; Declaration on African Industrial Development adopted by the First Conference of Ministers of Industry in May 1971; and the Declaration on Industrialization 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:

To promote appropriate policies and pursue effective actions for accelerating industrialization in Africa.

Priority A

Work content:

9.332.01 (a) Assistance to countries and territories (1976-1979):

In formulating national and multinational industrialization strategies and plans, policies and measures required to implement them; in conducting periodical appraisals of specific constraints of industrialization and recommending suitable remedial measures as required; in the promotion of suitable measures for developing African capabilities in export industries; advisory missions on review and appraisal at the country level; and identification and promotion of industrial development programmes in the least developed and land-locked countries in Africa.

(b) Studies:

9.332.02 Selective studies on the export competitiveness of African industries (1976-1979);

9.332.03 Relative prices of commodities and manufactures and their implications for the capacity to import manufactures (1976-1979);

9.332.04 Annual review and appraisal of progress in the industry sector (1976-1979);

- 9.332.05 Appraisal of policies, institutions and mechanisms used in Africa for the promotion of multinational industries (1977);
- 9.332.06 Selective studies on trends in the terms of trade between agriculture and industry (1976-1979);
- 9.332.07 Assessment of the prospects for sustained industrialization in Africa during the next decade in the light of changing conditions in international economic relationships (1978);
- 9.332.08 Study on steps taken and initiatives pursued for co-ordinating efforts of the intergovernmental and regional organizations in Africa with the object of promoting the establishment of multinational industries (1977);
- 9.332.09 Study on the need and feasibility of creating an "African Industrialization Agency" (1978).
- (c) Collection and dissemination of information:
- 9.332.20 Country fact sheets on industrial policies, programmes and institutions (1976-1979);
- 9.332.21 Summaries of industrial development plans (1976-1979);
- 9.332.22 Analytical abstracts of successful experiences in the formulation and implementation of specific industrialization policies (1976-1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.332.26 Biennial conferences of African Ministers of Industry (1977-1979);
- 9.332.27 Follow-up Committee on Industrialization in Africa (1976, 1978);
- 9.332.28 Multilateral consultations on multinational industries (1976-1979).
- Priority "B" projects
- 9.332.29 Expert working group on multinational industrial policies and programmes to review progress in approaches and procedures for establishing multinational industries and to mobilize bilateral and multilateral assistance for undertaking feasibility studies (1976).

Related programmes:

Collaboration with UNDP, FAO, ILO, UNACAST and all ECA Divisions.

9.333 Industrial project development and preinvestment programming

Origin:

General Assembly resolution 2626(XXV); Commission resolution 218(X); Africa's Strategy for Economic and Social Development adopted by the ECA Conference of Ministers in February 1971; the African Declaration on Co-operation, Development and Economic Independence adopted by the General Assembly of Heads of State and Government of the OAU in May 1973; Declaration on African Industrial Development adopted by the First Conference of Ministers of Industry in May 1971; and the Declaration on Industrialization 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:

To promote a constant flow of viable industrial projects for implementation at the national and multinational levels and to assist Governments in the screening and selection of those projects the implementation of which would respond optimally to national economic objectives.

Priority A

Work content:

9.333.01 (a) Assistance to countries and territories (1976-1979):

In identifying investment opportunities through industrial branch surveys; in preparing, evaluating and screening industrial projects; in conducting market research for specific industrial products within and outside the Africa region to enable the earliest implementation of import-substitution and export-promoting industries; in the calculations of industrial production costs; in the price and quality control of industrial machinery and equipment imported by African countries for implementing industrial projects; in the procedures required for making an appropriate choice of production techniques; in project implementation including the preparation and analysis of time profiles; and in formulating policies and programmes that foster the greater industrial processing of Africa's natural resources particularly of forestry, agricultural and mineral resources.

(b) Studies:

- 9.333.02 Identification preparation and evaluation (including commercial and economic viability) of selected national and multinational projects (1976-1979);
- 9.333.03 Appraisal of sectoral development strategies in light of new developments related to such factors as markets, technology, flow of external resources and external policies (1978-1979);
- 9.333.04 Review of problems of project implementation and assessment of progress or otherwise in reducing construction and installation costs in the manufacturing sector (1976);
- 9.333.05 Project studies for the least developed and land-locked countries in Africa (1976-1979);
- 9.333.06 Market research on selected industrial products in selected countries (1976-1979);
- 9.333.07 Study on the feasibility of establishing an "African Industrial Consulting Agency" (1976).

(c) Collection and dissemination of information:

- 9.333.20 Extracts of feasibility studies (1977-1978);
- 9.333.21 Project register (1976-1979);
- 9.333.22 Guidelines on forecasting techniques (1977).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

Priority "B" projects

- 9.333.26 Feasibility study for the creation of regional sectoral committees; forest and agriculture-based industries; construction industry; petrochemicals (1977-1978).

9.334 Industrial investment promotion services

Origin:

General Assembly resolution 2626(XXV); Commission resolution 218(X); Africa's Strategy for Economic and Social Development adopted by the ECA Conference of Ministers in February 1971; the African Declaration on Co-operation, Development and Economic Independence adopted by the General Assembly of Heads of State and Government of the OAU in May 1973; Declaration on African Industrial Development adopted by the First Conference of Ministers of Industry in May 1971;

and the Declaration on Industrialization 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:

To stimulate a constant and increasing flow of domestic and
external resources for the implementation of African
industrial projects.

Priority A

Work content:

9.334.01 (a) Assistance to countries and territories (1976-1979):

In promoting the creation and development of national
and multinational industrial promotion centres; and of
effective systems of industrial information services;
in developing contacts with potential investors for the
implementation of specific industrial projects; in
appraising arrangements for the implementation of industrial
projects involving the participation of foreign investors;
in promoting industrial co-operation between enterprises in
the industrialized and African countries; and in advising
on measures required for the harmonization of African
investment laws to provide the framework for the application
of uniform investment conditions.

(b) Studies:

9.334.02 Preparation of fact sheets on investment opportunities
(1976-1979);

9.334.03 Comparative analysis of operational industrialization
systems in African countries (1976);

9.334.04 Survey of African financial institutions to assess
their capacity to finance industry;

9.334.05 Survey of the factors influencing investment decision-
making in the public and private sectors with special
emphasis on strategic industries (1977);

9.334.06 Study of procedures and criteria for stimulating inter-
state investment in industrial enterprises (1977);

9.334.07 The multinational corporation, international co-
operation and African industrialization (1978).

(c) Collection and dissemination of information:

9.334.20 Directory of sources of financing including summaries of terms and conditions for securing industrial financing (1976);

9.334.21 Investment Promotion Newsletter (1976-1979);

9.334.22 Manual on alternative forms of organizing, incorporating and financing industrial enterprises (1977).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.334.26 Meeting of a panel of experts on foreign investment (1976).

Priority "B" projects

9.334.27 Meeting for the promotion of specific industrial projects (1976-1979);

9.334.28 Meeting of representatives of financial institutions for the purpose of reviewing policies and programmes that could enhance the most effective and equitable utilization of domestic and external resources to speed up industrialization in Africa (1978).

9.335 Development of rural and small-scale industries

Origin:

General Assembly resolution 2626(XXV); Commission resolution 218(X); Africa's Strategy for Economic and Social Development adopted by the ECA Conference of Ministers in February 1971; the African Declaration on Co-operation, Development and Economic Independence adopted by the General Assembly of Heads of State and Government of the OAU in May 1973; Declaration on African Industrial Development adopted by the First Conference of Ministers of Industry in May 1971; and the Declaration on Industrialization 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:

To foster the development of rural and small-scale industries as a means for expanding employment in non-agricultural activities, for stimulating African entrepreneurship and for integrating the national economy.

Priority A

Work content:

9.335.01 (a) Assistance to countries and territories (1976-1979):

In formulating and appraising strategies, policies and programmes for the development of rural and small-scale industries; in providing advisory services to promote the timely entry of African entrepreneurs into industrial activities; in identifying small-scale investment opportunities in rural and urban areas; in promoting the provision of industrial extension services to small-scale entrepreneurs; and in formulating plans and elaborating integrated programmes for the creation of demonstration plants and industrial estates and for the infrastructure required for stimulating a high level of small-scale industrial activity.

(b) Studies:

9.335.02 Preparation of a guide on centres established for the promotion of small-scale industries in African countries (1976);

9.335.03 Identification and elaboration of small-scale industrial investment opportunities (1976-1979);

9.335.04 Labour intensive industries and employment objectives (1976);

9.335.05 Study on the integration of the national economy through the decentralization of industrial activities to the rural areas (1977).

(c) Collection and dissemination of information:

9.335.20 Rural and Small-scale Industries Bulletin (1976-1979);

9.335.21 Guidelines for personnel engaged in the promotion of small-scale industries (1978).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.335.26 Consultation meeting of national associations of African industrialists (1976).

9.336 Industrial training and technology

Origin:

General Assembly resolution 2626(XXV); Commission resolution 218(X); Africa's Strategy for Economic and Social Development adopted by the ECA Conference of Ministers in February 1971; the African Declaration on Co-operation, Development and Economic Independence adopted by the General Assembly of Heads of State and Government of the OAU in May 1973; Declaration on African industrial Development adopted by the First Conference of Ministers of Industry in May 1971; and the Declaration on Industrialization 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:

To promote the accelerated development of industrial manpower and technology.

Priority A

Work content:

9.336.01 (a) Assistance to countries and territories (1976-1979):

In identifying shortage of skills required for industrialization and in formulating proposals for training programmes and projects in the field of industry; in designing and organizing training courses on various aspects of the problem of industrialization; in mobilizing assistance and providing management consultancy services to African industrial enterprises; in defining priorities and long-term programmes of action aimed at institution building, up-grading skills and formulation of policies for the acquisition and use of industrial technology; and in fostering intra-African technical, financial and technological co-operation in the field of industry and in identifying similar areas of co-operation with developing countries in other regions.

(b) Studies:

9.336.02 Preparation of training manuals in selected industrial sectors and specific industrial services (1976-1979);

9.336.03 Analytical surveys to determine the changing demand for industrial skills (1976-1979);

- 9.336.04 Survey of industrial technology in Africa and assessment of the capacity to assimilate, innovate and adapt imported technology (1977);
- 9.336.05 Review of the impact of labour-intensive, skill-intensive and capital-intensive technologies on African industrialization (1978);
- 9.336.06 Study on technology and concepts of economies of scale (1979);
- 9.336.07 Analytical summaries of successful experiences of training programmes and projects.
- (c) Collection and dissemination of information:
- 9.336.20 Directory of African industrial research and quality control establishments (1977);
- 9.336.21 Guidelines for the acquisition and use of industrial technology (1978).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):

Priority "B"

- 9.336.29 Seminars, workshops and training courses on selected topics and on selected industrial sectors - organized in co-operation with UNIDO, FAO, other national and international agencies and intergovernmental organizations in Africa (1976-1979).

Related programmes:

Close collaboration with UNIDO, UNDP, FAO, ILO and all ECA Divisions.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74
INDUSTRIAL DEVELOPMENT

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.332.01	Advisory missions on plans, strategies, programmes and appraisals	3	-	10	3	-	3	-	10	3	-
9.332.02	Studies on export competitiveness	6	-	-	-	-	4	-	-	-	-
9.332.03	Studies on relative prices of commodities and manufactures	5	-	-	-	-	4	-	-	-	-
9.332.04	Annual review and appraisal of industry	3	-	3	3	-	3	-	3	3	-
9.332.05	Appraisal of multinational industrial policies and approaches	-	-	-	-	-	6	-	-	-	-
9.332.06	Terms of trade between agriculture and industry	6	-	-	4	-	6	-	-	4	-
9.332.08	Review of co-operation in the field of industry between African organizations	-	-	-	-	-	6	-	-	-	-
9.332.20	Country fact sheets	6	-	-	5	-	4	-	-	4	-
9.332.21	Summaries of industrial plans	6	-	-	-	-	4	-	-	-	-
9.332.22	Analytical abstracts on policies	3	-	3	3	-	3	3	3	-	-
9.332.26	Biennial conferences of African Ministers of Industry	-	-	-	-	-	19	8	6	-	-
9.332.27	Follow-up Committee on Industrialization	5	6	2	-	-	-	-	-	-	-
9.332.28	Multilateral consultations on multinational industries	10	6	6	-	-	10	6	6	-	-

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.334.21	Investment Promotion Newsletter	7	-	3	1	-	6	-	4	5	-
9.334.22	Manual on industrial organization and financing	-	-	-	-	-	5	-	-	-	-
9.334.26	Panel of experts of foreign investment	4	-	4	-	-	-	-	-	-	-
9.335.01	Advisory missions on policies, programmes, projects and institutions	2	-	3	8	-	2	-	5	8	-
9.335.02	Guide on African centres for small-scale industries development	5	-	-	-	-	-	-	-	-	-
9.335.03	Identification of investment opportunities	-	-	3	9	-	-	-	3	9	-
9.335.04	Labour-intensive industries and the employment objective	6	-	-	-	-	-	-	-	-	-
9.335.20	Small-scale industries bulletin	4	-	1	-	-	4	-	1	-	-
9.335.26	Consultation meeting of associations of African industrialists	8	-	-	-	-	-	-	-	-	-
9.336.01	Advisory missions on skills and technology and development	3	-	22	6	-	2	-	13	6	-
9.336.02	Preparation of training manuals	4	-	2	6	-	9	-	-	6	-
9.336.03	Study on the changing demand for industrial skills	-	6	-	-	-	4	3	3	-	-
9.336.04	Survey of industrial technology in Africa	-	-	-	-	-	5	-	3	-	-
9.336.07	Summaries of successful experience in training programme	4	-	-	3	-	-	-	-	-	-
9.336.20	Directory of African industrial research establishments	-	-	-	-	-	3	-	-	3	-
Programme	Manadement and Support	4	-	-	-	-	6	-	-	-	-
Total:		168	18	132	120	120	168	20	130	120	120

9.340 INTERNATIONAL TRADE

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.341 Restructuring of Africa's internal and external trade

Origin:

General Assembly resolutions 2570(XXIV) and 2571(XXIV); ECOSOC resolutions 1352(XLV) and 1556(XLIX); General Principle Five of UNCTAD I; Report of the first session of the Standing Committee on Trade; ECA resolutions 98(VI), 199(IX), 218(IX), 222(X) and 244(XI); Report of the African Ministerial Meeting Preparatory to UNCTAD III; African Declaration on Co-operation, Development and Economic Independence.

