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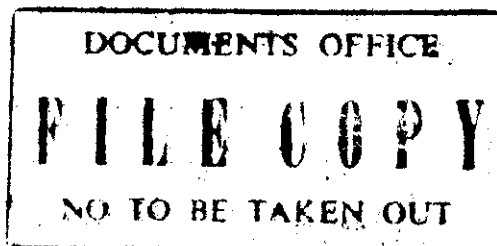


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DRAFT MEDIUM-TERM PLAN FOR

1976 to 1979

M74-2552

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AAASA	Association for the Advancement of Agricultural Sciences in Africa
ADB	African Development Bank
AID	Agency for International Development (United States)
ASWMA	Association of Social Work Education in Africa
BIS	Bank of International Settlements
CAFRAD	Centre africain de formation et de recherche administrative pour le développement
CIEA	Centre international d'études agricoles
CIEH	Comité intra-africain d'études hydrauliques
CILSS	Comité permanent interétats de lutte contre la sécheresse dans le Sahel
CDFFP	Centre for Development Planning, Projections and Policies
COMECON	Council for Mutual Economic Aid
CPCM	The Permanent Consultative Committee of the Maghreb
DANIDA	Danish International Development Agency
ECA	Economic Commission for Africa
ECAFE	Economic Commission for Asia and Far East
ECE	Economic Commission for Europe
ECOSOC	Economic and Social Council
EEC	European Economic Community
FAC	Fonds d'assistance et de coopération
FAO	Food and Agriculture Organization of the United Nations
FES	Friedrich Ebert Stiftung
GATT	General Agreement on Tariffs and Trade
HCR	United Nations High Commission for Refugees
IAEA	International Atomic Energy Agency
IBRD	International Bank for Reconstruction and Development
IDA	International Development Association
IDET	African Institute for Economic Development and Planning
IMCO	Intergovernmental Maritime Consultative Organization
IMF	International Monetary Fund
IIAF	Institut international d'administration publique (Paris)
IISA	Institut international des sciences administratives (Bruxelles)
IIT	International Inter-modal Transport
ILO	International Labour Office (Secretariat)
ILC	International Labour Organisation
IMCO	Intergovernmental Maritime Consultative Organization

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

The work programme of ECA for 1976-1979 has been formulated on the basis of the International Development Strategy and Africa's Strategy for Development in the 1970s as adopted in February 1971 at the first meeting of the Conference of Ministers, the Economic Commission for Africa, taking into account the need for its reorientation and adaptation to the provisions of General Assembly resolution 3202(S-VI) on the Programme of Action on the Establishment of a New International Economic Order and other relevant resolutions relating to the work programme of the Commission. Nevertheless, it is flexible and subject to review by the ECA Conference of Ministers in order to cope with emerging economic problems facing the continent.

The resources required to carry out the various activities in each sector during the budget period 1976-1977 are set out at the end of each programme and have been forecast on the basis of established posts under the United Nations regular budget as well as other extra-budgetary resources for 1974.

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.

For example:

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9 . 210 . 01
└─ ECA (organizational unit)
      │
      └─ Programme, e.g. Agriculture
            │
            └─ Programme component
                  │
                  └─ Specific activity
  
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^{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 interrelationship with economic and social development, to examine the implications of population factors for the improvement of the quality of life and to promote the adoption of effective population policies and programmes as an integral aspect of development planning. The African census programme component within ECA will continue; the Governments of the region will be assisted in creating a capacity to conduct all types of demographic data collection operations, especially population censuses and demographic surveys; in developing vital statistics registration systems; in building up national cadres of demographers; and in increasing their capacity to utilize effectively the data obtained from censuses, surveys and vital statistics registration system.

Statistics

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

Origin:

Commission terms of reference

Project aim:

- (i) To facilitate the discussion of the current economic and social situation by means of a review of food and agriculture situation in the Region;
- (ii) To promote the exchange of information among member States and to make information available to other international and regional organizations on the economic aspects of food and agriculture in the Region.

Priority A

Work content:

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

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

(b) Studies:

9.211.02 Analysis of national reports on the state of food and agriculture in member States to provide basic information on agricultural development policies, production constraints and trade in agricultural products, particularly food products (1976-79).

9.211.04 Contribution to the ECA "Survey of Economic and Social Conditions in Africa" (1976-1979);

9.211.05 Contribution to the Second Development Decade review and appraisal (1976-1979); and

9.211.06 Contribution to the State of Food and Agriculture (SOFA) of FAO (1976-79).

(c) Collection and dissemination of information:

9.211.21 Publication, bi-annually, of the "Agricultural Economics Bulletin for Africa" (1976-1979);

9.211.22 Periodic reports on current developments in the field of food and agriculture (1976-1979).

Related programmes:

Collaboration with FAO Policy Analysis, Commodities and Statistics Divisions, FAO Regional Office for Africa, OAU, UNCTAD, UNIDO and ECA Statistics, Economic Research and Trade Divisions.

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

Origin:

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

Project aim:

- (i) To provide assistance to countries in improving agricultural programming and implementation;
- (ii) To formulate feasible schemes for inter-country co-operation with particular reference to food production and to assist the countries in implementing such schemes.

Priority A

Work content:

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

- (i) Assistance to countries in the Region in improving agricultural programming and implementation;
- (ii) Assistance to countries in establishing feasible schemes for inter-country co-operation;
- (iii) Participation in inter-disciplinary ECA, UNDAT and FAO Regional Office group missions to member countries as necessary;
- (iv) Assistance to the Sudano-Sahelian and other drought-stricken countries;
- (v) Back-stopping for regional projects such as agricultural aspects of drainage basin development (Lake Chad, Mano/Niger/Senegal Rivers) and individual commodity development projects such as WARDA.

(b) Studies:

9.212.02 Finalisation of the project on Agricultural Development Through Multinational Co-operation and Trade Expansion (1976);

- 9.212.03 Detailed studies on the possibilities and means for expanding the production and improving the marketing of the main agricultural products of the Region, particularly, oilseeds (groundnuts, palm produce and soya-beans), maize, sorghum/millet, vegetables, pulses, cotton and hard fibres, including their processing (1976-77);
- 9.212.04 Study on the establishment of group-country food reserves and marketing arrangements (1976-78);
- 9.212.05 Participation in the studies on the eradication of tsetse fly and trypanosomiasis in the Region (1976-79);
- 9.212.06 Participation in project and programme formulation and feasibility studies for livestock development and expansion of meat production in the Region (1976-79).
- (d) Conferences, meetings, seminars and expert working groups (1976-79):
- 9.212.26 Intergovernmental, regional or sub-regional consultations to discuss recommended schemes for co-operation and their implementation;
- 9.212.27 Seminars or expert working groups on agricultural development planning and programming.

Related programmes:

Collaboration with FAO Policy Analysis, Commodities and Statistics Divisions, FAO Regional Office for Africa, OAU, UNCTAD, UNIDO and ECA Economic Research, Statistics, Trade and Human Resources Divisions.

9.213 Improvement of agricultural institutions and services

Origin:

ECOSOC resolutions 1213(XLIII) and 1495(XLVIII); Commission resolutions 101(VI) and 152(VIII); FAO Conference resolution 13163; FAO Regional Conferences for Africa.

Project aim:

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

Priority A

Work content:

(a) Assistance to countries and territories (1976-79):

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

(b) Studies:

9.213.02 Continuation of studies on changes in agrarian structures and land tenure policies in Africa (1976-77);

9.213.03 Studies on management efficiency and on costs and benefits of private farms and government-sponsored food production programmes (1976-79);

9.213.04 Studies on the organization and programmes of national/international agricultural research institutions and their relationship to extension and training institutions aimed at making more efficient and effective the application of the results of research (1976-77);

9.213.05 Evaluation studies of rural agricultural institutional development, including case studies of small-farm agricultural projects and programmes (1976-79).

(c) Collection and dissemination of information:

9.213.21 Contribution to "Rural Development Newsletter".

Related programmes:

Functional links with projects 9.211 and 9.212. Close collaboration and joint work with UNDATs, UDEAC, OAU, AAASA, AFSA and other regional groupings, especially WARDA and CILSS, FAO Human Resources, Institutions and Agrarian Reform Divisions and Research Development Centre, interested bilateral and multilateral donor organizations and the ECA Population Centre, Economic Research, Trade and Natural Resources Divisions.

MANPOWER REQUIREMENTS (MAN-MONTHS): 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	State of food and agri- culture: review of current food and agricultural situation in the African Region	24	-	-	21	18	24	-	-	21	18
9.212	Review of agricultural development plans and promotion of agricultural regional co-operation	42	60	-	60	54	42	60	-	60	54
9.213	Improvement of agricultural institutions and services	54	12	-	39	36	54	12	-	39	36
Total:		120	72	-	120	108	120	72	-	120	108

9.240 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; General Assembly Resolution 3202(S-VI).

