



UNITED NATIONS
ECONOMIC AND SOCIAL COUNCIL

ECONOMIC COMMISSION FOR AFRICA

PROGRAMME OF WORK AND PRIORITIES FOR 1976-1977

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ABBREVIATIONS

AAASL	Association for the Advancement of Agricultural Sciences in Africa
ADB	African Development Bank
AID	Agency for International Development (United States)
AS/IEA	Association of Social Work Education in Africa
ATRCW	Africa Training and Research Centre for Women
BIS	Bank of International Settlements
CAFRAD	The African Training and Research Centre in Administration and Development
CIEA	Centre international d'études agricoles
CIEH	The Inter-African Committee for Hydraulic Studies
CILSS	The Permanent Inter-State Committee on Drought Control in the Sahel
CDPPP	Centre for Development Planning, Projections and Policies
COMECON	Council for Mutual Economic Aid
CPCH	The Permanent Consultative Committee of the Maghreb
DANIDA	Danish International Development Agency
ECA	Economic Commission for Africa
ECE	Economic Commission for Europe
ECOSOC	Economic and Social Council
EEC	European Economic Community
ESCAP	Economic and Social Commission for Asia and the Pacific
FAC	Fonds d'assistance et de coopération
FAO	Food and Agriculture Organization of the United Nations
FES	Friedrich Ebert Stiftung
GATT	General Agreement on Tariff 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
IMF	International Monetary Fund
IILP	Institut international d'administration publique (Paris)
IISA	Institut international des sciences administratives (Bruxelles)
IIT	International Intermodal Transport

ILO	International Labour Office (Secretariat)
ILO	International Labour Organisation
IMCO	Intergovernmental Maritime Consultative Organization
ITC	International Trade Centre
ITU	International Telecommunication Union
IUOTO	International Union of Official Travel Organizations
OAU	Organization of African Unity
OCAH	The African and Mauritian Common Organization
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
RCD	Regional Co-operation for Development
SELA	Sistema Económico Latino Americano
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	The Central African Customs and Economic Union
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
UPU	Universal Postal Union
URTTA	The African National Television and Broadcasting Union
WFP	World Food Programme
WHO	World Health Organization
WMO	World Meteorological Organization
VAB	Voluntary Agencies' Bureau

PROGRAMME OF WORK AND PRIORITIES
1976-1977

Introduction

Following the adoption of the ECA Medium-term Plan for 1976-1979 (document E/CN.14/642/Add.1) by the third meeting of the Conference of Ministers at its twelfth session held at Nairobi from 24-28 February 1975 it became necessary for the secretariat to spell out the broad strategy implications of the New International Economic Order and to define these in concrete terms in the form of a medium-term plan for 1976-1981 (document E/CN.14/TECO/31/Rev.2). This two-year programme for 1976 and 1977 (document E/CN.14/TECO/34) therefore forms a bridge between the two medium-term plans referred to above, i.e., documents E/CN.14/642/Add.1 and E/CN.14/TECO/31/Rev.2.

N.B. All new programmes introduced in this document are marked thus (*).

9.210 AGRICULTURE

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.211 Agricultural Development Policy, Planning and Programming

Origin: Commission terms of reference; Commission resolutions 220(X), 244(XI) and 246(XI); recommendations of the Seventh and Eighth FAO Regional Conference for Africa.

Project aim: To assist the governments of member countries in re-orienting and improving their agricultural development policies and plans with a view to making them more effective for accelerated development of the agricultural sector based on a strategy of self-reliance and rural transformation, incorporating the use of appropriate technology, more equitable distribution of income and poverty-orientation.

Work content:

- 9.211.01* (a) Assistance to countries and territories (1976-1977):
- (i) Organizing and improving data collection and processing in the agricultural sector;
 - (ii) Short- and long-term agricultural development planning;
 - (iii) Provision of information on experiences and advice on improvement of policies and formulation and implementation of programmes for agricultural development;
 - (iv) Formulation of schemes for **intercountry** and multinational co-operation for accelerated development of the agricultural sector;
 - (v) Formulation and implementation of policies and co-operation arrangements for fishery development and for ensuring that the exploitation, conservation and expansion of forest resources are geared to longer-term development objectives (in co-operation with FAO);
 - (vi) Backstopping of **intercountry** and multinational projects;
 - (vii) Establishment of agricultural producers' associations for specific commodities (in co-operation with Trade Division);
 - (viii) Prospective study of agricultural developments in the Sahel in collaboration with UNSO.
 - (ix) Integration of the objectives of agricultural education and training at all levels in a consistent manner with agricultural development planning and programming.

(b) Studies:

9.211.02*

Analysis of national reports and development plans and preparation of periodic reports to highlight the constraints to agricultural development and propose measures for improving agricultural development policies and plan implementation (1976-1977);

9.211.03*

Analysis of forest legislations and reforestation policies and of machinery for forest exploitation and conservation with a view to promoting ecological balance and ensuring optimal contribution of forest resources to medium- and long-term socio-economic development of the countries concerned (in co-operation with FAO (1977));

9.211.04

Contribution to the ECA "Survey of Economic and Social Conditions in Africa" (1976-1977);

9.211.06

Contribution to the FAO State of Food and Agriculture (SOFA) (1976-1977);

9.211.07*

Preparation of Country Perspective Study for requesting African countries (1976-1977);

9.211.08*

Evaluation of the impact of existing and proposed international commodity agreements on production, prices and trade in the commodities concerned (1977);

9.211.09

Studies on specific commodities with regard to their role in international agricultural adjustment (in co-operation with FAO) (1976-1977);

(c) Collection and dissemination of information:

9.211.20

Publication, bi-annually, of the "Agricultural Economics Bulletin for Africa".

Related programmes:

Collaboration with FAO Headquarters and FAO Regional Office for Africa, UNSO and also with ECA Socio-economic Research and Planning, Statistics and Trade Divisions.

9.212

Supply of Agricultural Inputs

Origin:

Commission resolution 152(VIII); World Food Conference resolution III and resolutions VII, X and XII.

Project aim:

(i) To increase and promote the co-ordination of the supply of agricultural inputs (fertilizers, improved seed, pesticides, agricultural machinery and tools) in Africa and facilitate their distribution to the farmers;

(ii) To promote the provision and efficient utilization of water for crop and livestock production in arid and semi-arid regions.

Work content:

- 9.212.01 (a) Assistance to countries and territories (1976-1977):
- *(i) In the implementation of the International Fertilizer Supply Scheme (in co-operation with FAO);
 - (ii) Formulation of policies and programmes, on national and on group-country basis, for the production, certification and multiplication of improved seeds (in co-operation with FAO);
 - (iii) In co-ordination of research on and design of agricultural machinery and equipment (in co-operation with Science and Technology Section);
 - (iv) Establishment of **intercountry** and regional co-operation arrangements for the production and supply of fertilizers, pesticides and agricultural machinery (in co-operation with Industry Division);
 - *(v) Formulation of policies and plans for the exploitation of water resources for crop and livestock production (in co-operation with Natural Resources Division);
 - *(vi) Promotion of improved methods of water management in irrigation schemes (in co-operation with FAO);
 - (vii) Seed production programme in the Sahel in collaboration with UNSO, UNDAT and SIDP.

(b) Studies:

- 9.212.02* Participation in feasibility studies for the establishment of fertilizer, pesticide and agricultural machinery factories (in co-operation with Industry Division) (1976-1977);

- 9.212.03 Analytical studies to determine the needs and the conditions for effective and economic utilization of various types of machinery and equipment in crop production (1977);

(c) Collection and dissemination of information:

- 9.212.21 Periodic reports indicating the progress made by member Governments in implementing inputs supply projects and suggesting promising opportunities for further facilitating the supply of inputs.

Related programmes: Collaboration with FAO Headquarters and FAO Regional Office for Africa and with ECA Industry and Natural Resources Divisions.

Promotion of Integrated Rural Development and Improvement of
Agricultural Institutions and Services

Origin:

Commission resolutions 197(IX) and 152(VIII); World Food Conference resolutions II and III; Resolution No.4 of the Eleventh Meeting of the ECA Executive Committee.

Project aim:

To improve the capability of the peasants to increase their agricultural production and income by promoting integrated institutional (zonal) approach to agricultural development and by generally improving rural institutions and services.

The concept of "integration" in the recent phrase "integrated rural development" so widely used in the parlour of the UN system, refers both horizontal and vertical integration of a complicated set of factors, such as: (i) institutional integration, (ii) local and regional planning integrated in national planning, (iii) multi-disciplinary approach involving agriculture, education, health, marketing and processing, etc., and lastly (iv) multi-clients approach involving farmers, landless workers, women, youth, etc.

Work content:

9.213.01

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

(i) Strengthening and improvement of rural institutions and supporting services, including marketing, credit and input supply institutions and extension services;

(ii) Increasing the effectiveness of national and international agricultural research institutions and promotion of co-operation among countries in the designing and implementation of research programmes;

(iii) Establishment and expansion of programmes for zonal or integrated agricultural institutional development;

*(iv) Setting up of regional agricultural credit associations in accordance with national priorities of the countries concerned (in co-operation with FAO);

*(v) Establishment of a Regional Centre for Current Agricultural Research Information System in Africa (CARES);

(vi) Backstopping of intercountry and multinational projects;

(vii) Participation in the activities of the FAO Special Committee on Agrarian Reform related to the development of settlement and resettlement schemes and improvement and administration of rural institutions and services;

(viii) Establishment of regional or sub-regional small-farm development centres.

(b) Studies:

9.213.02

Analytical studies on the conception, planning and implementation of various types of integrated agricultural institutional development programmes with a view to providing guidelines for effective implementation and expansion of such programmes (1976-1977);

9.213.03*

Integration of livestock production into the farming systems and the sociological effects of such changes on the community (in co-operation with the Social Development Division) (1976-1977);

9.213.05

Organization and programmes of national/international agricultural research institutions and their relationship to extension and training institutions aimed at making more effective the application of research results (1977);

(c) Collection and dissemination of information:

9.213.20

Contribution to the "Rural Development Newsletter".

Related programmes: Collaboration with FAO Headquarters and FAO Regional Office for Africa and with ECA Social Development Division.

9.214

Expansion of Food Production

Origin:

World Food Conference resolution I; resolution No. I of the Tenth Meeting and resolution No. 4 of the Eleventh Meeting of the ECA Executive Committee; Commission resolutions 256(VII) and 264(XII).

Project aim:

To highlight the problem of food production in Africa and the potentials for expanding production both for internal consumption and for export, and to promote concerted action at inter-country, sub-regional and regional levels for increasing food production and improving food availability. In all efforts to increase food production care is to be taken to avoid such environmental consequences as erosion, salination and other degradation of soil and pollution of water courses through excessive use of chemical fertilizers and pesticides.

Work content:

9.214.01

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

(i) Preparation of national and group-country programmes and projects on food production, including livestock production;

*(ii) Expansion and improvement of food technology research with a view to developing new end-uses for locally produced food products, meeting the nutritional requirements and tastes of the mass of population and promoting the substitution of local for foreign food products;

(iii) Implementation of programmes to combat drought, in co-operation with FAO and other international and multinational aid agencies;

*(iv) Implementation of the proposals for Global Information and Early Warning System on Food and Agriculture (in co-operation with FAO);

*(v) Implementation of proposals on nutrition surveillance (in co-operation with FAO, UNICEF and WHO);

*(vi) Settlement of the nomads;

(vii) Servicing the African Inter-Ministerial Committee on Food.

(b) Studies:

- 9.214.02 Analysis of the constraints to, and potentials for, the expansion of food production, including the production of livestock and livestock products, with a view to recommending action to be taken at the national and regional levels to increase production (1976-1977);
- 9.214.03 Analysis of supply and demand of the main food products on regional and sub-regional levels with a view to formulating appropriate price policies (1976-1977);
- 9.214.04 Formulation of projects and programmes for livestock and dairy development and feasibility studies of production projects, including milk production projects (in co-operation with FAO) (1976-1977);
- 9.214.05 Studies on the eradication of tse-tse fly, stomoxys, fruit flies and trypanosomiasis (in co-operation with FAO) (1976-1977).
- (d) Conferences, meetings, seminars and expert working groups (1976-1977):
- 9.214.26 Inter-governmental meetings to discuss regional programmes for the expansion of food production.

Related programmes: Collaboration with FAO Headquarters and FAO Regional Office for Africa UNICEF and WHO in nutrition surveillance, with OAU and with ECA Statistics Division.

9.215 Improvement of Food Availability and Agricultural Marketing Institutions, Services and Facilities

Origin: Recommendations of the Seventh and the Eighth FAO Regional Conferences for Africa; resolution No.1 of the Tenth Meeting and resolution No.4 of the Eleventh Meeting of the ECA Executive Committee; World Food Conference resolutions Nos. I, XVII and XIX.

Project aim: To assist member countries in improving the agricultural marketing services, minimizing post-harvest waste, generally improving food storage and preservation and expanding the market, particularly intra-African market, for food and agricultural products.

Work content:

- 9.215.01 (a) Assistance to countries and territories (1976-1977):
- (i) Formulation of price and food marketing policies;
 - (ii) Formulation and implementation of programmes for the improvement of marketing services and storage facilities;
 - (iii) Establishment of regional, sub-regional and inter-country food reserves geared, wherever necessary, to price stabilization schemes;

*(iv) Establishment and improvement of market and marketing research with particular reference to national and intra-African market research on food products;

(v) Promotion of co-operatives and other farmers' organizations for food and other agricultural produce marketing;

*(vi) Establishment and improvement of market information service;

*(vii) Establishment of machinery for the promotion of internal trade (in co-operation with Trade Division).

(b) Studies:

9.215.02* Analysis of price differences between countries as a basis for the promotion of inter-country trade (1976-1977);

9.215.03 Feasibility studies for the establishment of group-country food reserves and marketing arrangements (1976-1977);

9.215.04* Feasibility studies for the establishment and expansion of food processing facilities, including livestock and milk processing facilities (in co-operation with Industry Division) (1976-1977);

9.215.05* The economics of the provision of storage facilities at farm, urban and national levels, including the facilities for assembly and distribution (1977) - in collaboration with UNSO to study the establishment of warehousing facilities for emergency and general storage in the Sahel.

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

9.215.26 *(i) Sub-regional consultations on increasing food availability through waste reduction and marketing improvement, using reports on studies under 9.215.05 (1977);

(ii) Inter-governmental meetings to discuss programmes for group-country food reserves and marketing arrangements, using reports on studies under 9.215.02 and 9.215.03.

Related programmes: Collaboration with FAO Headquarters and FAO Regional Office for Africa and with ECA Industry and Trade Divisions.

9.240 DEVELOPMENT PLANNING, PROJECTIONS AND POLICIES

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.241 Development trends, requirements and possibilities

Origin: Commission terms of reference (ECOSOC Resolution 671 A (XXV) of 29 April 1958) section 1(b); second session report paragraph 85; General Assembly Resolution 2626 (XXV) on the International Development Strategy; Commission Resolutions 218(X) and 238(XI) on Africa's Strategy for Development in the 1970s; Commission Resolution 187(IX).

Project aim: To undertake an annual survey of economic and social conditions in individual African countries as well as produce a regional picture of such economic and social conditions with a view to taking stock of socio-economic progress and to identifying how effective internal and external policy measures have been in producing the conditions described.

To undertake a biennial review and appraisal of progress in implementing the goals and objectives of the International Development Strategy and Africa's Strategy for Development. In this connexion, the new goals and objectives of development which have been stressed since the launching of the Development Decade particularly in the Programme of Action on the Establishment of a New International Economic Order and other relevant documents will constitute further objects of review and appraisal.

To provide advisory services to member countries of ECA, on request, in the field of annual survey of socio-economic conditions, and biennial review and appraisal of progress in implementing the goals and objectives of the strategies including national ones for the Second Development Decade. Such services will include the actual preparation of surveys and review and appraisal where necessary and the evaluation of existing machinery and suggestions for their improvements including the type of organization needed, the type of professional training and the required statistical and economic information.

Priority A

Work content:

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

(i) Visits on request to countries in the region to assist in the preparation of annual surveys and/or review and appraisal reports;

(ii) On-the-job training at the national level;

(iii) Advice on the requirements for surveys and reviews and appraisals including the setting-up of relevant machinery.

(b) Studies:

- 9.241.02 Annual Survey of current economic and social development and policies in the member countries of the Commission and in the region (published as Part II of the Annual Survey of Economic and Social Conditions in Africa) (1976 to 1977);
- 9.241.03 Biennial review and appraisal of progress in implementing the goals and objectives of the United Nations Second Development Decade (published as Part I of the Annual Survey of Economic and Social Conditions in Africa in the year of review and appraisal) (1976);
- 9.241.04 General review of world economic and social situation and of African regional situation within this context (published as part of Part I of the Survey in alternate years) (1977);
- 9.241.05 Education and employment in the ECA region, as part of Part I of the Annual Survey of Economic and Social Conditions in Africa (1977).

(c) Collection and dissemination of information:

- 9.241.20 Annual Survey of Economic and Social Conditions in Africa;
- 9.241.21 Economic Bulletin for Africa (Bi-annual).

Related programmes: This programme component is to be executed in collaboration with the other Divisions of ECA.

