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**DRAFT MEDIUM-TERM PLAN FOR**  
**1976 to 1979**

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## ABBREVIATIONS

AAASA	Association for the Advancement of Agricultural Sciences in Africa
ADB	African Development Bank
AID	Agency for International Development (United States)
ASWEA	Association of Social Work Education in Africa
CAFRAD	Centre africain de formation et de recherche administratives pour le développement
CIEA	Centre international d'études agricoles
CIEH	Comité intra-africain d'études hydrauliques
CDPPP	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
IDEP	African Institute for Economic Development and Planning
IMCO	Inter-Governmental Maritime Consultative Organization
IMF	International Monetary Fund
IIAP	Institut international d'administration publique (Paris)
IISA	Institut international des sciences administratives (Bruxelles)
IIT	International Inter-modal Transport
ILO	International Labour Office (Secretariat)
ILO	International Labour Organization
IMCO	Inter-Governmental Maritime Consultative Organization
IMF	International Monetary Fund
ITC	International Trade Centre

# ABBREVIATIONS (cont'd)

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

9.210 AGRICULTURE

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.211 Agricultural development through trade expansion and multinational co-operation

Origin:

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

Project aim:

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

Priority A

Work Content:

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

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

(b) Studies:

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

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

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

Related programmes:

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

9.212      Livestock development

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

- (b) Studies:

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

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

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

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

- 9.212.27 Seminar on "Integrated Livestock Development in West Africa" (1977);

- 9.212.28 Seminar on Trade Aspects of Livestock development in Africa.

Related programmes:

Linkage with projects 11.211, 11.213 and 11.214

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

9.213 Long-term development in the West African Sahel

Origin:

Resolution No. 2 of the ninth meeting and resolution No's. 1, 2 and 3 of the tenth meeting of the ECA Executive Committee; ECOSOC resolutions 1759(LIV) and 1797(LV); General Assembly resolution 3054(XXVIII); and resolution 1/73 of the 17th FAO Conference.

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

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

9.213.04 Carry out any other studies which the UN System and/or the (CILSS) may entrust on the Commission;

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

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

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

Related programmes:

Co-ordinated UN System's contribution through the UN Special Sahelian Office; commitment of all Niamey UNDAT resources; ECA Inter-sectoral co-ordination through the Inter-Divisional Working Group on Drought; and functional and logistic links with projects 11.211, 11.212 and 11.213.

- 9.214 African food security and long-term food development plan

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

- 9.214.02 Prepare investment-oriented operational plans from existing national and regional studies on food storage;
- 9.214.03 In-depth analysis of selected food commodities of intra-regional interest (1976-1979);
- 9.214.04 Undertake a comprehensive study on "Food Production and Economic Growth" based on a representative sample of African countries (1976);
- 9.214.05 Case studies of operating farm units, marketing channels and the uses and potentialities of basic agricultural inputs.

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

- 9.214.26 Workshop on Food Production, Storage and Marketing for the countries of the Sudano-Sahel (1976);
- 9.214.27 Seminar on the Share of Africa in a World Food Security and Long-term Food Development Plan with special reference to the World Food Conference (1976).

Related programmes:

Functional links with projects 11.211, 11.212, 11.213 and 11.215; close links with FAO related programmes; joint studies with the Permanent Secretariat of the World Food Conference, WARDA, UNCTAD, UDEAC, UNDATS, etc.

9.215      Structure and organization of agricultural services and institutions

Origin:

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

Project aim:

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

Priority A

Work content:

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

Extending advice to member Governments, on request, for undertaking any of the above functions within the framework of their national and regional goals and objectives; support in the field of agricultural research and in promoting co-operation in research on ecological basis; co-ordinated studies and programmes with UNDATs and multinational groupings; participation in activities of the FAO Special Committee on Agrarian Reform related to the development of settlement schemes and improvement and administration of land institutions and laws; the creation and promotion of pan-African "Agricultural Producers' Associations"; contribute to the promotion and co-ordination of the activities of the non-Governmental Organizations (N.G.O.'s); support the promotion and development of semi-operational multinational projects such as the West African Rice Development Association (WARDA) etc.; promote the case for

and the operational and planning aspects of Integrated Rural Development; and continued contribution to the ILO-based studies on employment and economic development in selected countries.

(b) Studies:

- 9.215.02 Management efficiency studies for selected agricultural enterprises;
- 9.215.03 A comparative study of public agricultural projects and enterprises in selected countries;
- 9.215.04 Continued studies on agrarian structures and reform policies in Africa with priority to the influence of modernized methods and techniques of farming on agrarian and production relationships.

(c) Collection and dissemination of information:

- 9.215.20 "Rural Development Newsletter" (see project 11.533.21).

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

- 9.215.26 Seminar on Agrarian Policies and Economic Development in Africa (1976);
- 9.215.27 Workshop on Settlement of Nomads and the Development of Natural Resources in Africa (1977);
- 9.215.28 Seminar on African Experiences and Progress in Co-operation in the Field of Agricultural Research and Education (1978).

Related programmes

Functional links with projects 11.211, 11.212 and 11.213. Close collaboration and joint work with UNDATs, UDEAC and other Regional Groupings, especially WARDA, CILSS, NGO's, bilaterals and related African institutions and relevant ECA Divisions.

## MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

## AGRICULTURE

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.211	Agricultural Development through trade expansion and multinational co-operation										
9.211.01		6	-	-	4	-	10	-	-	4	4
9.211.02		14	-	36+20	20		14	-	36+22		19
9.211.03		2	-		2	1	2	-		2	1
9.211.04		5	-		4	2	4	-		4	2
9.211.20		1	-		1	2	2	-		1	2
9.211.21		2	-		2	2	1	-		2	2
9.211.26		2	-		1	4	-	-		-	4
9.211.27		-	-		-	-	2	-		2	1
9.211.28		-	-		-	-	-	-		-	-
9.212	Livestock Development										
9.212.01		2	-		2	1	3	-		4	2
9.212.02		8	-	30+11	10		6	-	10+5		8
9.212.03		4	-		4	2	2	-		4	2
9.212.26		2	-		2	2	-	-		-	-
9.212.27		-	-		-	-	1	-		2	2
9.212.28		-	-		-	-	-	-		-	-
9.213	Long-term development in the West African Sahel										
9.213.01		4	-		4	2	8	-		4	2
9.213.02		4	-		4+6	4	4	-		6	4
9.213.03		6	-		4	2	4	-	8+4		6
9.213.04		6	-		4	3	4	-		2	2
9.213.05		4	-		2	4	4	-		6	4
9.213.26		2	-		2	2	4	-		2	2
9.214	African food security and long-term food development plan										
9.214.01		6	-		6	2	6	-		6	4
9.214.02		4	-		6	5	4	-	8+4		6
9.214.03		4	-		2+4	2	4	-		6	2
9.214.04		2	-		2	2	-	-		-	-
9.214.05		8	-		4	6	6	-	8+6		2
9.214.26		2	-		2	2	-	-		-	-
9.214.27		2	-		4	2	-	-		-	-

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.215	Structure and Organization of Agricultural Services and Institutions										
9.215.01		6	-		5	4	11	-		4	5
9.215.02		2	-		2	2	2	-		2	3
9.215.03		8	-		4	4	10	-		8	4
9.215.04		6	-		2	2	6	-		2+4	2
9.215.20		2	-		2	2	2	-		2	2
9.215.26		4	-		2	2	-	-		-	-
9.215.27		-	-		-	-	4	-		2	2
9.215.28		-	-		-	-	-	-		-	-
Programme Management		14	-		12	20	14	-		12	20
TOTAL:		144	-		72+132*	120	144	-		72+132*	120

\* FAO plus 72 from UNDP and Bilateral sources.

11.240 DEVELOPMENT PLANNING, PROJECTIONS AND POLICIES

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9 .241 Development trends, requirements and possibilities

Origin:

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

Project aim:

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

Priority A

Work content:

9..241.01 (a) Assistance to countries and territories (1976-1979):

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

(b) Studies:

9 .241.03 Review and appraisal of the objectives and policies of development during the 1970s (1976-1979);

9 .241.04 Study on methods of quantifying social factors and the assessment of their role in the development of national economies (1976);

9 .241.20 Survey of Economic Conditions in Africa, Part I (1976-1979);

9 .241.21 Review and Appraisal of Progress during the Second Development Decade (1976-1979);

9 .241.22 Survey of Economic Conditions in Africa, Part II (1976-1979).

Related programmes:

Close collaboration with CDPPT and all ECA Divisions and Sections. Economic Bulletin for Africa (annual).

9.242. Planning and programming

Origin:

ECOSOC resolutions 916(XXXIV), 924(XXXIV), 979(XXXVI), 1035(XXXVII), 1079(XLI) and 1175(XLI); Commission terms of reference, first session report, Commission resolutions 15(II), 18(II), 37(III), 48(IV), 49(IV), 80(V), 105(VI), 111(VI), 117(VI), 145(VII), 197(IX) and 218(X); Planners' Conference reports.

Project aim:

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

Priority A

Work content:

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

Providing advisory services to member countries, on request, in the field of development planning and projections; and maintaining liaison with central planning organs, universities and other planning institutions and organizations.

(b) Studies:

9.242.03 Preparation of projections for African countries for the period 1981-1990 (1978-1979);

9.242.05 Analysis of African Development Plans (1976-1979);

9.242.06 Sectoral planning in African development programmes (1976-1979);

9.242.07 Study into the theoretical viability and applicability of the idea of "Pôles de développement" as instrument for the integration of national economies (1976);

- 9.242.08      Development of overall planning techniques and models suitable for African conditions in the light of country practices (1978-1979)
- 9.242.10      Study into the methodology of data collection, storage and retrieval for comprehensive regional planning (1978-1979).
- (c) Collection and dissemination of information:
- 9.242.20      Economic Bulletin for Africa (1976-1979);
- 9.242.21      Planning Newsletter (1976-1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.242.26      Conference of African Planners (1976-1978);
- 9.242.27      Training workshops in the techniques of planning (1977-1979).