Project aim:

Assist in restructuring Africa's trade within the context of a new international division of labour with a view in particular, to promoting intra-regional trade in a broad range of products and ensuring that trade assumes a dynamic role so as to influence the structure of production and integration of the various sectors of the economy by transforming them from a traditional, almost exclusively primary-producing basis to a more dynamic combination of agriculture and manufacturing industries; provide member countries with up-to-date information on issues related, inter alia, to internal and external trade.

Priority A

Work content:

9.341.01 (a) Assistance to countries and territories (1976-1979):

Advisory missions will be undertaken at the request of the Governments on matters related to conduct of surveys and preparation of studies and documents on structural changes in the trade of African countries.

(b) Studies:

9.341.02 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. To evaluate any structural changes which may have taken place in recent years (1976-1979).

(c) Collection and dissemination of information:

9.341.20 Articles on African trade and development will be written for Economic Bulletin for Africa (see 9.242.20) (1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.341.26 National training courses on commercial policy and trade promotion.

Related programmes:

Close collaboration with OAU, UNCTAD, GATT, UNIDO, ITC, multinational African groupings and ECA Divisions.

9.342 Development and expansion of intra-African trade

Origin:

General Assembly resolution 2569(XXIV); UNCTAD Declaration 23(II), UNCTAD resolutions 11(II), 23(II), 48(III) and Trade and Development Board resolution 69(X); ECA terms of reference and resolutions 86(V), 100(VI), 176(VIII), 199(IX), 218(X), 222(X), 244(XI) and 245(XI); recommendation 6 of the subregional meeting on economic co-operation in Central Africa; resolution D of the sixth Conference of Heads of State and Government of Eastern and Central Africa; report of the African Ministerial Meeting Preparatory to UNCTAD III; report of the fourth Meeting of the Technical Committee of Experts; and the African Declaration on Co-operation, Development and Economic Independence.

Project aim:

To foster intra-African trade, and thus promote mutual economic growth.

Priority A

Work content:

9.342.01 (a) Assistance to countries and territories (1976-1979):

Advisory services to be provided on policies and formulating proposals and recommendations concerning development and expansion of intra-African trade as well as on ways and means of solving problems arising in trade policy.

(b) Studies:

- 9.342.02 To consider practical ways and means of expanding intra-African trade, both on a subregional and inter-subregional basis with due regard to equitable distribution of benefits (1976-1977);
- 9.342.03 Study on how to overcome difficulties associated with transit trade and the special problems of land-locked countries (1976-1979);
- 9.342.04 Study of clandestine trade (1977-1979);
- 9.342.05 To evaluate and assess intra-African trade activities (1976, 1977).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.342.26 Non-committal and confidential intra-African trade talks among African countries in conjunction with the biennial sessions of the Conference of Ministers of ECA with a view to facilitating bilateral contacts of African exporters and importers (1977);
- 9.342.27 Servicing of regional and subregional meetings, including those which might be convened in connexion with bilateral and multilateral negotiations held among African countries to elaborate intra-African preferential trade arrangements;
- 9.342.28 All-Africa symposium on intra-African trade for senior trade executives from Governments and the business sector - in conjunction with the OAU Second All-Africa Trade Fair (1976).

Related programmes:

Close collaboration with OAU African Development Bank, UNCTAD, CDPFP, UNIDO, Customs Co-operation Council, multinational African groupings and ECA Divisions.

9.343 Commodity problems and policies

Origin:

General Assembly resolutions 2570(XXIV) and 2571(XXIV); ECOSOC resolutions 1352(XLV) and 1556(XLIX); UNCTAD resolutions 16(II), 54(III) and 83(III) and Trade and Development Board resolution 73(IX); ECA resolutions 218(X), 222(X), 244(XI) and 245(XI); fourth, fifth, sixth, seventh and eighth ECA/OAU Joint Meetings on Trade and Development; and the report of the African Ministerial Meeting Preparatory to UNCTAD III.

Project aim:

To provide African countries with expert assistance on international commodity problems and policies, including those related to international commodity negotiations, consultations among African producing countries and between African and other developing producing countries; assist African countries in harmonizing their positions with regard to these problems and policies; help them to promote measures aimed at ensuring remunerative and stable prices for their commodities and at facilitating the access of the latter to markets, including African ones.

Priority A

Work content:

9.343.01 (a) Assistance to countries and territories (1976-1979):

Providing advisory services, on request, on matters related to commodity problems and policies.

(b) Studies:

9.343.02 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, and including the possibilities of establishing and strengthening producers' associations (1976-1979);

9.343.03 Study possibilities and procedures for reaching agreements between African producers and consumers of certain processed and primary commodities, especially foodstuffs (1976-1979).

Related programmes:

Close collaboration with OAU, UNCTAD, FAO, African multinational groupings and ECA Divisions.

9.344 Trade promotion

Origin:

ECOSOC resolutions 1358(XLV), 1362(XLV) and 1452(XLVII), UNCTAD resolution 1(II) and Trade Development Board resolutions 59(IX) and 72(X); recommendations of the third, fourth, fifth and sixth ECA/OAU Joint Meetings on Trade and Development; ECA resolutions 199(IX), 218(IX) and 222(X); resolution D of the sixth Conference of Heads of State and Government of Eastern and Central Africa; recommendations of the Second Technical Committee of the sixth FAO Regional Conference for Africa; recommendation of the African Ministerial Meeting Preparatory to UNCTAD III.

Project aim:

To assist African countries in developing their foreign trade through trade promotion programmes and activities, with special reference to intra-African trade.

Priority A

Work content:

9.344.01 (a) Assistance to countries and territories (1976-1979):

Improve information and contacts among African countries with a view to promoting intra-African trade; advise Governments on the establishment of national trade promotion machinery, field research and identification of products and markets; advise and assist Governments in the establishment of an export credit financing and export credit insurance schemes; assist Governments in introducing simplified and co-ordinated trade documentation and procedures; assist Governments in the identification of trade incentives and disincentives, and advise on appropriate measures for trade expansion; assist in trade promotion activities by providing an efficient documentation and publication programme related to African trade; and assist in organizing multinational supply and market information trade missions, product exhibitions and other export promotion activities.

(b) Studies:

- 9.344.02 Prepare market studies, including an inventory of existing enterprises and products of African countries for promoting external trade (1976-1979);
- 9.344.03 Review of barriers to intra-African trade and developed marketing policies taking account of fiscal, financial and transport constraints (1976-1979);
- 9.344.04 Undertake market research on selected products and markets in intra-African trade (1976-1979).

(c) Collection and dissemination of information:

- 9.344.20 The Bulletin of the ECA Africa Trade Centre (1976-1979);
- 9.344.21 "The African Trader" - a bi-annual magazine to promote intra-African trade (1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.344.26 Annual ECA/ITC training course in international marketing for business and trade promotion executives (1976-1979);
- 9.344.27 Local training courses for executives in trade, marketing and export promotion (1976-1979);
- 9.344.28 In-service training of trade promotion officers to be attached to the Africa Trade Centre for periods from six months to one year each (1976-1979);
- 9.344.29 Trade symposium on intra-African trade and the organization of trade promotion machinery (1977);
- 9.344.30 Development of personnel in the field of trade by creating appropriate training programmes, offering appropriate courses in trade promotion, marketing and export techniques (1976-1979);
- 9.344.31 Annual ECA training course in intra-African marketing of selected products for business and trade promotion officials (1976-1979);
- 9.344.32 Seminar on intra-African trade techniques (1976);

9.344.33 General Assembly of the Association of African Trade Promotion Organizations (1976-1979);

9.344.34 Subregional meetings of the Association of African Trade Promotion Organizations.

Related programmes:

Association of African Trade Promotion Organizations and relevant ECA Divisions.

9.345 Common trade and development institutions

Origin:

African Declaration of Co-operation, Development and Economic Independence.

Project aim:

To assist African member States of ECA in establishing common trade and development institutions to consider, co-ordinate and supervise, where necessary, the implementation of agreements and arrangements on trade and development both among African countries and between African countries and the rest of the world, including developed countries.

Priority A

Work content:

9.345.01 (a) Assistance to countries and territories (1976-1979):

Providing advisory services, on request, on matters related to policies and techniques of trade issues likely to come up for discussion.

(b) Studies:

9.345.02 Assessments of all implications which agreements and arrangements might have for African co-operation development and economic independence and establishment of procedures for dealing with them (1976, 1977).

Related programmes:

Close collaboration with OAU, ADB and multinational African economic groupings.

9.346 Harmonization meetings

Origin:

ECA resolutions 132(VII), 175(VIII), 199(IX); the report of the tenth session of the Commission and the African Declaration on Co-operation, Development and Economic Independence.

Project aim:

To assist African countries in harmonizing their views and positions on trade and development issues, including those which come up for discussion at the United Nations Conference on Trade and Development, meetings of the Group of "77", GATT and other international bodies.

Priority A

Work content:

9.346.01 (a) Assistance to countries and territories (1976-1979):

Preparation of studies, surveys and documents regarding trade and development issues; and formulation of recommendations aimed at assisting in the harmonization of African positions.

(b) Studies:

9.346.02 Studies designed to assist member States in their discussions on trade and development issues (1976, 1977).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.346.26 ECA/OAU Joint Meetings on Trade and Development - To precede the sessions of the Trade and Development Board of UNCTAD (1976, 1977);

9.346.27 African group meetings held in conjunction with the sessions of Trade and Development Board of UNCTAD, including those of its main Committees as well as those of GATT or any other similar fora, as appropriate.

9.346.28 African Ministerial Meeting Preparatory to meetings of the "77" of UNCTAD (1976).

Related programmes:

Close collaboration with OAU and ADB.

MAN-MONTHS REQUIREMENTS ; 1976 AND 1977

TABLE PCU 1-74

INTERNATIONAL TRADE

Code	1976					1977				
	Man-months required					Man-months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.341.01	2	-	-	-	-	1	-	-	-	-
9.341.02	8	7 ^{1/}	-	21 ^{1/}	-	8	-	-	28 ^{2/}	-
9.341.20	2	-	-	-	-	2	-	-	-	-
9.341.26	5	-	-	2 ^{3/}	-	5	-	-	2 ^{3/}	-
9.342.01	1	-	-	-	-	1	-	-	-	-
9.342.02	5	6 ^{4/}	-	16 ^{4/}	-	4	-	-	12 ^{4/}	-
9.342.03	4	-	-	6 ^{5/}	-	3	-	-	-	6
9.342.04	-	-	-	-	-	3	-	-	6 ^{6/}	-
9.342.05	-	-	-	-	-	3	-	-	-	-
9.342.26	-	-	-	-	-	2	-	-	-	-
9.342.27	4	-	-	-	-	3	-	-	-	-
9.342.28	1	-	-	-	-	-	-	-	-	-
9.343.02	4	-	-	16	-	4	-	-	16 ^{7/}	-
9.343.03	2	-	-	-	-	2	-	-	-	-
9.344.01	9	6	8	24	-	10	6	8	24	-
9.344.02	4	-	-	9	-	4	-	-	6	-
9.344.03	-	-	-	-	-	3	-	-	6	-
9.344.04	8	-	2	9	-	8	-	2	9	-

- 1/ Project on Africa's trade with the socialist countries submitted to UNDP but not approved. Consultations are however in process with Yugoslavia for financing on project on African trade prospects with the socialist countries of Eastern Europe.
- 2/ Project to be submitted to UNDP to cover: (i) the second stage (1977) of African trade prospects with the socialist countries and (ii) African trade expansion with the developing countries of East Asia as recommended in document E/CN.14/WP.1/58.
- 3/ Project tentatively approved by UNDP up to 1976.
- 4/ Project tentatively approved by UNDP for period covering up to 1976 and to be re-submitted for extension to cover 1977 and after.
- 5/ Swiss bilateral assistance approved in principle for the project.
- 6/ Project submitted to AID not approved. The project will be re-submitted to UNDP for funding to cover 1977.
- 7/ Interregional project submitted to UNDP as part of the action programme of the non-aligned countries.

Code	P	C	RA	XB	GS	P	C	RA	XB	GS
9.344.20	3	-	-	-	-	3	-	-	-	-
9.344.21	5	-	-	9	-	3	-	-	9	-
9.344.26	1	-	-	3	-	1	-	-	3	-
9.344.27	3	-	-	12	-	3	-	-	12	-
9.344.28	3	-	-	8	-	3	-	-	8	-
9.344.29	-	-	-	-	-	4	-	2	6	-
9.344.30	1	-	-	8	-	1	-	-	8	-
9.344.31	2	-	-	8	-	2	-	-	8	-
9.344.32	3	-	2	6	-	-	-	-	-	-
9.344.33	3	-	-	3	-	-	-	-	-	-
9.344.34	3	-	-	3	-	3	-	-	3	-
9.345.01	1	-	-	-	-	1	-	-	-	-
9.345.02	4	-	-	-	-	4	-	-	-	-
9.345.26	4	-	-	-	-	4	-	-	-	-
9.346.01	1	-	-	-	-	1	-	-	-	-
9.346.02	2	-	-	-	-	3	-	-	-	-
9.346.26	3	-	-	-	-	4	-	-	-	-
9.346.27	2	-	-	-	-	2	-	-	-	-
9.346.28	4	-	-	-	-	-	-	-	-	-
Total:	108	19	12	163	-	108	6	12	166	6

9.440 LABOUR, MANAGEMENT AND EMPLOYMENT

9.441 Manpower and employment planning and management development

Origin:

Commission resolutions 110(VI), 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:

9.441.01 (a) Assistance to countries and territories (1976-1979):

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-operating 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; and in collaborating with African productivity development organizations to promote regional and national productivity development programmes.