9.242 Socio-economic research, planning and projections

Origin: Commission terms of reference; first session report paragraph 61; Commission Resolution 105(VI) creating the Conference of African Planners; ECOSOC Resolutions 979(XXVI) and 777(XXX); Commission Resolutions 187(IX), 257(XII) and 260(XII); General Assembly Resolution 3508(XXX).

Project aim: To undertake socio-economic research on specific development problems of Africa on a comparative basis with a view to making the experience of some countries in tackling their socio-economic problems available to others.

To undertake projections work on the economics of Africa with a view to providing guidance on the long-term development possibilities of these countries.

To develop appropriate techniques particularly in the context of unified approach to development analysis and planning for use of African countries.

To provide advisory services, on request, to member countries of the Commission in the fields of planning, projections and research into socio-economic problems. Such services will include (i) the evaluation of development plans for consistency with respect to the

requirements of the unified approach including the evaluation of the data base and the realism of the assumptions underlying such plans; (ii) the drawing up of national development plans; and (iii) the setting-up of planning machinery including plan implementation machinery.

Priority A

Work content:

9.242.01 (a) Assistance to countries and territories (1976 to 1977):

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

(ii) Assisting governments in organizing at the national, subregional and regional levels, courses on planning, programming and projections.

(b) Studies:

Some Aspects of a Unified Approach to Development Analysis and Planning

9.242.02 Examination of the extent and possibilities of the practical application of a Unified Approach to Development Analysis and Planning under African Conditions (1976);

9.242.03 Review and evaluation of extensive labour-intensive public works programmes as a means of generating employment and income (1976);

9.242.04 Review and evaluation of the role of integrated rural development programmes in promoting development and change (1976); see 9.291.28;

9.242.05 Preliminary qualitative examination of long-term trends in the economic development of ECA region (1976).

Evaluation and Development of African Entrepreneurial Resources

9.242.07* Study and evaluation of the experiences of selected African countries in the implementation of indigenization policies (1977);

9.242.08* Case studies of the role of public enterprises and companies in the transformation of African economies (1977);

9.242.09* Studies on the role of small- and medium-scale indigenous businesses in the process of socio-economic transformations and development in Africa (1977).

Projections

9.242.15

Studies of the development possibilities of a number of African countries as basis for determining feasible growth rates for the region both for the rest of the 1970s and for the 1980s. The work here will include, among other things, the evaluation of policies, the appraisal of the quality of existing statistics and the identification of statistical and other information gaps (in collaboration with other appropriate Divisions) (1976-1977).

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

9.242.26

Conference of African Planners (1976):

1976 meeting will discuss 9.242.02, 9.242.03 and 9.242.04.

Related programmes: In strict collaboration with the appropriate Divisions of ECA IDEP, CDPPE and OAU.

9.244

Least developed land-locked and African countries

Origin:

General Assembly Resolutions 2564(XXIV), 2626(XXV) on the International Development Strategy, 2803(XXVI) and 3202(S-VI) on the Programme of Action for the Establishment of the New International Economic Order; UNCTAD Resolutions 24(II), 62(III) and 63(III); Commission report of the tenth session; Commission Resolutions 210(IX), 222(X), 232(X) and 218(X) and 238(XI) on Africa's Strategy for Development in the 1970s.

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:

9.244.01

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

(i) Conducting missions on request from the Governments in collaboration with the UNDATs to identify the special problems of the least developed African countries;

(ii) Providing advisory services to the Governments on request in formulating proposals and recommendations on measures for overcoming specific impediments to their socio-economic development.

(b) Studies:

9.244.02

Biennial survey of the development problems of the least developed African countries as part of the Annual Survey of Economic and Social Conditions in Africa (1976 to 1977);

9.244.03

Continuous in-depth study of the economic and social circumstances of the least developed African countries.

RELATED PROGRAMMES IN OTHER SECTORS FOR LEAST DEVELOPED AND LAND-LOCKED COUNTRIES

Economic Co-operation

(i) Sub-project 9.248.01(iii): Identification, design and development of multinational measures and projects at subregional levels in favour of least developed countries, especially in the development of common resources, production trade arrangements, complementarity in food production, local processing of raw materials and long-term purchase agreements (in collaboration with appropriate divisions).

Education and Training

(ii) Sub-project 9.264.01(iv): Assistance in organizing in-service training programmes at ECA Headquarters for African economists, statisticians and related professions with priority for the least developed countries;

(iii) Sub-project 9.264.01(v): Assistance to countries in coordinating operational research programmes of students and research fellows for attachment training with priority for the least developed countries.

Transport and Communications

(iv) Sub-project 9.551.01(v): Assistance in the development of multinational airfreight services including the special considerations of land-locked, least developed and island countries (in collaboration with African Civil Aviation Commission);

(v) Sub-project 9.551.31: Expert working groups on specific physical transit and facilitation problems between land-locked countries and their associated maritime states including consideration of improvements in transport and storage and associated services relating to lower transport costs for land-locked countries (1976-1977);

International Trade

(vi) Sub-project 9.342.05: Studies on problems of transit trade, with special reference to land-locked countries (in co-operation with the Socio-economic Research and Planning Division) (1976-1977).

Related programmes: The work on the least developed and land-locked countries cuts across the activities of the other divisions. Hence, what is shown here is only a minor part of the measures to be taken in favour of these countries. Therefore, the programme component will be executed in collaboration with the other divisions of ECA, including UNCTAD and OAU.

9.245 Fiscal, monetary and financial issues at the national level

Origin: Commission Resolutions 87(V), 98(VI), 117(VI), 197(IX) and 218(X);
General Assembly Resolution 3202(S-VI).

Project aim: To assist member States in adopting and implementing fiscal and monetary policies aimed at attacking mass poverty and influencing the mobilization and channelling of savings in accordance with development plans and priorities. The aim is also to assist member countries in building appropriate monetary and financial institutions.

Priority A

Work content:

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

(i) Providing advisory services to member States on request in the field of fiscal and monetary policies;

(ii) Providing advisory services to member States on request in the establishment of or reshaping of domestic financial institutions.

(b) Studies:

9.245.02 Comparative analysis of the effectiveness of fiscal and monetary policies in promoting development in a number of African countries with special reference to integrated rural development (1977);

9.245.03 The growth and structure of financial institutions in a number of African countries (1977).

Related programmes: Close collaboration with IBRD, IMF, ADB, CAU and appropriate ECA Divisions.

PROMOTION OF ECONOMIC CO-OPERATION AND INTEGRATION

9.246 Policies and planning for promotion of economic co-operation

Origin: General Assembly resolutions 3362(S-VII) and 3517(XXX); Commission terms of reference; Commission resolutions 19(II), 211(IX), 221(X) and 246(XI).

Project aim: To appraise governments and intergovernmental organizations of types, options and policies that may be adopted in the promotion and establishment of economic co-operation schemes in general and in various economic sectors; in the evolution and adoption of a common development and investment policy for development and measures for distribution of benefits in economic groupings.

Priority A

Work content:

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

(i) In stimulation of new types and areas of co-operation and to strengthen existing ones in collaboration with other divisions of ECA;

(ii) In providing advisory services in the development of national regional economic policies as framework for multinational enterprises;

*(iii) In adoption of development-oriented objectives for economic co-operation and integration;

(iv) In serving as a clearing house for all multinational economic co-operation groupings on information relevant to African economic co-operation movement;

*(v) In collaboration with appropriate Divisions in the formulation and development of sectoral policies for economic and technical co-operation and integration.

(b) Studies:

9.246.02 Studies on the essential content, design, formulation and development of national policies for regional economic co-operation as a framework for sectoral policies and for evaluating multinational projects (1976-1977) - see 9.246.26;

9.246.03 Studies on strategies for economic co-operation: Problems of incorporating production strategies in trade strategies (1977) - see 9.246.27.

(c) Collection and dissemination of information:

- 9.246.20 Bulletin on developments in the field of economic co-operation and integration (1976-1977);
- 9.246.21 Biennial review of progress in intergovernmental collective action in economic co-operation (in collaboration with other Divisions).

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

- 9.246.26 Seminars on the essential content, design, formulation and development of national policies for regional economic co-operation as a framework for sectoral policies and for evaluating multinational projects (1977), see 9.246.02.

Related programmes: Close collaboration with UNDP, UNCTAD, UNIDO, CDPPE, UNITAR, ITC, other United Nations agencies, ADB, OAU, African intergovernmental organizations and ECA Divisions.

9.247 Development and strengthening of institutional and legal machinery for African economic co-operation

Origin: Commission resolutions 221(X), 246(XI) and 256(XII).

Project aim: To assist governments and intergovernmental organizations in making adequate institutional and legal provisions for economic co-operation, and in the establishment of new institutions to reflect new policies and measures for strengthening economic integration for collective self-reliance.

Priority A

Work content:

- 9.247.01 (a) Assistance to countries, territories and multinational institutions (1976-1977):

(i) In assisting existing intergovernmental institutions such as the OCAM, UDEAC, EAC, CPCM, ECOMAS, etc., in improvement in structures, work methods, administrative procedures, etc. (in collaboration with the Division of Public Administration);

*(ii) In assisting governments in the design of machinery and procedures to serve new economic groupings, including the promotion of specific national machinery for economic co-operation and integration and the creation of subregional advisory councils on economic co-operation and integration;

(iii) In serving intergovernmental and integrative organizations on request;

*(iv) In strengthening subregional intergovernmental programme committees of subregional structures and UNDATs;

(b) Studies:

9.247.02 Studies on the establishment of national institutions such as ministries of economic co-operation to serve as focal points for promotion of economic co-operation and integration and for relating national development objectives to economic co-operation. (In collaboration with the Division of Public Administration, Management and Manpower) - see 9.501.04 and 9.247.26;

9.247.03 Studies on the possibility of the establishment of an association of major indigenous intra-African investors with a view to promoting intra-African investment. (In collaboration with ECA International Trade and Finance Division) (1976-1977) - see 9.513.04, 9.513.05, 9.513.06, 9.513.27, 9.513.31 and 9.513.33.

9.247.05 Identification and analysis of specific institutional gaps in African economic groupings in collaboration with such groupings as UDEAC, ECOWAS, EAC, CPCM and OCAM especially in the fields of multinational co-production, distribution, negotiation and policy development (1977);

9.247.07 Studies on the establishment of an African Common Market (1977). In collaboration with ECA International Trade and Finance Division - see 9.247.31 and 9.344.05.

(c) Collection and dissemination of information:

9.247.20 "Directory of African Intergovernmental Organizations" (1977);

9.247.21 Files on changes and developments in arrangements in economic groupings.

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

9.247.27 Working group to consider the findings and recommendations of the studies on the establishment of an association of major indigenous African investors with a view to promoting intra-African investment (1977) - In collaboration with the Division of Industry - see Section 9.331;

9.247.28 Meeting of experts to consider the possibility of the creation of permanent subregional consultative groups on economic co-operation (1977): In collaboration with the Division of Public Administration, Management and Manpower - see 9.503.26, 9.505.27 and 9.247.04.

Related programmes: Close collaboration with OAU, ADB, intergovernmental organizations, UNDP, UNCTAD, UNIDO, UNITAR and ECA Divisions.

9.248 Identification, formulation and co-ordination of multidisciplinary and multinational projects through UNDATs and other subregional structures

Origin: General Assembly resolution 2563 (XXIV); ECOSOC resolution 1552 (XLIX); and Commission resolution 241 (XI).

Project aim: To assist governments and intergovernmental economic co-operation organizations through the UNDATs and other subregional structures in the identification, design, formulation, development and implementation of action-oriented multinational projects; in adopting multidisciplinary **approaches** to multinational project design and evaluation; and in the co-ordination of economic activity in specific fields. Special attention will be paid to the least developed countries.

Priority A

Work content:

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

(i) In assisting UNDATs in the recruitment and management of personnel; consultations with governments on operations of UNDATs; financial management and co-ordination of the backstopping by ECA Divisions; appraisal of performance of UNDATs programme; documentation and servicing of meetings of UNDATs;

(ii) In identification, formulation, promotion and implementation of multinational projects and schemes in agriculture, industry, training, transport, trade, development of national resources, through the UNDATs and subregional structures jointly and in collaboration with the relevant ECA Divisions and subregional intergovernmental committees;

(iii) In identification, design and development of multinational measures and projects at subregional levels in favour of the least developed countries especially in the development of common resources, production-trade arrangements, complementarity in food production, local processing of raw materials and long-term purchase arrangements (in collaboration with appropriate Divisions);

*(iv) In the promotion of the development of subregional economic policies for economic co-operation and integration.

(b) Studies:

9.248.02 Studies on the establishment of long-term arrangements for the supply of selected raw materials for basic industries (in collaboration with the International Trade and Finance Division) (1977) - see 9.342.04 and 9.248.26.

(c) Collection and dissemination of information:

9.248.20 Files on new multinational projects being implemented or already implemented especially in the sphere of co-production and distribution.

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

9.248.28 Convening of ad hoc meetings of governments and annual intergovernmental programme committees at subregional levels (1976-1977) in connexion with the subregional structures such as UNDATs.

Related programmes: Close collaboration with UNDP, GDFPP, UNIDO, UNCTAD, other United Nations agencies, ADB, OAU, African intergovernmental organizations and ECA Divisions.

9.249* Training of manpower for economic co-operation and integration

Origin: General Assembly resolution 3362(S-VII); and Commission resolutions 221(X), 246(XI) and 256(XII).

Project aim: To assist the African countries and intergovernmental organizations engaged in economic co-operation and integration in the development of skills and expertise for negotiations, management and administration of economic co-operation activities.

Priority A

Work content:

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

(i) In disseminating of information on available information on available opportunities for training in economic co-operation in such fields as tariff and non-tariff barriers, investment and development policies, multinational enterprises, harmonization of sectoral policies, such as common agricultural policies, fiscal policies and Customs management. In collaboration with the Division of Public Administration, Management and Manpower;

(ii) In instituting schemes for short-term exchange among personnel working in African economic groupings such as OCAM, UDEAC, EAC, CPCM, ECOMAS in collaboration with these groupings and the Division of Public Administration, Management and Manpower;

(iii) In organizing short-term training study tours: In collaboration with African economic groupings and economic groupings in Latin America such as LAFTA, Andean Group and Central American Common Market jointly with the Division of Public Administration, Management and Manpower -- see 9.264.28;

(iv) In organizing jointly with the Division of Public Administration, Management and Manpower study tours and short-term work opportunities with economic groupings in developed countries such as EEC and COMECON in collaboration with African economic groupings listed above;

(v) In instituting seminars in collaboration with the Division of Public Administration, Management and Manpower for personnel working in African economic groupings.

9.249.26 Convening of ad hoc meetings of experts working with African intergovernmental organizations at regional and subregional levels on training for economic and technical co-operation. In collaboration with the Division of Public Administration, Management and Manpower -- see 9.505.26 and 9.505.27.

Related programmes: Close collaboration with UNDP, UNIDO, UNCTAD, OAU, African intergovernmental organizations (OCAM, UDEAC, EAC, CPCM, ECOMAS), ECA Division of Public Administration, Management and Manpower and other relevant Divisions.

9.250* Special area programme on economic co-operation with other developing regions*

Origin: General Assembly resolution 3362(S-VII) which urged intensification of economic co-operation among developing countries.

Project aim: To assist African countries to collaborate with other developing regions in expanding exchange of information, and of expertise, in sharing experiences in the planning and management of social and economic change; in organizing joint actions and establishing joint ventures in various economic sectors such as trade, industry, food and agriculture, transport and communications, finance, planning, science and technology, information systems and mass media, statistics, development of natural resources, manpower and institutional development; in evolving common policies on issues facing the developing regions and the international community; in opening up new economic opportunities for economic diversification; in enhancing the technical and managerial capability of the African and other developing regions in various fields.

Priority A

Work content:

9.250.01 (a) Assistance to countries, regions and multiregional organizations (1976-1977):

(i) In organizing the financing and arrangements for observation and study tours among regions in critical social economic sectors and specific programme areas such as: formulation of national economic policies, relations with transnationals, clearing houses,

* This programme is new and provisional, its implementation is to be negotiated with other regional economic commissions.

foreign technology, distribution of benefits, population and family planning and demographic aspects of socio-economic development, protection, industrial technology; integrated rural development, manufacture and distribution of agricultural inputs, nonformal education, income distribution; industrial investment promotion, multinational industries, engineering industries, machine tools, automobile production, production of railway rolling stock and quality control;

(ii) In organizing training facilities and on-the-job training for middle-level technicians and executive development programmes;

(iii) In organizing and providing back-stopping services joint groups for negotiations with third parties in relation to trade, industry, technology, transport and telecommunication resources and other economic sectors;

(iv) In providing consultant services for the design and establishment of national, subregional, regional and multiregional institutions in such fields as: shipping, ports and harbours, civil aviation, satellite communications resources; producers' associations, commodity exchange markets in agricultural and non-agricultural products; regulation of imports of technology and development of Research and Development (R & D), supply of technological information and for preferential arrangements for the transfer, adaptation and development of technology among developing regions; machine design and construction, engineering industries, machine tools; small-scale and rural industries, building materials, business support services; banking and insurance, business administration and finance; business information and forecasting; trade promotion, import and export; natural resources; consultations and policy analysis; dissemination of information.