Project aim:

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

Priority A

Work content:

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

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

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

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

(b) Studies:

9.241.02 Biennial review and appraisal of the progress of the region during the Second Development Decade, Part I of the Annual Survey of Economic and Social Conditions in Africa (1976 and 1978);

9.241.03 Current economic developments and policies in the member countries of the Commission and the region. Part II of the Annual Survey of Economic and Social Conditions in Africa (1976-1979);

9.241.04 Education and employment in the ECA region, Part I of the Annual Survey of Economic and Social Conditions in Africa (1977);

9.241.05 Economic growth, employment and income distribution and measures for the eradication of mass poverty in the ECA region. Part I of the Annual Survey of Economic and Social Conditions in Africa (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, programming and projections 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):
- (i) Providing advisory services to member countries, on request, in the field of development planning, programming and projections;
 - (ii) Assisting Governments in organizing at the national, sub-regional and regional levels, courses on planning, programming and projections and in establishing, as required, regional training centres.
- (b) Studies:
- 9.242.03 Preparation of projections of feasible growth rates and trade gaps of a number of African developing countries and of the region for the 1970s (1976-1979);
- 9.242.04 Preparation of projections of feasible growth rates and trade gaps of a number of African developing countries and of the region for 1980s (1978-1979);
- 9.242.05 Analysis of those development plans of the African countries issued in 1976 to 1979 (1976-1979);
- 9.242.06 Unified approach to planning: Study of existing planning methods in ten African countries and suggestions for reforms (1976);
- 9.242.07 Study of measures to eradicate mass poverty (1976);
- 9.242.08 Study of income distribution in a number of African developing countries (1977);

- 9.242.09 Study of employment and underemployment in a number of African developing countries (1978).
- (c) Collection and dissemination of information:
- 9.242.20 Economic Bulletin for Africa (1976-1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.242.26 Conference of African Planners (1976 and 1978), 1976 agenda item to include studies under 9.242.06 and 9.242.07, 1978 agenda item to include studies under 9.242.08 and 9.242.09;
- 9.242.27 Meeting of First Group of Experts on Programming Techniques (1977), agenda item to include studies under 9.242.03;
- Meeting of Second Group of Experts on Programming Techniques (1979), agenda item to include studies under 9.242.04.

Related programmes:

Close collaboration with CDPFP, IBRD and IDEP. Review of current economic trends and developments, and Economic Bulletin for Africa.

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

Origin:

General Assembly resolutions 2564(XXIV), 2803(XXVI) and 3202(S-VI); UNCTAD 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, land-locked and island countries in Africa in overcoming the hindrance to their development and thereby in accelerating their rate of growth.

Priority A

Work content:

- 9.243.01 (a) Assistance to countries and territories (1976-1979):
- (i) Conducting missions in co-operation with the UNDATs designed to identify the special problems of least developed African countries and provide advisory services;
- (ii) In formulating proposals and recommendations on measures for overcoming specific impediments to their socio-economic development.

(b) Studies:

- 9.243.02 Annual socio-economic review of the problems and prospects of the least developed countries, emphasizing their specific needs and recommending measures for the improvement of their development opportunities (1976 to 1979).

Related programmes:

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

9.244 Identification and promotion of economic co-operation opportunities

Origin:

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

Project aim:

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

Priority A:

Work content:

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

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

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

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

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

(b) Studies:

- 9.244.02 Biennial review of activities within the region aimed at achieving economic integration and co-operation; the review to identify bottlenecks and suggest possible remedies (1977 and 1979).

Related programmes:

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

9.245 Institutional and legal 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 in making adequate institutional and legal provisions for economic co-operation, and adopting appropriate policies and measures for overcoming both internal and external hindrances to multinational co-operative actions.

Priority A

Work content:

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

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

(ii) Expansion and rationalization of existing intergovernmental groupings;

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

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

(b) Studies:

9.245.02 Comparative study of industrial property laws of Africa (1976-1979).

(c) Collection and dissemination of information:

9.245.20 Directory of African intergovernmental organizations (1976, 1977, 1978, 1979).

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

9.245.26 Meeting of experts from African countries to consider selected problems of Industrial Property Law and the establishment of an Association for Industrial Property Law for follow-up action (1978);

9.245.27 Meeting of African experts on General Conditions of Sale (1978-1979).

9.246 Management and co-ordination 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 multidisciplinary approach to project evaluation; and in implementing national and multinational projects.

Priority A

Work content:

9.246.01 (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 and check on performance of UNDATs programme; documentation and servicing of meetings of UNDATs.

(b) Studies:

9.246.02 Research into ways in which UNDATs can promote economic co-operation in the subregions of Africa.

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

9.246.26 Annual intergovernmental programme review committee meetings of UNDATs, (1976, 1977, 1978, 1979).

Related programmes:

Close collaboration with CDP, UNIDO, UNCTAD, other United Nations agencies, ADB, OAU, African intergovernmental organizations, and 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	Development trends, requirements and possibilities	68	4	12	2		58	10	12	1	
9.242	Planning and programming	90	18	24	10		94	18	24	11	
9.243	Special problems of the least developed, land-locked and island African countries	12	-	-	-		12	-	-	-	
9.244	Identification and promotion of economic co-operation opportunities	6	-	-	-		6	-	-	-	
9.245	Institutional and legal problems of African economic co-operation	12	-	6	-		-	-	6	-	
9.246	Management and Co-ordination of the UNDATs	28	-	-	-		28	-	-	-	
	Programme management	12	-	-	-		12	-	-	-	
Total:		228	22	42	12	132	222	28	42	12	

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 FCU 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:		36	-	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 resolutions 2626(XXV), 3201(S-VI) and 3202(S-VI); Commission resolution 218(X); 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 facilitate the discussion of current trends and requirements by the biennial Conferences of African Ministers of Industry on the basis of an annual review and appraisal of industrial performance and structures; and to promote the exchange of information among member States and to make available information on industrialization in Africa to other international and regional organizations.

Priority A

Work content:

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

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

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

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

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

(b) Studies:

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

9.332.03 Establishment of an African Mineral Development Council and the formulation of a plan of action for promoting progressively higher degrees of domestic industrial processing of African mineral resources (1976-1979);

9.332.04 Annual review and appraisal of progress in industry (1976-1979).

(c) Collection and dissemination of information:

9.332.20 Publications: country fact sheets; summaries of industrial development plans; and analytical abstracts of successful experiences in the formulation and implementation of specific industrialization policies.

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

9.332.26 Conferences of African Ministers of Industry (1976-1979);

9.332.27 Follow-up Committee on Industrialization (1976-1979);

9.332.28 Multilateral consultations on multinational industries (1976-1979);

9.332.29 Expert working group to review progress in multinational industrial policies programmes, machinery and resources.

Related programmes:

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

9.333 Industrial project studies

Origin:

General Assembly resolution 2626(XXV), Commission resolution 218(X), 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 ensure a constant supply of viable projects and to promote actions aimed at sectoral programming of industrial projects.

Priority A

Work content:

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

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

(ii) In the development and strengthening of machinery and procedures for project studies.

(b) Studies:

9.333.02 Identification and evaluation of selected national and multinational projects based on industrial branch surveys and market research studies: forest-based industries, agro-industries, fertilizers, engineering industries, petro-chemicals, and basic metals industries (1976-1979);

- 9.333.03 Industrial project studies for the least-developed and land-locked countries in Africa (1976-1979);
- 9.333.04 Survey of domestic capacity for the provision of industrial consulting services (1976).
- (c) Collection and dissemination of information:
- 9.333.20 Project register (1976-1979);
- 9.333.21 Guidelines on forecasting techniques (1976);
- 9.333.22 Extracts of feasibility studies (1978).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979)
- 9.333.26 Regional meeting to review policies, programmes and manpower requirements for the development of the forest-based industries (1976);
- 9.333.27 Regional meeting to review policies, programmes and manpower requirements for the development of the food and agriculture based industries (1977);
- 9.333.28 Regional meeting to review policies, programmes and manpower requirements for the development of fertilizer industries (1978).
- Priority B
- 9.333.29 Expert group meeting on the practice and difficulties encountered in conducting pre-investment studies in African countries and effect of these on the flow of bankable project (1977).
- 9.334 Industrial investment promotion services

Origin:

General Assembly resolution 2626(XXV), Commission resolution 218(X). 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 investment of capital, domestic and foreign, in national and multinational ventures likely to contribute to economic growth and structural change within the Africa region; and to promote investment in industrial ventures which facilitate the transfer of technology and the expansion of intra-regional trade.

Priority A

Work Content:

- 9.334.01 (a) Assistance to countries and territories (1976-1979):
- (i) In promoting the development of effective systems of industrial information services at the national and multinational levels;
 - (ii) In establishing contacts with potential investors for the development of specific industrial projects;
 - (iii) In assisting African sponsors of specific industrial projects in negotiations relating to joint venture agreements.
- (b) Studies:
- 9.334.02 Country files on investment policies and investment opportunities (1976-1979);
- 9.334.03 Survey of the roles of the public and private sectors in African industrialization (1976);
- 9.334.04 Comparative study of investment promotion machinery and investment criteria in selected African countries (1976-1977).
- (c) Collection and dissemination of information:
- 9.334.20 Investment Promotion Newsletter (1976-1979);
- 9.334.21 Directory of sources of industrial financing (1976);
- 9.334.22 Manual on the organization, incorporation, and financing industrial enterprises (1978).
- (d) Conferences, meetings, seminars and expert working Groups (1976-1979):
- 9.334.26 Consultation meeting for the establishment of a regional centre for investment promotion and the transfer of technology (1976);
- 9.334.27 Conference on the transnational corporations, international co-operation and African industrialization (1978).