(b) Studies:

- 9.441.02 Analysis, projection and appraisal of manpower requirements in specific economic sectors and for multinational development projects (1976-1979);
- 9.441.04 Evaluation studies of training programmes and policies for the development of African managerial and entrepreneurial capability (1976-1977);
- 9.441.06 Study of labour migration as a factor in employment growth within the context of Africa's economic groupings and integration (1976-1978);
- 9.441.07 Study of the problems and prospects of the evolution of African subregional labour markets and of ways to foster them (1978-1979);
- 9.441.08 Comparative study of bilateral and multilateral conventions and agreements on extra-territorial labour migration and their relevance to African situation (1976-1977);
- 9.441.09 Study of the effectiveness of policy and practical measures for mitigating the African "brain drain" (1976-1977);
- 9.441.10 Case studies in manpower utilization and labour productivity in specific sectors of economic activities (1977 and 1979);
- 9.441.11 Comparative study of incomes policy as an instrument for the promotion of employment and effective utilization of manpower (1977-1978).

(c) Collection and dissemination of information:

- 9.441.20 Training materials (1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.441.26 National training courses in manpower and employment planning (1976-1979);
- 9.441.27 Regional expert group meetings to evaluate programmes in manpower planning and training (1977 and 1979);
- 9.441.28 ECA/ILO training workshops for management educators/trainers (1976);

- 9.441.30 ECA/ILO training workshops for management case-study writers (1976);
- 9.441.31 Regional workshops on productivity development in specific sectors of economic activities (1976-1979);
- 9.441.32 Training workshops for career guidance officers and career development officers (1977 and 1979);
- 9.441.33 Regional training workshops on integrated human resources planning (English-speaking 1976; French-speaking (1978)).

Related programmes:

Close collaboration with the ILO, UNESCO, FAO, WHO, UNIDO, UNICEF, CAFRAD, 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, Public Administration and Social Development Sections and other units of ECA secretariat to co-ordinate action with regard to sectoral manpower analysis and evaluation of requirements.

TABLE PCU 1-74

CONCLUSION

[illegible]

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.441.11	Comparative study of income policy as an instrument for the promotion of employment and effective utilization of manpower (1977)	-	-	-	-	-	-	3	-	-	1
9.441.20	Publication of training materials for courses in manpower and employment planning and management development (1976-77)	2	-	-	-	1	2	-	-	-	1
9.441.26	National training courses in manpower and employment planning (1976-1977)	2	-	4	4	3	2	-	4	-	2
9.441.27	Regional expert group meetings to evaluate programmes in manpower planning and training (1977)	-	-	-	-	-	2	-	3	-	2
9.441.28	ECA/ILO training workshops for management educators/trainers (1976)	3	-	-	-	1	-	-	-	-	-
9.441.30	ECA/ILO training workshops for management case-study writers (1976)	1	-	-	-	1	-	-	-	-	-
9.441.31	Regional workshops in productivity development in specific sectors of economic activities (1975-1977)	3	-	-	-	1	3	-	-	-	2
9.441.32	Training workshops for Career Guidance Officers and Career Development Officers (1977)	-	-	-	-	-	4	-	-	-	2
9.441.33	Regional training workshops on integrated human resources planning (English-speaking) (1976)	2	-	4	2	2	-	-	-	-	-
Total:		36	6	12	24	21	36	6	12	24	27

9.460 NATURAL RESOURCES

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9.461 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:

9.461.01 (a) Assistance to countries and territories (1976-1979):

Assistance to Governments in evolving methods and procedures for collecting and organizing data on African natural resources; making more readily accessible to Governments in the region, knowledge of modern and efficient techniques of survey, evaluation, exploitation and management of natural resources; establishing natural resources research institutes in Africa (in implementation of the Lagos Plan for scientific research and training in Africa); and establishing an institute for natural resources management (1976) 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 (1976-1979):

9.461.26 Working group of experts on modern methods of natural resources inventory, planning of and management (1977).

Related programmes:

Close collaboration with UNESCO, UNRTD, FAO, WHOM, IMCO, WHO, International Oceanographic Commission and ECA/FAO Joint Agriculture Division.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

NATURAL RESOURCES (GENERAL)

Code	1976					1977				
	Man-months required					Man-months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.461.01	4	-	-	-	-	-	-	-	-	-
9.461.26	2	-	-	-	10	9	-	-	-	10
Total:	6	-	-	-	10	9	-	-	-	10

9.462 MINERAL RESOURCES

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

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

Origin:

General Assembly resolution 1425(XIV) and 2386(XXIII); ECOSOC resolutions 886(XXXIV); 1318(XLIV) 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:

9.463.01 (a) Assistance to countries and territories (1976-1979):

To assist member States in formulating and implementing national mineral development policies; to provide advisory services to African Governments on request, on the economic aspects of mineral exploration and exploitation; to promote the establishment of multinational mineral resources development centres; to assist Governments in strengthening high-level educational institutions to serve multinational needs in mineral resources developments; and to assist Governments in undertaking the inventory of 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 (1976-1979).

(d) Conference, meetings, seminars and expert working groups (1976-1979):

- 9.463.26 Conference on Development and Utilization of Mineral Resources in Africa (1976);
- 9.463.27 Seminar and study tours for African Geologists and mining engineers (1977) (1979);
- 9.463.28 Subregional symposia on mineral resources development (1977); East African and Central Africa (1978), West Africa (1979).

Related programmes:

Close co-operation with OAU, UNESCO, UNRTD, ECAFE, UNESOB and ECLA.

9.464 Raw materials for selected mineral industries in Africa

Origin:

Commission term 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:

- 9.464.02 Studies on raw materials for the metallic industries covering exploration, development and production: iron ore and bauxites, copper, lead, zinc, tin (1976);
- 9.464.03 Studies of raw materials used as sources of energy: coal, bituminous schists, asphaltic rocks (1977);
- 9.464.04 Studies of mineral raw materials for the building industries (1978);
- 9.464.05 Studies of raw materials for the ceramic industries (1979).

Related programme:

United Nations Headquarters, UNCTAD, IAEA, ECE, ECAFE, FAO, ECA, Trade, Fiscal and Monetary Affairs Division, Industry and Housing Division.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

MINERAL RESOURCES

Code	1976					1977				
	Man-months required					Man-months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.463	24	-	9	20	15	20	-	9	20	20
9.463.26	12	-	2	4	8	6	-	-	-	3
9.463.27	-	-	-	-	-	2	-	1	-	1
9.463.28	-	-	-	-	-	8	-	1	-	4
9.464.02	12	-	1	-	1	-	-	-	-	-
9.464.03	-	-	-	-	-	12	-	1	-	2
Total:	48	-	12	24	24	48	-	12	20	30

9.465 WATER RESOURCES

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.466 Planning and development of national water resources

Origin:

General Assembly resolutions 141(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 water administration.

Priority A

Work content:

9.466.01 (a) Assistance to countries and territories (1976-1979)

Planning and implementation of hydrometeorological networks; providing advisory services in respect of the planning of the development of national water resources; conducting water resources surveys for future development; and examination, comments and review of UNDP projects of water resources in Africa prepared and executed by various UN agencies.

(b) Studies:

9.466.02 Prepare a master plan for the development of hydrometeorological networks in Africa;

9.466.03 Water supply and demand and projections for the future;

9.466.04 Flood damages and their mitigation;

9.466.05 Preparation of water codes and organization of water administrations.

(c) Collection and dissemination of information:

9.466.20 Water Resources Planning and Development in Africa.

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.466.26 Working groups' meetings as follow-up of the Regional Technical Conference on Water Resources.

Related programmes:

Close collaboration with WMO, UNESCO, UNRTD, WHO, UNDP, IAEA, CIEH, FAO and other interested organizations.

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

9.467 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:

9.467.01 (a) Assistance to countries and territories (1976-1979):

Establishment of multinational water resources development institutes in the East and West African subregions for research, planning and training purposes.

(b) Studies:

9.467.02 Updating the survey of manpower, education, training research facilities for water resources development in West Africa.

Related programmes:

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

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9.468 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:

(a) Assistance to countries and territories (1976-1979):

9.468.01 Investigation and development of international rivers in the ECA region; assisting Governments in securing bilateral and multilateral resources to finance studies and surveys of international rivers; continue promotion of international co-operation for the development of Lake Tanganyika basin.

(b) Studies:

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

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.468.26 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.

Related programmes:

Close collaboration and co-ordination with related work of UNRT will be established as well as that of United Nations Panel of Experts on Legal and Institutional Implications of International Water Resources Development, WMO, WHO, UNESCO, IBRD, UNDP, ADB and ECA/FAO Joint Agriculture Division.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

WATER RESOURCES

Code	1976 Man-months required					1977 Man-months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.466.01	7	-	11	18	18	7	-	11	18	18
9.466.02-05	13	-	-	28	17	13	-	-	28	17
9.466.26	1	-	1	2	3	1	-	1	2	3
9.467.01	3	-	-	-	2	3	-	-	-	2
9.467.02	3	-	-	-	2	3	-	-	-	2
9.468.01	3	-	-	4	2	3	-	-	4	2
9.468.02	3	-	-	4	3	3	-	-	4	3
9.468.26	3	-	-	4	1	3	-	-	4	1
Total:	36	-	12	60	48	36	-	12	60	48

9.469 ENERGY

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9.470 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), 886(XXXIV), 1083(CD) (XXXVII), 1111(XL), 1127(XLI), 1218(XLII), 1316(XLIV), 1318(XLIV), 1426(XLVI) and 1427(XLVI); 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 the Field of Hydrocarbons (1974).

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:

9.460.01 (a) Assistance to countries and territories (1976-1979):

Devising measures for promoting the development of energy in Africa; compiling an exhaustive inventory of energy resources, training facilities and needs with a view of 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; and establishment of an African Documentation Centre, responsible for collection, analysis and dissemination of up-to-date information on all aspects (including petroleum legislation and agreements) of the petroleum industry.

(b) Studies:

9.470.02 Studying the problems involved in the organization and development of energy resources and devising programmes of action for multinational intergovernmental groupings (1976-1979);

9.470.03 Studying and preparation of the relevant documentation to enable member States to decide on the establishment of an African Petroleum Organization (1976).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.470.26 Second Regional Conference on Petroleum Industry and Manpower Requirements in the Field of Hydrocarbons (1977);

9.470.27 Subregional meetings on energy: Central Africa (1977), East Africa (1979);

9.470.28 Regional meetings on energy: Third African Meeting on Energy (1979).

Priority B

9.470.29 Working group on the processing and marketing of hydrocarbons on subregional and regional basis (1977).

(b) Studies:

9.470.04 Studying methods of improving the organizational and operational aspects of electrical energy development (1976-1979);

9.470.05 Forecasting demand for electric power in industry, agriculture and other sectors, in rural and urban centres (1976-1979);

9.470.06 Comparative studies of electricity, production costs and scales tariffs (1976-1979);

9.470.07 Preparing general and technical specifications for the production, transmission and distribution of electricity (1976-1979).

Related programmes:

Close collaboration with OAU, UNESCO, WMO, UNIDO, UNRTD, UNDP, ADB and other organizations concerned with this field.

9.471 Development of electrical energy

Origin:

Commission first and second reports, Commission resolutions 33(III) and 176(VIII), report of the First African Electric Power Meeting (1963).

Project aim:

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

Priority B

Work content:

9.471.01 (a) Assistance to countries and territories (1976-1979):

To study factors inhibiting the linking of electrical systems among neighbouring African countries, with a view to the adoption of common standards and specifications; to carry out systematic consultations with equipment designers with regard to electrical power production, distribution and equipment design, with particular reference to adequate safety provisions; and to promote the manufacture on a multinational basis of electrical equipment suitable to the needs of the concerned countries.

Related programmes:

International Standards Organization, International Electric Technical Commission, Commission on Electrical Equipment, other concerned organizations, IBRD, ADB.

9.472 Rural electrification and development of energy equipment for rural use

Origin:

Commission first session report, Commission resolution 33(III), report of the first African Electric Power Meeting.

Project aim:

To promote small-scale production and distribution of electrical energy for rural development.

Priority B

Work content:

9.472.01 (a) Assistance to countries and territories (1976-1979):

Determining the technical, social, economic and other factors affecting the development of electrical power and use in rural areas; and advisory services on measures for removing obstacles to the expansion of the production and use of electricity in rural areas.

Related programmes:

UN Headquarters, ECE, IBRD, ADB.

9.473 Development of non-conventional sources of energy

Origin:

General Assembly resolution 2056(XX), 2309(XXII), 2406(XXIII) and 2575(XXIV); ECOSOC resolutions 779(XXX), 885(XXXIV), 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(IX); 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).

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:

9.473.01 (a) Assistance to countries and territories (1976-1979):

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; reviewing technical and technological developments in the field of atomic energy, and promoting the expansion of prospecting programmes for radio active substances in appropriate areas; 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; and 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.

Related programmes:

UNDP, IBRD, IAEA, and bilateral assistance agencies.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

ENERGY

Code	1976					1977				
	Man-months required					Man-months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.470.01	4	-	-	-	-	4	-	-	-	-
9.470.02	2	-	-	-	-	2	-	-	-	-
9.470.03	1	-	-	-	-	-	-	-	-	-
9.470.04	1	-	-	-	-	1	-	-	-	-
9.470.05	1	-	-	-	-	1	-	-	-	-
9.470.06	1	-	-	-	-	1	-	-	-	-
9.470.07	1	-	-	-	-	1	-	-	-	-
9.470.26	10	-	-	-	-	8	-	-	-	-
9.470.27	-	3	-	-	-	-	-	-	-	-
9.470.29	-	-	-	-	-	3	6	-	-	-
9.471.01	1	-	-	-	-	1	-	-	-	-
9.472.01	1	-	-	-	-	1	-	-	-	-
9.473.01	1	-	-	-	-	1	-	-	-	-
Total:	24	3	12	-	12	24	6	12	-	12

9.474. CARTOGRAPHY

D. DEVELOPMENT OF ESSENTIAL SERVICES

9.475 Development of national cartographic services

Origin:

General Assembly resolution 238(XXXIII); report of first, second and third Regional Cartographic Conferences for Africa and Commission resolution 164(VIII).