(b) Studies:

9.250.02

Studies on the establishment of regional and multiregional institutions in shipping, ports and harbours, civil aviation, satellite communications resources; producers' associations, commodity exchange markets in agricultural and non-agricultural products; regulation of imports of technology and development of R & D; supply of technological information and for preferential arrangements for the transfer, adaptation and development of technology among developing regions; machine design and construction, engineering industries, machine tools, small-scale and rural industries, building materials, business support services; banking and insurance, business administration and finance; business information and forecasting; trade promotion, import and export; natural resources; consultations and policy analysis; dissemination of information (1976-1977).

(c) Collection and dissemination of information:

9.250.20 Establishment of business and trade information centres (1976-1977);

9.250.21 Biennial review of the scope and progress in the field of economic co-operation among developing countries (1976-1977).

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

9.250.26 Assist in servicing the meetings of the global Committee on Economic Co-operation among Developing Countries created by UNCTAD IV (1976-1977);

9.250.27 Follow-up workshops and seminars related to projects under item 9.250.02 above (1976-1977).

Related programmes: Close collaboration with all other programmes of the Commission, OAU, OAS, ACP, Arab League, RCD, SELA, ASEAN Group, ESA, FAO, UNDP, UNEP, UNCTAD, UNIDO, ECE, ECLA, ECMA, ESCAP.

9.260 EDUCATION AND TRAINING

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

9.261 Policies and planning for education and training systems

Origin: Commission resolutions 17(II), 82(V), 110(VI), 125(VII), 195(IX) and 202(IX); General Assembly resolutions 3201(S-VI) and 3202(S-VI); African Declaration on Co-operation, Development and Economic Independence of May 1973; Recommendations of the Conference of Ministers of Education of African member States, Lagos, January/February 1976.

Project aim: To assist member States in the reform and development of their education and training systems in relation to economic and social development needs through studies, publications and advisory and consultancy services.

To foster the co-ordination, harmonization and development of training policies and programmes at the national level as a sustained effort in continuing manpower development. Special attention will be given to the least developed countries in the implementation of project 9.261.

Priority A

Work content:

- 9.261.01 (a) Assistance to countries and territories (1976-1977):
- (i) In the review of national education and training systems in relation to their role in economic and social development;
 - (ii) Advising on the structure, operation and development of national machinery for the co-ordination and development of training policies and programmes;
 - (iii) Providing advisory services on the development of non-formal education policies and programmes as part of the national total learning system (in collaboration with UNESCO and ILO);
 - (iv) Advice on policies and programmes for the localization of professional training and qualifications in African States
- (b) Studies:
- 9.261.02* A study of the development of non-formal education for manpower preparation in African countries (1977);

9.261.03*

In collaboration with UNESCO and member States undertake studies of the problems of:

(i) Introducing middle-level skill-related technological subjects into secondary school curricula (1977);

(ii) Correcting the prevailing imbalance in the subject structure and course offerings of post-secondary educational institutions in relation to manpower needs (1977).

(c) Collection and dissemination of information:

9.261.20

Monographs on training for development designed to make better known innovative experiments, programmes and policies relating education and training to work and manpower development (in collaboration with UNESCO) (1976-1977).

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

9.261.26

Regional expert group meeting on studies on education and employment in Africa (in collaboration with the Socio-economic Research and Planning Division) (1977);

9.261.27*

Regional symposia on the development of non-formal education in Africa with regard to:

(i) Manpower for rural development (1977).

9.261.28*

UNESCO/OAU/ECA/AU sponsored sub-regional/regional seminars on education and the New International Economic Order (utilizing the reviews under project 9.261.21) (1977).

Related programmes: Collaboration with UNESCO and other agencies with training programmes in Africa, as well as with other ECA Divisions.

9.262

Institution building and development of training facilities

Origin:

Commission resolutions 17(II), 82(V), 110(VI), 125(VII), 195(IX) and 202(IX); General Assembly resolutions 3201(S-VI) and 3202(S-VI); African Declaration on Co-operation, Development and Economic Independence of May 1973; Recommendations of the Conference of Ministers of Education of African member States, Lagos, January/February 1976.

Project aim:

To assist member States and African educational and training institutions in developing adequate and effective capability for the training of manpower needed for economic and social development through training of African instructors, strengthening of existing institutions, promoting new training facilities and fostering intra-African co-operation in the development and utilization of training facilities. Special attention will be given to the least developed countries in the implementation of project 9.262.

Priority A

Work content:

- 9.262.01 (a) Assistance to countries and territories (1976-1977):
- (i) Advising on, and promoting the development of technical education and vocational training to meet technical manpower needs;
 - (ii) Promoting staff development in African training institutions through fellowship programmes, including staff exchange among institutions;
 - (iii) Promoting the formation and development of national and regional associations for training and development;
 - (iv) Organizing training programmes for African teaching staff in pre-service and in-service training institutions/centres in public, parastatal and private organizations;
 - (v) Facilitating the negotiation of technical co-operation programmes for strengthening the capability of African training institutions through twinning arrangements, staff exchange, staff training and other forms of technical co-operation (in collaboration with ECA Technical Assistance Co-ordination Office);
 - (vi) Technical support to intra-African co-operation effort in developing multinational educational and training facilities.
- (c) Collection and dissemination of information:
- 9.262.20 Information bulletins on in plant and institutional training facilities and programmes in Africa and in other developing countries aimed at promoting co-operation in personnel training and technology transfer (in collaboration with the TCDC information service) (1976-1977),
- 9.262.21 Information bulletins on ECA Training Programmes (half-yearly) (1976-1977).
- (d) Conferences, meetings, seminars and expert working groups (1976-1977):
- 9.262.26 National and sub-regional training workshops on training methods and use of instructional materials and media designed to improve the professional competence of trainers and instructors and the effectiveness of national training programmes:
- (i) Long vacation sub-regional training workshops for African instructors (multi-sectoral) (1976-1977);
 - (ii) National training workshops for African instructors (multi-sectoral) (1976-1977);

(iii) Training workshops and individual programmes for specific groups of instructors: commercial instructors, management educators, accountancy teachers, social work educators (1976-1977).

9 262 27 Conferences of African Association for Training and Development and exhibitions on training materials development (1976);

9 262 28 Development of in-service and in-plant training programmes for African personnel at middle and higher levels, utilizing facilities within and outside the region (1976-1977);

9 262 29* Promoting the establishment, strengthening and development of specialized training institutions to meet manpower needs within the framework of the objectives of the New International Economic Order (in collaboration with other ECA Divisions, African Governments and educational institutions, OAU, UNESCO, ILO and other appropriate agencies):

(i) Institute for Higher Technical Training and Research for African least developed countries: Phase I - feasibility study (1976); Phase II - establishment and development (1977);

(ii) Sub-regional community centered, multipurpose Colleges of Arts and Technology for job-related middle-level skill training (1977);

(iii) Sub-regional Graduate Schools of Business Management and Finance (using existing higher level educational institutions) (1976-1977);

(iv) Initiate and develop training programmes for middle and higher level technical personnel from the Sahel countries in collaboration with UNSO and the Institute for the Sahel (1976-1977).

9 262.30 ECA/AACE national and regional training workshops for correspondence education course writers and administrators and the use of audio-visual methods aimed at developing non-formal system of manpower training (1976-1977).

Related programmes: Collaboration with UNESCO with a view to developing an ECA/UNESCO joint work programme for concerted action in areas of common interest. Close collaboration with the ILO, UNITAR, UNIDO, CAFRAD, Association of African Universities, African Association for Training and Development, and other international organizations and bilateral agencies having educational and training programmes in Africa as well as with the substantive divisions of ECA.

9.263 Localization of professional training and qualifications in African States

Origin: Commission resolutions 110(VI), 172(VIII) and 202(IX)

Project aim: To advise and assist member States in developing national policies, programmes and institutional arrangements for the localization of professional training and qualifications in accountancy, secretaryship and other appropriate vocations and in promoting sub-regional co-operation in this regard

Priority A

Work content:

9.263 01 (a) Assistance to countries and territories (1976-1977):

 (i) In providing consulting and advisory missions on the formation of appropriate professional bodies, evaluation of curricula and establishment of national examinations boards for accountancy and auditing, secretaryship, banking, insurance, management and other appropriate professions;

 (ii) Obtaining the support of international professional bodies and other technical co-operation agencies in the establishment and development of programmes and other institutional arrangements for national or multinational action in the localization of particular vocations;

 (iii) Promoting multinational co-operation in the establishment of examinations boards and professional associations for the localization of professional training and examinations

(b) Studies:

9.263.02 Evaluation study of existing syllabi and curricula in use in selected professional fields in terms of relevance and effectiveness and suggestions for their improvements (1976-1977);

9 263 03 Country studies of the situation, policies, programmes and institutional arrangements for the localization of professional training and qualifications in African countries (1976-1977).

(c) Collection and dissemination of information:

9 263.20* Publication of model syllabi and model constitutions for particular professions (1977).

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

9 263.26 Follow-up national workshops and consultancy services on the findings and recommendations of the country studies (Project 9 263 03) (1976-1977);

9.263.27* Meeting on co-operation in the localization of professional training and qualifications (in collaboration with professional associations, examinations boards and the Economic Co-operation Office):

Regional conference (1977).

Related programmes: Close collaboration with United Nations Division of Public Administration and Finance, donor countries, other technical assistance agencies and international and African professional associations.

9 264 Fellowship programme

Origin: Commission resolutions 77(V), 123(VII), 125(VII) and 195(IX); General Assembly resolutions 3201(S-VI) and 3202(S-VI); African Declaration on Co-operation, Development and Economic Independence of May 1973 relating to Human Resources; Recommendations of the Conference of Ministers of Education of African member States, Lagos, January/February 1976.

Project aim: To co-ordinate and administer bilateral scholarship and fellowship programmes for training Africans in priority areas of manpower requirements and promote the establishment, operation and development of an African Government supported Fellowship Programme, including support Fellowship Fund. Organize in-service training programmes in ECA secretariat for African officials and students; and promote intra-African co-operation in the utilization of available educational and training facilities.

Priority A

Work content:

9 264.01 (a) Assistance to countries and territories (1976-1977):

(i) In obtaining, co-ordinating, administering and developing bilateral scholarships and fellowships made available to member States through the Commission; (in collaboration with the Technical Assistance Co-ordination Office);

(ii) In promoting intra-African co-operation in the utilization of available educational and training facilities through the development and operation of an African Fellowship Programme and supporting Fellowship Fund;

(iii) In disseminating information on training and fellowship opportunities available within and outside Africa;

(iv) In organizing in-service training programmes at ECA headquarters for African economists, statisticians and related professions - with priority for the least developed countries;

(v) In co-ordinating operational research programmes of students and research fellows for attachment training - with priority for the least developed countries

(b) Studies:

9.264.02 Evaluation field studies on the impact of the fellowship programmes in selected African countries (1977).

(c) Collection and dissemination of information:

9.264.20 Training Information Notice (Quarterly) (1977).

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

9.264.26 Regional seminars for Training Administrators and Fellowship Officers on problems of training needs identification, fellowship utilization and administration, incorporating in the 1976 meeting a workshop on the establishment of an African Government supported Fellowship Programme (1976 and 1977);

9.264.27 Establishment, development and administration of an African Government supported Fellowship Programme (1976-1977);

9.246.28 In collaboration with the Economic Co-operation Office, organize short-term study tours, seminars, workshops and individual or group training programmes for technical and professional personnel of African economic groupings (1976-1977).

Related programmes: Close collaboration with the United Nations Headquarters (OTC), 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, and with ECA substantive Divisions

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 encourage the formulation and application of urbanization policies within the context of regional planning and integrated rural development; to promote the creation, strengthening and co-ordination of machinery relating to physical planning and plan implementation; to promote practical programmes relating to finance for housing and rural infrastructure, the building and construction industry and to organize training programmes for personnel to man institutions responsible for physical planning and urban and rural development.

Priority A

Work content:

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

(i) Promotion of training facilities for physical planning personnel through field projects, seminars or handbooks; establishment of administrative and executive physical planning units for urban and rural development and their effective co-ordination with and integration into other agencies responsible for social and economic planning; formulation and implementation of national human settlements policies and programmes;

(ii) Assistance (in collaboration with other appropriate Divisions) in the formulation of policies for urbanization and integrated rural development;

(iii) Assistance (in collaboration with other appropriate Divisions) in evaluating the infrastructural requirements for projects in human settlements and in integrated rural development;

(iv) Assistance (in collaboration with the Public Administration, Management and Manpower Division) in designing training programmes for middle level technicians and planners for human settlements and integrated rural development projects;

(v) Establishment of national and multinational institutions for training in the design, planning and establishment of human settlements;

(vi) Assistance to other United Nations organizations in mounting and evaluating projects in human settlements.

(b) Studies:

- 9.291.02 Case studies on the policies, techniques and methods used for promoting orderly expansion of towns and cities and the prevention of slums and squatter settlements (1976-1977) - see 9.291.28 below;
- 9.291.03 Study of the role of the building and construction industry as a key sector in economic growth (in collaboration with the Division of Socio-economic Research and Planning) (1977);
- 9.291.04 Study on "Human Settlements in Africa: The Role of Housing and Building" (1976);
- 9.291.05 Study of the feasibility of establishing a Regional Institute for Comparative Research and Training in Integrated Rural Development and Physical Planning (1977);
- 9.291.06 Preparation and follow-up actions in connexion with HABITAT: United Nations Conference on Human Settlements in Vancouver, Canada (1976-1977).

(c) Collection and dissemination of information:

- 9.291.20 Bi-annual "Human Settlements Newsletter" (1977).

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

- 9.291.28 Training workshops in physical planning with special reference to controlled urban development and to integrated rural development (1977).

Related programmes: Close collaboration with UNDP and the United Nations Centre for Housing, Building and Planning will be continued. The ECA/FAO Joint Agriculture Division, Human Resources Development Division, Statistical Division and ECA/WHO Liaison Office would collaborate, the first with regard to 9.291.01 (a) above, and the latter with regard to the provision of rural sanitary facilities.

- 9.292 Improving finance mechanism for increasing inflows of capital to housing and rural infrastructure

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 (1976-1977):

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

(c) Collection and dissemination of information:

9.292.20 Techniques for infrastructure and housing development in Africa (1976-1977).

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

9.292.26 Seminars on credit facilities, their forms, efficiency and use for housing development (1977).

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

9.293 Promoting the efficient utilization of resources for housing and for rural infrastructure in integrated rural development

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

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

Priority A

Work content:

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

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 (1977);
- 9.293.03 Studies of the relationship of the development of low cost housing and rural infrastructure to decentralized medium and small scale industries (in collaboration with the Divisions of Natural Resources and of Industry) - see section 9.334. (1977).
- 9.293.04 Measures towards the establishment and operation of building costs and designs information centres (1977).
- (d) Conferences, meetings, seminars and expert working groups (1976-1977):
- 9.293.26 Training courses in the establishment and organization of co-operative housing societies using existing financial structures, particularly credit unions in rural areas (1977).

Related programmes: Close collaboration will be maintained with UNDP and the United Nations Centre for Housing, Building and Planning and with IBRD on development of site and service schemes, ILO in co-operative and WHO in environmental sanitation, and with interested NGOs.

9.294 Development of the building and construction industry

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 (1976-1977):
- Promoting the adoption of national policies for research and development in the building and construction industry; encouraging collaboration in research programmes, exchange of information on results and application among research institutions.
- (b) Studies:
- 9.294.02 Review of performance orientation and capacity of the building and construction industry in Africa (1977);
- 9.294.03 The status and prospects of the building material industries in Africa (1977);
- 9.294.04 Case studies on policies, institutional facilities and programmes for research and standardization in building and construction with special reference to integrated rural development (1977).

Related programmes: Co-operation will be continued with UNEP and 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.

9.330 INDUSTRIAL DEVELOPMENT

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9.331 Industrial policies and planning

Origin: General Assembly resolutions 2626(XIV), 3201(S-VI) and 3202(S-VI); Commission resolutions 218(X), 256(XII) and 257(XII); 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;

Agreed Conclusions of the Third Conference of African Ministers of Industry held in December 1975;

Lima Declaration and Plan of Action on Industrial Development and Co-operation, adopted by the Second General Conference of UNIDO in March 1975.

Project aim: To harmonize African industrial policies and programmes so as to facilitate the establishment of basic multinational industries and to promote the development of large-scale manufacturing for export based on African raw materials and other inputs; and to facilitate regional and international consultations to safeguard and promote the collective interests of African countries.

Priority A

Work content:

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

(i) Delivery of technical assistance in the field of industrial policy and planning with respect to organization, formulation, co-ordination, implementation, follow-up and evaluation;

(ii) In carrying out and improving national capabilities for undertaking national industrial surveys and in appraising trends in industrial development;

(iii) In preparing Directory of African manufacturing establishments based on standard presentation;

(iv) In drawing up an inventory of existing company fleets and stocks of engineering products and scientific equipment;

(v) In selection, standardization and unification of a limited range of types of engineering products and scientific equipment;

(vi) In identifying and evaluating opportunities for industrial linkages;

(vii) In developing national capabilities in industrial projects planning and analysis;

(viii) In negotiating joint-venture enterprises;

(ix) In planning the regional development of industry;

*(x) In harmonizing African positions in interregional and global consultations on the restructuring of world industry and for the development of new world industrial production capabilities.