Related programmes:

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

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

Origin:

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

Project aim:

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

Priority A

Work content:

9..243.01 (a) Assistance to countries and territories (1976-1979):

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

(b) Studies:

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

Related programmes:

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

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

DEVELOPMENT PLANNING, PROJECTIONS AND POLICIES

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.241.01	Assistance to countries and territories	6	-	-	-	2	8	-	-	-	2
9.241.03	Review and appraisal of the objectives and policies of development during the 1970s	36	-	-	-	18	24	-	-	-	16
9.241 04	Study on methods of quantifying social factors and the assessment of their role in the development of national economies	8	-	-	-	4	6	-	-	-	2
9.241.20	Survey of Economic Conditions in Africa, Part I	24	-	-	-	16	24	-	-	-	12
9.241.21	Publication of the report on review and appraisal of progress during the Second Development Decade	-	-	-	-	-	6	-	-	-	4
9.241.22	Survey of Economic Conditions in Africa, Part II	2	12	-	-	6	2	12	-	-	6
9.242.01	Assistance to countries and territories	6	-	-	-	2	8	-	-	-	2
9.242.05	Analysis of African Development Plans	18	-	-	-	8	18	-	-	-	8
9.242.06	Sectoral Planning in African Development Programmes	18	-	-	-	10	30	-	-	-	10

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

9.244 CENTRE FOR ECONOMIC CO-OPERATION

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.245 Identification and promotion of economic co-operation opportunities (1976-1979)

Origin:

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

Project aim:

To apprise Governments of the widest possible range 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:

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

In the harmonization of work programmes for economic co-operation among groups of countries and intergovernmental organizations; identification, formulation and implementation of multinational and integrated projects in agriculture, industry, training, research, transport, trade and other sectors; technical assistance to groups of countries and intergovernmental organizations in connexion with meetings, conferences, seminars, etc., for furthering economic co-operation; and in the establishment and management of United Nations multinational inter-disciplinary development advisory teams (UNDATs) and backstopping and co-ordinating the work of the ECA subregional offices for rendering technical assistance to Governments individually and collectively.

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

9.245.26 Annual Intergovernmental Programme Review Committee - all UNDATs, 1976, 1977, 1978, 1979.

Related programmes:

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

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

Origin:

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

Project aim:

To assist Governments in adopting appropriate policies and measures and making other adequate formal and informal arrangements for undertaking effective economic co-operation.

Priority A

Work content:

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

Introducing required reforms in the structure, work methods, administrative procedures, etc., of intergovernmental institutions and establishing new institutions where appropriate to provide an adequate framework for negotiations, decision-making and implementation of multinational and integrated projects; facilitation and promotion of information on intergovernmental arrangements for establishing multinational and integrated development programmes and projects; creation of appropriate machineries for negotiation and implementation of benefit-sharing schemes among countries in formal and informal economic groupings; and serving as a clearing house to countries individually and collectively as well as economic groupings on information relating to African economic co-operation in general.

(b) Studies:

9.246.02      Rural and structural transformation in Africa through inter-sectoral and multinational co-operation, in collaboration with ILO, OAU, and other ECA Divisions, (1978-1979);

9.246.03      Human resources and capital mobility as distributive instruments for furthering economic co-operation, East Africa 1976; Central Africa 1976-1977; North Africa 1976-1977;

9.246.04      Indigenous African multinational enterprises as instruments for promoting economic co-operation (1976);

9.246.07      Trends in the pattern of resource misallocation through excess capacity in the absence of economic co-operation in various sectors in the Africa region and proposals for coping with the situation (1978-1979).

(c) Collecting and dissemination of information:

9.246.20        Directory of African Intergovernmental Organizations  
(1976, 1978);

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

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

9.246.27        Seminar for executives of formal and informal  
multinational groupings on "Indigenous African multinational  
enterprises as instrument for promoting economic co-operation  
(1977);

9 246 28        Conference on human resources and capital mobility as  
distributive instruments for furthering economic co-operation  
(1978);

9.246.29        Meeting on trends in the pattern of resource misallocat-  
ion through excess capacity in the absence of economic  
co-operation in various sectors (1979).

MAN MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

CENTRE FOR ECONOMIC CO-OPERATION

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.245.01	Assistance to countries and territories (1976-79)	19	-	-	-	-	19	-	-	-	-
9.245.26	Annual Intergovernmental Programme Review Committee, all UNDATs	2	-	-	-	-	2	-	-	-	-
9.246.01	Assistance to countries and territories(1976-79)	18	-	-	-	-	18	-	-	-	-
9.246.03	Human resources and capital mobility as distributive instruments for furthering economic co-operation	4	-	-	-	-	6	6	-	-	-
9.246.04	Indigenous African multinational enterprises as instruments for promoting economic co-operation	9	6	-	-	-	-	-	-	-	-
9.246.20	Updating of the Directory of African Intergovernmental Organizations	1	-	-	-	-	-	-	-	-	-
9.246.21	Updating Manual on Economic Co-operation Cost-Benefits	1	-	-	-	-	-	-	-	-	-
9.246.27	Seminar for executives of formal and informal multinational groupings on "Indigenous African multinational enterprises as instrument for promoting economic co-operation"	-	-	-	-	-	3	-	-	-	-

## B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

9.260 EDUCATION AND TRAINING

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 relating to Human Resources.

### Project aim:

To assist member States in their effort to reform and develop their educational and training systems in order to make the systems more efficient, effective and appropriately oriented to meet the requirements of economic and social development. In pursuance of this long-term objective the project further aims at 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 African lower and middle-level educational system (1976-1977);
- 9.261.05      Case studies in training for industrialization (1978-1979);
- 9.261.08      Study of innovations and programme effectiveness in non-formal educational and training programmes for manpower development (1976-1977);
- 9.261.09      Studies of achievements, possibilities and constraints in intra-African co-operation in the development and utilization of higher educational and specialized training facilities: 1976-1979 - (i) East and Southern Africa (1976); (ii) West Africa (1977); (iii) North Africa (1978); (iv) Central Africa (1979);
- 9.261.10      Case studies in training for rural transformation and agricultural modernization (1976-1977);
- 9.261.11      Comparative studies of educational policies and programmes for rural development in selected African countries-experiences, problems and effectiveness in aiding rural modernization (1976-1978);
- 9.261.12      Review of developments and problems in Africa's educational reform to meet development needs as a suggestive basis for further reforms in educational structure and content (1977-1978);
- 9.261.13      Evaluation study of the effectiveness and adequacy of technical education policies and programmes in relation to technical manpower requirements (all sectors and levels) in selected African countries (1978-1979).

(c) Collection and dissemination of information:

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

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

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

Related programmes:

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

9.262      Fellowship programme and training facilities

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

(c) Collection and dissemination of information:

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

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

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

Related programmes:

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

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.260	EDUCATION AND TRAINING										
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 (1976-77)	2	-	-	-	1	2	-	-	-	1
9.261.21	Monographs on training for development (1976-77)	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 11.291(a) 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 of 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 to improve mechanisms for housing finance. Consultations have been under way with IBRD and ADB on methods by which they would collaborate. Close collaboration will also be maintained with 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 (1976-1979).

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-operatives, 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 (1976-1979).

(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	POLICIES AND PROGRAMMES FOR HOUSING, BUILDING, PHYSICAL PLANNING AND URBAN DEVELOPMENT										
9.291.01	Assistance to countries and territories	5	-	-	-	2	4	-	-	-	1
	(i) promotion of training facilities for physical planning personnel;										
	(ii) establishment of administrative and executive physical planning units;										
	(iii) formulation and imple- mentation of national housing policies and programmes.										
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	Preparation of a Manual for Housing Administrators	1	-	-	4	1.5	1	-	-	3	1
9.291.06	Preparation of 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	-

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
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	IMPROVING HOUSING FINANCE MECHANISMS AND INCREASING INFLOW OF CAPITAL TO HOUSING										
9.292.01	Assistance to countries and territories. (i) formulation and implementation of policies (ii) strengthening of existing financial institutions, etc.	-	-	6	8	4.5	-	-	6	8	4.5
9.292.03	Study of rent policies and rent structure for housing and site 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	-
9.292.20	Collection and dissemination of information on techniques for financing housing	-	-	2	-	0.5	-	-	2	-	0.5
9.293	PROMOTING THE EFFICIENT UTILIZATION OF RESOURCES FOR HOUSING AND URBAN DEVELOPMENT										
9.293.01	Assistance to countries and territories (i) establishment of co-operative housing projects; (ii) improvement of design for rural and peri-urban dwellings; (iii) promotion of building cost evaluation systems.	5	-	-	5	2.5	7	-	-	3	2.5

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
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	BUILDING RESEARCH AND STANDARDIZATION										
9.294.01	Assistance to countries and territories	3	-	-	5	2	3	-	-	5	2
	(i) encouraging collaboration in research programmes, exchange of information, etc.										
	(ii) measures for improving the organization and operations of African building contractors										
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

9.331 Industrial plans, policies and programmes

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

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

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

- 9.331.05 Appraisal of policies, institutions and mechanisms used in Africa for the promotion of multinational industries (1977);
- 9.331.06 Selective studies on trends in the terms of trade between agriculture and industry (1976-1979);
- 9.331.07 Assessment of the prospects for sustained industrialization in Africa during the next decade in the light of changing conditions in international economic relationships (1978);
- 9.331.08 Study on steps taken and initiatives pursued for co-ordinating efforts of the intergovernmental and regional organizations in Africa with the object of promoting the establishment of multinational industries (1977);
- 9.331.09 Study on the need and feasibility of creating an "African Industrialization Agency" (1978)
- (c) Collection and dissemination of information:
- 9.331.20 Country fact sheets on industrial policies, programmes and institutions (1976-1979);
- 9.331.21 Summaries of industrial development plans (1976-1979);
- 9.331.22 Analytical abstracts of successful experiences in the formulation and implementation of specific industrialization policies (1976-1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.331.26 Biennial conferences of African Ministers of Industry (1977-1979);
- 9.331.27 Follow-up Committee on Industrialization in Africa (1976, 1978);
- 9.331.28 Multilateral consultations on multinational industries (1976-1979).