Priority B

- 9.334.28 Meeting for the promotion of specific industrial projects (1976-1979).

9.335 Development of rural and small-scale industries

Origin:

General Assembly resolution 2626(XXV), Commission resolution 218(X), 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 of stimulating employment in non-agricultural activities and to assist in the development of African entrepreneurship.

Priority A

Work content:

- 9.335.01 (a) Assistance to countries and territories (1976-1979):
- (i) In elaborating and formulating strategies and policies for the development of rural and small-scale industries;
 - (ii) In identifying constraints impeding entry of Africans into industrial activities and formulating recommendations for effectively tackling the problem;
 - (iii) In studying the problems involved in the development of handicraft production and in improving, in co-operation with ILO, the production and marketing of handicrafts;
 - (iv) Promotion of exhibitions and fairs on small-scale industry machinery and equipment.
- (b) Studies:
- 9.335.02 Country files on policies, programmes, institutions and training facilities for rural and small-scale industries development (1976-1979);
- 9.335.03 Identification of small-scale, labour-intensive investment opportunities (1976-1979);
- 9.335.04 Comparative study of policies and programmes aimed at expanding industrial activities in the rural areas (1978).
- (c) Collection and dissemination of information:
- 9.335.20 Rural and Small-scale Industries Bulletin (1976-1979);
- 9.335.21 Guidelines for 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 businessmen (1976).

9.336 Industrial skills and technology

Origin:

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

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

Priority A

Work content:

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

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

(b) Studies:

9.336.02 Preparation of analytical summaries of successful experiences of training programmes, projects and methods in selected industrial sectors and specific industrial topics (1976-1979);

9.336.03 Survey of industrial technology in Africa and assessment of progress made in assimilating, innovating and adapting imported technology (1977);

9.336.04 Choice of techniques in the cement, textiles and agro-industries (1978-1979).

(c) Collection and dissemination of information:

9.336.20 Newsletter on Industrial Technology (1976-1979);

9.336.21 Directory of African industrial research and quality control institutions (1977);

9.336.22 Compendium of African experiences in licences, patent laws and other mechanisms used for the transfer of technology (1979).

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

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

Priority B

9.336.27 Training workshops to be organized in co-operation with UNIDO, FAO
and bilateral and multilateral agencies in: project analysis, invest-
ment promotion techniques, industrial management consultancy, choice
of techniques, industrial branches (agro-industries, fertilizers, forest-
based industries), review and appraisal, and integration industries.

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	Industrial plans, policies and programmes	36	3	24	12		40	6	24	12	
9.333	Industrial project studies	48	-	72	60		44	-	72	60	
9.334	Industrial investment promotion services	30	-	12	-		30	-	12	-	
9.335	Development of rural and small-scale industries	32	-	12	-		32	-	12	-	
9.336	Industrial skills and technology	10	-	-	24		10	-	-	24	
	Programme management	12	-	-	-		12	-	-	-	
Total:		168	3	120	96	108	168	6	120	96	108

9.340 INTERNATIONAL TRADE

A BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.341 Survey and identification of Africa's trade problems and prospects

Origin:

General Assembly resolutions 3201(S-VI) and 3202(S-VI); ECOSOC resolutions 1896(LVII), and 1911(LVII); UNCTAD resolution A.VI.6; ECA resolutions 199(IX), 218(X), 222(X) and 244(XI); Action programme adopted by the African Ministerial Meeting preparatory to UNCTAD III; African Declaration on Co-operation, Development and Economic Independence.

Project aim:

To conduct trade surveys and evaluate recent structural changes in Africa's trade patterns; identify common problems in intra-African and external trade with a view to formulating measures to solve them.

Priority A

Work content:

- 9.341.01 (a) Assistance to countries and territories (1976-1979):
- (i) Advisory services at the request of Governments in evaluation of trade performance and identification of trade problems;
 - (ii) Advise on, and assistance in, training activities in foreign trade;
- (b) Studies:
- 9.341.02 Annual review of trends and structural changes in Africa's trade (1976-1979);
- 9.341.03 Problems and policies of Africa's foreign trade, in particular its impact on the growth of African countries (1976);
- 9.341.04 Comparative analysis of alternative foreign trade strategies (1977).
- (c) Collection and dissemination of trade informations:
- 9.341.20 Publication of articles on specific trade issues in the Economic Bulletin for Africa (see 9.242.20), the African Trader (see 9.343.22) and other appropriate publications.
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.341.26 Annual ECA regional course on commercial policy and trade promotion;
- 9.341.27 National training courses on commercial policy and trade promotion.

Related programmes:

Collaboration with OAU, UNCTAD, GATT, UNIDO, ITC, Association of African Central Banks and Association of African Trade Promotion Organizations and other ECA divisions.

9.342 Development and expansion of Africa's external trade

Origin:

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

Project aim:

Assist and advise member States of ECA in the formulation of appropriate policies and programmes for the development of their external trade; provide member States with assistance in the formulation and implementation of policies relating to international commodity trade.

Priority A

Work content:

- 9.342.01 (a) Assistance to countries and territories (1976-1979):
- (i) Advisory missions at the request of Governments, to assist in the formulation and implementation of appropriate policies for the development and expansion of external trade in general, and commodity trade in particular;
 - (ii) Assist African countries in harmonizing their positions with regard to international trade and development issues.
- (b) Studies:
- 9.342.02 Protection policies facing African exports in developed countries (1976);
- 9.342.03 Problems of selected specific commodities; formulation of remedial measures:
- Pricing policy (1976-1979);
 - Synthetics and substitutes (1976);
 - Marketing and distribution practices, including among others those of transnational corporations and enterprises (1976);
 - International commodity agreements (1976-1979);
 - Producers' associations (1976-1979).

- 9.342.04 The impact of GDP on the trade and development of African countries (1977);
- 9.342.05 The multilateral trade negotiations (1976);
- 9.342.06 Access to and cost of transfer of technology (1976);
- 9.342.07 African trade with Socialist countries (1976-1977);
- 9.342.08 Policies, techniques and modalities for expanding trade with developing countries in other regions (1977-1979).
- (c) Collection and dissemination of trade information:
- 9.342.20 Publication of articles in "The African Trader" (see 9.343.22).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.342.26 Commodity groups (1976, 1977);
- 9.342.27 Two seminars on multilateral trade negotiations (1976);
- 9.342.28 Seminars on trade with socialist countries (1976, 1977).

Related programmes:

Collaboration with OAU, UNCTAD, GATT, FAO, UNIDO, ITC, African inter-governmental groupings and ECA Divisions.

9.343 Development and expansion of intra-African trade

Origin:

General Assembly resolutions 3201(S-VI) and 3202(S-VI), ECOSOC resolutions 1358(XLV), 1362(XLV) 1896(LVII) and 1911(LVII); UNCTAD resolutions A.II.5; 1(II), 11(II), 23(II), 48(III) and 75(III), Trade and Development Board resolutions 59(IX), 69(X), 72(X) and 109(XIV); ECA resolutions 86(V), 100(VI), 176(VIII), 199(IX), 218(X), 222(X) and 244(XI); resolution D of the Sixth Conference of Heads of State and Government of the East and Central African States; Action programme adopted by the African Ministerial Meeting preparatory to UNCTAD III, the African Declaration on Co-operation, Development and Economic Independence.

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

9.343.02 Existing and potential products for trade between African countries (1976-1979);

9.343.03 The development of an effective system of market research and product identification for intra-African trade (1976);

9.343.04 Trade facilitation, standardization of trade procedures and documentation including measures to remedy problems (1976-1979);

9.343.05 Problems of transit trade, with special reference to land-locked countries (1976);

9.343.06 Analysis of existing African trade legislations, rules, regulations and practices, including tariff and non-tariff barriers (1976);

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

9.343.08 Possibilities and procedures for reaching agreements between African procedures and consumers of certain processed and primary commodities, especially foodstuffs (1976-1979).

(c) Collection and dissemination of trade information:

9.343.20 Development of country cards and files on trade information, including measures to establish trade information centres (1976-1979);

9.343.21 "Bulletin of the ECA Africa Trade Centre" (1976-1979);

9.343.22 "The African Trader" a quarterly publication on issues specifically related to the promotion of intra-African trade (1976-1979).