(b) Studies:

9.331.02 Evaluation study, in selected African countries, of capabilities in industrial project design, evaluation and planning;

9.331.03 Annual review and appraisal of progress of the African industrial development;

9.331.04 Studies on the dynamics of industrial change (1976-1977).

(c) Collection and dissemination of information:

9.331.20 Quarterly publication of "Investment Africa" (1976-1977).

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

9.331.26 Conferences of African Ministers of Industry (1977);

9.331.27 Meetings of the Follow-up Committee on Industrialization in Africa (1976-1977);

9.331.31 Intensive training courses on the organization of national industrial surveys and on industrial market forecasting (1977).

9.332 Multinational co-operation in the development of basic industries

Origin: General Assembly resolutions 2626(XV), 3201(S-VI) and 3202(S-VI); Commission resolutions 218(X), 256(XII) and 267(XII); 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;

Agreed Conclusions of the third Conference of African Ministers of Industry held in December 1975;

Lima Declaration and Plan of Action on Industrial Development and Co-operation, adopted by the Second General Conference of UNIDO in March 1975.

Project aim: To harmonize African industrial policies and programmes so as to facilitate the establishment of basic multinational industries and to promote the development of large-scale manufacturing for export based on African raw materials and other inputs; and to facilitate regional and international consultations to safeguard and promote the collective interests of African countries.

Priority A

Work content:

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

(i) In assessing the cost and benefits of participation in basic multinational industries (in co-operation with the Socio-economic and Planning Division and the Economic Co-operation Office);

*(ii) In designing a common technological policy for multinational basic industries;

(iii) In market surveys and projections for multinational industries (in co-operation with the International Trade and Finance Division);

(iv) In evaluating national potential for the supply of factor inputs for and industrial production linkages with multinational basic industries;

*(v) In evaluating customs, excise and other fiscal and non-fiscal barriers to and incentives for facilitating trade in the products of multinational basic industries (in co-operation with the International Trade and Finance Division);

(vi) In the harmonization of incentive policies and related legislation (in co-operation with the International Trade and Finance Division);

(vii) In identifying opportunities for promoting complementarity and specialization in specific industries;

(viii) In preparing development programmes and projects for food and agro-industries;

(ix) In preparing development programmes and projects for wood-based industries;

(x) In providing advisory services including preliminary surveys on setting up production facilities of irrigation pumps and windmills, agricultural tools and implements with special reference to Sahelian region countries - in collaboration with UNSO and UNIDO.

(b) Studies:

- 9.332.02 Assessment of the possibility of setting up multinational basic industries and establishing a list of alternative projects country-by-country and product-by-product (e.g. ferrous and non-ferrous metals, agricultural chemicals, plastics, transport equipment, electrical and electronic equipment, agricultural machinery, tools and implements, mining equipment, machine tools, building and construction materials, food processing equipment, textiles, wood harvesting and wood-based industries, including pulp and paper.

(c) Collection and dissemination of information:

- 9.332.20* Biennial review of progress in intergovernmental collective action in industrial co-operation (1976).

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

- 9.332.28* Consultation meetings of development banks and other financial institutions on financing multinational basic industries (in co-operation with ADB, EADB, BADEA, UNIDO and with the International Trade and Finance Division) (1976-1977):

- 9.332.29 Workshops on planning and programming multinational basic industries (e.g. ferrous metals, non-ferrous metals, pulp and paper, wood, food processing industries, etc.);

- 9.332.31 Expert Group meeting on Machine Tools for African Countries (1977) (in co-operation with UNIDO).

9.333 Institution building

Origin: General Assembly resolution 2626(XIV); 3201(S-VI) and 3202(S-VI); Commission resolutions 213(X), 256(XII) and 267(XII); 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;

Agreed Conclusions of the third Conference of African Ministers of Industry held in December 1975;

Lima Declaration and Plan of Action on Industrial Development and Co-operation, adopted by the Second General Conference of UNIDO in March 1975.

Project aim: To assist Governments in strengthening the machinery of industrial development at the national and multinational level.

Priority A

Work content:

- 9.333.01 (a) Assistance to countries and territories (1976-1977):
- (i) In the design and establishment of industrial promotion centres;
 - (ii) In the design and establishment of industrial estates;
 - (iii) In the design and establishment of industrial extension services;
 - *(iv) In the establishment of centres and mobile units for the repair and maintenance of machinery and equipment;
 - (v) In establishing chambers of industry and similar associations of producers.
- (b) Studies:
- 9.333.02 Establishment of an African Centre for the Iron and Steel Industry (in co-operation with UNIDO);
- 9.333.03 Establishment of a Regional Centre for the Development of the Petro-chemicals industry in West and Central Africa (in co-operation with UNIDO);
- 9.333.05* Establishment of a centre for the Design, Adaptation and Transfer of Industrial Technology (in co-operation with UNIDO) (1976-1977);
- 9.333.06* Establishment of a Regional Plant Design and Manufacture Centre (in co-operation with UNIDO) (1976-1977);
- 9.333.07* Establishment of an African Centre for Consulting Engineering and Management Services (in co-operation with UNIDO) (1976-1977);
- 9.333.08 Survey of the state of the foundry industry in selected African countries (1977);
- 9.333.09 Establishment of an African Industrial Development Fund (1976-1977);
- 9.333.10* Establishment of Solar Energy Testing and Development in Sahelian region in co-operation with UNSO, UNIDO and ECA's Science and Technology Unit (1976-1977).
- (d) Meetings, conferences, seminars and expert working groups (1976-1977):
- 9.333.26 Negotiating meetings on the establishment of regional centres.

9.334 Development of small-scale and rural industries

Origin: General Assembly resolution 2626 (XXV), 3201 (S-VI) and 3202 (S-VI);
Commission resolutions 218 (X), 256 (XII) and 267 (XII); 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;

Agreed conclusions of the third Conference of African Ministers of
Industry, held in December 1975;

Lima Declaration and Plan of Action on Industrial Development and
Co-operation adopted by the Second General Conference of UNIDO in
March 1975.

Project aim: To assist Governments in fostering the development of rural and
small-scale industries as means of stimulating employment in
non-agricultural activities.

Priority A

Work content:

- 9.334.01 (a) Assistance to countries and territories (1976-1977):
- (i) In the development of central policies and machinery for
dealing with small-scale and rural industries in the context of
integrated rural development;
 - (ii) In the design of decentralized support services and
institutions for promoting small-scale and rural industries;
 - (iii) In designing training programmes for rural and small-scale
industry development;
 - (iv) In the design and development of technology data banks
for small-scale and rural industries.
- (b) Studies:

- 9.334.02 Evaluation survey in selected African countries of policies and
machinery for the promotion of small-scale and rural industrial
development (1977).

9.340 INTERNATIONAL TRADE

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.341 Restructuring of Africa's external trade

Origin: General Assembly resolutions 3202(S-VI); 3362(S-VII); and Commission resolution 260(XII).

Project aim: Assisting African countries in improving significantly the conditions under which their external trade presently takes place and in expanding and diversifying their trade patterns with non-traditional partners.

Priority A

Work content:

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

Advisory services and missions on request of African countries and territories in the establishment of multinational import and export enterprises; in the development of personnel in the field of trade and in the creation of regional and sub-regional institutions offering appropriate programmes in international trade negotiations, international marketing, export promotion and documentation.

(b) Studies:

9.341.02* Studies on possibilities of joint pooling of key imports (1977) (in co-operation with UNCTAD);

9.341.03* Studies on the establishment of multinational import and export enterprises(1977);

9.341.04 Studies on regional co-operation in raw materials through the establishment and strengthening of producers' associations (1976-1977) (in co-operation with the Joint ECA/FAO Agriculture Division);

9.341.05 Studies on multilateral trade negotiations (1976-1977);

9.341.06* Studies on the implications of the UNCTAD's Integrated Programme for Commodities for African countries (1977) (in co-operation with the Joint ECA/FAO Agriculture Division and UNCTAD);

9.341.07 Studies on African trade with socialist countries (1977);

9.341.08 Studies on African trade with other developing regions (1977).

(c) Collection and dissemination of information:

- 9.341.20* Biennial review of progress in intergovernmental, collective action in the field of international trade as well as in the fiscal, financial and monetary policies and banking fields (1977).

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

- 9.341.26 Commodity groups related to the establishment and strengthening of producers' associations (1977) (in co-operation with the Joint ECA/FAO Agriculture Division);
- 9.341.27 Seminar on multilateral trade negotiations (1977);
- 9.341.28* Expert group meetings on the implementation of the Integrated Programme for Commodities with respect to African countries (1977);
- 9.341.29 Seminar on Africa's trade with socialist countries (1977);
- 9.341.31 ECA seminar on commercial policy and trade promotion (1977);
- 9.341.32 In-service training of trade promotion officers offering appropriate training programmes in trade promotion, marketing, export promotion and documentation (1976-1977);
- 9.341.33 Development of personnel in the field of trade and assisting in the creation of regional and subregional institutions offering appropriate programmes in international trade negotiations, marketing export promotion and documentation (1976-1977).

Related programmes: Close collaboration with relevant ECA Divisions, OAU and UNCTAD.

9.342 Development of intra-African trade

Origin: Commission resolution 262(XII).

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

Priority A

Work content:

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

Advisory missions in the identification of barriers and obstacles to intra-African trade and measures for removing them and aimed at assisting African countries to create and support multi-national associations and institutions oriented towards the promotion of intra-African trade, as well as at establishing export credit insurance and export credit financing schemes.

(b) Studies:

- 9.342.02 Studies on existing and potential products for trade between African countries (1976-1977) (in co-operation with the Joint ECA/FAO Agriculture Division and the Joint ECA/UNIDO Industry Division);
- 9.342.03 Development of an effective system of market research and product identification for intra-African trade (1976-1977);
- 9.342.04* Studies on intra-African trade in raw materials for basic industries (1977) (in co-operation with the Joint ECA/UNIDO Industry Division, the Joint ECA/FAO Agriculture Division, Transport, Communications and Tourism Division, Economic Co-operation Office - see projects relating to raw materials and basic industries in their programmes);
- 9.342.05 Studies on problems of transit trade, with special reference to land-locked countries (1976-1977) (in co-operation with the Socio-economic Research and Planning Division and the Transport, Communications, and Tourism Division);
- 9.342.06* Studies on identification of barriers and obstacles to intra-African trade, including those arising from "triangular trade" and of measures for removing them and aimed at assisting African countries to create and support multinational associations oriented towards the promotion of intra-African trade as well as at establishing export credit insurance and export financing schemes (1976-1977);
- 9.342.09* Studies on national procurement and supplies policies (1976-1977) (in co-operation with the Public Administration, Management and Manpower Division);
- 9.342.10* Inventory of work already done in trade liberalization and preference among African countries (1976-1977);
- 9.342.11 Analysis of existing African trade legislations, rules, regulations and practices, including tariff and non-tariff barriers (1976-1977);
- 9.342.12 Study of the procedures, techniques and modalities for multilateral trade negotiations among African countries (1977) (in co-operation with the Economic Co-operation Office).
- (c) Collection and dissemination of information:
- 9.342.20 "African Trade" - a quarterly publication on issues specifically related to the promotion of intra-African trade (1976-1977).
- (d) Conferences, meetings, seminars and expert working groups (1976-1977):
- 9.342.26 Marketing symposia on inter-subregional and intra-subregional trade for middle level and senior trade executives on subregional basis and on an all-Africa basis, in conjunction with African trade fairs (1976-1977);

- 9.342.27 Training courses in intra-African trade techniques, marketing and export promotion and in the techniques and modalities of bilateral subregional and regional trade negotiations among African countries (1977);
- 9.342.28* Meeting of customs experts on transit trade (1976);
- 9.342.29 Non-committal and confidential intra-African trade consultations in conjunction with the Conference of Ministers of ECA (1977);
- 9.342.32* Regional symposium on national procurement and supplies policies and intra-African trade, and meeting of the African Procurement and Supplies Association (1976) (in co-operation with the Public Administration, Management and Manpower Division);

Related programmes: Close collaboration with OAU and UNCTAD Socio-economic Research and Planning Division, Economic Co-operation Office, Public Administration, Management and Manpower Division.

9.343* Assisting member countries in ensuring control of foreign trade by national structures

Origin: General Assembly resolutions 3362(S-VII); and 3201(S-VI).

Project aim: Assisting African countries in ensuring control of foreign trade by national structures (state trading agencies and/or private indigenous traders)

Priority A

Work content:

- 9.343.01* (a) Assistance to countries and territories (1976-1977):

Advising African countries, on request, on the ways and means of ensuring control of foreign trade by national structures.

- (b) Studies:

- 9.343.02* Studies on review and assessment of the situation with respect to control of foreign trade by national structures (by state trading agencies and/or private indigenous traders) in selected African countries (1976-1977) (in co-operation with the Socio-Economic Research and Planning Division and the Public Administration, Management and Manpower Division. See projects relating to indigenization in projects 9.242.07, 9.242.09, 9.441.04 and 9.503.01(iv);

- 9.343.03* Overall review and assessment of the situation regarding the extent and modalities of control of foreign trade by national structures in the region (1977);

Related programmes: Close collaboration with relevant ECA Divisions.

9.344 Establishment and strengthening of trade institutions

Origin: Declaration and programme of action on the promotion of intra-African trade and development of co-operation among African countries.

Project aim: To help member States to co-ordinate and harmonize more effectively their positions within the framework of the various agreements and institutional arrangements that now exist or are likely to be established with a view to safeguarding their legitimate interests therein.

Priority A

Work content:

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

(i) To provide advisory services designed to assist member States to monitor and co-ordinate the implementation of trade, economic co-operation, agreements and institutional arrangements;

(ii) To provide advisory services to member States with respect to the establishment and strengthening of trade institutions;

(iii) To make preparations for, and service, meetings aimed at assisting member States in harmonizing their positions on trade and development issues discussed therein;

(iv) To advise on the organizational structure, objectives and functioning of existing trade institutions and how they might be strengthened.

(b) Studies:

9.344.02* Studies designed to monitor and co-ordinate the implementation of trade, economic co-operation, agreements and institutional arrangements (1976-1977) (in co-operation with the Economic Co-operation Office);

9.344.03 Studies on the organization, structure, objectives and functioning of existing trade institutions and how they might be strengthened (1976-1977);

9.344.04* Studies on the establishment of an African Common Market (1977) (in co-operation with the Economic Co-operation Office).

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

9.344.26* Meetings of the Intergovernmental Committee of Experts on Trade and Development and of the Conference of Ministers of Commerce of OAU to consider the recommendations of the above studies (1976-1977);

- 9.344.27 The African Group meetings held in conjunction with the Trade and Development Board of UNCTAD (1976-1977);
- 9.344.28 The African ministerial meetings preparatory to meetings of the Group of 77 of UNCTAD and African ministerial meetings held in conjunction with the latter (1976-1977);
- 9.344.29 The meetings of the Association of African Trade Promotion Organizations (1976-1977);
- 9.344.30* The meetings of institutions set up within the framework of the Lomé Convention (1976-1977).

Related programmes: Close collaboration with relevant ECA Divisions and OAU, ADB, IDEP, AACB.

9.345* Developing national and multinational policies and capabilities relating to transnational corporations

Origin: ECOSOC Resolution 1961(LIX).

Project aim: Assist in strengthening the capacity of African countries to understand, negotiate and deal effectively with transnational corporations.

Priority A

Work content:

- 9.345.01* (a) Assistance to countries, multinational and multi-regional groupings (1976-1977):
- (i) In setting up national and multinational co-ordinating and reviewing bodies on the role and activities of transnational corporations;
 - (ii) In the development of national and multinational capabilities for negotiating relations with transnational corporations;
 - (iii) In the harmonization of national policy measures vis-à-vis transnational corporations;
 - (iv) In assessing the effects of different forms of relationships between transnational corporations and indigenous enterprises.
- (b) Studies:
- 9.345.02* Studies of the impact of the presence and operations of foreign transnational corporations on socio-economic development in selected African countries with special reference to employment; technology transfer, adaptation and development; linkages (including the utilization of local natural resources); earnings retention and investment policies and practices; local purchases; education and training; balance of payments (1976-1977);

- 9.345.03* Case studies of representative transnational corporations operating in a number of key economic sectors, including extractive industries, food and beverages industries, shipping, banking, insurance, import and export trade, and of their impact on the development process in the African host countries (in co-operation with the various relevant Divisions) (1977);
- 9.345.04* Case studies of relations between transnational corporations and indigenous enterprises (1977);
- 9.345.05* Studies of the role of transnational corporations in intra-African trade and economic co-operation (1977).
- (c) Collection and dissemination of information (1976-1977):
- (i) Continuing review of existing and on-going research on the activities of transnational corporations, including national regional and international regulations;
- (ii) Biennial review of progress in intergovernmental collective action with respect to transnational corporations.
- (d) Conferences, meetings, seminars and expert working groups (1976-1977):
- 9.345.26 Workshops on the impact of transnational corporations on aspects of planned socio-economic development (see project 9.345.02) (1977).