Priority "B" projects

- 9.331.29 Expert working group on multinational industrial policies and programmes to review progress in approaches and procedures for establishing multinational industries and to mobilize bilateral and multilateral assistance for undertaking feasibility studies (1976).

9.332 Industrial project development and preinvestment programming

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

(c) Collection and dissemination of information:

- 9.332.20 Extracts of feasibility studies (1977-1978);
- 9.332.21 Project register (1976-1979);
- 9.332.22 Guidelines on forecasting techniques (1977).

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

Priority "B" projects

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

9.333 Industrial investment promotion services

Origin:

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

and the Declaration on Industrialization in Africa: Principles and Guidelines for Co-operation and Development adopted by the Second Conference of African Ministers of Industry in December 1973.

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

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

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

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

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

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

(c) Collection and dissemination of information:

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

9.333.21        Investment Promotion Newsletter (1976-1979);

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

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

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

Priority "B" projects

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

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

9.334        Development of rural and small-scale industries

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

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

9.334.04 Labour intensive industries and employment objectives (1976);

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

(c) Collection and dissemination of information:

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

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

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

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

9.335      Industrial training and technology

Origin:

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

Project aim:

To promote the accelerated development of industrial manpower and technology.

Priority A

Work content:

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

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

(b) Studies:

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

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

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

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Priority "B" projects

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

Related programmes:

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

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

INDUSTRIAL DEVELOPMENT

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.331.01	Advisory missions on plans, strategies, programmes and appraisals	3	-	10	3	-	3	-	10	3	-
9.331.02	Studies on export competitiveness	6	-	-	-	-	4	-	-	-	-
9.331.03	Studies on relative prices of commodities and manufactures	5	-	-	-	-	4	-	-	-	-
9.331.04	Annual review and appraisal of industry	3	-	3	3	-	3	-	3	3	-
9.331.05	Appraisal of multinational industrial policies and approaches	-	-	-	-	-	6	-	-	-	-
9.331.06	Terms of trade between agriculture and industry	6	-	-	4	-	6	-	-	4	-
9.331.08	Review of co-operation in the field of industry between African organizations	-	-	-	-	-	6	-	-	-	-
9.331.20	Country fact sheets	6	-	-	5	-	4	-	-	4	-
9.331.21	Summaries of industrial plans	6	-	-	-	-	4	-	-	-	-
9.331.22	Analytical abstracts on policies	3	-	3	3	-	3	3	3	-	-
9.331.26	Biennial conferences of African Ministers of Industry	-	-	-	-	-	19	8	6	-	-
9.331.27	Follow-up Committee on Industrialization	5	6	2	-	-	-	-	-	-	-
9.331.28	Multilateral consultations on multinational industries	10	6	6	-	-	10	6	6	-	-

[illegible]

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.333.21	Investment Promotion Newsletter	7	-	3	1	-	6	-	4	5	-
9.333.22	Manual on industrial organization and financing	-	-	-	-	-	5	-	-	-	-
9.333.26	Panel of experts of foreign investment	4	-	4	-	-	-	-	-	-	-
9.334.01	Advisory missions on policies, programmes, projects and institutions	2	-	3	8	-	2	-	5	8	-
9.334.02	Guide on African centres for small-scale industries development	5	-	-	-	-	-	-	-	-	-
9.334.03	Identification of investment opportunities	-	-	3	9	-	-	-	3	9	-
9.334.04	Labour-intensive industries and the employment objective	6	-	-	-	-	-	-	-	-	-
9.334.20	Small-scale industries bulletin	4	-	1	-	-	4	-	1	-	-
9.334.26	Consultation meeting of associations of African industrialists	8	-	-	-	-	-	-	-	-	-
9.335.01	Advisory missions on skills and technology and development	3	-	22	6	-	2	-	13	6	-
9.335.02	Preparation of training manuals	4	-	2	6	-	9	-	-	6	-
9.335.03	Study on the changing demand for industrial skills	-	6	-	-	-	4	3	3	-	-
9.335.04	Survey of industrial technology in Africa	-	-	-	-	-	5	-	3	-	-
9.335.20	Summaries of successful experience in training prog.	4	-	-	3	-	-	-	-	-	-
9.335.21	Directory of African industrial research establishments	-	-	-	-	-	3	-	-	3	-
TOTAL:		164	18	132	120	120	162	20	130	120	120

9.340 INTERNATIONAL TRADE

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.341 Restructuring of Africa's internal and external trade

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

9.341.02 To study ways and means of introducing structural changes in the domestic, interregional and external trade of African countries with a view to trade expansion with other developing countries and with the centrally planned economies so as to enhance their contribution to economic development. To evaluate any structural changes which may have taken place in recent years (1976-1979).

(c) Collection and dissemination of information:

9.341.20 Articles on African trade and development will be written for Economic Bulletin for Africa (see 11.242.20) (1976-1979).

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

9.341.26 National training courses on commercial policy and trade promotion.

Related programmes:

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

9.342 Development and expansion of intra-African trade

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

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

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

Related programmes:

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

- 9.343 Commodity problems and policies

Origin:

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

**Project aim:**

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

**Priority A**

**Work content:**

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

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

(b) Studies:

9.343.02 Undertake studies on selected commodities as a basis for international commodity negotiations and consultations among African producing countries as well as between African and other producing countries, and including the possibilities of establishing and strengthening producers' Associations (1976-1979);

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

**Related programmes:**

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

9.344      Trade promotion

Origin:

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

Project aim:

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

Priority A

Work content:

9.344.01    (a) Trade development advisory services (1976-1979):

(i) Improve information and contacts among African countries with a view to promoting intra-African trade, in collaboration in particular with the Association of African Trade Promotion Organizations;

(ii) Advise Governments on the establishment of national trade promotion machinery, field research and identification of products and markets;

(iii) Advise and assist Governments in the establishment of an export credit financing and export credit insurance scheme;

(iv) Assist Governments in introducing simplified and co-ordinated trade documentation and procedures;

(v) Assist Governments in the identification of trade incentives and disincentives, and advise on appropriate measures for trade expansion;

(vi) Assist in trade promotion activities by providing an efficient documentation and publication programme related to African trade;

(vii) Assist in organizing multinational supply and market information trade missions, product exhibitions and other export promotion activities.

(b) Studies:

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

- 9.344.04 Undertake market research on selected products and markets in intra-African trade (1976-1979).

(c) Collection and dissemination of information:

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

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

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

- 9.344.33        General Assembly of the Association of African  
Trade Promotion Organizations (1976-1979);
- 9.344.34        Subregional meetings of the Association of  
African trade Promotion Organizations.
- 9.345        Common trade and development institutions (1976-1979)

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

- (b) Studies:

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

Related programmes:

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

9.346 Harmonization meetings

Origin:

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

Project aim:

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

Priority A

Work content:

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

(i) Preparation of studies, surveys and documents regarding trade and development issues;

(ii) Formulation of recommendations aimed at assisting in the harmonization of African positions.

(b) Studies:

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

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

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

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

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

Related programmes:

Close collaboration with OAU and ADB.

INTERNATIONAL TRADE

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

Code	1976					1977				
	P	C	RA	XB	GS	P	C	RA	XB	GS
11.341.01	2	-	-	-	-	1	-	-	-	-
11.341.02	8	7 <sup>1/</sup>	-	21 <sup>1/</sup>	-	8	-	-	28 <sup>2/</sup>	-
11.341.20	2	-	-	-	-	2	-	-	-	-
11.341.26	5	-	-	2 <sup>3/</sup>	-	5	-	-	2 <sup>3/</sup>	-
11.342.01	1	-	-	-	-	1	-	-	-	-
11.342.02	5	6 <sup>4/</sup>	-	16 <sup>4/</sup>	-	4	-	-	12 <sup>4/</sup>	-
11.342.03	4	-	-	6 <sup>2/</sup>	-	3	-	-	-	6
11.342.04	-	-	-	-	-	3	-	-	6 <sup>6/</sup>	-
11.342.05	-	-	-	-	-	3	-	-	-	-
11.342.26	-	-	-	-	-	2	-	-	-	-
11.342.27	4	-	-	-	-	3	-	-	-	-
11.342.28	1	-	-	-	-	-	-	-	-	-
11.343.01	-	-	-	-	-	-	-	-	-	-
11.343.02	4	-	-	16	-	4	-	-	16 <sup>7/</sup>	-
11.343.03	2	-	-	-	-	2	-	-	-	-
11.344.01	9	6	8	24	-	10	6	8	24	-
11.344.02	4	-	-	9	-	4	-	-	6	-
11.344.03	-	-	-	-	-	3	-	-	6	-
11.344.04	8	-	2	9	-	8	-	2	9	-