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

- 9.343.26 Non-committal and confidential intra-African trade consultations in conjunction with the Conference of Ministers of ECA (1977);
- 9.343.27 Local training course for business executives for intra-African trade techniques, marketing and export promotion (1976-1979);
- 9.343.28 All-Africa symposium on intra-African trade for senior trade executives from Governments and private enterprises, in conjunction with the OAU Second All-Africa Trade Fair (1976) XB (extra budgetary);
- 9.343.29 Trade symposium on intra-African trade and the organization of trade promotion machinery (1977);
- 9.343.30 Symposia (2) on intra-African marketing (1976-1979);
- 9.343.31 In-service training of trade promotion officers attached to the Africa Trade Centre, offering appropriate training programmes in trade promotion, marketing, export promotion and documentation (1976-1979);
- 9.343.32 Annual ECA/ITC training course in international marketing for business and trade promotion executives (1976-1979);
- 9.343.33 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);
- 9.343.34 Training course in the techniques and modalities of bilateral, regional and sub-regional trade negotiations among African countries (1976);
- 9.343.35 Workshops (2) to exchange views and experiences on trade negotiations for intra-African trade expansion (1977).

Related programmes:

Collaboration with OAU, African Development Bank, UNCTAD, ITC, UNIDO, Association of African Central Banks, Association of African Trade Promotion Organizations and ECA Divisions.

9.344 Establishment of common trade institutions

Origin:

General Assembly resolutions 3201(S-VI) and 3202(S-VI); ECOSOC resolution 1911(LVII), UNCTAD resolution 48(III); ECA resolutions 218(X), 222(X), 244(XI); Action programme adopted by the African Ministerial Meeting Preparatory to UNCTAD III; African Declaration on Co-operation, Development and Economic Independence.

Project aim:

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

Priority A

Work content:

- 9.344.01 (a) Assistance to countries and territories (1976-1979):
Advisory services to ECA member States on the development of African trade institutions.
- (b) Studies:
- 9.344.02 The organization, structure and functioning of common trade institutions and how they might be strengthened (1977).
- (d) Conferences, meetings, seminars and expert working groups (1976-1977):
- 9.344.26 ECA/OAU Joint Meeting on trade and development (1976-1979);
- 9.344.27 African group meetings held in conjunction with the Trade and Development Board of UNCTAD, multilateral trade negotiations within GATT and the Africa - EEC co-operation agreement (1976-1979);
- 9.344.28 African Ministerial Meetings preparatory to meetings of the "Group of 77" of UNCTAD (1976-1979);
- 9.344.29 The Association of African Trade Promotion Organizations (1976-1979).

Related programmes:

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

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	P	C	RA	XB
9.341.01	2	-	-	-	2	-	-	-
9.341.02	3	-	-	-	3	-	-	-
9.341.03	3	-	-	-	-	-	-	-
9.341.04	-	-	-	-	7	-	-	-
9.341.20	3	-	-	-	3	-	-	-
9.341.26	3	-	2	5	3	-	2	5
9.341.27	1	-	-	2 ^a / ₂	1	-	-	2 ^a / ₂
9.342.01	3	-	-	-	3	-	-	-
9.342.02	3	-	-	-	-	-	-	-
9.342.03								
(i)	5	-	-	4 ^b / ₂	5	-	-	4 ^b / ₂
(ii)	2	-	-	5 ^b / ₂	-	-	-	-
(iii)	2	-	-	7 ^b / ₂	-	-	-	-
(iv)	2	-	-	5 ^b / ₂	3	-	-	5 ^b / ₂
(v)	2	-	-	10 ^b / ₂	3	-	-	10 ^b / ₂
9.342.04	-	-	-	-	5	-	-	-
9.342.05	3	-	-	26 ^c / ₂	-	-	-	-
9.342.06	2	-	-	8 ^d / ₂	-	-	-	-
9.342.07	2	-	-	24 ^e / ₂	3	-	-	6 ^e / ₂
9.342.08	-	-	-	-	3	-	-	6 ^b / ₂
9.342.20	2	-	-	-	3	-	-	-
9.342.26	2	-	-	3 ^b / ₂	3	-	-	3 ^b / ₂
9.342.27	2	-	-	3 ^c / ₂	-	-	-	-
9.342.28	2	-	-	2 ^e / ₂	2	-	-	2 ^e / ₂
9.343.01	4	6	7	18	7	6	8	18
9.343.02	2	-	-	-	2	-	-	6
9.343.03	3	-	2	9	-	-	-	-
9.343.04	1	-	-	-	2	-	-	-
9.343.05	4	-	-	6 ^f / ₂	-	-	-	-
9.343.06	2	-	-	6 ^a / ₂	-	-	-	-
9.343.07	2	-	-	4 ^a / ₂	-	-	-	-
9.343.08	2	-	-	-	2	-	-	-
9.343.20	2	-	-	14	2	-	-	14
9.343.21	2	-	-	-	2	-	-	-
9.343.22	2	-	-	9	2	-	-	9
9.343.26	-	-	-	-	2	-	-	-
9.343.27	1	-	-	12	2	-	-	12
9.343.28	1	-	1	4	-	-	-	-
9.343.29	-	-	-	-	1	-	2	6
9.343.30	2	-	-	-	1	-	-	-
9.343.31	1	-	-	12 ^g / ₂	1	-	-	12 ^g / ₂
9.343.32	1	-	-	3 ^h / ₂	1	-	-	3 ^h / ₂

INTERNATIONAL TRADE (Cont'd)

Code	1976				1977			
	Man-months required				Man-months required			
	P	C	RA	XB	P	C	RA	XB
9.343.33	2	-	-	2 ^{a/}	-	-	-	-
9.343.34	-	-	-	-	2	-	-	2 ^{a/}
9.344.01	2	-	-	-	2	-	-	-
9.344.02	-	-	-	-	3	-	-	-
9.344.26	3	-	-	-	4	-	-	-
9.344.27	3	-	-	-	3	-	-	-
9.344.28	3	-	-	-	3	-	-	-
9.344.29	2	-	-	6	1	-	-	6
Programme management	12	-	-	-	12	-	-	-
Total:	108	6	12	218	108	6	12	131

a/ UNDP project RAF/73/029.

b/ Funding may be expected under the Action Programme for the non-aligned countries.

c/ UNDP project RAF/73/002.

d/ Funding not yet obtained (two man-months for each commodity selected under activities to implement GA res. 3202(S-VI)).

e/ UNDP project submitted.

f/ Swiss bilateral assistance approved in principle for the project.

g/ Bilateral and UNDP project RAF/73/029.

h/ ITC.

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.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

LABOUR, MANAGEMENT AND EMPLOYMENT

[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 (1976-1977)	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; Commission 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):

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

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

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

(iv) Establishing an institute for natural resources management to provide training for higher 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, WMO, 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	6	-	-	-	-	6	-	-	-	-
9.451.26	6	6	-	-	12	6	3	-	-	12
Total:	12	6	-	-	12	12	3	-	-	12

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 resolutions 1425(XIV); 2386(XXIII); 2626(XXV) and 3016(XXVII); ECOSOC resolutions 886(XXXIV); 1318(XLIV); 1427(XLVI); 1535(XLIX); 1673(LII) and 1737(LIV); Commission terms of reference; Commission resolutions 164(VIII), 205(IX) and 238(XI).

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):

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

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

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

(iv) To assist Governments in 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) Conferences, 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).

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 terms of reference, report of the ninth session.

Project aim:

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

Priority A

Work content:

(b) Studies:

- 9.464.02 Studies on raw materials for the metallic industries covering exploration, development and production; iron ore and bauxites, copper, lead, zinc, tin (1976-1977);
- 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	XB	GS	P	C	XB	GS
9.463	24	-	20	15	24	-	20	18
9.463.26	12	-	4	8	2	-	-	3
9.463.27	-	-	-	-	2	-	4	1
9.464.02	-	-	12	1	-	-	12	-
9.464.03	-	-	-	-	8	-	-	2
Total:	36	-	36	24	36	-	36	24

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):

- (i) Planning and implementation of hydrometeorological networks;
- (ii) Providing advisory services in respect of the planning and development of national water resources;
- (iii) Conducting water resources surveys for future development and
- (iv) Participation in development and implementation of UNDP projects.

(b) Studies:

9.466.02 Prepare sub-regional master plans for the development of hydro-meteorological networks in Africa;

9.466.03 Studies of ground-water resources in arid zones and preparing of hydrogeological maps.

(c) Collection and dissemination of information:

Preparation and publications of the series;

9.466.20 "Water Resources Planning and Development in Africa".

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

- 9.466.26 Regional Technical Conference on Water resources development (1976);
- 9.466.27 Working groups meetings as follow-up of the Regional Technical Conference on Water Resources (1978).

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 aims:

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 institute in the West African subregion 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.

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

- 9.467.26 Meeting of West African Countries on the establishment of a Water Resources Development Institute.

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

(ii) Assisting Governments in securing bilateral and multilateral resources to finance studies and surveys of international rivers;

(iii) 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				1977			
	Man-months required				Man-months required			
	P	C	XB1/	GS2/	P	C	XB	GS
9.466.01	2	-	10	6	2	-	10	6
9.466.02	-	-	4	6	-	-	4	6
9.466.03	-	-	4	1	-	-	4	1
9.466.20	1	-	2	1	1	-	2	1
9.466.26	4	3	4	6	-	-	-	-
9.466.27	-	-	-	-	1	3	1	1
9.467.01	-	-	-	-	2	-	-	1
9.467.02	2	-	-	1	1	-	-	2
9.467.26	-	-	-	-	2	-	-	1
9.468.01	1	-	-	1	1	-	-	1
9.468.02	1	-	12	2	1	-	12	2
9.468.26	-	-	-	-	1	-	1	2
Total:	12	3	36	24	12	3	36	24

- 1/ One hydrometeorologist WMO
One hydrogeologist F.R.G
One Water Resources development expert (Netherlands).
2/ One draftsman plus one secretary.