Project aim:

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

Priority A

Work content:

9.475.01 (a) Assistance to countries and territories (1976-1979):

Establishment of subregional centres for training in photogrammetry, photo-interpretation and airborne geophysical surveys; and establishment of common centres for specialized services in surveying and mapping.

(b) Studies:

9.475.02 Survey of manpower requirements in the field of surveying and mapping (1976-1979).

(c) Collection and dissemination of information:

9.475.20 Publication of an African Cartographic Information Bulletin (1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.475.26 Fourth Regional Cartographic Conference for Africa (1976);

9.475.27 Seminar on new techniques in surveying and mapping (1976).

Related programmes:

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

9.476 Preparation of specialized maps and related activities

Origin:

First, Second and Third Regional Cartographic
Conferences for Africa.

Project aim:

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

Priority A

Work content:

9.476.01 (a) Assistance to countries and territories (1976-1979):

To assist countries, on request, in conducting
joint geodetic and related surveys of border areas;
to prepare, review and revise regional and subregional
maps on hydrogeology, minerals, oil and natural gas;
and to organize map exhibitions.

(b) Studies:

9.476.02 Study on cartographic activities including a study
on status of hydrographic surveying and mapping, with
special reference to territorial waters and the continental
shelf (1976-1979).

(d) Conferences, meetings, seminars and expert working
groups (1976-1979):

9.476.26 Meeting to prepare common specifications on selected
special purpose maps.

Related programmes:

Close collaboration with United Nations Headquarters,
ECAFE, UNESCO, African Geological Association and
International Hydrogeological Association and IUGG.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

CARTOGRAPHY

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.475.01	Technical assistance to countries and territories	2	-	1	-	2	4	-	-	-	2
9.475.02	Survey of manpower requirements in the field of surveying and mapping	4	-	-	2	2	4	-	-	2	2
9.475.20	African Cartographic Information Bulletin	3	-	-	12	18	3	-	-	12	18
9.475.26	Fourth Regional Cartographic Conference for Africa	4	-	-	12	6	5	-	-	-	6
9.475.27	Seminar on new techniques in surveying and mapping	3	-	-	4	1	-	-	-	-	-
9.476.01	Assistance to countries and territories	5	-	-	-	7	5	-	-	-	8
9.476.02	Study of cartographic activities including a study on status of hydrographic surveying and mapping, with special reference to territorial water and the continental shelf	2	-	-	12	6	2	-	-	12	6
9.476.26	Meeting to prepare common specifications on selected special purpose maps	1	-	-	4	6	1	-	-	4	6
Total:		24	-	1	46	48	24	-	-	30	48

9.477 HUMAN ENVIRONMENT

9.478 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; General Assembly resolution 2997(XXIV); ECA resolutions 238(XI) and 239(XI).

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.

Priority A

Work content:

9.478.01 (a) Assistance to countries and territories (1976-1979):

To assist and provide advisory services to Governments on the establishment of National Commission responsible for safeguarding and improving the human environment; to assist in monitoring the importation of pollutive industries into African countries and in identifying major threats to African exports that may arise as a result of environmental concern; to advise countries on steps to be taken to improve the rural environment through the provision of adequate water supplies, the construction of cheap dwelling, the provision of schools and health centres, and the introduction of sound agricultural practices; 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 in such matters as mutual legislation; patrolling systems against poachers, exchange of information research projects, etc.; and to assist member countries tackle the problems of drought in Africa.

(b) Studies:

9.478.02 To study and prepare period reports on the state of the human environment in Africa based on national reports from member States and on research by the secretariat;

9.478.03 To study and prepare reports in existing legislation for the improvement and protection of the human environment.

(c) Collection and dissemination of information:

9.478.20 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.

Related programmes:

In co-operation with UNEP and all UN and voluntary organizations having programme, in the field of the human environment.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

HUMAN ENVIRONMENT

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.478.01	Assistance to Governments	4	-	-	-	-	4	-	-	-	-
9.478.02	Studies	4	-	-	-	-	4	-	-	-	-
9.478.20	Collection and dissemination of information	4	-	-	-	4	4	-	-	-	4
Total:		12	-	-	-	4	12	-	-	-	4

9.480 POPULATION

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.481 Demographic aspects of economic and social development

Origin:

General Assembly resolution 2211(XXI); ECOSOC resolution 1347(XLV); ninth session of the Commission (report, E/4651, paras. 517-524); sixth Conference of African Statisticians (report); Expert Group on Population (report). First session of Conference of African Demographers; First and Second Sessions Conference of Ministers.

Project aim:

To assist Governments of the region in improving their information services on population questions and to give due recognition to the interrelationship between population dynamics and economic and social growth.

Priority A

Work content:

9.481.01 (a) Assistance to countries and territories (1976-1979):

In defining the interrelation between population trends and socio-economic development; in evaluating and adjusting data, preparing studies, and conducting research for the region as a whole especially countries that do not have requisite personnel; and by participating and assisting in national seminars and other technical meetings on various aspects of population problems.

(b) Studies:

9.481.02 Study and evaluation of census and other demographic data (1976-1979);

9.481.08 Studies on migration, urbanization and population distribution (1976-1979);

9.481.12 Study of age patterns of mortality in Africa (1976);

9.481.13 Preparation of life tables for selected countries (1977);

- 9.481.14 Study of relationship between population trends and economic and social development (1976-1979);
- 9.481.15 Study population trends on investment needs in different sectors (1976-1979);
- 9.481.16 Studies on labour force (1976);
- 9.481.17 National population projections for selected countries (1978);
- 9.481.18 Sub-national projections for selected countries (1979).
- (c) Collection and dissemination of information:
- 9.481.20 Demographic Handbook for Africa (1976-1979);
- 9.481.21 African population studies series (1976-1979);
- 9.481.22 Preparation of bibliographies (1976-1979);
- 9.481.23 African population Newsletter (1976-1979);
- 9.481.24 African Directory of Demographers;
- 9.481.25 Manual on demographic concepts and definition suitable for Africa (1976-1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.481.27 Conference of African Demographers (1976, 1978);
- 9.481.28 Regional Inter-Agency Co-ordination meeting on population (annual);
- 9.481.29 Meeting of Non-United Nations Organizations interested in Population Work in Africa (annual);
- 9.481.33 Working group on Mortality Surveys and Studies in Africa (1979);
- 9.481.34 Working Group on Demographic Aspects of Manpower and Employment (1976);
- 9.481.35 Working Group on Demographic Aspects of Educational Planning (1978);
- 9.481.36 National seminars on macro and micro country case studies (1976, 1977, 1978, 1979).

Related programmes:

Close collaboration with United Nations Headquarters 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.

9.482 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 the Conference of African Demographers; first and second sessions - Conference of Ministers.

Project aim:

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

Priority A

Work content:

9.482.01 (a) Assistance to countries and territories (1976-1979):

In formulating, implementing, and evaluating national population policies and programmes and conducting pertinent methodological studies; in designing, executing, and analysing surveys on fertility, and evaluation of population programmes; and by participating and assisting in national meetings on population policies and various aspects of population programmes.

(b) Studies:

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

9.482.06 Conducting pilot studies of fertility, infant mortality and evaluation of population programmes (1976-1977);

- 9.482.09 Study of the incidence and prevalence of abortion and its effects on fertility;
- 9.482.11 Study of fertility differentials among different occupational groups (1976);
- 9.482.12 Study of the effect of indigenous methods of family planning on fertility in selected countries (1976);
- 9.482.13 Study of the evaluation aspects of population programmes (1977);
- 9.482.14 Study of international migration policies and their effects on migrant labour in selected countries (1976);
- 9.482.15 Study of fertility patterns in nomadic and sedentary populations (1977);
- 9.482.16 Study of the relationship of infant and early childhood mortality to fertility levels and patterns in selected number of countries (1977);
- 9.482.17 Study of population-oriented development projects and their effects on population trends in selected countries (1977);
- 9.482.18 Study of age patterns of fertility using results of recent censuses (1978);
- 9.482.19 Study of age at marriage, birth intervals and their dynamics (1978);
- 9.482.20 Study of the relationship of migration, industrialization and female employment to fertility (1978);
- 9.482.21 Study of policies on internal migration and programmes of urbanization and population distribution in Africa (1973);
- 9.482.22 Study of trends in the adoption population policies in Africa (1973);
- 9.482.23 Study of fertility attitudes and values (1979);
- 9.482.24 Study of fertility trends in selected countries (1979);
- 9.482.25 Study of the effect of subregional economic co-operation on international migration policies (1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9,482.27 Training course on the techniques of fertility analysis (1976);
- 9.482.29 Expert group on the administration of family planning programmes in Africa (1977);
- 9.482.30 Working group on the effectiveness of family planning programmes in Africa (1978);
- 9.482.31 Working group on fertility differentials and change in the 1970s and the prospects for the future (1979).

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.

9.483 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; First and Second Sessions Conference of Ministers.

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:

- 9.483.01 (a) Assistance to countries and territories (1976-1979):

In demographic training at national institutions; and maintenance of regional demographic training and research institutes at Accra (for English-speaking countries) and Yaoundé (for French-speaking countries) and also partly for the Cairo Centre.

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.483.26 Meeting of Directors of United Nations-sponsored demographic training institutes; centres (biennial from 1972).

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.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

POPULATION

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.481.01	Assistance to countries and territories	-	-	18	-	12	-	-	24	-	12
9.481.02	Study and evaluation of census and other demographic data	3	-	-	6	12	3	-	-	10	12
9.481.08	Studies on migration, urbanization and population distribution	-	-	-	12	6	6	-	-	12	12
9.481.12	Study of age patterns of mortality in Africa	-	-	5	12	12	-	-	-	-	-
9.481.13	Preparation of life tables for selected countries	-	-	-	-	-	3	-	5	12	12
9.481.14	Study of relationship between population trends and economic and social development	3	-	-	6	4	-	-	-	2	6
9.481.15	Study of population trends on investment needs in different sectors	3	-	-	-	6	5	-	-	4	6
9.481.16	Studies on labour force	3	-	-	6	3	-	-	-	-	-
9.481.20	Demographic Handbook for Africa	-	-	-	-	-	1	-	-	-	6
9.481.21	African Population Studies Series	-	-	-	3	6	-	-	-	6	6
9.481.22	Preparation of bibliographies	-	-	-	12	40	-	-	-	12	40
	Clearing House activities	-	12	-	24	42	-	6	-	20	42
9.481.23	African Population Newsletter	-	-	-	12	12	-	-	-	12	12

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.481.24	African Directory of Demographers	-	-	-	-	-	-	-	-	4	4
9.481.25	Manual on Demographic Concepts and Definition suitable for Africa	-	-	3	-	6	-	-	-	-	-
9.481.27	Conference of African Demographers	-	-	-	3	3	-	-	-	-	-
9.481.28	Regional Inter-Agency Co-ordination meeting on Population (annual)	-	-	-	1	3	-	-	-	3	3
9.481.29	Meeting of Non-United Nations Organizations Interested in Population Work in Africa (annual)	-	-	-	1	3	-	-	-	3	3
9.481.34	Working group on Demographic Aspects of Manpower and Employment	6	3	2	-	6	-	-	-	-	-
9.481.36	National seminars on macro and micro country case studies	6	-	2	6	8	6	-	2	6	10
9.482.01	Assistance to countries and territories	-	-	12	6	6	-	-	12	12	6
9.482.04	Study of the administration of family planning programmes in Africa	-	-	-	9	6	-	-	-	-	-
9.482.06	Conducting pilot studies of fertility, infant mortality and evaluation of population programmes	-	-	3	18	9	-	-	2	17	12
9.482.11	Study of fertility differentials among different occupational groups	-	-	-	12	12	-	-	-	-	-
9.482.12	Study of the effect of indigenous methods of family planning on fertility in selected countries	-	-	-	12	12	-	-	-	-	-

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.482.14	Study of international migration policies and their effects on migrant labour in selected countries	-	-	-	9	6	-	-	-	-	-
9.482.15	Study of fertility patterns in nomadic and sedentary populations	-	-	-	-	-	-	-	-	12	12
9.482.16	Study of the relationship of infant and early childhood mortality to fertility levels and patterns in selected number of countries	-	-	-	-	-	-	-	-	12	12
	Study of the evaluation aspects of population programmes	-	-	-	-	-	-	-	-	6	3
9.482.17	Study of population-oriented development projects and their effects on population trends in selected countries	-	-	-	-	-	-	-	-	12	3
9.482.27	Training course on the techniques of fertility analysis	-	-	-	6	3	-	-	-	-	-
9.482.29	Expert group on the administration of family planning programmes in Africa	-	-	-	-	-	-	-	-	6	4
9.483.01	Assistance to countries and territories	-	-	2	3	1	-	-	3	3	2
9.483.26	Meeting of Directors of United Nations-sponsored demographic training institutes/centres	-	-	1	1	1	-	-	-	-	-
Total:		24	15	48	180	240	24	6	48	192	240

9.484 AFRICAN CENSUS PROGRAMME

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.485 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.14/474, 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 and E/CN.14/496).

Project aim:

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:

9.485.01 (a) Assistance to countries and territories (1976-1979):

Advisory service in the planning and conduct of national censuses of population; and co-ordination of regional activities of the African Census Programme with Headquarters objectives and with individual country programmes.