9.440 **MANPOWER**

9.441 Policies and Planning for Manpower Programming and
Employment Promotion

Origin: Commission resolutions 110(VI), 125(VII), 129(VII),
173(VIII) and 195(IX); General Assembly resolutions 3201(S-VI)
and 3202(S-VI); 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 manpower assessment and programming,
and advise on the formulation of appropriate policies for manpower
utilization and employment generation.

Priority A

Work content:

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

 (i) Advising on, and providing technical assistance in
manpower and employment planning, formulation of manpower policies
and programmes and the development of appropriate institutional
and administrative machinery for manpower programming;

 (ii) In promoting the development of national and
sub-regional consultancy services.

 (b) Studies:

9.441.02 Inventory and appraisal of manpower requirements in specific
economic sectors or related to particular multinational development
projects in the work programme:

 (i) Manpower profiles of specific basic industries
by projects (in collaboration with Industry Division) (1977);

 (ii) Case studies of experiences in mobilizing and
training manpower for rural development projects (in collaboration
with other ECA Divisions);

 (iii) Manpower profiles of various proposed training and
research institutions and centres outlined in the work programme
(in collaboration with other ECA Divisions) (1977);

9.441.03 Field study of policies, programmes and other arrangements
for public/private co-operation in manpower development and
evaluation of business sector contribution in skill development
and research (1977);

9.441.04 Case studies of the development of indigenous consultancy
services in African countries (1976-1977);

9.441.05 Evaluation of the adequacy of policies, programmes and institutional facilities for the development of African managerial capabilities (1977).

(c) Collection and dissemination of information:

9.441.20 Supplementary editions of the Directory of African Management Education and Training Institutions (1976).

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

9.441.26 Sub-regional training workshops for Career Guidance Officers and Career Development Officers (1977);

9.441.28 Sub-regional meeting on co-operation in developing multinational consultancy organizations:

West Africa (1977).

Related programmes: Close collaboration with the ILO, UNESCO, FAO, WHO, UNIDO, CAFRAD, AAU, IDEP and other organizations concerned with programmes of African human resources development and utilization. Effective collaboration with the ILO to evolve and develop an ECA/ILO joint work programme for concerted action in areas of common interest. Collaboration with other ECA Divisions in respect of sectoral manpower analysis and evaluation of requirements. Collaboration with the African Association for Public Administration and Management as well as with other African professional and consultancy organizations

9.442 Manpower Development and Analysis

Origin: Commission resolutions 110(VI), 125(VII), 129(VII), 173(VIII) and 195(IX); General Assembly resolutions 3201(S-VI) and 3202(S-VI); and African Declaration on Co-operation, Development and Economic Independence of May 1973 relating to Human Resources.

Project aim: To undertake manpower inventory of skills, by levels and types, required for the implementation of various development projects, relating assessed needs to manpower availability and training facilities.

Periodic review of the state of employment and labour conditions and promotion of increasing employment opportunities

Priority A

Work content:

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

(i) Technical assistance in the assessment of manpower requirements and advice on manpower programming and utilization;

(ii) Assisting in promoting the development of an intra-African technical assistance programme for the development, employment and exchange of African specialist manpower (in collaboration with ECA Technical Assistance Co-ordination Office and with the OAU);

(iii) In participating in the Jobs and Skills Programme for Africa (sponsored by the ILO);

(iv) In promoting co-operation among African professional manpower and management associations;

(v) Promoting the establishment and development of national and sub-regional multidisciplinary, indigenous consultancy organizations in Africa.

(c) Collection and dissemination of information:

9.442 20 Supplementary editions of the Directory of African Specialists and Consulting Organizations (1977);

9 442 21 Review of employment situation in Africa and evaluation of policies and programmes in employment promotion (1976-1977).

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

9 442 26* ECA/IDEP regional training workshops on integrated human resources planning for senior planners (in collaboration with ECA Research Division) (1977);

9.442 27* Manpower development for multinational basic industries (mining, petrochemicals, non-ferrous metals, iron and steel, food, forest-based industries and engineering industries) (in collaboration with Industry Division):

(i) Designing and administering special individual and group training programmes, including in-plant training, for African skilled operatives and technical and managerial personnel in relation to identified manpower requirements under project 9.441.02 (1976-1977);

(ii) Workshops on manpower development for the metal processing and mechanical engineering industries (1977);

(iii) Workshops on manpower development for the agricultural processing industries (1977).

Related programmes: Close collaboration with the ILO, UNESCO, EAC, WHO, UNIDO, CAFRAD, AAU, IDEP and other organizations concerned with programmes of African human resources development and utilization. Effective collaboration with the ILO to evolve and develop an ECA/ILO joint work programme for concerted action in areas of common interest. Collaboration with other ECA Divisions in respect of sectoral manpower analysis and evaluation of requirements. Collaboration with the African Association for Public Administration and Management as well as with other African professional and consultancy organizations.

9.460 NATURAL RESOURCES

C. NATURAL RESOURCES DEVELOPMENT AND CONSERVATION

9.461 Natural resources policies, planning and management

Origin: General Assembly resolutions 2386(XXIII), 2692(XXV), 3016(XXVII), 3201(S-VI), 3202(S-VI); ECOSOC resolutions 1426(XLVI), 1427(XLVI), 1033(XXXVII), 1673(LII), 1737(LIV), 1896(LVII), 1911(LVII); Commission terms of reference; Commission resolutions 34(III), 143(VII), 164(VIII), 223(X), 256(XII).

Project aim: To assist Governments in the formulation of appropriate policies and in the planning and management of natural resources in all stages of development including exploration, inventory, exploitation, marketing, utilization, and the establishment of institutions of research and training in these fields.

Priority A

Work content:

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

(i) Assistance to Governments in the formulation of general and specific policies relating to natural resources development, in improving national machineries for natural resources policy making and planning and in evaluating manpower and institutional needs for these purposes;

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

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

(iv) To promote the establishment of institutions for natural resources research and for training of higher level manpower in the conduct of natural resources surveys, planning and management;

*(v) To assist member States in the establishment of Multinational Remote Sensing Satellite Ground Receiving and Data Handling Centres in Africa for the scientific survey of natural resources and the monitoring of environmental conditions including the training of manpower in this field.

Related programmes: Close collaboration with UNESCO, UNCNRET, FAO, WMO, IMCO, WHO, International Oceanographic Commission and Joint ECA/FAO Agriculture Division.

9.462 MINERAL RESOURCES DEVELOPMENT

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9.463 Promotion of exploration, exploitation and utilization of mineral resources in Africa

Origin: General Assembly resolution 2626 (XXV); ECOSOC resolutions 1427 (XLVI), 1535 (XLIX); Commission terms of reference: 13 (II), 34 (III), 143 (VII), 164 (VIII), 238 (XI), 261 (XII), 280 (XII).

Project aim: To promote exploration, inventory, development exploitation and utilization of mineral resources in Africa.

Priority A

Work content:

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

(i) To assist member States, on request, in formulating and implementing mineral development policies;

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

(iii) To promote inter-African co-operation in all fields of mineral resources activities;

(iv) To promote and/or support multinational institutions in the field of mineral resources development including sub-regional mineral resources development centres; the African Mineral Development Council and the African Geological Society;

(v) To provide administrative and technical support to the Governments in undertaking the inventory of mineral resources.

(b) Studies:

9.463.02* Preparation of Mineral Distribution Map of Africa (1977).

(c) Collection and dissemination of information:

9.463.20 Collection and dissemination of information on various aspects of mineral resources development.

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

9.463.26 Seminar and study tours for African geologists, mining engineers and mineral processing engineers:

- on new exploration methods USSR (1976).

9.463.27* Meeting of working groups on the establishment of Multinational Mineral Resources Development Centres (1976-1977):

Central Africa (1977).

9.463.28* Meetings of the Governing Councils of the Mineral Resources Development Centres (1976-1977);

9.463.29* Conferences on the role of multinational co-operation in the development and utilization of mineral resources in Africa (1977).

9.464 Multinational co-operation in the development of basic and strategic industries based on mineral resources

Origin: General Assembly resolutions 2626(XXV), 3201(S-VI), and 3202(S-VI); Commission resolutions 218(X), 256(XII) and 267(XII); 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; Agreed Conclusions of the Third Conference of African Ministers of Industry held in December 1975; Lima Declaration and Plan of Action on Industrial Development and Co-operation; adopted by the Second General Conference of UNIDO in March 1975.

Project aim: Preparation of studies on basic and strategic mineral commodities in Africa in co-operation with other Divisions such as the Joint ECA/UNIDO Industry Division so as to facilitate the establishment of multinational industries in the region based on such mineral commodities.

Priority A

Work content:

(b) Studies:

9.464.02 Raw materials for the iron and steel industry (1976);

*Non-ferrous raw materials with special reference to bauxite (1976) and copper (1977);

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

9.464.26 The examination and promotion of action programmes emanating from recommendations in the raw material studies undertaken. (See also Industry Division Nos. 9.331.32; 9.332.01; 9.332.02; 9.332.26 and 9.332.29).

Related programmes: Close collaboration with United Nations Headquarters, UNCTAD, UNIDO, other international specialized organizations and ECA International Trade and Industry Divisions.

9.465* Development of mineral resources in the African offshore areas

Origin: General Assembly resolution 2626(XIV); Commission terms of reference 34(III), 143(VII), 238(XI).

Project aim: To promote the recovery and development of mineral resources distributed within the African offshore areas in order to provide African countries with new sources of mineral wealth.

Priority A

Work content:

9.465.01* (a) Assistance to countries and territories (1976-1977):

Administrative and technical assistance to member States in formulating and implementing subregional offshore exploration programmes and establishing Co-ordinating Offshore Prospecting Committees.

Related programmes: Close collaboration with United Nations Headquarters, UNCTAD, UNIDO, other international specialized organizations and ECA International Trade and Industry Divisions.

9.466 WATER RESOURCES

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.466 Planning and development of national water resources

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

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

Priority A

Work content:

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

(i) Planning and implementation of hydrometeorological
networks;

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

(iii) Conducting water resources surveys for future
development;

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

(b) Studies:

9.466.02 Studies of groundwater resources in arid zones and
preparing of hydrogeological maps (1976-1977).

(c) Collection and dissemination of information:

9.466.20* Preparation and publication of technical documents on planning
and development of water resources in Africa (1976-1977).

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

9.466.26 Regional Technical Conference on Water Resources Development (1976).

Related programmes: Close collaboration with ILO, United Nations Centre for Natural
Resources, Energy and Transport, UNESCO, UNEP, UNICEF, WHO, UNDP, IAEA,
CIET, FAO and other interested organizations.

9.467 Manpower training and research in the field of water development

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

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

Priority A

Work content:

9.467.01 (c) Assistance to countries and territories (1976-1977):

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

Related programmes: Close collaboration with UNESCO, IMO, WHO, UNEP and ECA Human Resources Development Division.

9.468 Development of international water resources

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

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

Priority A

Work content:

9.468.01 (c) Assistance to countries and territories (1976-1977):

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

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

(iii) Promotion of international co-operation for the development of Lake Tanganyika Basin.

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

9.468.26 Meeting of inter-State technical committee on the development of Lake Tanganyika basin and, participate in meetings of international river commissions like Chad, Niger, Senegal (1976-1977).

Related programmes: Close collaboration and co-ordination with related work of United Nations Centre for Natural Resources, Energy and Transport will be established as well as that of United Nations Panel of Experts on Legal and Institutional Implications of International Water Resources Development, IMO, WHO, UNESCO, IBRD, UNDP, ADB, UNEP and Joint ECA/FAO Agriculture Division.

9.469 ENERGY

9.470 Planning and Optimum Development of Energy Resources in Africa.

Origin: General Assembly resolutions 1401(XIV), 1425(XIV) and 2173(XVI); 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), 55(IV), 113(VI), 143(VII), 164(VIII), 223(X), 225(X) and 265(XII); 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 exploration, systematic planning and optimum development of energy resources in Africa, to promote multinational co-operation in their exploitation and use and to co-ordinate their development policies.

Priority A

Work content:

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

*(i) In the formulation of integrated energy policies;

(ii) In the evaluation, development, exploitation and use of their energy resources;

(iii) Compiling exhaustive inventory of energy resources and preparation of an Energy Resources Atlas of Africa;

(iv) Assistance, on request, in exploitation of energy resources in Africa and in multinational technical co-operation in the field of their development and use;

*(v) Establishment of Standing Committees for Energy in all African economic subregions.

(b) Studies:

9.470.02* Study of the factors and issues bearing on the establishment of an African Petroleum Organization (1976-1977);

9.470.03* Preliminary study on the establishment of an African Petroleum Institute (1976-1977).

(c) Collection and dissemination of information:

9.470.20* Establishment of an African Documentation Centre on African Energy Resources (1976-1977).

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

9.470.26 Organizing the Second African Meeting on Energy (1976).

Related programmes: Close collaboration with OAU, UNESCO, ILO, UNIDO, UNDP, ADB, CNRET and other organizations concerned with this field.

9.471 Development of Electrical Energy

Origin: Commission first and second reports, Commission resolutions 33(III), 164(VIII), 176(VIII), 223(X) and 225(X), Report of the First African Electric Power Meeting (1963), Report of the Regional Symposium on the Training of Personnel (at all levels) for Power Production and Distribution (1973).

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

Priority A

Work content:

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

(i) Assistance, on request, in the interconnexions of electricity systems among neighbouring African countries;

(ii) Supporting the establishment of institutions for training in the field of electrical energy;

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

*(iv) Forecasting demand for electricity in Africa.

(b) Studies:

9.471.02 Study on methods of improving the organizational and operational aspects of electrical energy development (1976-1977).

Related programmes: Close co-operation with International Standards Organization, International Electric Technical Commission, Commission on Electrical Equipment, IBRD, ADB, UPDEA and other concerned organizations, and ECA's Industry Division.

9.472 Rural Electrification and Development of Energy Equipment
for Rural Use

Origin: Commission first session report, Commission resolutions 33(III), 164(VIII), 176(VIII), 223(X) and 225(X); Report of the First African Electric Power Meeting (1963); Report of the Regional Symposium on the Training of Personnel (at all levels) for power Production and Distribution (1973).

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

Priority A

Work content:

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

(i) Appraisal of technical, social and economic factors affecting the development of energy supply and use in rural areas;

(ii) Advisory services, on request, for small-scale production, distribution and expansion of use of electrical energy in rural areas.

Related programmes: Close co-operation with ECE, IBRD, ADB, CNRET, UPDEA and other organizations concerned.

9.473 Development of Non-Conventional Sources of Energy

Origin: General Assembly resolutions 2056(XX), 2309(XXII), 2406(XXIII) and 2575(XXIV); ECOSOC resolutions 779(XX), 885(XXXIV), 986(XXXVI) and 1033(XXXVII); Commission report on first, second, third and sixth sessions; Commission resolutions 33(III), 113(VI), 196(IX), 223(X), 225(X) and 265(XII); Report of the First African Electric Power Meeting (1963); Report of the Regional Conference on Petroleum Industry and Manpower Requirements in the Field of Hydrocarbons (1974).

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

Priority A

Work content:

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

(i) Advisory services, on request, on the expansion of existing solar energy centres, on the establishment of a multinational solar energy centre for Sahelian region, and other areas;

(ii) Assisting governments, on request, in evaluating the prospects of development of geothermal energy in appropriate areas of the region;

*(iii) Appraisal of the possibilities of developing such non-conventional sources of energy as tidal, wind and ocean thermal energy, bioconversion and more rational use of wood as a source of energy.

(b) Studies:

9.473.02* Study on the present status of solar and geothermal energy resources, their utilization and prospects in Africa (1976-1977).

Related programmes: Close collaboration with CNRETT, UNESCO, IAEA, UNDP, International Institute for Geothermal Research (Italy), and bilateral assistance agencies.

9.474 CARTOGRAPHY

D. DEVELOPMENT OF ESSENTIAL SERVICES

9.475 Development of national cartographic services

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

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

Priority A

Work content:

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

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

(ii) Establishment of common centres for services in surveying and mapping;

(iii) To assist countries, on request, in organizing 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 exhibition.

(b) Studies:

9.475.02 Survey of manpower requirements in the field of surveying and mapping (1976-1977);

9.475.03 Study on the status of hydrographic surveying and mapping with special reference to territorial waters and the continental shelf (1976-1977).

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

9.475.28 Seminar on new techniques in surveying and mapping (1977).

Related programmes: Close collaboration with United Nations Headquarters, ESCAP, OAU, UNESCO/ITC Training Centre for integrated surveys, IDRC, African Geological Association, IUG and IHA.

9.477 HUMAN ENVIRONMENT

C. DEVELOPMENT AND CONSERVATION OF PHYSICAL RESOURCES

9.478 Identification of major environmental problems in Africa and research into solutions thereof

Origin: Addis Ababa Seminar - Recommendation 36; Stockholm Recommendations 104(a), 95(d) and 53; General Assembly resolution 2997(XXIV); decisions of the Governing Council of UNEP; ECA resolutions 238(XI); 239(XI) and 280(XII).

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

Priority A

Work content:

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

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

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

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

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

(b) Studies:

9.478.02 To study the state of and outlook for the environment in Africa, based on national reports from individual member States (1976-1977);

9.478.03 To study and prepare reports on existing legislation for the improvement and protection of the human environment in African countries (1976-1977).