4.468 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), 164(VIII) and 225(X); 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:

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

- (i) Compiling an exhaustive inventory of energy resources, both commercial and non-commercial; of training needs and facilities;
- (ii) Formulation and co-ordination of energy development policies;
- (iii) Evaluation and appraisal for the development of indigenous energy resources, both conventional and unconventional;
- (iv) Establishment of standing committees for energy in all the economic subregions to help in the above mentioned activities;
- (v) Establishment of an African Documentation Centre for collection, analysis and dissemination of up-to-date information on all aspects of energy exploration, mining or production, processing, transport, utilization, including environmental factors associated with each, and trade;
- (vi) Devising measures for promoting the development of electrical energy in Africa.

(b) Studies:

9.470.02 Study of problems involved in:

(i) The organization of energy industries and enterprises, with a view to developing improved planning and rational management of these;

(ii) Development and exploitation of energy resources; and

(iii) Devising programmes of action for multinational intergovernmental groupings - as a possible means of overcoming the problems (1976-1979).

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

(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 electricity by sectors, e.g. industry, agriculture, etc. and by region, e.g. 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, Centre for Natural Resources, Energy and Transport 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 and utilization.

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

(i) Study of factors inhibiting the linking of electrical systems among neighbouring African countries, with a view to the adoption of common standards and specifications;

(ii) Systematic consultations with equipment designers for electrical power production, distribution, with particular reference to adequate safety provisions;

(iii) Promotion of 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 of 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):

(i) Determining the technical, social, economic and other factors affecting the development of electrical power and use in rural areas;

(ii) Provision of advisory services on measures for removing obstacles to the expansion of the production and use of electricity in rural areas.

Related programmes:

Centre for Natural Resources, Energy and Transport, ECE, IBRD, ADB.

9.473 Development of non-conventional sources of energy

Origin:

General Assembly resolutions 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 nuclear energy.

Priority B

Work content:

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

(i) Making recommendations to Governments on the expansion of existing solar energy centres, the establishment of a multinational solar energy centre for the Sahelian region and, generally, on the economic use of solar energy;

(ii) Reviewing technical and technological development in the field of nuclear energy, and promoting the expansion of prospecting programmes for radio-active substances in appropriate areas;

(iii) Advising Governments on the establishment of multinational institutes for the study of the various non-conventional sources of energy;

(iv) Formulating plans for the training of specialized personnel in the development of non-conventional sources of energy;

(v) Reviewing the development of geothermal energy in the region, and assisting Governments in the development of this form of energy in appropriate zones of the region.

Related programmes:

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

MAN-MONTHS REQUIREMENTS: 1976 AND 1977

TABLE PCU 1-74

ENERGY

Code	1976					1977				
	P	Man-months required				P	Man-months required			
		C	RA	XB	GS		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	-	6	-	-	-	-	-	-	-	-
9.470.29	-	-	-	-	-	3	6	-	-	-
9.471.01	1	-	-	-	-	1	-	-	-	-
9.472.01	1	-	-	-	-	1	-	-	-	-
9.473.01	1	-	-	24	-	1	-	-	24	-
Total:	24	6	12	24	12	24	6	12	24	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):
- (i) Establishment of subregional centres for training in photogrammetry, photo-interpretation and airborne geophysical surveys;
 - (ii) Establishment of common centres for specialized services in surveying and mapping.
- (b) Studies:
- 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 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	-	-	-	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	-	-	46	48	24	-	-	30	48

9.477 HUMAN ENVIRONMENT

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

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 on development.

Priority A

Work content:

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

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

(ii) To assist in monitoring the possible importation of pollutive industries into African countries, and in identifying the major threats to African exports that may arise as a result of environmental concern;

(iii) To advise countries on steps to be taken to improve the rural environment through the provision of adequate water supplies and electricity, the construction of cheap dwellings, the provision of schools and health centres, and the introduction of sound agricultural practices;

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

(b) Studies:

- 9.478.02 To study and prepare periodic reports on the state of the human environment in Africa, based on national reports from individual member States and on researches by the secretariat;
- 9.478.03 To study and prepare reports on existing legislation for the improvement and protection of the human environment in African countries.

(c) Collection and dissemination of information:

Related programmes:

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

- 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 through the use of the latest means, including Remote Sensing by Satellites.

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; by participating and assisting in national seminars and other technical meetings on various aspects of population problems; and in implementing the recommendations of the World Population Plan of Action.

(b) Studies:

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

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

9.481.04 Studies on mortality including levels, trends, patterns and preparation of life tables 1976-1979;

9.481.05 Studies of relationship between population trends and economic and social development (1976-1979);

9.481.06 Studies on labour force (1976);

9.481.07 Preparation of national and sub-national population projections for selected countries 1978-1979.

(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 (1979);
- 9.481.25 Manual on demographic concepts and definition suitable for Africa (1976-1979).

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

- 9.481.26 Conference of African Demographers (1976, 1978);
- 9.481.27 Regional Inter-agency Co-ordination meeting on population (annual);
- 9.481.28 Meeting of Non-United Nations Organizations interested in Population Work in Africa (annual);
- 9.481.29 Working group on mortality surveys and studies in Africa (1979);
- 9.481.30 Working Group on Demographic Aspects of Manpower and Employment (1976);
- 9.481.31 Working Group on Demographic Aspects of Educational Planning (1976);
- 9.481.32 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(XI); ECOSOC resolution (1347(XIV)); 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; by participating and assisting in national meetings on population policies and various aspects of population programmes; and in implementing the recommendations of the World Population Plan of Action and evaluating their implementation.

(b) Studies:

- 9.482.02 Study of the administration of family planning programmes in Africa (1976/77);
- 9.482.03 Study of the incidence and prevalence of illegal abortions in selected countries with and without family planning programmes (1976);
- 9.482.04 Study of fertility differentials among different occupational groups (1979);
- 9.482.05 Study of the effect of indigenous methods of family planning on fertility in selected countries (1976);
- 9.482.06 Study of the evaluation aspects of family planning programmes (1977);
- 9.482.07 Study of international migration policies and their effects on migrant labour in selected countries (1976);
- 9.482.08 Studies of fertility patterns in different population groups (1977, 1978);
- 9.482.09 Study of the relationship of infant and early childhood mortality to fertility levels and patterns in selected number of countries (1977);
- 9.482.10 Study of population-policy oriented development projects and their effects on population trends in selected countries (1977);
- 9.482.11 Study of age at marriage, birth intervals and their dynamics (1978);

- 9.482.12 Study of the relationship of migration, industrialization and female employment to fertility (1978);
- 9.482.13 Study of policies on internal migration and programmes of urbanization and population distribution in Africa (1978);
- 9.482.14 Study of trends in the adoption population policies in Africa (1978);
- 9.482.15 Study of fertility trends in selected countries (1979);
- 9.482.16 Study of the effect of subregional economic co-operation on international migration policies (1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979);
- 9.482.26 Training course on the techniques of fertility analysis (1976);
- 9.482.27 Expert group on the administration of family planning programmes in Africa (1977);
- 9.482.28 Working group on the effectiveness of family planning programmes in Africa (1978);
- 9.482.29 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; in implementing the recommendation of the World Population Plan of Action on training; 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.

(b) Studies:

9.483.02 Study of trends in the training of nationals for population work in Africa.

(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 1974).

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	Demographic aspects of economic and social development	24	15	30	104	184	24	6	17	35	134
482	Relevant aspects of population policies and programmes	-	-	15	72	54	-	-	14	77	52
9.483	Regional training and research	-	-	3	4	2	-	-	17	80	54
Total:		24	15	48	180	240	24	6	48	192	240

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	-	-	-	-	-

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 resolutions 2562(XXIV) and 3202(S-VI); ECOSOC resolutions 1271(XLIII); 1360(XLV); 1541(XLIX); 1896(LVII) and 1911(LVII); ECA resolutions 168(VIII) and 218(X); recommendations of the seminar on current problems and training needs in tax administration (E/CN.14/FISC/1).

Project aims:

To enhance the capacity of African countries to support expanded development programmes for achieving accelerated growth of their economies through: (a) improvement of their 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) reform and strengthening of their taxation systems, policies and administrations.