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

Code	P	C	RA	XB	GS	P	C	RA	XB	GS
11.344.20	3	-	-	-	-	3	-	-	-	-
11.344.21	5	-	-	9	-	3	-	-	9	-
11.344.26	1	-	-	3	-	1	-	-	3	-
11.344.27	3	-	-	12	-	3	-	-	12	-
11.344.28	3	-	-	8	-	3	-	-	8	-
11.344.29	-	-	-	-	-	4	-	2	6	-
11.344.30	1	-	-	8	-	1	-	-	8	-
11.344.31	2	-	-	8	-	2	-	-	8	-
11.344.32	3	-	2	6	-	-	-	-	-	-
11.344.33	3	-	-	3	-	-	-	-	-	-
11.344.34	3	-	-	3	-	3	-	-	3	-
11.345.01	1	-	-	-	-	1	-	-	-	-
11.345.02	4	-	-	-	-	4	-	-	-	-
11.345.26	4	-	-	-	-	4	-	-	-	-
11.346.01	1	-	-	-	-	1	-	-	-	-
11.346.02	2	-	-	-	-	3	-	-	-	-
11.346.26	3	-	-	-	-	4	-	-	-	-
11.346.27	2	-	-	-	-	2	-	-	-	-
11.346.28	4	-	-	-	-	-	-	-	-	-
TOTAL:	108	19	12	163	-	108	6	12	166	6

9.440 LABOUR, MANAGEMENT AND EMPLOYMENT

9.441 Manpower and employment planning and management development

Origin:

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

Project aim:

To assist member States in developing national administrative and institutional capability for human resources planning, including the formulation and implementation of appropriate policies and strategies for human resources utilization; to this end organize national and multinational programmes for training Africans in the techniques and approaches of integrated human resources planning, including the manpower, employment and education aspects of population planning. A further objective is 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 multi-lateral 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);
- 9.441.28      Regional expert group meetings to evaluate programmes in manpower planning and training (1977 and 1979);
- 9.441.29      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 in an effort to foster an interdisciplinary approach to human resources planning. Within the framework of ECA work programme effective collaboration with the ILO in particular will be pursued with a view 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 as well as with other units of ECA secretariat to co-ordinate action with regard to sectoral manpower analysis and evaluation of requirements.

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

9.460.01 Natural resources inventory, planning and management

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

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

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

Related programmes:

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

MAN-MONTHS REQUIREMENTS ; 1976 AND 1977

TABLE PCU 1-74

NATURAL RESOURCES

Code	1976					1977				
	Man-months required					Man-Months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.460.01	4	-	-	-	-	-	-	-	-	-
9.460.26	2	-	-	-	10	9	-	-	-	10
TOTAL:	6	-	-	-	10	9	-	-	-	10

9.461 MINERAL RESOURCES

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

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

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

9.461.02 Study of the existing institutions dealing with the mineral resources development in African countries and the further demands to strengthen their efficiency (1976-1979).

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

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

Related programmes:

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

- 9.461.03 Raw materials for selected mineral industries in Africa

Origin:

Commission term of reference, report of the ninth session.

Project aim:

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

Priority A

Work content:

(b) Studies:

- 9.461.02 Studies on raw materials for the metallic industries covering exploration, development and production: iron ore and bauxites, copper, lead, zinc, tin (1976);
- 9.461.03 Studies of raw materials used as sources of energy: coal, bituminous schists, asphaltic rocks (1977);
- 9.461.04 Studies of mineral raw materials for the building industries (1978);
- 9.461.05 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

Code	1976					1977				
	Man-months required					Man-months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.461.01	20	-	9	20	15	20	-	9	20	20
9.461.26	12	-	2	4	8	6	-	-	-	3
9.461.27	-	-	-	-	-	2	-	1	-	1
9.461.28	-	-	-	-	-	8	-	1	-	4
9.461.02	12	-	1	-	1	-	-	-	-	-
9.461.03	-	-	-	-	-	12	-	1	-	2
TOTAL:	44	-	12	24	24	48	-	12	20	30

9.462 WATER RESOURCES

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.462.01 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:

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

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

9.462.012 (b) Studies:

(i) Prepare a master plan for the development of hydrometeorological networks in Africa;

(ii) Preparation and publication of the series - Water Resources Planning and Development in Africa;

(iii) Water supply and demand and projections for the future;

(iv) Flood damages and their mitigation

(v) Preparation of water codes and organization of water administrations.

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

(i) Working groups' meetings as follow-up of the Regional Technical Conference on Water Resources;

(ii) Participation in the UN World Water Conference (1977);

(iii) Participate in UNESCO and WMO meetings on International Hydrological Programme and Tropical Cyclones;

(iv) Participate in meetings of ACC Sub-Committee on Water Resources.

Related programmes:

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

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

9.462.02 Manpower training and research in the field of water development

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies)

9.462 022 Updating the survey of manpower, education, training and research facilities for water resources development in West Africa.

Related programmes:

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

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9.462.03 Development of international water resources

Origin:

Commission terms of reference, report of the Working Group on Water Resources Planning (1970).

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

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

9.462.036 Meetings of inter-state technical committee on the development of Lake Tanganyika basin and; participate in meetings of international river commissions like Chad, Niger, Senegal.

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

Code	1976					1977				
	Man-months required					Man-months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.462.011	7	-	11	18	18	7	-	11	18	18
9.462.012	13	-	-	28	17	13	-	-	28	17
9.462.016	1	-	1	2	3	1	-	1	2	3
9.462.021	3	-	-	-	2	3	-	-	-	2
9.462.022	3	-	-	-	2	3	-	-	-	2
9.462.031	3	-	-	4	2	3	-	-	4	2
9.462.032	3	-	-	4	3	3	-	-	4	3
9.462.036	3	-	-	4	1	3	-	-	4	1
TOTAL:	36	-	12	60	48	36	-	12	60	48

9.463 ENERGY

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9.463.01 Planning and optimum development of natural energy resources in Africa

Origin:

General Assembly resolutions 1401(XIV), 1425(XIV) and 2173(XXI); ECOSOC resolutions 876(XXXIII), 877(XXXIII), 886(XXXIV), 1083(CD) (XXXVII), 1111(XL), 1127(XLI), 1218(XLII), 1316(XLIV), 1318(XLIV), 1426(XLVI) and 1427(XLVI); Commission resolutions 13(II), 18(II), 33(III), 34(III), 43(IV), 225(X) and 164(VIII); Report of the African Electric Power Meeting (1963); Resolution B.IV of the Sixth Summit Conference of East and Central African States; Report of Regional Conference on Petroleum Industry and Manpower Requirements in the Field of Hydrocarbons (1974).

Project aim:

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

Priority A

Work content:

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

Devising measures for promoting the development of energy in Africa; compiling an exhaustive inventory of energy resources, training facilities and needs with a view of encouraging the establishment of standing committees for energy in all the economic subregions to be responsible for making recommendations regarding the formulation and co-ordination of policies and the possibilities of intensifying the development of favourable resources; and establishment of an African Documentation Centre, responsible for collection, analysis and dissemination of up-to-date information on all aspects (including petroleum legislation and agreements) of the petroleum industry.

(b) Studies:

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

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

(c) Collection and dissemination of information:

9.463.010 Collecting and updating of information on utilization of different energy sources and dissemination of African energy data either by annual bulletin or by information reviews.

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

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

9.463.017 Subregional meetings on energy:

Central Africa (1977), East Africa (1979);

9.463.130 Regional meetings on energy:

Third African Meeting on Energy (1979).

Priority B

9.463.132 Working group on the processing and marketing of hydrocarbons on subregional and regional basis (1978).

(b) Studies:

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

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

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

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

Related programmes:

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

9.463.02      Development of electrical energy

Origin:

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

Project aim:

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

Priority B

Work content:

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

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

Related programmes:

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

9.463.03      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:

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

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

Related programmes:

UN Headquarters, ECE, IBRD, ADB.

9.463.04 Development of non-conventional sources of energy

Origin:

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

Project aim:

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

Priority B

Work content:

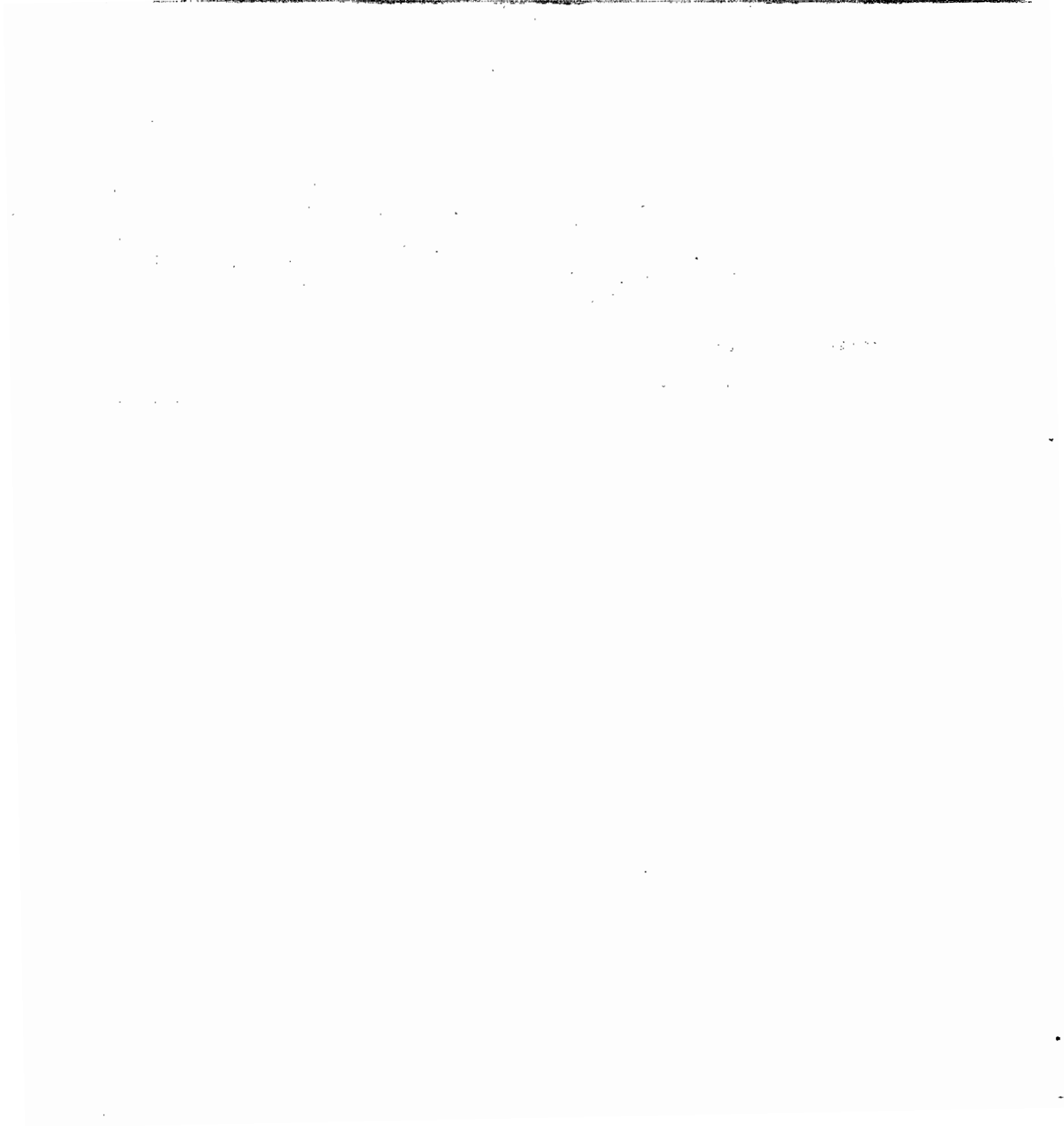
(a). Assistance to countries and territories (1976-1979):

9.463.041 Making recommendations to Governments on the expansion of existing solar energy centres, the establishment of a multinational solar energy centre for the Sahelian region and generally on the economic use of solar energy; reviewing technical and technological developments in the field of atomic energy, and promoting the expansion of prospecting programmes for radio active substances in appropriate areas; advising Governments on the establishment of

multinational institutes for the study of the various sources of energy, and formulating plans for the training of specialized personnel; and reviewing the development of geothermal energy on a global basis, and assisting Governments in the development of this form of energy in appropriate zones of the region.

**Related programmes:**

UNDP, IBRD, IAEA, and bilateral assistance agencies.



9.464 CARTOGRAPHY

D. DEVELOPMENT OF ESSENTIAL SERVICES

9.464.01 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:

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

9.464.011

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

(b) Studies:

9.464.012

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

(c) Collection and dissemination of information:

9.464.010

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

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

9.464.016

Fourth Regional Cartographic Conference for Africa (1976);

9.464.018

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.

9.464.02     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:

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

9.464.021     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:

9.464.022     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):

9.464.026     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

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.464.011	(a)(i) Establishment of sub-regional centres for Training in photogrammetry, photo interpretation and air borne geophysical surveys.	1	-	1	-	1	2	-	-	-	1
9.464.011	(a)(ii) Establishment of common centres for specialized services in surveying and mapping.	1	-	-	-	1	2	-	-	-	1
9.464.012	Survey of manpower requirements in the field of surveying and mapping.	4	-	-	2	2	4	-	-	2	2
9.464.010	Publication of an African Cartographic Information Bulletin.	3	-	-	12	18	3	-	-	12	18
9.464.016	Fourth Regional Cartographic Conference for Africa	4	-	-	12	6	5	-	-	-	6
9.464.018	Seminar on new Techniques in surveying and mapping.	3	-	-	4	1	-	-	-	-	-
9.464.021	(a)(i) To assist countries, on request in conducting joint geodetic and related surveys of border areas.	2	-	-	-	1	2	-	-	-	2
9.464.021	(a)(ii) To prepare, review and revise regional and sub-regional maps on hydrogeology, minerals, oil and natural gas.	3	-	-	-	6	3	-	-	-	6
9.464.021	(a)(iii) Study 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
9.464.026	Meeting to prepare common specifications on selected special purpose maps.	1	-	-	4	6	1	-	-	4	6
TOTAL:		24	-	1	46	48	24	-	-	30	48

9.465 HUMAN ENVIRONMENT

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

Origin:

Addis Ababa Seminar Recommendation 36; Stockholm Recommendations 104(a), 95(d) and 53; General Assembly resolution 2997(XXVV); ECA resolution 238(XI) and 239(XI).

Project aim:

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

Priority A

Work content:

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

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

## (b) Studies: -

9.465.012

(i) To study and prepare period reports on the state of the human environment in Africa based on national reports from members States and on research by the Secretariat;

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

## (c) Collection and dissemination of information:

9.465.013

The secretariat will act as a regional information centre on all aspects of the human environment and will co-ordinate information for Africa on the proposed global environmental assessment programme.

Related programme:

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

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.465.011	Assistance to Governments	4	-	-	-	-	4	-	-	-	-
9.465.012	Studies	4	-	-	-	-	4	-	-	-	-
9.465.013	Collection and dissemination of information	4	-	-	-	4	4	-	-	-	4
TOTAL:		12	-	-	-	4	12	-	-	-	4

9.480 POPULATION

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.481 Demographic aspects of economic and social development

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

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

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

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

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

Related programmes:

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

9.482      Relevant aspects of population policies and programmes

Origin:

General Assembly resolution 2211(XXI); ECOSOC resolution 1347(XLV); Commission terms of reference; ninth session of the Commission (report, paras. 517-527); Sixth Conference of African Statisticians (report); Expert Group on Population (report); first session of the Conference of African Demographers; first and second sessions - Conference of Ministers.

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

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

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

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

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

Related programmes:

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

9.483 Regional training and research

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

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

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

Related programmes:

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

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

POPULATION

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

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.481.24	African Directory of Demographers	-	-	-	-	-	-	-	-	4	4
9.481.22	Preparation of bibliographies	-	-	-	12	40	-	-	-	12	40
	Clearing House activities	-	12	-	24	42	-	6	-	20	42
9.481.27	Conference of African Demographers	-	-	-	3	3	-	-	-	-	-
9.481.28	Regional Inter-Agency Co-ordination meeting on Population (annual)	-	-	-	1	3	-	-	-	3	3
9.481.29	Meeting of Non-United Nations Organizations Interested in Population Work in Africa (annual)	-	-	-	1	3	-	-	-	3	3
9.481.34	Working group on Demographic Aspects of Manpower and Employment	6	3	2	-	6	-	-	-	-	-
9.481.36	National seminars on macro and micro country case studies	6	-	2	6	8	6	-	2	6	10
9.482.01	Assistance to countries and territories	-	-	12	6	6	-	-	12	12	6
9.482.11	Study of fertility differentials among different occupational groups	-	-	-	12	12	-	-	-	-	-
9.482.12	Study of the effect of indigenous methods of family planning on fertility in selected countries	-	-	-	12	12	-	-	-	-	-
9.482.06	Conducting pilot studies of fertility, infant mortality and evaluation of population programmes	-	-	3	18	9	-	-	2	17	12
9.482.04	Study of the administration of family planning programmes in Africa	-	-	-	9	6	-	-	-	-	-

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

## 9.484 AFRICAN CENSUS PROGRAMME

### A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

#### Demographic aspects of economic and social development

#### Origin:

Tenth and Eleventh sessions of the Commission (reports, E/4997 and 5253); ECA Technical Committee of Experts (Reports, E/CN.14/474, 512, 571 and 602); Conference of African Demographers (Report, E/CN.14/553); Conference of African Statisticians (Reports, E/CN.14/113, 255, 405, 464, 547 and 611); Consultative Group on the African Census Programme (Reports, E/CN.14/POP/59 and E/CN.14/496).

#### Project aim:

To assist Governments of the region in improving their information services with regard to population size, growth rates, employment, education and other characteristics, and to direct attention to the interrelationship between population dynamics and economic and social development.

#### Priority A

#### Work content:

#### 9.484.01 (a) Assistance to countries and territories (1976-1977):

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

#### (b) Studies:

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

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

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

(c) Collection and dissemination of information:

9.484.20 African Census Programme Newsletter.

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

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

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

Related programmes:

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

9.484.0.1 Regional training and research

Origin:

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

Project aim:

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

Priority A

Work content:

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

Training Course on Supplemental Surveys in Relation to Census Data; and on-site training of local technicians by regional advisers.

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

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

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

Related programmes:

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

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
	African Census Programme (Regional Component)	12	-	96	0	60	12	-	72	-	48

9.500 PUBLIC ADMINISTRATION

B DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

9.501 Localization of Professional Training and Qualifications

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

9.501.02 Evaluating and developing existing standard syllabi and curricula in use for professional training by examinations boards and training institutions (1976-1979);

9.501.03 Studies of country initiatives, measures and programmes for the development of professional training and qualifications in new vocational fields.