(c) Collection and dissemination of information:

9.478.20*

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

Related Programmes for the Sahel

Agriculture

(i) Sub-project 9.211.01(viii): Prospective Study of Agricultural Developments in the Sahel 1975-1990 (CILSS/RAF-706; in collaboration with UNSO).

(ii) Sub-project 9.212.01(vii): In collaboration with UNSO on CILSS-RAF-111 - Seed Production Programme in the Sahel (also in co-operation with UNDAT and SIDP).

(iii) Sub-project 9.215.05: In collaboration with UNSO, to study the establishment of Warehousing facilities for emergency and general storage in the Sahel (consistent with CILSS/MAU/110).

Education and Training

(iv) Sub-project 9.262.29(iv): In collaboration with UNSO and the Institute for the Sahel, initiate and develop training programmes for middle and higher technical personnel from the Sahel countries.

Industry

(v) Sub-project 9.352.01(a)(x): In providing advisory services including preliminary surveys on setting up production facilities of irrigation pumps and windmills, agricultural tools and implements with special reference to Sahelian region countries (in co-operation with UNSO and UNIDO) (1977).

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

9 480 POPULATION

A. BROAD ISSUES AND TECHNIQUES RELATIVE TO DEVELOPMENT

9 481 Relevant aspects of population policies and programmes within the framework of economic and social development

Origin: General Assembly resolution 2211(XVI); ECOSOC resolution 1347(XLV); ninth session of the Commission (report, E/4651, paras. 517-524); sixth Conference of African Statisticians (report, E/CN.14/CAS.6/27), Expert Group on Population (report, E/CN.14/POP/23); first and second sessions of Conference of African Demographers; first session Conference of Ministers (resolution 230(X)); second session Conference of Ministers and third session Conference of Ministers (resolution 273(XII)); the World Population Plan of Action

Project aim: To create increased awareness of the short-term and long-term issues relating to different aspects of population and population changes and assist African Governments in the formulation and implementation of effective population policies and programmes within the framework of planning for economic and social development.

Priority A

Work content:

9 481.01 (a) Assistance to countries and territories (1976-1977):

In formulating, implementing and evaluating national population policies and programmes as an integral part of and aid to economic and social development planning.

(b) Studies:

9 481.03 Study of the impact of changes in population growth structure and movements, etc., on economic and social development planning (1976-1977) (in collaboration with Socio-economic Research and Planning Division);

9 481.05 Studies on migration, urbanization and population distribution and their relationship to the economic and social development of the sending and receiving areas (1976-1977) (in collaboration with S.E.R.P. Division);

9 481.09 Comparative study of the administration and evaluation aspects of family planning programmes in Africa (1976-1977);

9 481.10 Study of the role of private international organizations in the implementation of family planning programmes and their impact in the region (1976).

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

9.481.26 National seminars on the role of population in economic and social development (1976-1977, two seminars per year).

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, Social Development and the Socio-economic Research and Planning Divisions of ECA.

9.482 Techniques relating to the demographic aspects of economic and social development

Origin: General Assembly resolution 2211(XII); ECOSOC resolution 1347(XLV); ninth session of the Commission (report, E/4651, paras. 517-524); sixth Conference of African Statisticians (report E/CN.14/CAS.6/27); Expert Group on Population (report E/CN.14/POP/23); first and second sessions of Conference of African Demographers; first session Conference of Ministers (resolution 230(X)); second session Conference of Ministers; and third session Conference of Ministers (resolution 273(XII)); the World Population Plan of Action.

Project aim: To develop test and apply techniques of demographic research in the African context; to evaluate factors accounting for demographic growth rates and structural change as aids to the design of socio-economic policies and to planning socio-economic development.

Priority A

Work content:

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

In defining the interrelations between population trends and socio-economic development; in conducting pertinent methodological studies; in designing, executing and analysing demographic surveys; in evaluating and adjusting data; and in implementing the recommendations of the World Population Plan of Action

(b) Studies:

9.482.02 Evaluation, adjustment and analysis of demographic data including preparation of population projections (1976-1977);

9.482.03 Studies on the types, volume and trends in migratory movements in Africa (1976-1977);

9.482.04 Studies on mortality including levels, trends, patterns and preparation of life tables (1976-1977);

9.482.05 Studies on the demographic aspects of labour force in Africa including trends in female participation rates (1977);

- 9 482.07 Study of international migration trends in selected countries (1977);
- 9 482.08 Studies on fertility levels, patterns, differentials, trends, the socio-cultural factors influencing them and their implications for development (1976-1977);
- 9 482.10 Study of sub-fertility and infertility in the Central African sub-region and their policy implications (1977);
- 9 482.11 Study of marriage in Africa, its changing patterns and relationship to fertility (1976-1977).
- (c) Collection and dissemination of information:
- 9 482.20 Demographic Handbook for Africa (1977);
- 9 482.21 African Population Studies Series (1976-1977);
- 9 482.22 Preparation of Bibliographies (1976-1977);
- 9 482.23 African Population Newsletter (1976-1977);
- 9 482.24 African Directory of Demographers (1976-1977);
- 9 482.25 Manual on demographic concepts and definitions suitable for Africa (1976-1977);
- 9 482.25(a) Consolidated list of experts working on population projects in Africa (1977);
- 9 482.25(b) Revision of the Manual of Demography for Middle and Intermediate Level Trainees (1976-1977)
- (d) Conferences, meetings, seminars and expert working groups (1976-1977):
- 9 482.26 Conference of African Demographers (1977);
- 9 482.27 Regional Inter-Agency Co-ordination Meetings on Population (1976);
- 9 482.28 Meeting of Non-United Nations Organizations interested in Population Work in Africa (1976);
- 9 482.30 Training course on the techniques of fertility analysis (1976-1977).

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, Social Development and the Socio-economic Research and Planning Divisions of ECA.

9 483

Regional training and research

Origin: General Assembly resolution 2211(XII); Commission terms of references; ninth session of the Commission (report, E/4651, para 522); sixth Conference of African Statisticians (report); Expert Group on Population (report); first session and second session of Conference of African Demographers; first session Conference of Ministers (resolution 230(X)); second session Conference of Ministers and third session Conference of Ministers (resolution 273(XII)).

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 (1976-1977):

In demographic training at national institutions; incorporating demography in the training programmes of economists, planners, doctors, nurses and other related professions; the maintenance of the regional demographic training and research institutions at Accra (for English-speaking countries) and Yaoundé (for French-speaking countries) and also partly for the Cairo Demographic Centre and in implementing the recommendation of the World Population Plan of Action on training.

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

9 483.26 Meeting of Directors of United Nations sponsored demographic training institutes and centres (1977).

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, the Social Development and the Economic Research and Planning Divisions of ECA, and the regional training institutes

9.500 PUBLIC ADMINISTRATION, MANAGEMENT AND FINANCE

9.501 Policies and planning for public administration and financial management

Origin: Commission resolutions 70(V), 172(VIII) and 202(IX); General Assembly resolutions 3201(S-VI) and 3202(S-VI).

Project aim: To evaluate government policies, structures and other institutional arrangements for the promotion of effective development administration, financial management and management of public enterprises;
To review programmes and policies specially designed to enhance the management capabilities of African countries within the context of the New International Economic Order as related to the effective management and control of natural resources and economic activities;
To evaluate administrative reform measures and new structures aimed at fostering multinational and sub-regional economic co-operation activities.

Priority A

Work content:

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

(i) Appraisal of the changing roles and functions of central governments, local authorities and of state institutions in the economic and social development of selected African countries;

(ii) Appraisal of policies and programmes for improved effectiveness and productivity in public administration and in the management of state enterprises;

(iii) Assistance in the harmonization of administrative policies and procedures and the development of special administrative measures for facilitating and supporting technical and economic co-operation within Africa and between African countries and other regions;

(iv) Disseminating information and preparing guideline manuals and other publications on administrative reforms and management improvement techniques in African and other third world countries;

(v) Advisory services in specific aspects of development administration and financial management.

(b) Studies:

9.501.02* Study on the need for objectives, design and programme requirements of the proposed African Centre for Advanced Public Policy Analysis and Strategic Studies (ACAPPASS) (1976);

- 9.501.03 Studies of governmental structures and organizations for coping with development functions: Evaluation studies of specific reforms in administrative structures, procedures, regulations and processes in central administrations of African countries (1977).
- (d) Conferences, meetings, seminars and expert working groups (1976-1977):
- 9.501.26* ECA/CAFRAD/AAPAM regional meeting of senior officials of African Governments on the administrative and management implications and requirements of the New International Economic Order (1976);
- 9.501.28 ECA/CAFRAD expert group meetings on specific areas of reform for effective development administration (1977);
- 9.501.29* ECA/AAPAM Regional Symposium for French-speaking African countries on the indigenization of African economies (1977);
- 9.501.31* Establishment of an African Centre for Advanced Public Policy Analysis and Strategic Studies:
- (i) Expert Group Meeting on the objectives and programme orientation of the Centre (1976);
- (ii) Promoting the establishment and development of the Centre (1977).
- Related programmes: Close collaboration with African Institutes of Public Administration, Management Development Centres, Administrative Staff Colleges and Universities, the United Nations Division of Public Administration and Finance, International Union of Local Authorities, CAFRAD, AAPAM and interested international and bilateral technical assistance agencies and with ECA Divisions.
- 9.502 Development, restructuring, strengthening and improvement of government administrative structures and institutions
- Origin: Commission resolutions 70(V), 110(VI), 172(VIII), 202(IX) and 274(XII); General Assembly resolutions 3201(S-VI) and 3202(S-VI)
- Project aim: To assist member Governments, through consultancy, advisory and technical services, in making their administrative structures, procedures and other institutional arrangements for economic and social development more efficient and effective, and in adopting new institutional and administrative provisions for the implementation of new policy measures for self-sustaining growth and development and for multinational economic co-operation;
- To assist and advise on the restructuring of local administrations to enable them serve as effective instruments in development planning and plan implementation within the context of their role in achieving integrated rural development and mass participation in national development effort.

Priority A

Work content:

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

(i) Advising on, and assisting with the establishment of national organizations for the continual renovation, restructuring and improvement in the operational effectiveness of existing central and local government structures and institutions;

(ii) Assist with reform measures in specific governmental structures and development institutions;

(iii) Disseminate information, undertake studies and organize study tours aimed at promoting reforms in national machinery for development administration;

(iv) Bring to the attention of member States the experiences of other third world countries in administrative reforms, operation of local administrations and innovative developments in setting up of new structures to cope with development tasks;

(v) Assist with the review of the effectiveness of development institutions and administrative arrangements for ensuring mass participation in development planning and plan implementation;

(vi) Advising on ways to ensure that administrative capability is taken into account in plan formulation and implementation

(b) Studies:

9.502.02* Evaluation studies on the feasibility of using Group Consultancy Services to improve efficiency and effectiveness in the management of public enterprises (1977);

9.502.03* Case studies of innovative developments in local government reforms in selected African countries in relation to its role in national development effort (1976-1977).

(c) Collection and dissemination of information:

9.502.20* Occasional report series on Administrative Reforms and Development Management in Africa (1976-1977).

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

9.502.26 Organized study tours for senior officials on administrative reform measures and their implementation in selected African countries (1976-1977).

Related programmes: Close collaboration with United Nations Division of Public Administration and Finance, CAFRAD, AAPAM, OCAM, specialized institutions, IIAP, IISA, IESTO, IAE and ECA Divisions

9 503 Development and management of public enterprises

Origin: Commission resolutions 110(VI), 172(VIII) and 202(IX); and General Assembly resolutions 3201(S-VI) and 3202(S-VI)

Project aim: To assist member States in the improvement of the structures and operations of public enterprises, development of effective management capability in these enterprises for the implementation of national development objectives, especially with regard to the implementation of basic industries and participation in the development of African multinational enterprises.

To promote the increasing use of modern management techniques in the operation and management of public enterprises to ensure that they maximize their objectives in relation to profitability, social contribution and promotion of development linkages

Priority A

Work content:

9 503.01 (a) Assistance to countries and territories (1976-1977):

(i) In identifying sources of assistance and facilitating the use of African and non-African consultancy, advisory and technical services in evaluating the structures and performance results, identifying constraints and suggesting ways to improve the management and operations of public enterprises and African multinational enterprises;

(ii) Providing professional support to training programmes designed to improve the performance capability of African managers in public enterprises;

(iii) Advising on ways to ensure improved accountability of public enterprises with minimal government interference of their business management;

(iv) Promoting the development of indigenous national and sub-regional consultancy organizations.

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

9 503 26* Regional meeting of Managing Directors on urgent technical and management problems facing public enterprises in Africa (1977);

9 503 28*

UNIDO/ECA programme for the training of nationals of African LDCs in the management of public enterprises (1976-1977):

(i) Individual training programmes in industrial and commercial undertakings;

(ii) National and multinational training workshops in the management of public enterprises.

Related programmes: Close collaboration with UNIDO, ILO, CATRAD, ECA Divisions and with African management training institutions.

9 504

Development and Management of Budgetary and Financial Systems

Origin: Commission resolutions 168(VIII), 218(X), 244(XI) and 256(XII); recommendations of the seminar on current problems and training needs in tax administration (E/CN.14/FISC/1).

Project aim: To enhance the financial management capacity of African countries through: (a) improvement of their budgetary systems and policies with a view to making the budget an efficient tool for decision-making in development planning and plan implementation; (b) reform, strengthening and enriching of their taxation systems, policies and administrations; and (c) improving the operational effectiveness of local financial institutions

Priority A

Work content:

9 504 01 (a) Assistance to countries and territories (1976-1977):

Providing advisory services, on request, on matters relating to improvement in budgetary and financial management, tax administration initiating studies and providing consultancy and advisory services to Governments and their agencies on the effective operation of financial institutions; and organizing training programmes for budgetary, financial and tax administration officials.

(b) Studies:

9 504 02* Development plan and development budget management (in collaboration with the Research Division) (1976-1977);

9 504 03 Innovative developments and improvements in budgetary systems and management:

(i) Comparative studies of improvements in budgetary systems and management in different African countries (1977);

(ii) Development of techniques and procedures for effective co-ordination of the budget and the plan at national and local government levels (1977).

- 9.504.04 Reforming and strengthening national tax systems:
- *(i) Case studies of different African countries' experiences in using the presumptive tax assessment techniques in taxing small traders and other categories of self-employed (1977);
 - *(ii) Study of the problem of tax evasion and the effectiveness of innovative measures for preventing tax evasion (1977).
 - (d) Conferences, meetings, seminars and expert working groups (1976-1977):
- 9.504.26 Sub-regional seminars on the plan and development budget harmonization and management (in collaboration with the Economic Planning and Research Division): West and Central Africa (1977);
- 9.504.27 Sub-regional and regional seminars on tax policy, legislation and administration in African countries (in collaboration with the ECA Research Division) (1977);
- 9.504.28 National training workshops on tax policy, legislation and administration for middle and higher level officials (in collaboration with the ECA Research Division) (1977)

Related programmes: Collaboration with United Nations Division of Public Administration and Finance, CAERAD, ADB, ECA Divisions, IBRD, IMF and other interested financial institutions

9.505 Training and Development of Personnel for Development Administration and Financial Management

Origin: Commission resolutions 110(VI), 172(VIII), 202(IX) and 274(XII); General Assembly resolutions 3201(S-VI) and 3202(S-VI)

Project aim: To assist member States in developing effective administrative and management capability for development planning and plan implementation, and in the effective control and management of their natural resources and other economic activities through the training of senior administrators, exchange of experiences, harmonization of training methods and programmes and establishment, development and strengthening of appropriate training institutions

Priority A

Work content:

- 9.505.01 (a) Assistance to countries and territories (1976-1977):
- (i) In organizing national and sub-regional orientation and executive development programmes in the field of administration and management, with focus on specific problem areas, especially management processes, financial management, personnel administration and local administration;

(ii) Encouraging and supporting national and sub-regional training institutions and universities to develop programmes for the teaching and qualifying of professionals in administration and management disciplines;

(iii) Promoting and supporting the objectives and activities of professional associations in administration and management, such as the African Association for Public Administration and Management (AAPAM);

(iv) Technical co-operation with African Public Administration and Management Development Institutions aimed at strengthening their capability and resources for personnel development and orientation to new challenges in the development process

(b) Studies:

9.505.02

Study of prevailing practices, programmes and methods of administrative training in Africa and ways to bring about a harmonized approach to administrative training in the various administrative systems of African countries (1976-1977).

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

9.505.26*

Sub-regional courses for Development Administrators on regional (sub-national) development administration and programme management (in collaboration with IULA, AAPAM, CAFRAD and ECA Research Division): East and Southern Africa (1977);

9.505.27*

Regional and sub-regional orientation seminars for senior administrators and top-level managers, in specific problem areas:

(i) Staff development, motivation and personnel administration (1976-1977);

(ii) Financial management (1976-1977).