(b) Studies:

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

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

9.485.04 Evaluation and analysis of collected data (1976, 1977).

(c) Collection and dissemination of information:

9.485.20 African Census Programme Newsletter.

(d) Conferences, meetings, seminars and expert working groups (1976, 1977):

9.485.26 Consultative Group Meeting on the African Census Programme (1976, 1977);

9.485.27 African Census Programme Experts Meeting (1976, 1977).

Related programmes:

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

9.486 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.14/464); Conference of African Demographers (Report, E/CN.14/553); Consultative Group on the African Census Programme (Reports, E/CN.14/POP/59 and E/CN.14/596).

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:

9.486.01 (a) Assistance to countries and territories (1976, 1977):

Training course on supplemental surveys in relation to census data; and on-site training of local technicians by regional advisers.

(d) Conferences, meetings, seminars and expert working groups (1976, 1977):

9.486.26 Meetings of African Census Programme Experts (1976, 1977);

9.486.27 Subregional and country level meetings to stimulate the application and utilization of census data for economic and social development programmes (1976, 1977).

Related programmes:

Close collaboration will be maintained with the United Nations Headquarters and relevant United Nations organs; with co-operating Governments, e.g. USA, Canada, France, West Germany; and with the Population Programme Centre, the Statistics Division, and Human Resources Development Division of ECA.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

AFRICAN CENSUS PROGRAMME

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.484	African Census Programme (Regional Component)	12	-	96	-	60	12	-	72	-	48

9.500 PUBLIC ADMINISTRATION

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

9.501 Localization of Professional Training and Qualifications

Origin:

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

Project aim:

To advise and assist member States in developing national professional standards and qualifications in the fields of accountancy, secretaryship and other appropriate professions (ECA document: Administration and Management in Africa) and the formation of related professional associations; establishing a national examinations 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 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:

9.501.01 (a) Assistance to countries and territories (1976-1979):

Advising on the formation of appropriate professional bodies and national examinations boards for accountancy, secretaryship 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:

- 9.501.02 Evaluating and developing existing standard syllabi and curricula in use for professional training by examinations boards and training institutions (1976-1979);
- 9.501.03 Studies of country initiatives, measures and programmes for the development of professional training and qualifications in new vocational fields.
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.501.26 Short-term lecture at training institutions (1976-1979);
- 9.501.27 Meetings on the formation of subregional examinations boards (1976-1977); Eastern and Southern Africa (1976); West and North Africa (1977);
- 9.501.28 Meetings of heads of accountancy and secretaryship training institutions (1978).

Related programmes:

Close collaboration with United Nations Division of Public Administration, donor countries and other technical assistance agencies and international professional associations, ECA Manpower and Training Section.

- 9.502 Development of administrative and managerial capability in public and parastatal organizations

Origin:

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

9.502.01 (a) Assistance to countries and territories (1976-1979):

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 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:

- 9.502.02 Evaluation of syllabi and course materials in use by training institutions on the development of senior and middle-level administrators and managers (1978-1979);
- 9.502.03 Case studies on organizational and management problems affecting efficiency in governmental institutions and public enterprises (1977-1979);
- 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 (1976-1977).

(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) (1976-1978);
- 9.502.21 Preparation of guideline manuals relating to standard procedures and practices on aspects of administration and management such as procurement and supplies (1976-1977);
- 9.502.22 ECA Public Administration Newsletter (1976-1977).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.502.26 Subregional training course for local Government (municipal) treasurers on local Government financing: Eastern and Southern Africa (1976); West and North Africa (1977);
- 9.502.27 Subregional course for town clerks on local Government general administration and management; Eastern and Southern Africa (1976); West and North Africa (1977);
- 9.502.28 Peripatetic national training workshops on personnel management and staff development: Eastern and Southern Africa (1976); West and North Africa (1977);
- 9.502.29 Subregional training workshops on management improvement techniques and administrative capability in plan formulation and implementation (1976-1979);
- 9.502.30 Top-level subregional orientation courses for higher managerial personnel in personnel administration (1976-1979);
- 9.502.31 National training workshops on financial management and control, with emphasis on public enterprises: Eastern and Southern Africa (1978); West and North Africa (1979);
- 9.502.32 Top-level subregional - regional conferences of policy-makers from Government and parastatal organizations concerned with procurement and supplies (1976-1977);
- 9.502.33 Subregional seminar or expert group meeting for developing training programme for professional training in procurement and supplies management (1976 and 1979);

- 9.502.34 National and subregional training workshops in the techniques of procurement and supplies management (1976-1979);
- 9.502.35 Regional symposium on national procurement and supplies policies and intra-African trade (1978);
- 9.502.36 Regional symposium on co-ordination of public works programmes (1979).

Related programmes:

Close collaboration with the United Nations Division of Public Administration, CAFRAD, ILO, UNITAR, SIDA and various technical assistance agencies, ECA Manpower and Training Section, Trade Fiscal and Monetary Affairs Division, Centre for Economic Co-operation, International Union of Local Authorities, IIAS, 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 resolution 70(V).

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:

- 9.503.01 (a) Assistance to countries and territories (1976-1979):

In 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; preparation of manuals, brochures and other publications to guide administrative improvement schemes and training schemes for manpower development in central and local Government administrations.

(b) Studies:

9.503.04 Survey and evaluation of technical assistance programme in public administration in Africa (1976).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.503.26 Subregional training courses on the presentation of requests for and the effective use of technical assistance (1976);

9.503.27 Subregional seminars of heads of O & M Services (1977);

9.503.28 Subregional seminars on the role of local Governments in national development (1978-1979).

Related programmes:

Close collaboration with public administration institutes, public staff colleges, universities in Africa, UNDP and United Nations Division of Administration, CAFRAD, International Union of Local Authorities, and interested international technical assistance agencies (IBRD, USAID, ODA, etc.).

9.504 Establishment of management improvement services

Origin:

Commission resolutions 70(V), 172(VIII) and 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:

9.504.01 (a) Assistance to countries and territories (1976-1979):

In establishing services, institutes, specialist centres for organization, management and productivity.

(b) Studies:

9.504.06 Organization services in the public sector
(revision) (1976).

(d) Conferences, meetings, seminars and expert working
groups (1976-1979):

9.504.26 Meeting of experts in organization and productivity -
East Africa (1976).

Related programmes:

Close collaboration with the United Nations Division of
Public Administration; ILO, CAFRAD; the specialized
institutes of OCAM; the various bilateral aid bodies
concerned; IIAP, IISA, the Agency for Cultural and
Technical Co-operation in Africa; and specialist institut-
ions such as IESTO, IAE in Yaoundé, etc.

9.505 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:

9.505.01 (a) Assistance to countries and territories (1976-1979):

In 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:

9.505.07 The budget and plan regionalization (1976).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.505.28 Seminar on the budget and plan regionalization (West Africa - 1976).

Related programmes:

Close collaboration with IIAP, IISA, CAFRAD, IDEP, United Nations Division of Administration, ECA Divisions of Industry and Trade, Fiscal and Monetary Affairs.

9.506 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:

9.506.01 (a) Assistance to countries and territories (1976-1979):

In advising Governments and helping them to work out efficient administrative systems to administer and manage urban centres and supervise their development.

(b) Studies:

9.506.04 The administration of large urban centres (1976).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.506.27 Regional meeting of administrators of African townships - Central Africa (1976).

Related programmes:

Close collaboration with IULA, CAFRAD, United Nations Division of Public Administration, the ECA Housing, Building and Physical Planning Section and the Human Environment Unit.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

PUBLIC ADMINISTRATION

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.501.01	Assistance to countries and territories (1976-1977)	2	-	2	-	-	3	-	3	-	-
9.501.02	Evaluating and developing existing standard syllabi and curricula in use for professional training by Examinations Boards and Training Institutions(1976-1977)	1	-	-	-	-	1	-	-	-	2
9.501.26	Short-term lectures at training institutions (1976-1977)	2	-	-	-	-	3	-	-	-	-
9.501.27	Meetings on the formation of subregional examinations boards: Eastern and Southern Africa (1976); West and North Africa (1977)	-	-	1	-	3	-	-	1	-	3
9.502.01	Assistance to countries and territories (1976-1977)	-	-	2	6	-	-	-	3	6	1
9.502.03	Case studies on organizational and management problems affecting efficiency in governmental institutions and public enterprises (1977)	-	-	-	-	-	2	1	-	-	2
9.502.04	Structural studies and organizational analysis with respect to allocation of responsibilities and interrelationships, including centralization/decentralization of procurement and supplies responsibilities (1976)	-	-	-	2	2	-	-	-	-	-

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.502.05	On-the-spot study and review of operating practices and techniques in the various stages of procurement and supplies (1976-1977)	-	-	1	4	1	-	-	-	3	2
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) (1976-1977)	-	1	-	2	2	-	1	-	2	3
9.502.21	Preparation of guideline manuals relating to standard procedures and practices on aspects of administration and management such as procurement and supplies (1976-1977)	-	1	-	3	2	-	1	-	2	3
9.502.22	ECA Public Administration Newsletter (1976-1977)	1	-	-	-	3	1	-	-	-	3
9.502.26	Subregional training course for local Government (municipal) treasurers on local Government financing: Eastern and Southern Africa (1976); West and North Africa (1977)	2	-	-	-	1	2	-	-	-	1
9.502.27	Subregional course for town clerks on local Government general administration and management: Eastern and Southern Africa (1976); West and North Africa (1977)	-	-	2	-	-	-	-	2	-	1

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.502.28	Peripatetic national training workshops on personnel management and staff development: Eastern and Southern Africa (1976); West and North Africa (1977)	3	-	-	-	-	3	-	1	-	-
9.502.29	Subregional training workshops on management improvement techniques and administrative capability in plan formulation and implementation (1976-1977)	-	-	2	-	-	-	-	2	-	-
9.502.30	Top-level subregional orientation courses for higher managerial personnel in personnel administration (1976-1977)	1	-	1	-	-	1	-	-	-	1
9.502.32	Top-level subregional - regional conferences of policy-makers from Government and parastatal organizations concerned with procurement and supplies (1976-1977)	-	-	-	2	1	-	-	-	2	1
9.502.33	Subregional seminar or expert group meeting for developing training programme for professional training in procurement and supplies management (1976)	-	-	-	2	1	-	-	-	2	1
9.502.34	National and subregional training workshops in the techniques of procurement and supplies management (1976-1977)	1	-	1	8	-	1	-	1	10	-
9.503.01	Assistance to countries and territories (1976-77)	-	-	3	-	-	2	-	3	-	-
9.503.02	Survey and evaluation of technical assistance programme in public administration in Africa (1976)	1	-	-	-	2	-	-	-	-	-

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.503.26	Subregional training courses on the presentation of requests for and the effective use of technical assistance (1976)	2	-	-	-	-	-	-	-	-	-
9.503.27	Subregional seminars of heads of O&M services (1977)	-	-	-	-	-	-	-	2	-	1
9.504.01	Assistance to countries and territories(1976-77)	-	-	2	-	-	2	-	2	-	-
9.504.02	Organization services in the public sector (revision) (1976)	1	-	-	-	2	-	-	-	-	-
9.504.26	Meeting of experts in organization and productivity - East Africa (1976)	2	-	-	-	-	-	-	-	-	-
9.505.01	Assistance to countries and territories(1976-77)	-	-	3	-	-	1	-	2	-	-
9.505.02	The budget and plan regionalization (1976)	1	-	-	-	-	-	-	-	-	-
9.505.28	Seminar on the budget and plan regionalization (West Africa) (1976)	1	-	1	-	-	-	-	-	-	-
9.506.01	Assistance to countries and territories(1976-77)	-	-	3	-	-	2	-	2	-	-
9.506.02	The administration of urban centres (1976)	1	-	-	-	1	-	-	-	-	-
9.506.27	Regional meeting of administrators of African townships (Central Africa) (1976)	2	-	-	-	3	-	-	-	-	-
Total:		24	2	24	29	24	24	3	24	27	24

9.510 PUBLIC FINANCE AND FINANCIAL INSTITUTIONS

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.511 Budgetary management, taxation policies and measures

Origin:

General Assembly resolution 2562(XXIV); ECOSOC resolutions 1271(XLIII); 1360(XLV) and 1541(XLIX); ECA resolutions 168(VIII); 207(IX) and 218(X), 244(XI); recommendations of the seminar on current problems and training needs in tax administration (E/CN.14/FISC/1). Recommendation of the ECA/OAU Joint Meetings on Trade and Development. Recommendation of the African Ministerial Meeting Preparatory to UNCTAD III, UNCTAD resolution 57(III); African Declaration on Co-operation, Development and Economic Independence.

Project aim:

To enhance the capacity of African countries to support expanded development programme for achieving accelerated growth of their economies through: (a) the improvement of the budgetary systems and policies with a view to rendering the budget an efficient tool for policy and decision-making and in particular for development planning and plan implementation; and (b) the reforming and strengthening of the taxation system, policies and administration to be adaptable to economic development and to contribute effectively to the mobilization of domestic financial resources.

Priority A

Work content:

9.511.01 (a) Assistance to countries and territories (1976-1979):

Providing fiscal advisory services, on request, on matters relating to improvement of budgetary and taxation systems, policies and management.

(b) Studies

9.511.02 The development of improved budgetary systems and management:

(i) Comparative studies of the progress in the improvement of budgetary systems and management by different African countries (1976-1979);

(ii) Development of techniques and procedures for effective co-ordination of the budget and the plan in selected African countries (1976-1979).

9.511.03 Reforming and strengthening of the tax systems and policies:

(i) 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);

(ii) Study of the problem of tax evasion in selected African countries (1976);

(iii) The significance of sales and excise tax administration in the economic development of selected African countries (1977);

(iv) The establishment of an African Association of Finance and Tax Officers (1976-1979).

9.511.04 Evaluation of tax incentives for economic development:

(i) Study of the impact of tax incentives for investment on Government revenue collections in selected African countries (1978-1979);

(ii) Study on the harmonization of fiscal incentives and measures in selected subregional groupings (1977-1979).