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:

The development of improved budgetary systems and management:

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

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

Reform and strengthening of tax systems, policies and administrations:

9.511.04 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);

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

- 9.511.06 The significance of sales and excise tax administration in the economic development of selected African countries (1977);
- 9.511.07 The establishment of an African Association of Finance and Tax Officers (1976-1979).
- Evaluation of tax incentives for economic development:
- 9.511.08 The impact of tax incentives for investment on Government revenue collections in selected African countries (1978-1979);
- 9.511.09 The harmonization of fiscal incentives and measures in selected subregional groupings (1977-1979);
- 9.511.10 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 company and corporate taxation (1976);
- 9.511.27 Study group on international income tax problems of African countries, with particular reference to the establishment of a model tax agreement (1976);
- 9.511.28 Seminar on tax policy, legislation and administration (1978);
- 9.511.29 Seminar on budget-plan harmonization (1977 and 1979);
- 9.511.30 Local (national) training course on request in tax policy, legislation and administration (1976-1979);
- 9.511.31 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 resolutions 28(II) and 57(III); ECA resolutions 207(IX); 218(X) and 244(XI); recommendations of the Association of African Central Banks; recommendations of the African Ministerial Meeting Preparatory to UNCTAD III; African Declaration on Co-operation, Development and Economic Independence.

Project aim:

To improve mobilization of domestic finance for development with a view to increasing investment resources and to direct these resources 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 Periodic progress reports on the mobilization of domestic financial resources in African countries (1976-1979);
- 9.512.07 Establishment of inter-regional, regional or subregional development banks supported by third world funds (1976-1977).
- 9.513 Monetary and financial aspects of African development

Origin:

General Assembly resolutions 2415(XXIII); 2565(XXIV); 3201(S-VI) and; 3202(S-VI); ECOSOC resolutions 1896(LVII) and 1911(LVII); UNCTAD resolutions 27(II); 29(II); 42(III); 58(III); 59(III); 60(III); 61(III) and 84(III); Commission resolutions 43(IV); 140(VII); 168(VIII); 169(VIII); 201(IX); 218(X); 228(X) and 244(XI); recommendations of the ECA/OAU Joint Meeting on Trade and Development; recommendations of the Association of African Central Banks; recommendations of the African Ministerial Meeting Preparatory to UNCTAD III; African Declaration on Co-operation, Development and Economic Independence.

Project aim:

To secure an increase in financial flows to Africa and an improvement in their quality; to strengthen financial and monetary co-operation among African countries; to formulate appropriate measures aimed for a more advantageous utilization of foreign capital in Africa; international monetary issues in as far as they affect African trade and development.

Priority A

Work content:

- 9.513.01 (a) Assistance to countries and territories (1976-1979):
- (i) Assisting African countries in formulating common positions on international financial and monetary problems;
 - (ii) Assisting African countries in formulating adequate country insurance and reinsurance policies and legislation;
 - (iii) Providing secretariat services for the Association of African Central Banks.
- (b) Studies:
- 9.513.02 Biennial survey of international monetary and financial issues and their impact on African trade and development and financial and technical assistance to Africa (1976, 1978);
- 9.513.03 Intra-African monetary co-operation in support of intra-African trade expansion (1976-1979);
- 9.513.04 Establishment of multinational monetary institutions supported by third world funds (1976-1977);
- 9.513.05 The Eurocurrency market and African countries (1976);
- 9.513.06 The impact of world inflation on the trade and development of African countries (1976);
- 9.513.07 Annual survey of the insurance and reinsurance situation in Africa (1976-1979);
- 9.513.08 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 (1977);
- 9.513.09 Study of the ways and means of providing co-operation between the African insurance and reinsurance companies in various fields (1977);

9.513.10 Measures aimed at the improvement and the unification of African capital markets and at the creation of a multinational capital market (1978-1979).

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

9.513.26 Study group on long-range monetary issues, notably related to the interdependences of monetary, trade and development problems (1976).

Related programmes:

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

MAN-MONTHS REQUIREMENTS: 1976 AND 1977

TABLE PCU 1-74

PUBLIC FINANCE AND FINANCIAL INSTITUTIONS

Code	Project title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.511	Budgetary management, taxation policies and measures	34	2	12	-	-	28	6	12	-	-
9.522	The role of domestic financial institutions in development	9	-	-	-	-	9	-	-	-	-
9.533	Monetary and financial aspects of African development	15	4	-	38	-	11	-	-	41	-
	Programme management	12	-	-	-	-	12	-	-	-	-
	Total:	60	6	12	38	-	60	6	12	41	-

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:

9.512.02 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, FAO 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, FAO, 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, FAO, UNIDO, UNCTAD 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:

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

Priority A

Work content:

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 Panel of Experts on Advanced Institutes for Marine Science and Technology (1976-1979);

9.524.28 Panel of Experts on Advanced Institutes for metallurgical research (1976-1979).

Related programmes:

Collaboration with UNESCO, FAO, UNIDO, ILO, 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).

Related programmes:

Close collaboration will be maintained with the work of FAO, 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 (1976-1979).

(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).

Related programmes:

Close collaboration with OST/ESA, FAO, 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 Meetings of the African Regional Group of UNACAST (1976-1979);
- 9.527.28 Conference of African Ministers responsible for science and technology (1977).

Related programmes:

Close collaboration with UNESCO, FAO, 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 technological situation and technological needs and priorities in member States	5	-	-	-	-	7	-	-	-	-
9.523	Development of principles and procedures for technological development planning	4	2	-	-	-	6	1	-	4	-
9.524	The development of manpower for science and technology	7	-	-	-	-	7	-	-	6	-
9.525	Development of institutional infrastructure for technological research and development	24	2	-	-	-	24	1	-	-	-
9.526	Promotion of popular support for the application of science and technology to development	6	-	-	1	-	5	-	-	1	-
9.527	Promotion of regional co-operation in science and technology	9	-	-	-	-	5	-	-	6	-
Total:		60	4	-	5	24	60	2	-	17	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, or requests, to member States and voluntary agencies, in the identification, development, promotion and acceptance of improved village technology and other practices and innovations, relating to: agricultural activity; self-help constructional schemes; home improvement schemes; agro-industries; transportation systems; and common services.

(b) Studies:

9.531.02 Research in application and gaps in existing simple technology used in rural communities with particular reference to labour intensity (1976-1977);

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 (revision 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 (1976).

Related programmes:

Collaboration with UNICEF, NGO's concerned, research institutes and relevant ECA Divisions.

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:

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

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

Priority A

Work content:

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 the chapter on social situation in the ECA "Survey of Economic and Social Conditions in Africa", and ECA's contribution to the United Nations Reports on the World Social Situation (1976-1977);

9.432.03 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 commercial and industrial development in African countries (1977);

9.532.05 The African 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 various international voluntary agencies which sponsor urban and rural development programmes in Africa with a view to co-ordinating and securing maximum impact of these and United Nations Programmes on the social and economic progress of the region.

Priority A

Work content:

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

Advisory and technical assistance to international voluntary agencies, member States and territories with particular reference to integrated rural development projects.

(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 Establishment and promotion of activities of "National Correspondents" for rural development.

Related programmes:

Collaboration with International Voluntary Agencies, Intermediate Technology Development Group (ITDG), various ECA Divisions as appropriate (1976-1979).

9.534 Development of skills and job opportunities for girls and women.

Origin:

General Assembly resolutions 2460(XXIV), 2543(XXIV) and 2716(XXV); ECOSOC resolution 1408(XLVI); Commission resolution 170(VIII); recommendations of the regional conference on education, vocational training and work opportunities for girls and women in Africa (Rabat, May 1971) and of the Regional Seminar on the Integration of Women in Development (Addis Ababa, June 1974).

Project aim:

To assist member States in developing skills and increasing job opportunities for girls and women (1976-1979).

Priority A

Work content:

- 9.534.01 (a) Assistance to countries and territories (1976-1979):
- (i) Advisory services to member States and to voluntary agencies, at their request, on vocational guidance, vocational and technical training and the establishment of national Commissions and women's bureaux to promote employment of girls and women in the non-traditional sector;
 - (ii) Activities of the Pan African Training and Research Centre for Women.
- (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 Study of women's participation in co-operatives and loan associations (1977).
- (c) Collection and dissemination of information:
- 9.534.20 "African Women" - a newsletter issued three times a year 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 planners and supervisors in programmes to improve the quality of rural life (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, SIDA, UNFPA and UN specialized agencies (through Regional Inter-Agency Committees when possible), Netherlands and German Governments, voluntary agencies, trade unions, co-operatives and industries, as appropriate.

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

Priority A

Work content:

- 9.535.01 (a) Assistance to countries and territories (1976-1979):
- (i) Advisory services in social work research and training;
 - (ii) Advisory services in family welfare and development;
 - (iii) Support to ASWEA in promoting regional programmes of studies, collection of case work materials and production of indigenous teaching materials for social work education in Africa; general social work education; expert group meetings; and production of Directory of Social Welfare Activities in Africa.
- (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 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, ASWEA, ECA Population Programme Centre and UNTPA.

9.536 Integrated rural development

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

9.536.02 Social security programmes for rural populations (1976).

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

9.536.26 ECA/PAID national seminars (two) for district-level personnel and researchers in the methodology and practice of integrated rural development programmes (1976);

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

9.536.28 ECA/PAID all Africa regional workshop for administrators of national training institutes in the methodology and practice of integrated rural development programmes (1977);

- 9.536.29 ECA/PAID national seminars (two) for provincial-level personnel and researchers in the methodology and practice of integrated rural development programmes (1978);
- 9.536.30 ECA/PAID all Africa regional seminar for senior personnel in the methodology and practice of integrated rural development programmes (1979);
- 9.536.31 Second symposium on rural development in Africa (1979).