9.505.28*

Regional meetings on harmonization of methods of administrative training in Africa (in collaboration with CAFRAD)(1977);

9.505.29*

Organization of attachment training programmes in development administration and project management for African officials, utilizing multilateral and bilateral technical co-operation and government sponsored development projects in Africa (1977);

9.505.30*

Promoting the establishment, strengthening and development of the following regional training programmes and institutions:

(i) Institute of Organization and Management Improvement (1977);

(ii) Sub-regional Institutes for Training and Research in International Business and Public Finance (in collaboration with Trade Division) (1976-1977);

2 505.31

Developing capability for effective management of procurement and supply services:

(i) On-the-spot country studies and review of the organizational and institutional arrangements, operating practices and techniques relating to various stages of procurement and supply management services in African countries and advice on ways to achieve improvements (1976-1977);

*(ii) Preparation of guideline manuals on standard procedures and practices for use in training officials responsible for procurement and supply management (1976-1977);

(iii) National and sub-regional training workshops in the techniques of procurement and supply management (1976-1977);

(iv) Regional expert group meeting on the development of training programmes and curricula for professional training in procurement and supply management (1977);

*(v) Meetings of the African Procurement and Supplies Association (in collaboration with Trade Division) (1976).

Related programmes: Close collaboration with the United Nations Division of Public Administration and Finance, CAFRAD, ILO, UNITAR, various technical assistance agencies, ECA Divisions, International Union of Local Authorities, ILAS, National Universities and Institutes of Public Administration, African Association for Public Administration and Management, and other national and regional professional associations

9.510 FISCAL, MONETARY AND FINANCIAL POLICIES AND INSTITUTIONS

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.513* Inter-African co-operation in fiscal, financial and monetary policies and banking

Origin: General Assembly resolution 3202(S-VI), ECA resolutions 30(III) and 37(V).

Project aim: To ensure the promotion of changes in the production structure and facilitate economic and financial co-operation in the region, serve as a means of providing institutional economies of scale, support inter-African trade and optimize the financial and monetary relations of the region with the outside world.

Priority A

Work content:

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

Providing secretarial services to the Association of African Central Banks. Advisory services to member States, on request, in the field of fiscal, monetary and banking co-operation.

(b) Studies:

9.513.02* Study on the establishment of subregional payments systems and the strengthening of existing arrangements (1976-1977);

9.513.05 Studies on the setting up of subregional development banks (1977) (in co-operation with the Socio-economic Research and Planning Division);

9.513.06* Studies on the setting up of an Inter-African Development Aid System (1976-1977) (in co-operation with the Socio-economic Research and Planning Division);

9.513.07* Study on a scheme of subregional co-operation in the management of monetary reserves and other short-term international assets (1977);

9.513.09 Review of the international monetary and financial situation and assessment of its implications for African countries (1977).

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

9.513.28 Meetings of the Association of African Central Banks (1976-1977);

9.513.29 Meetings of African Governors at the annual IMF/IBRD meetings to review and assess the international monetary and financial situation from the standpoint of African countries (1976-1977);

9.513.32* Expert working group to study a scheme of subregional co-operation in the management of monetary reserves and other short-term international assets (1977);

9.513.33* Expert group meeting on the setting up of an Inter-African Development Aid System (1977);

9.513.34* Meetings of the African Re-insurance Corporation (AFRICARE) (1976-1977);

9.513.35* Promoting the strengthening, establishment and development of subregional Institutes for Training and Research in International Business and Public Finance (1976-1977) - (In co-operation with the Public Administration, Management and Manpower Division).

Related programmes: Collaboration with appropriate ECA Divisions, African Development Bank, Association of African Central Banks, African Centre for Monetary Studies, IMF/IBRD/UNCTAD.

9.520 SCIENCE AND TECHNOLOGY

A. BROAD ISSUES AND TECHNIQUES RELATING TO DEVELOPMENT

9.521 Development of policies, machinery and capabilities for the transfer, adaptation and development of technology

Origin: ECOSOC resolutions 1083(XXXIX), 1900(LVII); Commission resolutions 206(IX) and 248(XI), UNCTAD resolution on strengthening the technological capacity of developing countries (Nairobi, May 1976); General Assembly resolutions 3362(S-VII) and 3507(XXX).

Project aim: To promote widespread recognition throughout the Region of the role of science and technology in establishing the New International Economic Order; to assist governments in formulating policies and developing institutions for deriving the optimum benefits from imported technology; to strengthen the capabilities of member States singly and collectively, for applying science and technology to development; to encourage collaboration among developing regions in the field of science and technology.

Priority A

Work content:

9.521.01 (a) Assistance to countries, territories and multinational groupings (1976-1977):

*(i) In the formulation of legislation and the establishment of machinery for regulating imports of technology;

*(ii) In providing measures and facilities for presenting R & D, technological innovation and diffusion with special reference to industrial development, agricultural transformation and integrated rural development;

(iii) In establishing machinery and developing methodologies determining and planning the scientific and technological component of national development plans, including technology contracts and licensing arrangements, forms and mechanisms of transfer, measures for R & D related to adaptation and development of technologies, institutions for innovation and diffusion;

*(iv) In the design and establishment of national and sub-regional centres for the transfer, adaptation and development of technology;

(v) In implementing the African Regional Plan;

(vi) Creation of an African informed public on science and technology and their application to development.

(b) Studies:

9.521.02* Review of legislation and machinery for the regulation of imports of technology (1977);

9.521.03 Survey of governmental machinery in selected African countries for policy-making and planning in science and technology (1977);

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

9.521.27 Seminar on methodologies and machinery for planning the science and technology component in national development plans (1977);

9.521.30* Meeting of plenipotentiaries on the establishment of an African Centre for the Transfer and Development of Technology (1977);

9.521.31* Technical working group on the establishment of a Regional Centre for the Transfer and Development of Technology (1976-1977);

9.521.32 Meetings of the Intergovernmental Committee of Experts for Science and Development in Africa (1976 and 1977);

9.521.33 Meeting of the African Regional Group of UNACAST (1977).

9.522 The development of manpower for science and technology

Origin: General Assembly resolution 2318(XVII); ECOSOC resolutions 1083(XXXIX) and 1155(XLI); Commission resolutions 158(VIII) and 238(XI).

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:

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

(i) To universities in creating centres for advanced training and mission-oriented research in selected fields of applied science and technology;

(ii) In promoting university/private sector co-operation in training and in R & D;

(iii) In the operation of industrial and other exchange schemes for enhancing the professional competence of the teaching staff at universities and institutes of technology;

(iv) In promoting co-operation between universities and R & D institutions on a national, multinational and multiregional basis.

(b) Studies:

- 9.522.02* Evaluation of facilities for education and training in selected specialisms in science and technology (1977);
- 9.522.04* Study of the role of the technical entrepreneur in technological invention, innovation and diffusion (1977) - In collaboration with the Divisions of Socio-economic Research and Planning and Human Resources.

Related programmes: Collaboration with UNESCO, ILO, OAU and co-operation with ECA Human Resources Development Division.

9.523 Promotion of regional and interregional co-operation in science and technology

Origin: ECOSOC resolution 1155(XLI); Commission resolutions 158(VIII) and 238(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:

- 9.523.01 (a) Assistance to countries, territories, multinational groupings and multiregional institutions:

(i) In the creation of the African Regional Standards Organization;

*(ii) In promoting subregional and regional tripartite conferences of R & D institutions, business associations and leaders and governments on R & D problems and prospects.

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

- 9.523.26 Convening of the preparatory meetings for the creation of the African Regional Standards Organization.

9.530 SOCIAL DEVELOPMENT

B. DEVELOPMENT AND UTILIZATION OF HUMAN RESOURCES

9.531 Social Policy, Planning and Research

Origin: General Assembly resolution 2460 (XXIII); Commission terms of reference; Commission resolutions 36 (XII), 88 (V) and recommendations of the 22nd session of the Social Development Commission.

Project aim: To analyse social trends and major social factors and problems as they relate to economic development in Africa with a view to assessing their implications for policy and action in promoting social, institutional and technological change;

To assist member States to strengthen national social policies and to integrate them with national development policies;

To co-operate with existing institutions and promote establishment of new ones to carry out research and training in matters affecting socio-economic factors in development;

To contribute to the United Nations and the Commission's periodic reports on the world and African social situation.

Priority A

Work content:

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

(i) To strengthen national social policies within the framework of their development plans, as basis for practical action in promoting a unified social, economic and technological development;

(ii) To render advisory services in social policy and planning, on request;

(iii) To give support to regional centres for training and research in social development and in integrated rural development;

(iv) To anticipate and cope successfully with social factors which affect urbanization and industrialization, including social prerequisites, obstacles, and social consequences; and the essential social action and services needed to facilitate industrial progress.

(b) Studies:

9.531.02*

Study of social aspects of urbanization and industrialization in selected African urban centres in which agglomerations have occurred as a result of industrialization (1976-1977);

Note: The study will focus on: peculiar patterns of agglomeration; demographic characteristics of the traditional and modern sectors and of the labour force; social and institutional change and their effect on the industrial process; social incentives, and inducements to resist change; consequences of industrial promotion activities; migration and urbanization patterns, problems of housing (including those created by the existence of shanty towns around industrial zones), health, nutrition and family welfare; and analysis of measures to cope with them.

9.531.03

Review of social trends and major social development problems, as a basis for the social situation in the ECA "Survey of Economic and Social Conditions in Africa", and ECA's contribution to the United Nations Reports on the World Social Situation (1976-1977);

9.531.05*

Study of the effect of the mass media on rural and urban communication, and its relevance as a strategy to social transformation of the respective segments of the population (1977);

9.531.09*

Study of social aspects of tourism (in collaboration with Transport and Tourism Division) (1976-1977).

(c) Collection and dissemination of information:

9.531.20

"Social Welfare Services in Africa Series" (1976-1977);

9.531.21

Handbook on health for rural social workers (1976-1977);

9.531.22

Establishment of the African Research and Training Centre for Social Development (1976-1977).

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

9.531.26

Second Conference of African Ministers of Social Affairs (1977);

9.531.27

Establishment and meetings of advisory groups on standardization of social welfare training and certification in Africa (in collaboration with ASWEA) (1976-1977);

Related programmes: Collaboration with United Nations specialized agencies, UNICEF, WHO, research and training institutions, universities, and relevant ECA Divisions.

9.532 Integrated Rural Development

Origin: Commission terms of reference and resolution 197(IX); Commission resolutions 238(XI), 248(XI); recommendations of the Regional Conference on the integrated approach to rural development in Africa (1969) and the Symposium on Rural Development in Africa in the 1970s (1971); African Regional Plan for the application of Science and Technology to Development.

Project aim: (a) To popularize and encourage the adoption of the multidisciplinary and **interdisciplinary** approach to rural development;

(b) To stimulate action by member States in the development and improvement of rural life and institutions including: social aspects of rural resettlement and land reform measures, rural water supplies, agricultural extension, health and nutrition extension, credit facilities for production, small-scale industries, access to market centres, mass communication, mobilization of rural manpower and popular participation in local development programmes, co-operatives and marketing systems, and other rural institutions likely to increase the capacity and income of rural families;

(c) To assist member States in the planning, organization, administration and evaluation of programmes of integrated rural development;

(d) To promote the co-ordination of the work of the Commission with that of various international agencies, including United Nations agencies and voluntary agencies, concerned with aspects of rural development;

(e) To re-activate the meetings and activities of the Regional Inter-Agency Committee on Rural Development.

Priority A

Work content:

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

Provide advisory and technical assistance, on request, to member States and voluntary agencies in integrated rural development projects, and in the planning, organization, administration, etc., of their respective rural development programmes.

(b) Studies:

9.532.02 Country case studies and comparative evaluation of the policy, planning, organization, administration and financing of rural development programmes in Africa; and the examination of current models (package systems, "Ujamaa" villages, "Self-reliant" zonal development systems, "growth poles" etc.) adopted by member States in their rural development planning and programming (Phase II: 1976-1977).

9.532.03

Studies, on request, relating to identification and formulation, field management and evaluation of rural development projects sponsored (or to be sponsored) in the region by international voluntary agencies (1976-1977) - in collaboration with international voluntary agencies and with the Joint ECA/FAO Agriculture Division and the Joint ECA/UNIDO Industry Division

9.532.04

Survey of methods in identification, development, testing, promotion and securing acceptance of improved social and material technology and other innovative systems, relating to: agricultural activity, agro-industries (small-scale), home and health improvement schemes, farm to market transportation systems and common rural services (1976-1977, in three phases of two years each) - joint activity with ECA Divisions of Agriculture, Industry, Natural Resources and ATRCW.

(c) Collection and dissemination of information:

9.532.20

Quarterly publication of "Rural Development Newsletter" (1976-1977);

9.532.21

Publication of revised editions of "Directory of International Voluntary Agencies Activities" (Third Edition in 1977):

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

9.532.26

Meetings of Regional Inter-Agency Committee on Rural Development (1977);

9.532.27

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

9.532.28

Workshop on the application of village technology for increasing productivity (1977) - to be organized in co-operation with the Village Technology Committee of ECA.

Related Programmes in Integrated Rural Development

Agriculture

- (i) Sub-project 9.213.01(iii): Establishment and expansion of programmes for zonal or integrated agricultural institutional development;

Industry

- (ii) Sub-project 9.334.01(i): The development of central policies and machinery for dealing with small-scale and rural industries in the context of integrated rural development;
- (iii) Sub-project 9.334.01(ii): The design of decentralized support services and institutions for promoting rural industries;

- (iv) Sub-project 9.334.01(iii): Designing training programmes for rural industry development;
- (v) Sub-project 9.334.01(iv): The design and development of technology data banks for rural industries.

Manpower Training and Research

- (vi) Sub-project 9.213.01(viii): Establishment of regional or sub-regional small-farm development centres;
- (vii) Sub-project 9.531.01(iii): To give support to regional centres for training and research in integrated rural development;
- (viii) Sub-project 9.291.01(i): Establishment of administrative and executive physical planning units for rural development and their effective co-ordination with and integration into other agencies responsible for social and economic planning;
- (ix) Sub-project 9.291.01(iv): Assistance in designing training programmes for middle level technicians and planners for human settlements in integrated rural development programmes.

Technology

- (x) Sub-project 9.536.01(ii): Pilot projects on village technologies for farm and home, small business, rural day care.

Infrastructure

- (xi) Sub-project 9.472.01(i): Appraisal of technical, social and economic factors affecting the development of energy supply and use in rural areas;
- (xii) Sub-project 9.472.01(ii): Advisory services, on request, for small-scale production, distribution and expansion of use of electrical energy in rural areas;
- (xiii) Sub-project 9.291.01(iii): Assistance in evaluating the infrastructural requirements for projects on human settlements connected with integrated rural development.

Social Amenities

- (xiv) Sub-project 2.291.01(i): Formulation and implementation of national human settlements policies and programmes;
- (xv) Sub-project 9.293.01: Establishment of co-operative housing projects with special emphasis on site and service schemes, and improvement of rural dwellings and community facilities.

(b) Studies

- (i) Sub-project 9.245.02: Comparative analysis of the effectiveness of fiscal and monetary policies in promoting development in a number of African countries with special reference to integrated rural development (1977);

Agriculture

- (ii) Sub-project 9.213.02: Analytical studies on the conception, planning and implementation of various types of integrated agricultural institutional development programmes with a view to providing guidelines for effective implementation and expansion of such programmes (1976-1977);
- (iii) Sub-project 9.213.03: Integration of livestock production into the farming systems and the sociological effects of such changes on the community (1976-1977).

Manpower Training and Research

- (iv) Sub-project 9.441.02(ii): Case studies of experiences in mobilizing and training manpower for rural development projects (1977);
- (v) Sub-project 9.501.03(ii): Evaluation study on the effectiveness and adequacy of existing administrative structures in African countries in effectively coping with such functions and services as rural development (1977);
- (vi) Sub-project 9.551.02: Studies, on the subregional basis, of existing facilities for manpower development in transport systems analysis and design, transport economics and management and automotive technology with a view to strengthening such facilities or designing additional institutions (i.e. for advancing transport technology in Africa) with particular emphasis upon integrated rural development programmes (1976-1977).

Technology

- (vii) Sub-project 9.532.04: Survey of methods in identification, development, testing, promotion and securing acceptance of improved village technology and other innovative systems relating to: agricultural activity, agro-industries (small-scale), home improvement schemes, farm to market transportation systems and common rural services (1976-1977 in three phases of two years each);
- (viii) Sub-project 9.294.04: Case studies on policies, institutional facilities and programmes for research in building and construction with special reference to integrated rural development (1976).

Infrastructure

- (ix) Sub-project 9.551.11: Studies on rural roads (1976-1977);

Social Services

- (x) Sub-project 9.556.03: Rural women as food producers: the impact of modernization and development programmes (1976-1977);

Fiscal, monetary and financial issues

- (xi) Sub-project 9.245.02: Comparative analysis of the effectiveness of fiscal and monetary policies in promoting development in a number of African countries with special reference to integrated rural development (1977);

Development analysis and planning

- (xii) Sub-project 9.242.04: Review and evaluation of the role of integrated rural development programmes in promoting development and change (1976);

Human Settlements

- (xiii) Sub-project 9.291.05: Study of the feasibility of establishing a Regional Institute for Comparative Research and Training in Integrated Rural Development and Physical Planning (1977);
- (xiv) Sub-project 9.294.04: Case studies on policies, institutional facilities and programmes for research and standardization in building and construction with special reference to integrated rural development (1976).

- (c) Collection and dissemination of information:

- (i) Sub-project 9.536.22: Manual for rural (women) trainers, including nutrition/population, home management, social planning and research, communications, village technologies for farm and home (1977).