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

9.501.26 Short-term lectures 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).
9. (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 institutions 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:

9.406.04 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
9.500	<u>Localization of Professional Training and Qualifications</u>										
9.501.01	Assistance to countries and territories (1976-1977)	2	-	2	-	-	3	-	3	-	-
9.501.02	Evaluating & 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 & Southern Africa (1976); West and North Africa (1977)	-	-	1	-	3	-	-	1	-	3
9.502	<u>Development of Administrative and Managerial Capability in Public and Parastatal Organizations</u>										
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 inter-relationships, 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 & Southern Africa (1976); West and North Africa (1977)	-	-	2	-	-	-	-	2	-	1
9.502.28	Peripatetic national training workshops on personnel management and staff development: Eastern & Southern Africa (1976); West and North Africa (1977)	3	-	-	-	-	3	-	1	-	-

[illegible]

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.504	<u>Establishment of management improvement services</u>										
9.504.01	Assistance to countries and territories (1976-1977)	-	-	2	-	-	2	-	2	-	-
9.504.02	Organization services in the public sector (revision) (1976)	1	-	-	-	2	-	-	-	-	-
9.504.26	Meeting of experts in Organization and productivity - East Africa (1976)	2	-	-	-	-	-	-	-	-	-
9.505	<u>Improving the Administration of development programmes and budget management</u>										
9.505.01	Assistance to countries and territories (1976-1977)	-	-	3	-	-	1	-	2	-	-
9.505.02	The budget and plan regionalization (1976)	1	-	-	-	-	-	-	-	-	-
9.505.28	Seminar on the budget and plan regionalization (West Africa) (1976)	1	-	1	-	-	-	-	-	-	-
9.506	<u>Administration and Management of Urban Centres</u>										
9.506.01	Assistance to countries and territories (1976-1977)	-	-	3	-	-	2	-	2	-	-
9.506.02	The administration of urban centres (1976)	1	-	-	-	1	-	-	-	-	-
9.506.27	Regional meeting of Administrators of African townships (Central Africa) (1976)	2	-	-	-	3	-	-	-	-	-
TOTAL:		24	2	24	29	24	24	3	24	27	24

9.510 PUBLIC FINANCE AND FINANCIAL INSTITUTIONS

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.511 Budgetary management, taxation policies and measures

Origin:

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

Project aim:

To enhance the capacity of African countries to support expanded development programme for achieving accelerated growth of their economies through:

(i) the improvement of the budgetary systems and policies with a view to rendering the budget an efficient tool for policy and decision-making and in particular for development planning and plan implementation;

(ii) the reforming and strengthening of the taxation system, policies and administration to be adaptable to economic development and to contribute effectively to the mobilization of domestic financial resources.

Priority A

Work content:

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

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

(b) Studies:

9.511.02 The development of improved budgetary systems and management:

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

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

9.511.03 Reforming and strengthening of the tax systems and policies:

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

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

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

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

9.511.04 Evaluation of tax incentives for economic development:

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

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

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

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

- 9 511.26 Seminar on tax policy legislation and administration (1976 and 1978);
- 9.511.27 Seminar on budget-plan harmonization (1977-1979);
- 9.511.28 Local (national) training course on request in tax policy, legislation and administration (1976-1979);
- 9.511.29 Local (national) training course on request, on budget-plan harmonization (1976-1979).

Related programmes:

Close collaboration with United Nations Headquarters and other ECA Divisions.

9.512 The role of domestic financial resources in development

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

9.512.05 Ways and means in which national and multinational development banks, development corporations, public corporations and similar institutions may be efficient instruments for the promotion and direction of industrial development (1978-1979);

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

9.513 Monetary and financial aspects of African development

Origin:

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

Project aim:

Increasing financial aid to Africa and improving its conditions, strengthening financial and monetary co-operation among African countries and evaluating the results of foreign investment to adopt appropriate measures aimed at more advantageous utilization of foreign capital in Africa. International monetary issues in as far as they affect African trade and development.

Priority A

Work content:

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

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

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

- 9.513.13 Study of measures aimed at the improvement and the unification of African subregional capital markets and at the creation of a regional capital market (1978-1979).
- 9.513.14 Assessment of the benefits and costs of private foreign investment of interested Governments (1978-1979).
- 9.513.15 Comparative study on harmonization of investment legislation and incentives (1978-1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.513.26 African meetings on monetary issues and finance in connexion with the annual meetings of the IBRD and IMF;
- 9.513.27 Regular meetings of the Association of African Central Banks (1975-1977-1979);
- 9.513.28 Extraordinary meetings of the Association of African Central Banks;
- 9.513.29 Annual meetings of the subregional committees of the Association of African Central Banks (1976-1978);
- 9.513.30 Regular meetings of the Association of African Insurance Controllers.

Related programmes:

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

PUBLIC FINANCE AND FINANCIAL INSTITUTIONS

Code	1976 Man-months required					1977 Man-months required				
	P	C	RA	XB	GS	P	C	RA	XB	GS
9.511.01	-	-	3	-	-	-	-	3	-	-
9.511.02(i)	4	-	-	-	-	4	-	-	-	-
(ii)	4	-	-	-	-	4	-	-	-	-
9.511.03(i)	4	-	-	-	-	-	-	-	-	-
(ii)	4	-	-	-	-	-	-	-	-	-
(iii)	-	-	-	-	-	4	-	-	-	-
(iv)	3	-	1	-	-	3	-	1	-	-
9.511.04(ii)	-	-	-	-	-	4	6	-	-	-
9.511.26	3	-	2	-	-	-	-	-	-	-
9.511.27	-	-	-	-	-	3	-	2	-	-
9.511.28	-	-	3	-	-	-	-	3	-	-
9.511.29	-	-	3	-	-	-	-	3	-	-
9.512.01	1	-	-	-	-	1	-	-	-	-
9.512.02	3	-	-	-	-	3	-	-	-	-
9.512.03	-	-	-	-	-	2	-	-	-	-
9.512.04	2	-	-	-	-	-	-	-	-	-
9.512.06	1	-	-	-	-	1	-	-	-	-
9.513.01	10	-	-	-	-	10	-	-	-	-
9.513.02	2	-	-	-	-	2	-	-	-	-
9.513.03	2	-	-	-	-	2	-	-	-	-
9.513.04	-	-	-	29 <sup>1/</sup>	-	-	-	-	-	-
9.513.06	2	-	-	-	-	-	-	-	-	-
9.513.07	-	-	-	-	-	2	-	-	-	-
9.513.08	2	-	-	-	-	2	-	-	-	-
9.513.09	2	-	-	-	-	2	-	-	-	-
9.513.10	2	-	-	-	-	3	-	-	-	-
9.513.11	2	-	-	-	-	-	-	-	-	-
9.513.12	2	-	-	-	-	3	-	-	-	-
9.513.26-30	3	-	-	-	-	3	-	-	-	-
TOTAL:	58	-	12	29	-	58	-	12	-	-

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):
- 9.521.01 Create or strengthen technological planning units for economic development planning; and provide, on request, advisory services on science and technology development.
- (b) Studies:
- 9.521.02 Surveys of Government machinery for planning and administration in science and technology (1976-1979).
- (d) Conferences, meetings, seminars and expert working groups (1976-1979):
- 9.521.26 Seminar on the management of scientific research establishments (1976).

Related programmes:

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

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

Origin:

ECOSOC resolutions 980(XXXVI) and 1626(XLI); Commission resolutions 158(VIII) and 206(IX).

Project aim:

To provide the basic information for development planning in science and technology.

Priority A

Work content:

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

In the determination of needs and priorities for technological development.

(b) Studies:

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

(ii) Review of the agricultural and industrial technologies of the region to identify the needs for research programmes in different sectors of production (1976-1979);

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

Related programmes:

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

9.523      Development of principles and procedures for technological development planning

Origin:

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

Project aim:

To develop guidelines and procedures for technological development planning.

Priority A

Work content:

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

In the development of programmes for technology policy research.

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

9.523.27 Symposium on technological planning in Africa (1977).

Related programmes:

Co-operation with UNESCO, UNISO 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 Exchange schemes for technologists and scientists (1976-1979):

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

Related programmes:

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

9.525 Development of institutional infrastructure for technological research and development

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

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

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

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

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

Related programmes:

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

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

Origin:

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

Project aim:

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

Priority A

Work content:

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

The promotion of scientific and technical journalism in mass media; the development and implementation of science and technology popularization programmes; the development of programmes for keeping leaders and decision-makers informed on major issues of science and technology; and offering assistance to, and maintaining liaison with universities, institutes and mass media organizations involved in the promotion of scientific journalism and science popularization.

(b) Studies:

9.526.02      Project studies for the establishment of science and technology museums (1978-1979).

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

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

(ii) Country seminars on science and mass media (1976, 1978).

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

Related programmes:

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

9.527 Promotion of regional co-operation in science and technology

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

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

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

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

Related programmes:

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

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

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

9.530 SOCIAL DEVELOPMENT SECTION

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 238(XI), 244(XI) 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 development of technology appropriate to the needs of rural communities and their economic and social development.

Priority A

Work content:

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

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

(b) Studies:

9.531.02 Compile an inventory of existing technologies which might be of use in appropriate circumstances within the concept of low-cost, labour-intensive product (1976);

9.531.03 Identification of gaps in the range of existing technologies and the bottlenecks to production caused thereby (1976);

9.531.04 Research into and development of new or more appropriate processes by invention or modification (1976-1979);

9.531.05 Testing and demonstration of the results of investigations in the field of appropriate technology (1976-1979).

(c) Collection and dissemination of information:

9.531.20 "Appropriate Technology Newsletter" or special issues of "Rural Development Newsletter" (1976-1977).

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

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

Related programmes:

Collaboration with ECA Science and Technology Unit in implementation of projects and with NGO's concerned.