9.511.05 Study on measures for balanced growth of public debt and revenues in selected African countries (1978-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.511.26 Seminar on tax policy legislation and administration (1976 and 1978);

- 9.511.27 Seminar on budget-plan harmonization (1977-1979);
- 9.511.28 Local (national) training course on request in tax policy, legislation and administration (1976-1979);
- 9.511.29 Local (national) training course on request, on budget-plan harmonization (1976-1979).

Related programmes:

Close collaboration with United Nations Headquarters and other ECA Divisions.

- 9.512 The role of domestic financial institutions in development

Origin:

UNCTAD resolution 28(II); ECA resolution 98(VI); 207(IX) and 218(IX), 244(XI); recommendation of the ECA/OAU Joint Meeting on Trade and Development; recommendation of the regular Meeting of the Association of African Central Banks; recommendation of the African Ministerial Meeting Preparatory to UNCTAD III; UNCTAD resolution 57(III); African Declaration on Co-operation, Development and Economic Independence.

Project aim:

Improving mobilization of sources of domestic finance for development. In view to increase investment resources and to direct these resource towards the expansion of capital formation.

Priority A

Work content:

- 9.512.01 (a) Assistance to countries and territories (1976-1979):
- Country missions on request.
- (b) Studies:
- 9.512.02 Evaluation of the role of various domestic institutions in mobilizing domestic financial resources (1976-1979);
- 9.512.03 Country studies of savings policies, structures, sources and volume (1977-1979);

9.512.04 The role of Unit Trusts in the development of African countries (1976);

9.512.05 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 development (1978-1979);

9.512.06 Preparing periodic reviews of progress in the mobilization of domestic financial resources in African countries, as a basis for advice to Governments on appropriate policies and measures (1976-1979).

9.513 Monetary and financial aspects of African development

Origin:

General Assembly resolutions 2087(IX); 2415(XXIII); 2565(XXIV); 2570(XXIV); and 2571(XXIV); ECOSOC resolutions 1287(XLIII); 1352(XXIV); 1451(XLVIII); UNCTAD resolution A.IV.12; 27(II), 30(II), 32(II), 33(II); Commission resolutions 43(IV), 140(VII), 168(VIII), 169(VIII), 201(IX), 218(X), 228(X) and 244(XI); recommendation of the ECA/OAU Joint Meeting on Trade and Development; recommendations of the regular Meeting of the Association of African Central Banks; recommendations of the African Ministerial Meeting Preparatory to UNCTAD III; recommendation of the Group of "77" in Lima. UNCTAD resolutions 42(III), 55(III), 56(III), 58(III), 59(III), 69(III), 61(III), 84(III); African Declaration on Co-operation, Development and Economic Independence.

Project aim:

Increasing financial aid to Africa and improving its conditions, strengthening financial and monetary co-operation among African countries and evaluating the results of foreign investment to adopt appropriate measures aimed at 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:

9.513.01 (a) Assistance to countries and territories (1976-1979):

Assisting the African Group in various international bodies in formulating a common position on various international financial and monetary problems; formulating adequate country aid policies and foreign investment legislation; formulating adequate country insurance and reinsurance policies and legislation; supporting the expansion of activities of the Association of African Central Banks and providing secretariat services for it; supporting the expansion of activities of the Association of African insurance controllers and providing secretariat services for it.

(b) Studies:

- 9.513.02 Annual survey of the monetary situation in Africa.
- 9.513.03 Annual survey of international monetary problems and their impact on Africa trade and development and financial and technical assistance to Africa.
- 9.513.04 Studies of the possibilities of creating African payments and monetary unions on a subregional basis (1976);
- 9.513.06 Study of the problem of financing local expenses associated with the implementation of projects (1976);
- 9.513.07 Analysis of bilateral payments agreements in Africa and their impact on intra-African trade expansion (1977-1979);
- 9.513.08 Study of the real volume of aid to Africa and formulation of proposals to improve the terms of and arrangements for public development assistance (1976-1979);
- 9.513.09 Annual survey of the insurance and reinsurance situation in Africa;
- 9.513.10 Comparative study on harmonization or unification of insurance and reinsurance legislation and incentives in African countries (1976-1979);
- 9.513.11 Study of the ways and means in which insurance and reinsurance African companies may be efficient instruments for the economic promotion of their African countries and the direction of their reserves into national investments (1976);
- 9.513.12 Study of the ways and means of providing co-operation between the African insurance and reinsurances companies in various fields (1976-1979);

- 9.513.13 Study of measures aimed at the improvement and the unification of African subregional capital markets and at the creation of a regional capital market (1978-1979);
- 9.513.14 Assessment of the benefits and costs of private foreign investment of interested Governments (1978-1979);
- 9.513.15 Comparative study on harmonization of investment legislation and incentives (1978-1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.513.26 African meetings on monetary issues and finance in connexion with the annual meetings of the IBRD and IMF;
- 9.513.27 Regular meetings of the Association of African Central Banks (1977-1979);
- 9.513.28 Extraordinary meetings of the Association of African Central Banks;
- 9.513.29 Annual meetings of the subregional committees of the Association of African Central Banks (1976-1978);
- 9.513.30 Regular meetings of the Association of African Insurance Controllers.

Related programmes:

Close collaboration with IBRD, IMF, ADB, OAU and ECA Divisions.

PUBLIC FINANCE AND FINANCIAL INSTITUTIONS

Code	1976					1977				
	Man-months required					Man-months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.511.01	-	-	3	-	-	-	-	3	-	-
9.511.02(i)	4	-	-	-	-	4	-	-	-	-
(ii)	4	-	-	-	-	4	-	-	-	-
9.511.03(i)	4	-	-	-	-	-	-	-	-	-
(ii)	4	-	-	-	-	-	-	-	-	-
(iii)	-	-	-	-	-	4	-	-	-	-
(iv)	3	-	1	-	-	3	-	1	-	-
9.511.04(ii)	-	-	-	-	-	4	6	-	-	-
9.511.26	3	-	2	-	-	-	-	-	-	-
9.511.27	-	-	-	-	-	3	-	2	-	-
9.511.28	-	-	3	-	-	-	-	3	-	-
9.511.29	-	-	3	-	-	-	-	3	-	-
9.512.01	1	-	-	-	-	1	-	-	-	-
9.512.02	5	-	-	-	-	5	-	-	-	-
9.512.03	-	-	-	-	-	2	-	-	-	-
9.512.04	2	-	-	-	-	-	-	-	-	-
9.512.06	1	-	-	-	-	1	-	-	-	-
9.513.01	10	-	-	-	-	10	-	-	-	-
9.513.02	2	-	-	-	-	2	-	-	-	-
9.513.03	2	-	-	-	-	2	-	-	-	-
9.513.04	-	-	-	29 ^{1/}	-	-	-	-	-	-
9.513.06	2	-	-	-	-	-	-	-	-	-
9.513.07	-	-	-	-	-	2	-	-	-	-
9.513.08	2	-	-	-	-	2	-	-	-	-
9.513.09	2	-	-	-	-	2	-	-	-	-
9.513.10	2	-	-	-	-	3	-	-	-	-
9.513.11	2	-	-	-	-	-	-	-	-	-
9.513.12	2	-	-	-	-	3	-	-	-	-
9.513.26-30	3	-	-	-	-	3	-	-	-	-
Total:	60	-	12	29	-	60	-	12	-	-

^{1/} Project tentatively approved by UNDP.

9.520 SCIENCE AND TECHNOLOGY

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

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

Origin:

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

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:

9.521.01 (a) Assistance to countries and territories (1976-1979):

Create or strengthen technological planning units for economic development planning; and provide, on request, advisory services on science and technology development.

(b) Studies:

9.521.02 Surveys of Government machinery for planning and administration in science and technology (1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.521.26 Seminar on the management of scientific research establishments (1976).

Related programmes:

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

9.522 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(XLI); 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:

9.522.01 (a) Assistance to countries and territories (1976-1979):

In the determination of needs and priorities for technological development.

(b) Studies:

9.522.02 Continuation and up-dating of techno-economic surveys of African countries (1976-1979);

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 (1976-1979);

9.522.04 Case studies of costs of technology, installation, commissioning and regular operation of selected industrial plants in the African countries (1976-1979).

Related programmes:

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

9.523 Development of principles and procedures for technological development planning

Origin:

ECOSOC resolution 980(XXXVI); Commission terms of reference and report of first session.

Project aim:

To develop guidelines and procedures for technological development planning.

Priority A

Work content:

9.523.01 (a) Assistance to countries and territories (1976-1979):

In the development of programmes for technology policy research.

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.523.27 Symposium on technological planning in Africa (1977).

Related programmes:

Co-operation with UNESCO, UNIDO and ECA Economic Research and Planning Division will be required.

9.524 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:

To designing of training programmes, conduct of courses and establishment of institutions for the development of manpower for science and technology.

Priority A

Work content:

9.524.01 (a) Assistance to countries and territories (1976-1979):

In the creation of centres for advanced study and research in applied science and technology.

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.524.27 Exchange schemes for technologists and scientists (1976-1979);

9.524.28 Industrial training schemes for engineers and technologists (1976-1979).

Related programmes:

Collaboration with UNESCO, UNIDO, OAU and co-operation with ECA Human Resources Development Division.

9.525 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) and 248(XI).

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:

9.525.01 (a) Assistance to countries and territories (1976-1979):

In the establishment and strengthening of national machinery for the implementation of the African Regional Plan for science and technology development; in the mobilization of bilateral assistance in support of the African Regional Plan and offering assistance to and maintaining liaison with universities, institutes and other organizations concerned with technological research and development.

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.525.26 Meeting on the review and appraisal of progress in the implementation of the African Regional Plan (1976,1978);

9.525.27 Symposium on marine science and technology (1976-1978);

9.525.28 Training course in research management (1978-1979).

Related programmes:

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

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

Origin:

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

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:

9.526.01 (a) Assistance to countries and territories (1976-1979):

The promotion of scientific and technical journalism in mass media; the development and implementation of science and technology popularization programmes; the development of programmes for keeping leaders and decision-makers informed on major issues of science and technology; and 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 (1978-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.526.26 Country seminars on the World and African Regional Plan of Action for science and technology (1976-1977);

9.526.27 Country seminars on science and mass media (1976, 1978);

9.526.28 Training attachments for science editors (1977, 1979).

Related programmes:

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

9.527 Promotion of regional co-operation in science and technology

Origin:

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

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:

9.527.01 (a) Assistance to countries and territories (1976-1979):

Assistance in the establishment of machinery for co-operation, identification of areas of collaboration, and the development of specific co-operative projects.

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.527.26 Meetings of Intergovernmental Committee of Experts for Science and Technology Development in Africa (1976-1979);

9.527.27 Conference of African Ministers responsible for science and technology (1976).

Related programmes:

Close collaboration with UNESCO, OAU and ECA Centre for Economic Co-operation.

MAN-MONTHS REQUIREMENTS ; 1976 AND 1977

TABLE PCU 1-74

SCIENCE AND TECHNOLOGY

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.521	Establishment and management of national organizations for technological development planning and administration	6	4	-	-	-	6	-	-	-	-
9.522	Collection and analysis of data on the technoeconomic situation and technological needs and priorities in member States	5	-	-	-	-	7	6	-	-	-
9.523	Development of principles and procedures for technological development planning	4	-	-	-	-	6	4	-	-	-
9.524	The development of manpower for science and technology	7	11	-	-	-	7	-	-	3	-
9.525	Development of institutional infrastructure for technological research and development	24	6	11	-	-	24	4	-	-	-
9.526	Promotion of popular support for the application of science and technology to development	6	-	-	-	-	5	-	-	2	-
9.527	Promotion of regional co-operation in science and technology	9	7	-	-	-	5	-	-	-	-
Total:		60	28	11	-	24	60	14	-	5	24

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 (1976-1979):

Provide advisory and technical assistance, on 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 (1976-1977);

9.531.03 Study of the attitudes towards technological innovations in rural communities in Africa especially among peasant societies (1977-1978);

9.531.04 Study of the social and economic consequences of improved technologies in certain sectors among selected communities in Africa (1978),

(c) Collection and dissemination of information:

- 9.531.20 "Village Technology Newsletter" (1976-1979);
9.531.21 Handbook of recommended technology for rural projects and communities (1978-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.531.26 Workshop on the application of village technology for increasing productivity (1977).

Related programmes:

Collaboration with UNICEF, NGO's concerned and relevant ECA Divisionns.

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

- 9.532 The African social situation

Origin:

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

Project aim:

Analyses of social development problems in Africa to assess their policy implications. Participation in the preparation of the United Nations World Social Situation.

Priority A

Work content:

- 9.532.01 (a) Assistance to countries and territories (1976-1979):

To strengthen national social policies, administration and institutions.

- (b) Studies:

- 9.532.02 Review of social trends and major social development problems, as a basis for ECA's contribution to the United Nations World Social Situation (1976-1979);

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

- 9.532.04 Social and institutional implications of industrialization in African countries (1977);
- 9.532.05 Africa Chapter of World Social Situation (1977).
(c) Collection and dissemination of information:
- 9.532.20 "Social Welfare Services in Africa Series" (1976-1979).
- 9.533 Promotion and co-ordination of voluntary and United Nations assistance for rural development

Origin:

Commission resolutions 197(IX) and 218(X); recommendations of the Regional Conference on the Integrated Approach to Rural Development in Africa (October 1969); and 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 international voluntary agencies sponsoring rural development programmes in Africa.

Priority A

Work content:

- 9.533.01 (a) Assistance to countries and territories (1976-1979):
Advisory and technical assistance in integrated rural development projects.
- (b) Studies:
- 9.533.02 Participation in studies of such voluntary projects in rural development and problems of the human environment (1976-1979).
- (c) Collection and dissemination of information:
- 9.533.20 Directory of international voluntary agencies activities (Third Edition, 1977);
- 9.533.21 "Rural Development Newsletter" - a quarterly bulletin of the Voluntary Agencies Bureau (1976-1979);

9.533.22 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 (1976-1979).