Related programmes:

Collaboration with the United Nations specialised agencies, UNICEF, WHO, DANIDA, PAID, Joint ECA/FAO Agriculture Division and Joint ECA/UNIDO Industry 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(P)	GS	P	C	RA	XB(P)	GS
9.531	Promotion of technology appropriate to rural communities	12	-	3	36	12	12	-	3	36	12
9.532	The African social situation	19	6	3	-	12	15	6	3	-	12
9.533	Promotion and co-ordination of voluntary and UN assistance for rural development	10	-	3	-	24	10	-	3	-	24
9.534	Development of skills and job opportunities for girls and women	24	-	24	24	24	28	-	24	24	24
9.535	Social work, research and training	19	-	3	-	12	19	-	3	-	12
9.536	Integrated rural development	12	-	-	-	12	12	-	-	-	12
Total:		96	6	36 ^{a/}	60	96 ^{b/}	96	6	36 ^{a/}	60	96 ^{b/}

^{a/} Regional Adviser in Social Welfare; Regional Adviser (FAO/PEFL); Regional Adviser in Family Planning (UNFPA).

^{b/} Includes 36 man-months of GS(XB).

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, including the development of national field survey organizations and the undertaking of censuses and multi-purpose sample surveys, 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, social and economic statistics, national accounts, sample surveys (including the household surveys programme for Africa), statistical organization, data processing, national economic surveys and the development of economic information services; 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; promotion and co-ordination of mutual assistance among African countries in the development of national statistical and economic information services.

(b) Studies:

Methodological studies and manuals;

National Accounts;

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

General Economic Statistics:

9.541.04 Methods and practices of record keeping (1977);

9.541.05 Methods and practices of compiling statistics on tourism in Africa (1977);

- 9.541.06 Methods and practices of compiling external trade statistics in Africa (1978).

Demographic and social statistics:

- 9.541.07 Study on migration statistics (1976);
- 9.541.08 Study on the enumeration of nomadic populations (1976);
- 9.541.09 Study on the methods and problems of African population censuses and surveys, 1964-1974 (1976);
- 9.541.10 Study on civil registration (1977).

(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 distribution statistics (1977);
- 9.541.37 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 Training Workshop on Household Surveys (1977);
- 9.541.41 Working group on civil registration (1978);
- 9.541.42 Working group on migration statistics (1979);
- 9.541.43 Working group on Household Surveys (1979).

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, CTC, UNESCO, FAO, WHO, UNICEF and other specialized agencies. Activities will be co-ordinated with those of other ECA secretariat units where appropriate, and non-African Governments with relevant experience will be invited to participate. For the African Household Surveys Programme close collaboration with such additional UN agencies as the UNDP, UNFPA and the IBRD and other related bodies will be needed, in addition to bilateral agencies and Governments which contribute to the establishment and/or implementation of the Programme, and appropriate government officials in the various African countries responsible for the planning and conduct of their national household surveys programmes.

- 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 (1969-76);

- 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);
- 9.542.14 Compilation and analysis of data on distribution of private consumption and income for selected African countries (1977-1979);
- 9.542.15 Regional study on international comparison of prices of producers' goods (1977-1979);
- 9.542.16 Study on producers' prices of principal primary commodities for African countries (1978-1979);
- 9.542.17 Study and analysis of input-output tables compiled for selected African countries (1978-1979);
- 9.542.18 African data bank on national accounts, balance of payments, finance, prices (annual);
- 9.542.19 Compilation and analysis of data collected from multi-purpose household surveys in Africa: Production, consumption, saving, prices (1977-1979);
- General economic statistics:
- 9.542.20 Processing and analysis, mainly for other ECA divisions (annually);
- 9.542.21 African data bank on primary economic statistics (e.g. agriculture, trade, industry, transport, etc.) (annual);
- 9.542.22 Compilation and analysis of data collected from multi-purpose household surveys in Africa; small-scale industries, transport, etc. (1977-1979);
- 9.542.23 African industrial censuses undertaken in connexion with the 1973 World Programme of Industrial Statistics (1976);
- 9.542.24 Construction statistics (1976);
- 9.542.25 Production and trade in agricultural commodities in Africa (1977);

- 9.542.26 Production, imports and exports of manufactures in Africa (1977);
- 9.542.27 Structure and evolution of manufacturing in Africa (1978-1979);
- 9.542.28 Import and export trade indices and terms of trade (1977-1979);
- Demographic and social statistics:
- 9.542.29 Evaluation of selected social indicators (1977-1978);
- 9.542.30 Development of an African data bank of demographic and social statistics (annual);
- 9.542.31 Compilation and analysis of data collected from multi-purpose household surveys in Africa: Demographic and social statistics (1977-1979);
- 9.542.32 Study of methodology used in the conduct of household surveys in African countries (1976-1979).
- (c) Collection and dissemination of information:
- 9.542.40 Statistical Newsletter (periodical);
- 9.542.41 Statistical and Economic Information Bulletin^{1/} (periodical);
- 9.542.42 Foreign Trade Statistics for Africa, Series A, Direction of Trade (periodical);
- 9.542.43 Foreign Trade Statistics for Africa, Series B, Trade by Commodity and by Country (half-yearly);
- 9.542.44 African Economic Indicators (annual);
- 9.542.45 African Statistical Yearbook (annual);
- 9.542.46 Economic Data Summaries for individual African countries (annual);
- 9.542.47 Bibliography of African Statistical Publications (biennial);
- 9.542.48 African Directory of Statisticians (biennial);
- 9.542.49 Statistics on children and youth in collaboration with and through assistance from UNICEF.

Related programmes:

The preparation of statistical studies and compilation of regular regional statistical publications require 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.

9.543 AFRICAN CENSUS PROGRAMME^{1/}

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.544 Demographic aspects of economic and social development

Origin:

Tenth and eleventh sessions of the Commission (Reports, E/4997 and 5253); ECA Technical Committee of Experts (Reports, E/CN.14/474, 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, E/CN.14/596 and E/CN.14/CPH/43).

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:

- 9.544.01 (a) Assistance to countries and territories (1976-1979):
- (i) Advisory service in the planning and conduct of national censuses of population;
 - (ii) Co-ordination of regional activities of the African Census Programme with headquarters objectives and with individual country programmes.
- (b) Studies:
- 9.544.02 Study of methodology used for data collection and tabulation (1976);
- 9.544.03 Study and evaluation of special techniques used for the enumeration of nomadic populations (1976).
- 9.544.04 Evaluation and analysis of collected data (1976, 1977).

^{1/} The present level of regional advisory services of the African Census Programme will need to be continued at least through 1979, subject to later developments.

(c) Collection and dissemination of information:

- 9.544.20 Collection of information on the planning and conduct of population censuses in the various countries participating in the African Census Programme; and dissemination of this information among technicians through personal contact and by distribution of the African Census Programme Newsletter.
- (d) Conferences, meetings, seminars and expert working groups (1976, 1977):
- 9.544.26 Consultative Group Meeting on the African Census Programme (1976, 1977);
- 9.544.27 African Census Programme Experts Meeting (1976, 1977);
- 9.544.28 Study tours (1976, 1977);
- 9.544.29 Representation at regional, subregional and country level meetings on census activities (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 Statistics Division, Population Programme Centre 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.

- 9.545 Regional training and research

Origin:

General Assembly resolution 2211(XXI); Commission terms of reference; ninth session of the Commission (Report, E/4651, para. 522); Sixth Conference of African Statisticians (Report, E/CN.14/464); Conference of African Demographers (Report, E/CN.14/553); Consultative Group on the African Census Programme (Reports, E/CN.14/POP/59, E/CN.14/596 and E/CN.14/CPH/43); Meeting of African Census Programme Country Experts (Report, E/CN.14/CPH/42).

Project aim:

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

Priority A

Work content:

9.545.01 (a) Assistance to countries and territories (1976, 1977);

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

(ii) On-site training of local technicians by regional advisers (1976, 1977).

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

9.545.26 Meeting of African Census Programme Experts (1976, 1977):

9.545.27 Sub-regional and country level meetings to stimulate the application and utilization of census data for economic and social development programmes (1976, 1977).

Related programmes:

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

MAN-MONTHS REQUIREMENTS: 1976 AND 1977

TABLE PCU 1-74

STATISTICS

Code	Project title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.541	Development of national and multinational statistical and economic information services	36	-	12	36	24	30	-	12	78	23
9.542	Development of a regional statistical and economic information service	132	-	-	4	346	138	-	-	-	327
9.543	African Census Programme	12	-	96	-	60	12	-	72	-	48
Total:		180	-	108	40	420	180	-	84	78	408

9.550 TRANSPORT AND COMMUNICATIONS

D. DEVELOPMENT OF ESSENTIAL SERVICES

9.551 Planning and development of African transport

Origin:

General Assembly Resolutions 2626(XXV); 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):

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

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

- policy-making and planning techniques for intermodal transport systems with particular reference to the transport of raw materials and other heavy or bulk products for both extra and intra-African trade;
- the co-ordination of multinational projects awaiting approval;
- the planning and co-ordination of new multi-national projects;
- legal, customs, insurance, finance, and organizational aspects of the proposed multimodal convention on transport;
- the establishment of subregional facilitation groups for the simplification of documentary and other procedures between trading partners (in liaison with other Regional Economic Commissions).