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:

To analyse social trends and major social development problems in Africa, with a view to: assessing their implications for policy and action with a view to assisting member States to strengthen national social policies, administration and institutions; and contributing 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 ECA's contribution to the United Nations Reports on the World Social Situation (1976-1979);

9.532.03 Study of village technology and the African economy (1976);

- 9.532.04 Intellectual migration in Africa: nature and extent of the brain drain (1976);
- 9.532.05 Study of organization and functioning of national service schemes (1976-1977);
- 9.532.06 Regional planning and rural development in Africa (1976-1977);
- 9.532.07 Africa Chapter of World Social Situation (1977).
- (c) Collection and dissemination of information:
- 9.532.20 "Social Welfare Services in Africa Series" (1976-1979).
- 9.533 Promotion and co-ordination of voluntary and United Nations assistance for rural development

Origin:

Commission resolutions 197(IX) and 218(X); recommendations of the 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 rural development programmes in Africa with the view to securing maximum co-ordination and 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; regional intergovernmental organizations, and operational assistance in integrated rural development projects.

(b) Studies:

- 9.533.02 Participation in the identification, formulation, implementation and evaluation of such voluntary projects, and supplementing the efforts of member States, voluntary agencies, UN specialized and operating agencies through pre-investment studies, field management of on-going projects, and project evaluation in rural development and problems of the human environment (1976-1979).

(c) Collection and dissemination of information:

- 9.533.20 Directory of international voluntary agencies activities (Third Edition, 1977);
- 9.533.21 "Rural Development Newsletter" - a quarterly bulletin of the Voluntary Agencies Bureau (1976-1979);
- 9.533.22 Development education programmes aimed at giving publicity to village-level development projects through radio broadcasts, press releases, ECA Target and other mass media at regional and national levels (1976-1979).
- 9.534 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) and recommendations of the regional conference on education, vocational training and work opportunities for girls and women in Africa (Rabat, May 1971).

Project aim:

To assist member States in the strengthening of their programmes for girls and women.

Priority A

Work content:

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

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

(b) Studies:

- 9.534.02 Country studies on pre-vocational and vocational training opportunities and institutions for girls and women (1976-1979);
- 9.534.03 Study of women's participation in co-operatives and loan associations (1977);
- 9.534.04 Self-employed women in marketing, industry and services, participation of the commercial women in the modern economy; factors which hinder or augment this participation (1976).

(c) Collection and dissemination of information:

- 9.534.20 Information on women's participation in civic and civil services (1977);
- 9.534.21 "African Women" - a quarterly newsletter on women in development (1976-1979);
- 9.534.22 Information on the legal status of women (1977).

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

- 9.534.26 Itinerant (national) training and workshops for trainers in home economics and other family-oriented fields, with the collaboration of FAO (1976-1979);
- 9.534.27 Training of women leaders and national planners on national machinery for the participation of women in national development (1976);
- 9.534.28 Training of trainers and programme planners engaged in marketing of products of small-scale industries (1977).

Related programmes:

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

9.535      Social Work, Research and Training

Origin:

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

Project aim:

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

Priority A

Work Content:

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

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

(b) Studies:

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

9.535.03      Financing health and nutrition programmes in Africa (1976).

(c) Collection and dissemination of information:

9.535.20      Information service on youth in national development (1976-1979).

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

9.535.26      Meetings of Inter-Agency Consultative Group for Social Development (1976-1979);

9.535.27      Symposium on national service programmes and development (1977).

Related programmes:

Collaboration with UNICEF, DANIDA, PAID and ASWEA.

9.536 Integrated Rural Development

Origin:

Commission terms of reference, resolution 197(IX).

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

9.536.02 Comparative study of African youth participation in rural development programmes (1976);

9.536.03 Social security programmes for rural populations (1976);

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

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

9.536.26 Symposium on rural health facilities and their promotion (1977);

9.536.27 Symposium on regional planning for development in Africa (1977);

9.536.28 Second symposium on rural development in Africa (1976).

Related programmes:

Collaboration with ECA/FAO Joint Agriculture Division, UN  
specialized agencies and UNICEF and WHO.

MAN-MONTHS REQUIREMENTS : 1976 AND 1977 \*

PCU 1-74

SOCIAL DEVELOPMENT

Code	Project Title	1976					1977				
		Man-months required					Man-months required				
		P	C	RA	XB	GS	P	C	RA	XB	GS
9.531.01	Assistance to countries	-	-	12	-	-	-	-	12	-	-
9.531.02	Inventory of technologies	2	-	-	-	-	-	-	-	-	-
9.531.03	Identification of gaps in existing technologies	1	-	-	-	-	-	-	-	-	-
9.531.04	Development of new and more appropriate technologies	4	-	-	-	-	-	-	-	-	-
9.531.05	Testing and demonstration of techniques	-	-	-	-	-	4	-	-	-	-
9.531.20	Appropriate Technology Newsletter	2	-	-	-	-	4	-	-	-	-
9.531.26	Workshop on the application of village technology	3	-	-	-	-	4	-	-	-	-
	Total					8					8
9.532.01	Assistance to countries	3	-	-	-	-	3	-	-	-	-
9.532.02	Review of social trends and major social situation	2	-	-	-	-	2	-	-	-	-
9.532.03	Study of village technology and the African economy	4	-	-	-	-	-	-	-	-	-
9.532.04	Intellectual migration in Africa	-	4	-	-	-	-	-	-	-	-
9.532.05	Study of organization and functioning of national service schemes	4	-	-	-	-	4	-	-	-	-
9.532.06	Regional planning and rural development in Africa	4	-	-	-	-	4	-	-	-	-

\* Does not include programme direction and management.

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.532.07	African social situation	-	-	-	-	-	2	4	-	-	-
9.532.20	Publications of Social Welfare Services in Africa Series	3	-	-	-	-	3	-	-	-	-
	Total					7					7
9.533.01	Assistance to countries	-	-	12	-	2	-	-	12	-	2
9.533.02	Identification, formulation, implementation and evaluation of voluntary projects	4	-	-	-	3	4	-	-	-	3
9.533.20	Directory of International Voluntary Agencies activities, 3rd ed.	1	-	-	-	6	2	-	-	-	6
9.533.21	Rural Development Newsletter	3	-	-	-	4	3	-	-	-	4
9.533.22	Development education programmes	4	-	-	-	2	4	-	-	-	2
9.534.01	Assistance to countries	3	-	-	4	2	3	-	-	4	2
9.534.02	Country studies on pre-vocational and vocational training	4	-	-	-	3	4	-	-	-	4
9.534.03	Study of women's participation in co-operatives, etc.	-	-	-	-	-	2	-	-	2	2
9.534.04	Self-employed women	2	-	-	2	2	-	-	-	-	-
9.534.20	Information on women's participation in civic and civil services	-	-	-	-	-	2	-	-	-	1
9.534.21	Publication of "African Women"	3	-	-	-	2	4	-	-	-	2
9.534.22	Information on legal status of women	-	-	-	-	-	2	-	-	-	6
9.534.26	Itinerant training and workshops	4	-	-	4	6	4	-	-	4	6

Code	Project Title	P	C	RA	XB	GS	P	C	RA	XB	GS
9.534.27	Training of women leaders for participation in development	4	-	-	-	2	-	-	-	-	-
9.534.28	Training of trainers and programme planners	-	-	-	-	-	4	-	-	3	2
9.535.01	Assistance to countries	3	-	-	-	2	3	-	-	-	2
9.535.02	Issues in social defence policy formulation and implementation	3	-	-	-	2	-	-	-	-	-
9.535.03	Financing health and nutrition programmes in Africa	3	-	-	-	2	-	-	-	-	-
9.535.20	Information service on youth in national develop.	2	-	-	-	4	2	-	-	-	4
9.535.26	Meetings of Inter-Agency Consultative Group for Social Development	3	-	-	-	2	3	-	-	-	2
9.535.27	Symposium on national service programmes	-	-	-	-	-	4	-	-	-	6
9.536.01	Assistance to countries	3	-	-	-	2	3	-	-	-	2
9.536.02	Comparative study of African youth participation in rural development	3	-	-	-	2	-	-	-	-	-
9.536.03	Social security programme for rural populations	4	-	-	-	2	-	-	-	-	-
9.536.04	Country case studies in rural development	-	-	-	-	-	6	-	-	-	3
9.536.26	Symposium on rural health facilities	-	-	-	-	-	6	-	-	-	4
9.536.27	Symposium on regional planning for development	-	-	-	-	-	6	-	-	-	4
9.536.28	Second symposium on rural development in Africa	6	-	-	-	4	-	-	-	-	-
TOTAL:		94	4	24	10	71	97	4	28	13	84

## 9.540 STATISTICS

### A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

#### 9.541 Development of national and multinational statistical and economic information services

##### Origin:

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

##### Project aim:

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

##### Priority A:

##### Work content:

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

(i) Advisory services in demographic statistics, economic statistics, national accounts, sample surveys, statistical organization, data processing, national economic surveys and the development of economic information services;

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

#### (b) Studies:

Methodological studies and manuals:

#### 9.541.04 Methods and practices of record keeping (1977).

Demographic and social statistics:

#### 9.541.05 Study on migration statistics (1976);

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

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

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

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

National Accounts:

- 9.541.29 Workshop on the revised United Nations System of National Accounts (1976);
- 9.541.30 Training course in national accounts for English-speaking African professional national accounting personnel (1976);
- 9.541.31 Training course in national accounts for French-speaking African professional national accounting personnel (1977);
- 9.541.32 Workshop on fixed capital formation and construction statistics (1977);
- 9.541.33 Workshop on national accounting at constant prices (1978);
- 9.541.34 Workshop on the treatment of the services sector in national accounts (1979);

General economic statistics:

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

Demographic and social statistics:

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

Economic information:

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

Related programmes:

All components of this project will be implemented in co-operation with ECA member States. The work will be carried out in collaboration with the United Nations Statistical Office, OTC, UNESCO, FAO and other specialized agencies. Activities will be co-ordinated with those of other ECA secretariat units where appropriate, and non-African Governments with relevant experience will be invited to participate.