9.534 Participation of women in development

Origin:

General Assembly resolutions 2460(XXIV), 2543(XXIV) and 2716(XXV); ECOSOC resolution 1408(XLVI); Commission resolution 170(VIII) and recommendations of the regional conference on education, vocational training and work opportunities for girls and women in Africa (Rabat, May 1971).

Project aim:

To assist member States in the strengthening of their programmes towards the full participation of girls and women in national development.

Priority A

Work content:

9.534.01 (a) Assistance to countries and territories (1976-1979):

Advisory services to member States and to voluntary agencies, at their request, on vocational and technical training for women in self-employment, and in wage employment, in rural and urban areas; on prevocational and vocational training for young women; on services for working mothers on better levels of family living including planning, and on establishment of national commissions and women's bureaux as strategy to augment the participation of women in national development; and establishment of Task Force and Training Centre.

(b) Studies:

9.534.02 Country studies on pre-vocational and vocational training opportunities and institutions for girls and women (1976-1979);

9.534.03 Self-employed women in marketing, industry and services, participation of the commercial women in the modern economy; factors which hinder or augment this participation (1976);

9.534.04 Study of women's participation in co-operatives and loan associations (1977).

(c) Collection and dissemination of information:

9.534.21 "African Women" - a quarterly newsletter on women in development (1976-1979).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.534.26 Itinerant (national) training and workshops for trainers in home economics and other family-oriented fields (1976-1979);

9.534.27 Training of women leaders and national planners on national machinery for the participation of women in national development (1976);

9.534.28 Training of trainers and programme planners engaged in marketing of products of small-scale industries (1977).

Related programmes:

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

9.535 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 in strengthening national social welfare and social administration institutions; to promote and assist international co-operation in development social welfare training and research.

Priority A

Work content:

9.535.01 (a) Assistance to countries and territories (1976-1979):

Advisory and training services in the various fields and social development; support to ASWEA in promoting regional programme of studies, collection of case work materials and production of indigenous teaching materials for social work education in Africa; general social work education, through newsletter and journals (FES); expert group meetings; and production of Directory of Social Welfare Activities in Africa; and establishment of regional research and training centre for social development.

(b) Studies:

- 9.535.02 Issues in social defence policy formulation and implementation in Africa (1976);
- 9.535.03 Study of the organization and functioning of national service schemes and their impact on development (1976);
- 9.535.04 Study of priorities of African social services and the equitable distribution of their financing with particular reference to health and nutrition programmes (1977);
- 9.535.05 Study on attitudes of rural families toward family size and acceptance of family planning (1976);
- 9.535.06 Study of basic social and economic factors and infrastructures for successful implementation of family planning programmes in rural and urban communities (1977).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.535.26 Meetings of Inter-Agency Consultative Group for Social Development (1976-1979);
- 9.535.27 Symposium on national service programmes and development (1977).

Related programmes:

Collaboration with UNICEF, DANIDA, PAID and ASWEA.

- 9.536 Integrated rural development

Origin:

Commission terms of reference, and resolution 197(IX).

Project aim:

To assist in strengthening national rural development institutions; to assist member States in adopting policies and introducing measures (including agrarian reform and institutional structures) required for rural transformation, as a necessary basis for accelerated development.

Priority A

Work content:

9.536.01 (a) Assistance to countries and territories (1976-1979):

Advisory services to member States; operational assistance in integrated rural development projects; and mission and assistance to liberated areas of colonial territories.

(b) Studies:

9.536.02 Social security programmes for rural populations (1976);

9.536.03 Country case studies and comparative study of the organization, administration and financing of rural development programmes in Africa; and the preparation of models for integrated rural development - Revision (1977).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.536.26 Symposium on priorities of African social services with particular reference to facilities for rural health and nutrition (1977);

9.536.27 Second symposium on rural development in Africa (1978).

Related programmes:

Collaboration with the United Nations specialized agencies, UNICEF, WHO and ECA/FAO Joint Agriculture Division.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

SOCIAL DEVELOPMENT

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.531.01	Assistance to countries	-	-	12	-	-	-	-	12	-	-
9.531.02	Technology in rural development (first phase)	3	-	-	4	-	3	-	-	4	-
9.531.03	Technology in rural development (phase II)	3	-	-	4	-	3	-	-	4	-
9.531.20	Village Technology Newsletter	2	-	-	-	-	2	-	-	-	-
9.531.21	Handbook of Technology	3	-	-	2	-	3	-	-	-	-
9.531.26	Workshop on the application of village technology	-	-	-	2	-	4	-	-	4	-
9.532.01	Assistance to countries	3	-	-	-	-	3	-	-	-	-
9.532.02	Review of social trends and social situation	3	-	-	-	-	3	-	-	-	-
9.532.03	Comparative study of methods of income distribution	4	6	-	-	-	-	-	-	-	-
9.532.04	Social and institutional implications of industrialization	2	-	-	-	-	4	-	-	-	-
9.532.05	Africa Chapter of World Social Situation	-	-	-	-	12	2	4	-	-	12
9.533.01	Assistance to countries	-	-	12	-	-	-	-	12	-	-
9.533.02	Identification, formulation, implementation and evaluation of voluntary projects	4	-	-	-	-	4	-	-	-	3

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.533.20	Directory of International Voluntary Agencies activities, 3rd ed.	2	-	-	-	6	2	-	-	-	6
9.533.21	Rural Development Newsletter	3	-	-	-	12	3	-	-	-	12
9.534.01	Assistance to countries	3	-	-	4	-	3	-	-	4	-
9.534.02	Country studies on pre-vocational and vocational training	4	-	-	-	8	4	-	-	-	8
9.534.03	Self-employed women	4	-	-	4	-	-	-	-	-	-
9.534.04	Study of women's participation in co-operatives, etc.	-	-	-	-	-	4	-	-	4	-
9.534.20	"African Women" Newsletter	4	-	-	-	-	4	-	-	-	-
9.534.26	Itinerant training and workshops	8	-	-	4	-	8	-	-	4	-
9.534.27	Training of women leaders for participation in development	6	-	-	-	-	-	-	-	-	-
9.534.28	Training of trainers and programme planners	-	-	-	-	28	6	-	-	-	28
9.535.01	Assistance to countries	3	-	4	-	-	3	-	4	-	-
9.535.02	Issues in social development policy formulation and implementation	4	-	-	-	-	-	-	-	-	-
9.535.03	Organizational and functional of national service schemes	4	-	-	-	-	-	-	-	-	-
9.535.04	Priorities of African social services	-	-	-	-	-	4	-	2	-	-

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.535.05	Attitudes of rural families toward family size, etc.	4	-	2	-	-	-	-	-	-	-
9.535.06	Basic social and economic factors and infrastructure	-	-	-	-	-	6	-	-	-	-
9.535.26	Meetings of Inter-Agency Consultative Group for Social Development	2	-	-	-	-	2	-	-	-	-
9.535.27	Symposium on national service programmes	4	-	-	-	12	6	-	-	-	12
9.536.01	Assistance to countries	-	-	6	-	-	-	-	6	-	-
9.536.02	Social security programme for rural populations	4	-	-	-	-	-	-	-	-	-
9.536.03	Country case studies in rural development	-	-	-	-	-	6	-	-	-	-
9.536.26	Symposium on priorities of African social services	-	-	-	-	12	6	-	-	-	12
Programme Management and Support		10	-	-	-	6	10	-	-	-	6
Total:		96	6	36	24	108	108	4	36	24	108

9.540 STATISTICS

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.541 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 reports 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:

9.541.01 (a) Assistance to countries and territories (1976-1979):

Advisory services in demographic statistics, economic statistics, national accounts, sample surveys, statistical organization, data processing, national economic surveys and the development of economic information services; support to existing national and regional training centres at middle and professional levels through participation in their training programmes and provision of advisory services in curriculum development.

(b) Studies:

Methodological studies and manuals:

9.541.04 Methods and practices of record keeping (1977).

Demographic and social statistics:

9.541.05 Study on migration statistics (1976);

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

9.541.07 Study on the methods and problems of African population censuses and surveys, 1964-1974 (1976).

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

- 9.541.26 The tenth (1977) and eleventh (1979) sessions of the Conference of African Statisticians;

National Accounts:

- 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);
- 9.541.31 Training course in national accounts for French-speaking African professional national accounting personnel (1977);
- 9.541.32 Workshop on fixed capital formation and construction statistics (1977);
- 9.541.33 Workshop on national accounting at constant prices (1978);
- 9.541.34 Workshop on the treatment of the services sector in national accounts (1979);

General economic statistics:

- 9.541.35 Working group on transport statistics (1976);
- 9.541.36 Seminar on industrial statistics (1978);

Demographic and social statistics:

- 9.541.38 Working group on evaluation of the 1970 World Population and Housing Census Programme in African countries (1976);
- 9.541.39 Working group on recommendations for the 1980 round of population and housing censuses in Africa (1977);
- 9.541.40 Working group on demographic and social statistics (1978);
- 9.541.41 Working group on migration statistics (1979);

Economic information:

- 9.541.43 Working group on the provision of information for the appraisal of economic and social progress in the region (1976).

Related programmes:

All components of this project will be implemented in co-operation with ECA member States. The work will be carried out in collaboration with the United Nations Statistical Office, OTC, UNESCO, FAO 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.

9.542 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:

Statistical studies: National accounts:

- 9.542.02 Compilation and analysis of economic aggregates for all countries of the region, using secretariat estimates where necessary (annually);
- 9.542.03 Purchasing power parities of African currencies (1969-1976);
- 9.542.04 Balance of payments of African countries (1976-1979);
- 9.542.05 Patterns of private consumption expenditure (1976);
- 9.542.07 Price movements during the period 1960 to 1970 in relation to similar movements in other regions (1976);

- 9.542.10 Financing of public sector investments (1976-1977);
- 9.542.11 Analysis of public sector accounts (1976-1978);
- 9.542.12 Statistical relationship between economic aggregates
for use in improving national accounts estimates (1977-1979);
- 9.542.13 Analysis of trends in private and public consumption
expenditure, 1960-1975 (1978-1979);
- General economic statistics:
- 9.542.14 Processing and analysis, mainly for other ECA
divisions (annually);
- 9.542.17 African industrial censuses undertaken in connexion
with the 1973 World Programme of Industrial Statistics (1976);
- 9.542.18 Construction statistics (1976);
- 9.542.20 Import and export trade indices and terms of trade
(1977-1979);
- Demographic and social statistics:
- 9.542.22 Evaluation of selected social indicators (1977-1978);
- Additional projects proposed:
- 9.542.23 Development of an African data bank of economic,
demographic and social statistics (annual);
- 9.542.24 Compilation and analysis of data collected from
multi-purpose household surveys in Africa (1977-1979);
- 9.542.25 Compilation and analysis of data on distribution
of private consumption and income for selected African
countries (1977-1979);
- 9.542.26 Regional study on international comparison of prices
of producers' goods (1977-1979);
- 9.542.27 Study on producers' prices of principal primary
commodities for African countries (1978-1979);
- 9.542.28 Study and analysis of input-output tables compiled for
selected African countries (1978-1979).
- (c) Collection and dissemination of information:
- 9.542.30 Statistical Newsletter (periodical);

- 9.542.31 Statistical and Economic Information Bulletin^{1/}
(periodical);
- 9.542.32 Foreign Trade Statistics for Africa, Series A,
Direction of Trade (periodical);
- 9.542.33 Foreign Trade Statistics for Africa, Series B,
Trade by Commodity and by Country (half-yearly);
- 9.542.34 African Economic Indicators (annual);
- 9.542.35 African Statistical Yearbook (annual)
- 9.542.36 Economic Data Summaries for individual African
countries (annual);
- 9.542.37 Bibliography of African Statistical Publications
(biennial);
- 9.542.38 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.

^{1/} Shall include abstracts of important national studies.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

STATISTICS

Code	Project Title	1976			1977		
		Man-months required					
		EP	RA	GS	EP	RA	GS
9.541.01	Assistance to countries and territories						
	(a) Advisory service	3	6	6	3	6	6
	(b) Support to existing training centres	-	-	-	-	-	-
9.541.04	Methods and practices of record keeping (1977)	-	-	-	2	1	1
9.541.05	Study on migration statistics (1976)	3	-	2	-	-	-
9.541.06	Study on the enumeration of nomadic population (1976)	4	-	2	-	-	-
9.541.07	Study on the methods and problems of African population censuses and surveys (1964-1974) (1976)	5	-	2	-	-	-
9.541.26	The 10th session of the Conference of African Statisticians (1977)	1	-	-	6	$\frac{1}{2}$	6
9.541.29	Workshop on the revised UN System of National Accounts (1976)	4	2	2	-	-	-
9.541.30	Training course in national accounts for English-speaking African professional national accounting personnel (3 weeks) (1976)	4	4	2	-	-	-
9.541.31	Training course in national accounts for French-speaking African professional national accounting personnel (3 weeks) (1977)	-	-	-	2	$2\frac{1}{2}$	2
9.541.32	Workshop on fixed capital formation and construction statistics (1977)	1	-	-	6	2	4
9.541.33	Workshop on national accounting at constant prices (1977)	-	-	-	2	1	-
9.541.35	Working group on transport statistics (1976)	7	-	5	-	-	-

Code	Project Title	EP	RA	GS	EP	RA	GS
9.541.36	Seminar on industrial statistics (1978)	3	-	3	3	-	6
9.541.38	Working group on evaluation of the 1970 World Population and Housing Census Programme in African countries (1976)	7	-	9	-	-	-
9.541.39	Working group on recommendations for the 1980 round of population and housing censuses in Africa (1977)	1	-	1	7	-	6
9.541.40	Working group on demographic and social statistics (1978)	-	-	-	2	-	-
9.541.43	Working group on the provision of information for the appraisal of economic and social progress in the region (1976)	6	3	2	-	-	-
9.542.02	Compilation and analysis of economic aggregates for all African countries (annual)	15½	-	30	7½	-	24
9.542.03	Purchasing power parities of African currencies (1969-1976)	10	-	14	-	-	-
9.542.04	Balance of payments of African countries (1976-1977)	2	-	7	1½	-	7
9.542.05	Pattern of private consumption expenditure (1976)	10	-	14	-	-	-
9.542.07	Price movements during the period 1960 to 1970 in relation to similar movements in other regions (1976)	7	-	5	-	-	-
9.542.10	Financing of public sector investments (1976-1977)	2	-	7	2	-	8
9.542.11	Analysis of public sectors accounts (1976-1977)	4	-	7	3	-	6
9.542.12	Statistical relationships between economic aggregates for improving national accounts estimates (1977-1979)	-	-	-	1	-	4