(iii) Assistance to other multinational transport institutions: the Union of African Railways; Port Management Associations;

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

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

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

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

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

9.551.03 Studies on the contribution of rural road networks to development and economic growth - 1975-77 (see Research and Planning);

9.551.04 Study of the economic technological, and operational aspects of bulk carriers and tankers fleets for the transportation of new and semi-processed materials - 1976-77 (Natural Resources and Trade Divisions);

9.551.05 Inland water transport development: studies on the utilization of inland water transport and the improvement of water ways including reviews of the status of inter-governmental machinery, international agreements, river shipping operations, administrative arrangements and manpower: Central Africa (1976), East Africa (1977); (see Natural Resources - land-locked and least developed countries);

9.551.06 Studies of maritime and coastal shipping statistics by route and commodity with special reference to the Western/Central African shipping range (1976-1977);

9.551.07 Studies of existing coastal shipping facilities and their organization (1976-1977);

9.551.08 Studies of potential coastal freight traffic by route and commodity (1977-1979);

9.551.09 Studies on the establishment of multinational coastal shipping lines (1979);

9.551.10 Negotiating meetings for the establishment of multinational coastal shipping lines; East African shipping range, West/Central African shipping range (1978-1979) (Island countries);

- 9.551.11 Air transport development; feasibility studies of multinational airfreight services.
- (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);
- 9.551.28 Seminar on the role of rural roads, and problems of their design, construction and maintenance (1979); (see Research and Planning, Human Settlements local government).

Related programmes:

Close collaboration with OAU, UNDP, UNCTAD, IMCO, ADB, UAR, AFCAC, ECA Manpower and Training Section, Economic Development section and interested financing agencies.

African Highways Bureau

9.552 INTERNATIONAL ROADS AND ROAD TRANSPORT

Origin:

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

Priority A

Work content:

- 9.552.01 (a) Assistance to countries and territories (1976-1979):
- (i) Development of international roads and road transport with a view to improving inter-country road links;
- (ii) 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 with special reference to international roads and road transport;
- (iii) Inventory of road research facilities with a view to strengthening existing ones and developing additional road research centres; and maximization of the application of research results in the design, construction and maintenance of roads;
- (iv) Standardization of basic road and road transport statistics.
- (b) Studies:

Trans-African Highway:

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

The feasibility and engineering studies of the selected sections of the TAH are expected to be completed by the end of 1975 except the study of the Kasindi-Kisangani section in Zaire which may run up to 1976. During the period 1976-1977 it is planned to finalize all the necessary studies (engineering, pre-investment, etc.) and to prepare special reports for negotiation with co-operating industrialized countries and financing institutions with a view to securing finance for the construction and/or improvement of selected sections for the Highway.

9.552.03

Follow-up study on the establishment of a Trans-African Highway Authority and a Road Fund (1976-1979):

Preliminary studies on the establishment of the proposed Trans-African Highway Authority and Road Fund have been completed. (The Authority would be a legal entity and would be empowered to obtain loans, enter into contracts and appear in court on behalf of the Governments of its member States). The follow-up study will include the preparation of the necessary protocol agreements and the establishment and financing of the permanent secretariat of the Authority.

9.552.04

Follow-up study on the non-physical barriers on the Trans-African Highway (1976-1979):

The study on the legal and administrative barriers impeding the movement of persons and goods along the Trans-African Highway has been completed. The follow-up study will include an action orientated programme for removing the existing obstacles of legal and administrative nature with a view to facilitating travel and trade on the Trans-African Highway.

9.552.05

Studies of selected sections of the feeder roads to the Trans-African Highway (1976-1979).

Feasibility and engineering studies of selected sections of the feeder roads to the TAH will be carried out. Special reports will also be prepared with a view to securing finance from industrialized countries and financing agencies for the construction and/or improvement of selected sections of the feeder roads to the TAH.

Trans-West African Highway Network

9.552.06

Studies of selected sections of the Trans-West African Highway Network; Dakar-Ndjamena Highway (1976-1979);

9.552.07

Studies of selected sections of the Trans-West African Highway Network; Nouakchott-Lagos Highway (1976-1979);

9.552.08

Trans-West African Highway Network: Studies of selected sections of feeder roads to the Trans-West African (1976-1979).

Note: The studies concerning the aforementioned three projects (9.552.06, -.07, -.08) will include feasibility and/or engineering studies. Special reports will also be prepared with a view to securing finances from co-operating countries and financing agencies for the construction and/or improvement of selected sections of the Trans-West African Highway Network.

Trans-East African Highway:

9.552.13

Studies of selected sections of the Trans-East African Highway (Gaborones-Cairo) Project (1976-1979).

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

9.552.26

Meeting of the Lagos-Nombasa Trans-African Highway Co-ordinating Committee (1976-1979);

The TAH Co-ordinating Committee should meet at least once a year, but extraordinary meetings can be convened if the need arises.

9.552.27

Trans-West African Highway Network meeting (1976-1979):

Two Co-ordinating Committees, one for the Dakar-Nijamena Highway and the other for the Nouakchott-Lagos Highway, have been established. (The task of each Co-ordinating Committee is to promote and co-ordinate the planning, construction and improvement of its respective highway). Each Committee should meet at least once a year, but extraordinary meetings can be convened if the need arises (see Article 5 of the Terms of Reference of the Committee). It is planned to hold the annual meetings of the two Committees at the same time and in the same place in order to minimize the expenses to be incurred by the secretariat.

9.552.28

Meeting between the Trans-African Highway Bureau and industrialized countries (1976-1979):

This is to determine assistance from industrialized countries and financing agencies for the different Trans-African Highways.

9.552.29

Second symposium on Highway Engineering in Africa (1977):

The first symposium on Highway Engineering in Africa was held at Addis Ababa from 23 to 30 April 1974. The Symposium provided a forum where experience of highway design, construction and maintenance as well as the results of research on highway engineering were presented and discussed. The symposium recommended, among other things, the organization of a similar symposium in future.

9.552.30

Inaugural meeting of proposed African Highway Association (1976):

The first meeting of the Interim Committee set up to study the establishment of an African Highway Association was held at Addis Ababa from 19 to 20 November 1973 under the auspices of IECA and OAU (see E/CN.14/TRANS/107). The Committee adopted the draft Constitution but deferred the discussion on the establishment and financing of the permanent secretariat of the African Highway Association until the inaugural meeting, to be convened during the Third African Highway Conference at Bangui, Central African Republic.

9.552.31 Road study tour by African Highway Engineers to an industrialized country (1978):

Road development study tour by selected African Highway Engineers to a more developed country but having conditions similar to those of Africa with a view to bringing the African engineers abreast with the new techniques in road design, construction, maintenance, research and the utilization of intensified labour force in highway works.

Related programmes:

Close collaboration with UNRTD, ADB, IBRD, UNDP, CAU, ECA Divisions and co-operating countries and financing agencies.

9.553. 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:

9.553.01 (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.

9.553.02 (b) Studies:

Second phase of the study of the impact on the region of satellite communication services and the economies of their installation and use. This would be an in-depth study including the possibilities of a Regional Communications Satellite Service (1973-1979);

9.553.04 Studies of broadcasting techniques for promoting the extension of national, subregional and regional coverage, and improvement of mass communications: the economics of VHF-FM Sound Broadcasting and Cable-TV (1977); Joint UN/ECA study on the use of radio broadcasting for accelerating development especially in rural Africa (1973-76).

9.553.05 Continuing studies on a Regional Satellite Broadcasting System and its establishment (1978-1979).

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

9.553.26 Meeting on the establishment of the Pan-African Telecommunication Union (1976-1979);

9.552.27 Meeting on the establishment of regional satellite communication training institute(s) (1978).

Related programmes:

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

9.554 Improvement of postal services

Origin:

Commission resolution 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:

9.554.01 (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; on planning the development of postal services; on the organization and operation of postal statistical services; on postal savings banks; and on the establishment of postal training institutions.

(b) Studies:

9.554.02 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):

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

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

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

Related programmes:

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

MAN-MONTH REQUIREMENTS: 1976 AND 1977

TABLE PCU 1-74

TRANSPORT AND COMMUNICATIONS

Code	Project title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.551	Planning and development of African transport	47	6	12	96	42	47	6	12	72	42
9.552	International roads and road transport	24	4	-	60	36	24	2	-	60	36
9.553	Communications; Development of telecommunications	10	-	-	24	11	10	-	-	48	18
9.554	Improvement of postal services	-	-	-	12	-	-	-	-	12	-
Programme management + leave		15	-	-	-	-	15	-	-	-	-
Total:		96	10	12	180	96	96	8	12	180	96