9.542 Development of a regional statistical and economic information service

Origin:

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

Project aim:

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

Priority A

Work content:

(b) Studies:

Statistical studies:

National accounts:

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

9.542.03      Purchasing power parities of African currencies (1969-1976);

9.542.04      Balance of payments of African countries (1976-1979);

9.542.05      Patterns of private consumption expenditure (1976);

9.542.07      Price movements during the period 1960 to 1970 in relation to similar movements in other regions (1976);

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

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

Related programmes:

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

MAN-MONTHS REQUIREMENTS : 1976 AND 1977

TABLE PCU 1-74

STATISTICS

Code	Project Title	1976			1977		
		Man-months required			Man-months required		
		EP	RA	GS	EP	RA	GS
9.541.01	Assistance to countries and territories						
	(a) Advisory service	3	6	6	3	6	6
	(b) Support to exist.train. centres	-	-	-	-	-	-
9.541.04	Methods and practices of record keeping (1977)	-	-	-	2	1	1
9.541.05	Study on migration statistics (1976)	3	-	2	-	-	-
9.541.06	Study on the enumeration of nomadic populations (1976)	4	-	2	-	-	-
9.541.07	Study on the methods and problems of African population censuses and surveys, (1964-1974) (1976)	5	-	2	-	-	-
9.541.26	The 10th session of the Conference of African Statisticians (1977)	1	-	-	6	$\frac{1}{2}$	6
9.541.29	Workshop on the revised UN System of National Accounts (1976)	4	2	2	-	-	-
9.541.30	Training course in national accounts for English-speaking African professional national accounting personnel (3 weeks) (1976)	4	4	2	-	-	-
9.541.31	Training course in national accounts for French-speaking African professional national accounting personnel (3 weeks) (1977)	-	-	-	2	$2\frac{1}{2}$	2
9.541.32	Workshop on fixed capital formation and construction statistics (1977)	1	-	-	6	2	4
9.541.33	Workshop on national accounting at constant prices (1978)	-	-	-	2	1	-
9.541.34	Workshop on the treatment of the services sector in national accounts (1979)	-	-	-	-	-	-
9.541.35	Working group on transport statistics (1976)	7	-	5	-	-	-

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

Code	Project Title	EP	RA	GS	EP	RA	GS
9.542.13	Analysis of trends in private and public consumption expenditure 1960-1975 (1978-1980)	-	-	-	3½	-	-
9.542.14	Processing and analysis, mainly for other ECA divisions (annual)	13	1	61	14	1	44
9.542.17	African industrial censuses undertaken in connexion with 1973 World Programme of Industrial Statistics (1976)	7	-	13	-	-	-
9.542.18	Construction statistics (1976)	4	-	4	-	-	-
9.542.20	Import and export prices and terms of trade (1977)	3	-	13	4	-	12
9.542.22	Evaluation of selected social indicators (1977)	-	-	-	3	-	2
9.542.23	Development of an African data bank of economic, demographic and social statistics	-	-	-	35	-	60
9.542.24	Compilation and analysis of data collected from multi-purpose household surveys in Africa (1977)	6	-	-	11	-	14
9.542.25	Compilation and analysis of data on the distribution of consumption and income for selected African countries (1977)	-	-	-	5	-	6
9.542.26	Regional study on international comparison of prices of producers' goods (1977)	-	-	-	3	-	-
9.542.27	Study on producers' prices of principal primary commodities for African countries (1978-1980)	-	-	-	4	-	-
9.542.28	Study and analysis of input-output tables, compiled for selected African countries (1978-1982)	-	-	-	-	-	-
9.542.30	Statistical Newsletter	1	-	3	1	-	4
9.542.31	Statistical and Economic Information Bulletin	3	1	30	5	1	30

Code	Project Title	EP	RA	GS	EP	RA	GS
9.542.32	Foreign Trade Statistics for Africa, Series A	5	-	30	5	-	27
9.542.33	Foreign Trade Statistics for Africa, Series B	5	1	54	5	1	54
9.542.34	African Economic Indicators	2	-	2	2	1	2
9.542.35	African Statistical Yearbook	13	-	54	11	-	48
9.542.36	Economic Data Summaries for individual African countries	12	4	12	14	5	12
9.542.37	Bibliography of African Statistical Publications	-	-	-	-	-	-
9.542.38	African Directory of Statisticians	-	-	-	-	-	1
	Country visits for data collection	1 $\frac{1}{2}$	2	-	1 $\frac{1}{2}$	2	-
	Administration	5	-	12	5	-	12
TOTAL:		180	24	408	180	24	408

9.550 TRANSPORT AND COMMUNICATIONS

A. TRANSPORT

D. DEVELOPMENT OF ESSENTIAL SERVICES

9.551 Planning and development of African transport

Origin:

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

Project aim:

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

Priority A

Work content:

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

- Advising on: general transport problems; ratification of or accession to the proposed United Nations International Convention for Safe Multimodal Transport Containers and the United Nations Customs Convention on Containers; economic, legal and organizational implications of a proposed system of international intermodal transport operations (IIT); establishment of subregional inter-governmental machinery for Transport and Communications; the Union of African Railways; the Port Management Association; establishment of multinational shipping lines; and establishment of national and multinational Shippers' Councils.

(b) Studies:

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

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

9.551.26 Regional conference on the establishment of institutional facilities (1976-1979);

9.551.27 Seminar on road statistics (1978);

- 9.551.28 Seminar on the role of rural roads, their design, construction and maintenance (1976-1979);
- 9.551.29 Seminar on road maintenance, organization and facilities (1978-1979).
- 9.551.03 Inland water transport development: studies on the utilization of inland water transport and the improvement of water ways including review of the status of intergovernmental machinery, international agreements, river shipping operations, administrative arrangements and manpower: West and Central Africa (1976), East and North Africa (1977).
- 9.551.04 Ports and harbours development: Seminar on port management and operations (USSR) (1976-1977).
- 9.551.05 Coastal shipping development: studies of the demand for coastal shipping with a view to establishing multinational coastal shipping lines in the West and Central African shipping range (1976-1979).
- 9.551.06 Study of maritime and coastal shipping statistics (1976).
- 9.551.07 Air transport development: studies of air-freight potentials (1976-1977).
- 9.551.08 Study of the utilization and sharing of aviation common services in respect of air-worthiness of aircraft; licensing of personnel; maintenance of flight standards; and organization of safety services (1976-1979).

Related programmes:

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

- 9.552 Communications: development of telecommunications

Origin:

Commission resolution 162(VIII).

Project aim:

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

Priority A

Work content:

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

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

(b) Studies:

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

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

(b) Establishment of manufacturing in industries for telecommunication service equipment and components (1977).

9.552.03 Second phase of the study of the impact on the region of satellite communication services and the economics of their installation and use. This would be an in-depth study including the possibilities of a Regional Communication Satellite Service (1976-1979);

9.552.04 Studies of broadcasting techniques for promoting the extension of national, subregional and regional coverage, and improvement of mass communication: the economics of VHF-FM Sound Broadcasting and Cable-TV (1976-1977);

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

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

9.552.26 Meeting on the establishment of the Pan-African Telecommunication Union (1976-1977);

9.552.27 Meeting on the establishment of regional satellite communication service or training institute (s) (1978);

9.552.28 Meeting on the establishment of telecommunication industries (1979).

Related programmes:

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

9.553      Improvement of postal services

Origin:

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

Project aim:

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

Priority A

Work content:

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

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

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

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

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

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

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

Related programmes:

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

TRANSPORT AND COMMUNICATIONS

MAN-MONTHS REQUIREMENTS : 1976 and 1977

TABLE PCU 1-74

Transport

Code	1976				1977			
	Man-months required				Man-months required			
	P	C	RA	XB	P	C	RA	XB
9.551.01	17	3	9 $\frac{1}{2}$	20	21	-	9	19
9.551.02	4	-	-	18	4	-	-	6
9.551.03	5	-	1	8	3	-	1 $\frac{1}{2}$	9
9.551.04	3	-	-	-	3	-	-	-
9.551.05	4	-	-	10	2	-	-	9
9.551.06	2	-	-	-	3	-	-	3
9.551.07	8	-	-	10 $\frac{1}{2}$	8	-	-	-
9.551.26	3	-	-	2	2	-	-	4
9.551.27	4	-	-	3	5	-	-	-
9.551.28	3	-	-	2	2	-	-	2
9.551.29	-	-	-	-	-	-	-	-

Communications

9.552.01	12	-	-	10 $\frac{1}{2}$	10	-	-	21
9.552.02	2	-	-	6	2	-	-	-
9.552.03	3	-	-	10 $\frac{1}{2}$	4	-	-	10 $\frac{1}{2}$
9.552.04	3	-	-	10 $\frac{1}{2}$	4	-	-	-
9.552.26	1	-	-	-	1	-	-	-
9.552.27	-	-	-	-	-	-	-	-
9.552.28	-	-	-	-	-	-	-	-
9.553.01 and 11.553.02	-	-	-	10 $\frac{1}{2}$	-	-	-	10 $\frac{1}{2}$
9.553.26, 11.553.27 and 11.553.28	-	-	-	10 $\frac{1}{2}$	-	-	-	10 $\frac{1}{2}$
leave	12	-	1 $\frac{1}{2}$	16 $\frac{1}{2}$	12	-	1 $\frac{1}{2}$	12
management	10	-	-	-	11	-	-	-
TOTAL:	96	3	12	138	96	-	12	114

9.554 INTERNATIONAL ROADS AND ROAD TRANSPORT

Origin:

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

Project aim:

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

Priority A

Work content:

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

(i) Development of international roads and road transport;

(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;

(iii) Development of road research facilities and 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

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

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

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

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

Trans-West African Highway Network

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

Trans-East African Highway

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

Related programmes:

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