Code	Project Title	EP	RA	GS	EP	RA	GS
9.542.13	Analysis of trends in private and public consumption expenditure 1960-1975 (1978-1980)	-	-	-	3 $\frac{1}{2}$	-	-
9.542.14	Processing and analysis, mainly for other ECA divisions (annual)	13	1	61	14	1	44
9.542.17	African industrial censuses undertaken in connexion with 1973 World Programme of Industrial Statistics (1976)	7	-	13	-	-	-
9.542.18	Construction statistics (1976)	4	-	4	-	-	-
9.542.20	Import and export prices and terms of trade (1977)	3	-	13	4	-	12
9.542.22	Evaluation of selected social indicators (1977)	-	-	-	3	-	2
9.542.23	Development of an African data bank of economic, demographic and social statistics	-	-	-	35	-	60
9.542.24	Compilation and analysis of data collected from multi-purpose household surveys in Africa (1977)	6	-	-	11	-	14
9.542.25	Compilation and analysis of data on the distribution of consumption and income for selected African countries (1977)	-	-	-	5	-	6
9.542.26	Regional study on international comparison of prices of producers' goods (1977)	-	-	-	3	-	-
9.542.27	Study on producers' prices of principal primary commodities for African countries (1978-1980)	-	-	-	4	-	-
9.542.30	Statistical Newsletter	1	-	3	1	-	4
9.542.31	Statistical and Economic Information Bulletin	3	1	30	5	1	30

Code	Project Title	EP	RA	GS	EP	RA	GS
9.542.32	Foreign Trade Statistics for Africa, Series A	5	-	30	5	-	27
9.542.33	Foreign Trade Statistics for Africa, Series B	5	1	54	5	1	54
9.542.34	African Economic Indicators	2	-	2	2	1	2
9.542.35	African Statistical Yearbook	13	-	54	11	-	48
9.542.36	Economic Data Summaries for individual African countries	12	4	12	14	5	12
9.542.38	African Directory of Statisticians	-	-	-	-	-	1
	Country visits for data collection	1½	2	-	1½	2	-
Programme Management and Support		5	-	12	5	-	12
Total:		180	24	408	108	24	408

9.550 TRANSPORT AND COMMUNICATIONS

A. TRANSPORT

D. DEVELOPMENT OF ESSENTIAL SERVICES

9.551 Planning and development of African transport

Origin:

ECOSOC resolutions 935(XXXV), 1082(XXXIX), 1202(XLII), 1804(LV); Commission resolutions 161(VIII), 195(IX) and 198(IX).

Project aim:

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

Priority A

Work content:

9.551.01 (a) Assistance to countries and territories (1976-1979):

Advising 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 organizational implications of a proposed system of international intermodal transport operations (IIT); establishment of subregional intergovernmental machinery for Transport and Communications; tourism; establishment of multinational shipping lines; and establishment of national and multinational Shippers' Councils; assistance to the Union of African Railways and the Port Management Associations; rendering assistance to multinational institutions.

(b) Studies:

9.551.02 General feasibility study of manpower development for transport system design, transport economics, transport technology, etc. and the establishment of institutional facilities (1976-1979);

9.551.03 Inland water transport development: studies on the utilization of inland water transport and the improvement of water ways including review of the status of inter-governmental machinery, international agreements, river shipping operations, administrative arrangements and manpower: West and Central Africa (1976), East and North Africa (1977);

9.551.04 Coastal shipping development (1976-1979):

- (i) Studies of maritime and coastal shipping statistics by route and commodity with special reference to the Western/Central African shipping range (1976-1977);
- (ii) Studies of existing coastal shipping facilities and their organization (1976-1977);
- (iii) Studies of potential coastal freight traffic by route and commodity (1977-1979);
- (iv) Studies on the establishment of multinational coastal shipping lines (1979);
- (v) Negotiating meetings for the establishment of multinational coastal shipping lines: East African shipping range, West/Central African shipping range (1978-1979).

9.551.05 Air transport development: studies of air-freight potentials and promotion of measures to exploit such potentials with special reference to intra-African trade (1976-1977);

9.551.06 Study of the utilization and sharing of aviation common services in respect of air-worthiness of aircraft; licensing of personnel; maintenance of flight standards; and organization of safety services and the promotion of measures of co-operation in such utilization and sharing (1976-1979).

- (d) Conferences, meetings, seminars and expert working groups (1976-1979);

9.551.20 Ports and harbours development: Seminar on port management and operations (USSR) (1976-1977);

9.551.26 Negotiating meetings on the establishment of facilities for education and training in transport planning and management and in automotive technology (1976-1979);

9.551.28 Seminar on the role of rural roads, their design, construction and maintenance (1979);

9.551.29 Seminar on road maintenance, organization and facilities (1978).

Related programmes:

Close collaboration with OAU, UNDP, UNCTAD, IMCO, ADB, UAR, AFCAC, ECA Manpower and Training Section, Centre for Economic Co-operation and interested financing agencies.

9.552 Communications: development of telecommunications

Origin: Commission resolution 162(VIII).

Project aim:

Development and improvement of national, subregional and regional telecommunication networks and services.

Priority A

Work content:

9.552.01 (a) Assistance to countries and territories (1976-1979):

Assisting in manpower development in surveying and evaluation of existing telecommunications facilities; project identification and design; project implementation; in the implementation of the Pan-African Telecommunication Network; and in establishing an African Telecommunication Union.

(b) Studies:

9.552.02 Studies of the problems of development and improvement of telecommunication services (1976-1979):

(a) Establishment of manufacturing industries for low priced radio receivers (1976);

(b) Establishment of manufacturing in industries for telecommunication service equipment and components (1978).

- 9.552.03 Second phase of the study of the impact on the region of satellite communication services and the economics of their installation and use. This would be an in-depth study including the possibilities of a Regional Communication Satellite Service (1978-1979);
- 9.552.04 Studies of broadcasting techniques for promoting the extension of national, subregional and regional coverage, and improvement of mass communication: the economics of VHF-FM Sound Broadcasting and Cable-TV (1977);
- 9.552.05 Continuing studies on a Regional Satellite Broadcasting System and its establishment (1978-1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.552.26 Meeting on the establishment of the Pan-African Telecommunication Union (1976-1977);
- 9.552.27 Meeting on the establishment of regional satellite communication training institute(s) (1978);
- 9.552.28 Meeting on the establishment of telecommunication industries (1979).

Related programmes:

Close collaboration with OAU, UNESCO, ITU, ADB, ECA's Manpower and Training Section and TAPCO.

9.553 Improvement of postal services

Origin:

Commission resolutions 124(VI) and 202(IX).

Project aim:

To assist member States in improving their postal systems in order to enable them to provide more efficient internal and international services.

Priority A

Work content:

9.553.01 (a) Assistance to countries and territories (1976-1979):

Advisory services will be rendered: on methods of improving surface and air postal services; on ways and means of establishing better mail routing links; on harmonization of postal tariffs and on the establishment of postal training institutions.

(b) Studies:

9.553.02 Studies on existing syllabi and course materials of and evaluating and developing postal training programmes.

(d) Conferences, meetings, seminars and expert working groups (1976-1979):

9.553.26 Subregional training on routing and mail tariffs (1976);

9.553.27 National training courses on financial management of postal services: East and Southern Subregions (1977) West (1977) and Central Subregion (1978);

9.553.28 Regional seminar on harmonization of mail tariffs (1979).

Related programmes:

Close collaborating with UPU, UNDP, other technical assistance agencies and African Postal Organizations.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

TRANSPORT AND COMMUNICATIONS

Code	Man-months required 1976				Man-months required 1977			
	P	C	RA	XB	P	C	RA	XB
9.551.01	14	3	9 $\frac{1}{2}$	20	19	-	9	19
9.551.02	4	-	-	18	4	-	-	6
9.551.03	5	-	1	8	3	-	1 $\frac{1}{2}$	9
9.551.04	6	-	-	10	5	-	-	12
9.551.05	8	-	-	10 $\frac{1}{2}$	8	-	-	-
9.551.20	3	-	-	-	3	-	-	-
9.551.26	3	-	-	2	2	-	-	4
9.551.27	3	-	-	2	2	-	-	2
	46	3	9 $\frac{1}{2}$	70 $\frac{1}{2}$	46	-	10 $\frac{1}{2}$	52
<u>Communications</u>								
9.552.01	6	-	-	10 $\frac{1}{2}$	4	-	-	21
9.552.02	2 $\frac{1}{2}$	-	-	6	2	-	-	-
9.552.04	-	-	-	-	2 $\frac{1}{2}$	-	-	10 $\frac{1}{2}$
9.552.26	1	-	-	-	1	-	-	-
9.553.01 & 11.553.02	-	-	-	10 $\frac{1}{2}$	-	-	-	10 $\frac{1}{2}$
9.553.26, 11.553.27 and 11.553.28	-	-	-	10 $\frac{1}{2}$	-	-	-	10 $\frac{1}{2}$
	9 $\frac{1}{2}$	-	-	37 $\frac{1}{2}$	9 $\frac{1}{2}$	-	-	52 $\frac{1}{2}$
Leave	9	-	-	-	9	-	-	-
Management	7 $\frac{1}{2}$	-	-	-	7 $\frac{1}{2}$	-	-	-
Total:	72	3	9 $\frac{1}{2}$	108	72	-	10 $\frac{1}{2}$	104 $\frac{1}{2}$

9.554 INTERNATIONAL ROADS AND ROAD TRANSPORT

Origin:

Commission resolutions 103(VI) and 226(X).

Project aim:

To promote the development of international roads and road transport and to improve the techniques of road planning, design, construction and maintenance.

Priority A

Work content:

9.554.01 (a) Assistance to countries and territories (1976-1979):

Development of international roads and road transport; promotion of the ratification of or accession to the revised (Vienna, 1968) United Nations Convention on road traffic and the Protocol on road signs and signals; development of road research facilities and application of research results in the design, construction and maintenance of roads; and standardization of basic road and road transport statistics.

(b) Studies:

Trans-African Highway

9.554.02 Studies of selected sections of the Trans-African Highway (Mombasa-Lagos) Project (1976-1977);

9.554.03 Facilitation of international traffic on the Trans-African Highway (1976-1979);

9.554.04 Trans-African Highway Authority and a Road Fund (1976-1979);

9.554.05 Feeder roads to the Trans-African Highway (1976-1979).

Trans-West African Highway Network

- 9.554.06 Studies of selected sections of the Trans-West African Highway Network: Dakar-Ndjamena (1976-1979);
- 9.554.07 Studies of selected sections of the Trans-West African Highway Network: Dakar-Lagos (1976-1979);
- 9.554.08 Trans-West African Highway Network: Feeder Roads (1976-1979).

Trans-East African Highway

- 9.554.13 Studies of selected sections of the Trans-East African Highway (Gaberones - Cairo) Project (1976-1979).
(d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.554.26 Meeting of the Trans-African Highway Co-ordinating Committee (1976-1979);
- 9.554.27 Trans-West African Highway Network meeting (1976-1979);
- 9.554.28 Meeting between the Trans-African Highway Bureau and industrialized countries (1976-1979);
- 9.554.29 Symposium on Highway Engineering in Africa (1977);
- 9.554.30 African Highway Association (1976);
- 9.554.31 Road study tour to an industrialized country (1978).

Related programmes:

Close collaboration with UNRTD, ADB, IBRD, UNDP, OAU, ECA Statistics Division, ECA/FAO Joint Agriculture Division, Centre for Economic Co-operation and other concerned ECA Divisions.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

INTERNATIONAL ROADS AND ROAD TRANSPORT DEVELOPMENT

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.554.01	Assistance to countries and territories	4	-	-	10	7	5	-	-	15	9
9.554.02	Studies of selected sections of TAH 1/	4	-	-	10	6	2	-	-	6	4
9.554.03	Facilitation of international traffic on TAH	1	2	-	4	2	1	-	-	2	1
9.554.04	TAH Authority and Road Fund	2	2	-	2	1	2	2	-	2	2
9.554.05	Feeder roads to TAH	2	-	-	6	3	1	-	-	4	2
9.554.06	TWAH 2/ : Dakar-Ndjamena	2	-	-	15	6	3	-	-	12	5
9.554.07	TWAH : Dakar-Lagos	2	-	-	5	3	2	-	-	4	2
9.554.08	TWAH : Feeder roads	1	-	-	4	2	1	-	-	3	2
9.554.13	Trans-East African Highway	2	-	-	4	2	3	-	-	12	5
9.554.26	TAH Co-ordinating Committee	1	-	-	-	1	1	-	-	-	1
9.554.27	TWAH Co-ordinating Committee	1	-	-	-	-	1	-	-	-	1
9.554.28	TAH Bureau/industrialized countries	1	-	-	-	1	1	-	-	-	1
9.554.29	Symposium on Highway Engineering	-	-	-	-	-	1	-	-	-	1
9.554.30	African Highway Association	1	-	-	-	1	-	-	-	-	-
Total:		24	4	-	60 ^{a/}	36	24	2	-	60 ^{a/}	36

1/ TAH = Trans-African Highway (Mombasa-Lagos)

2/ TWAH = Trans-West African Highway Network

a/ Bilateral experts expected from: Belgium, France, Germany (FR), Italy, Japan and United Kingdom.