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

General

- (i) Sub-project 9.536.27: National (women) training workshops on specific needs on request, i.e. food storage and preservation, small business, organization of co-operatives, communications and programme planning, marketing;

Manpower Training and Research

- (ii) Sub-project 9.261.27: Regional symposia on the development of non-formal education in Africa with regard to manpower for rural development (1977);

Infrastructure

- (iii) Sub-project 9.551.26: Seminar on the role of rural roads and problems of their design, construction and maintenance in accordance with programmes in agriculture, regional planning and human settlements (1977);
- (iv) Sub-project 9.551.33: Seminars and workshops on rural roads: These will be organized, as appropriate, to permit exchange of experiences and views among member States in the areas of planning, study, construction and maintenance of rural roads - In collaboration with the Divisions of Agriculture, Socio-economic Research and Planning, Social Development and Industry (1977);

Human Settlements

- (v) Sub-project 9.291.28: Training workshops in physical planning with special reference to controlled urban development and to integrated rural development (1976-1977).

Related programmes: Collaboration with the United Nations specialized agencies, UNDP, FAO, UNESCO, ILO, UNICEF, WHO, International Voluntary Agencies, PAID, Swiss Technical Co-operation, Joint ECA/FAO Agriculture Division, Joint ECA/UNIDO Industry Division, the ECA Population Division and ATRCN.

9.533 Youth and National Development

Origin: Commission resolution 170(VIII); Policy Statement of the ECA on Youth Work, 1966; General Assembly resolutions 2497(XXIV) and 3022(XXVII).

Project aim: (a) Formulation of guidelines to assist governments in promoting and developing youth policies and programmes particularly those aimed at increasing employment opportunities;

(b) Promotion and co-ordination of youth organizations and associations for development at national and regional levels.

Priority A

Work content:

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

To strengthen national youth policies, administration and institutions; promote co-operation among youth associations and groups at the regional level, and formulate guidelines to assist governments in promoting and developing employment-oriented policies and programmes, especially those aimed at social integration and economic opportunities.

(b) Studies:

9.533.02* Survey of youth policies, programmes and training requirements in Africa (1976-1977);

9.533.03* Study of the organization and functioning of national youth service schemes and their impact on development (1977).

(c) Collection and dissemination of information:

9.553.20* Establishment of a clearing house and co-ordination of research on youth (as part of the regional training and research centre)(1977);

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

9.533.26* Promotion of youth leadership training institutions (1977).

Related programmes: Collaboration with UNICEF, ASWEA, ATRON, ECA Population Division and UNFPA.

9.534 Welfare and social integration

Origin: Commission resolutions 88(V) and 119(VI); Report of the Workshop on the Extension of Family and Child Welfare Services within Community Development Programmes (E/CN.14/79).

Project aim: (a) Formulation of guidelines to assist governments in promoting and developing social welfare and programmes particularly in family welfare and better family living;
(b) Planning and promotion of welfare programmes for all segments of the population.

Work content:

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

To render advisory services, on request, to member States, particularly in the planning, organization and integration of family and child welfare programmes with overall national development policy, and development of national welfare institutions.

(b) Studies:

- 9.534.02* Study of attitudes of rural families towards family size and acceptance of family planning (1976-1977);
- 9.534.03* Country case studies of the social and welfare aspects of abortion programmes in family planning (1977);
- 9.534.04 Study of patterns of Family and Child Welfare policies, organization and administration in Africa. (Review and second edition of 66.II.K.5) (1977);

Related programmes: Collaboration with ECA Population Division and UNFPA, WHO, UNESCO, ILO, IPPF and IASSW.

9.535 Establishment of national and regional machineries for the integration of women in development

Origin: ECOSOC Resolutions 961 F (XXVI) and 1209 (XLII); General Assembly Resolution 3520 (XXX); ECA Conference of Ministers Resolution 269 (XII); Africa Plan of Action for the Integration of Women in Development (Addis Ababa, 1974); Resolution 14, World Conference of International Women's Year.

Project aim: To assist member States in establishing national and regional machineries for the integration of women in development.

Priority A

Work content:

- 9.535.01 (a) Assistance to countries and territories (1976-1977):
- (i) Team visits to conduct 3-day seminars and to advise on the establishment or strengthening of national machineries;
 - (ii) Advisory services to newly established commissions and bureaux on research, planning and implementation of projects, on request.
- (b) Studies:
- 9.535.02* Research on indicators of women's integration in development as tools for measuring the effectiveness for action programmes (1976-1977);
- 9.535.03* Studies of legal position of women in Africa with a view to promoting their greater participation in socio-economic progress (1976-1977);
- 9.535.04* Studies on attitudes affecting the full integration of women as a basis for programmes to accelerate their further participation in development (1977).

(c) Collection and dissemination of information:

- 9.535.20 "African Women" newsletter issued three times a year (1976-1977);
- 9.535.21 Reports of seminars on national machineries (1976-1977);
- 9.535.22* Monographs on national studies on indicators, legal position of women, and attitudes (1977).

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

- 9.535.26* Regional seminars for policy makers/heads of national commissions to exchange experiences and set up the Africa Regional Advisory Committee (1976).

Related programmes: Collaboration with UN Headquarters (Centre for Social Development and Humanitarian Affairs, Commission on the Status of Women) and national commissions as appropriate, ECA Statistics Division and the Socio-economic Research and Planning Division.

9.536 Formal and non-formal training of women

Origin: General Assembly Resolution 3523(XXX); ECA Conference of Ministers resolution 269(XII).

Project aim: To assist member States in developing skills and increasing job opportunities for girls and women; to enable women to play a full role within the new international economic order and to constitute a vital force in integrated rural development - In association with activities in projects 9.213, 9.261.02 and 9.261.27.

Priority A

Work content:

- 9.536.01 (a) Assistance to countries and territories (1976-1977):
- (i) Advisory services for curriculum development, project planning, production of handbooks for trainers and trainees;
 - (ii) Pilot projects on village technologies for farm and home, small business, rural day care;
 - (iii) Internships at the Centre for a few trainers and planners of programmes.

(b) Studies:

- 9.536.02* Needs, suitability, acceptability and adaptation of village technologies (1976-1977);
- 9.536.03* Rural women as food producers: the impact of modernization and development programmes (1976-1977) - in association with activities in sections 9.214 and 9.215;
- 9.536.04* Country studies on the position of women in wage employment: conditions and attitudes affecting them (1977) - in association with activities in sections 9.334 and 9.440;
- 9.536.05 Updating country reports on opportunities for women in development (1976-1977);
- 9.536.07* Women's participation in co-operatives and loan associations (1977);
- 9.536.08* Workload of rural women (1977).

(c) Collection and dissemination of information:

- 9.536.20 Reports of national rural development workshops;
- 9.536.21 Country reports;
- 9.536.22* Manuals for rural trainers, including nutrition materials and child health and family size, home management, social planning and research, communications, village technologists for farm and home (1977).

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

- 9.536.26 Itinerant national training workshops for trainers and planners in programmes to improve the quality of rural life (1976-1977);
- 9.536.27* National training workshops and study tours on specific needs, i.e., food storage and preservation, small business, organization of co-operatives, communications and programme planning, marketing, family health and child spacing, and other relevant subjects, on request (1976-1977);
- 9.536.28* Regional seminar on the position of and training courses or workshops on specific needs of African liberation movement women (1977):
- 9.536.29 Regional conference on the organization and statutes of the African Training and Research Centre for Women (1976).

Related programmes: Collaboration with UN Headquarters (Centre for Social Development and Humanitarian Affairs), UNDP, UNICEF, UNFPA, UN specialized agencies, OAU, donor governments, voluntary agencies, as appropriate; Joint ECA/FAO Agriculture Division; Public Administration, Management and Manpower Division; Joint ECA/UNIDO Industry Division, the ECA Population Division and the Socio-economic Research and Planning Division.

9.537 Sharing of knowledge and skills between women in the region, member States, UN and voluntary agencies, and other international organizations

Origin: Resolution 14, World Conference of International Women's Year; General Assembly Resolution 3520(XXX); World Plan of Action 1975; Africa Plan of Action for the Integration of Women in Development 1974.

Project aim: To assist member States in mobilizing the services of skilled individual women to assist other women in their own countries, and in other member countries of ECA as requested.

Priority A

Work content:

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

 (i) Organization of the African Women's Volunteer Task Force between countries;

 (ii) Support for organization of national task forces.

(b) Studies:

9.537.02* Skills most needed in individual countries (1976-1977).

(c) Collection and dissemination of information:

9.537.20 Specific demands for assistance and ways of meeting these demands through the exchange of skills between countries of the region;

9.537.21 Reports on international volunteer experiences and on national self-help efforts.

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

Related programmes: Collaboration with national commissions on women and development, and other national groups as appropriate, OAU, UN and specialized agencies, ZONTA International and other voluntary organizations.

9.540.00 STATISTICS

Origin: General Assembly resolution 2211(XII); ECOSOC resolution 37(LVII) noting annual report of ECA; sessions 9, 10, 11, 12 of the Commission; ECA Executive Committee and Technical Committee of Experts; Conference of African Statisticians.

Project aim: To develop and co-ordinate statistical services in the African region to meet the growing data requirements for administration, industry, policy formulation and planning for economic and social development;

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

9.541.00 General aspects of co-ordination and development

10 Servicing the tenth (1977) session of the Conference of African Statisticians;

20 Continuing review of statistical organization problems in the region, preparation of periodic reports, with supporting action as necessary;

30 Biennial publication of the Directory of African Statisticians and the Bibliography of African Statistical Publications and periodic publication of the Statistical Newsletter;

40 Maintenance of an inventory of electronic data processing equipment, related staff resources and applications for the region and the circulation of periodic summaries and evaluations Study on methods and practices of record keeping (1977);

50* Co-ordination of data bank activities The data bank is expected to include an extensive documentation reference service

9.542.00 Training

10 Support to national and regional statistical training centres and the provision of biennial reports on African statistical training;

20 Working Group on Statistical Training Needs in Africa (1976) and follow-up action in collaboration with the UN Statistical Office, UNDP, etc.

9.543.00 National accounts, finance and prices

- 10 Assistance to countries in applying the revised UN System of National Accounts (SNA) and in developing related basic series;
 - 11 Provision of regional advisory services in national accounts;
 - 12 Preparation of chapters as a supplement to the United Nations National Accounts Manual (1976-1977), to amplify some aspects of the international recommendations in the light of regional conditions;
 - 13 Organization of short training courses for African professional national accounting personnel: English-speaking (1976), French-speaking (1977);
 - 14 Senior-level workshops or seminars on aspects of the SNA requiring special attention: fixed capital formation and construction statistics (1977);
- 9.543.20 Development of a data base of African national accounts, external transactions, finance and price statistics, using secretariat estimates where necessary; continuing project co-ordinated with other relevant activities of the UN data system;
- 30 Statistical operations and studies in areas of special importance or weakness;
 - 31 Purchasing power parities of African currencies; continuing project in collaboration with the International Comparison Study. Extension of existing work in consumers' goods to producers' goods (1977);
 - 32* Development of a co-ordinated system of African price statistics at producer, wholesale, local purchaser, export and world market levels; continuing project in collaboration with the UN Statistical Office. Inputs will be price data regularly available from African countries, additional information collected for 9.543.31 and for selected primary commodities. Preparation of reports: African price movements in relation to those of other regions (1976). The project is also relevant to the establishment of current sectoral deflators for African national accounts and other series;
 - 33 External transactions statistics: analytical report (1977);
 - 34 Public sector reports: Public finance, statistics (annual), financing of investments (1977);
 - 35 Private income and consumption; patterns of private consumption expenditure (1976);
 - 36 Examination of statistical relationships between economic aggregates for the improvement of national accounts estimates; continuing project.

9.544.00

External Trade Statistics

10

Assistance in improving the coverage and timeliness of national trade statistics Analytical report on methods and practices in the region (1977);

20

Compilation of quarterly data for the periodical publication of Foreign Trade Statistics for Africa, Series A, direction of total trade;

30

Processing of annual commodity trade statistics for individual countries in standardized value and quantity units, in collaboration with the UN Statistical Office Utilization of these records in developing an external trade data base Publication twice a year of Foreign Trade Statistics for Africa, Series B, trade by commodity and by country;

40

Preparation of special tabulations, etc., to assist the development of African trade, with particular reference to intra-African trade and terms of trade. Periodic publication of Foreign Trade Statistics for Africa, Series C, summary tables.

9.545.00

Industrial Statistics

10

Assistance to individual countries in applying the international recommendations for industrial statistics and in improving the coverage and timeliness of these data;

20

Development of a data base for general annual industrial statistics and annual and monthly commodity production in the fields of mining, manufacturing, construction and the production of electricity, gas and water The data base will include energy balance sheets;

30

Continuing statistical studies on productivity, structure and development of manufacturing in Africa, capital output ratios, local processing of raw materials for export, relationship between production and trade in African manufactured products

9.546.00

Other economic statistics

10

Agriculture: Establishment of a data base incorporating selected FAO and other material. Statistical study on production and trade in agricultural commodities (1977);

20

Transport and communication: Development of a data base and assistance to countries in collaboration with the UN Statistical Office and other agencies. Organization of a working group on transport statistics (1976);

30

Tourism: Development of a data base Methodological study (1977);

40 Distribution: Initial seminar on development prospects
(1977);

50 Preparation of the African Statistical Yearbook, the annual
African Economic Indicators and the periodic Statistical and Economic
Information Bulletin for Africa;

9 547.00 Demographic and social statistics

10 Support to the African Census Programme and development of
the follow-up African Household Surveys Programme (which will also
cover related economic data);

20 Other advisory services in demographic and social
statistics;

30 Methodological studies: migration statistics (1976), methods
and problems of the 1970 round of African population censuses (1976),
civil registration (1977);

50 Development of an African demographic and social statistics
data base;

60 Development of statistics on children and youth in
collaboration with UNICEF (1977).

9 548.00 African Census Programme

10 Advisory services in the planning and conduct of national
censuses of population;

20 On-site training of local technicians by regional advisers;

30 Co-ordination of regional activities of the African Census
Programme with UN Headquarters objectives and with individual
country projects;

40 Methodological studies: data collection and tabulation
procedures (1976); evaluation of special techniques for the enumeration
of nomadic populations (1976), evaluation and analysis of collection
data (1976-1977);

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

60 Working groups: recommendations for the 1980 round of
population and housing censuses in Africa (1977).

9.550 TRANSPORT, COMMUNICATIONS AND TOURISM

D. DEVELOPMENT OF ESSENTIAL SERVICES

9.551 Planning and development of African transport

Origin: General Assembly resolutions 2626(XXV); ECOSOC resolutions 935(XXV), 1082(XXXIX), 1202(XLII), 1804(LV); Commission resolutions 161(VIII), 195(IX), 198(IX), 263(XII) and 277(XII).

Project aim: Assistance to governments in the promotion of national and multinational policies and in providing appropriate machinery for their implementation together with planning and institutional arrangements for implementing transport development programmes consonant with the wider economic needs and plans of the countries concerned, priority being given where appropriate to the special transport problems of least-developed, land-locked and island countries in independent Africa.

Priority A

Work content:

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

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

(ii) Special and specific assistance on Combined Transport Arrangements to the permanent intergovernmental machinery in each subregion in collaboration with all ECA Divisions in respect of:

- Policy-making and planning techniques for intermodal transport systems with particular reference to the transport of raw materials, semi-processed and other heavy or bulk products for both extra and intra-African trade;
- The planning and co-ordination of multinational projects awaiting approval;
- The development of cohesive policies in respect of services associated with commodity movement including contractual arrangements, forwarding and clearing services, cargo insurance and underwriting, cargo credit financing, commodity movement, storage and warehousing, sampling, etc., in multimodal transport operations;

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

*- The establishment of subregional transport facilitation groups for the simplification of documentary and other procedures between trading partners (in liaison with the ECA International Trade and Finance Division and with other Regional Economic Commissions).

(iii) Assistance to other multinational transport institutions: the Union of African Railways; Port Management Associations; and in co-operation with the African Civil Aviation Commission; and the permanent transport machinery in each subregion;

*(iv) In the establishment of African Transport Users Consultative and Advisory Councils at national level, co-ordinated by the permanent transport machinery in each subregion, embracing inter alia existing Shippers Councils (in collaboration with the International Trade and Finance Division of ECA);

(v) In the development of national and multinational shipping lines including coastal and island shipping lines;

*(vi) In the establishment of Regional Maritime Training Institute (Ghana) RAF/75/008; Regional Maritime Academy (Ivory Coast) RAF/75/National Maritime College (Nigeria) NIR/74/012; Harmonize and Unify Curricula and teaching methods for all grades of statutory Certificate of Competency, all in the effort to develop and co-ordinate training in maritime management; sea-going personnel and shore-based personnel, develop and manage the technical aspects of African Merchant Marines (in collaboration with UNCTAD and other UN and bilateral agencies);

*(vii) In port development in Africa including technical services concerning pilotage such as minimum requirements for qualifications and experience of candidates for pilotage services; regional survey and assistance to navigation aids; training port labour and labour supervisory staff; setting up sub-regional Marine Pollution Control Centres and economic aspects connected therewith (in collaboration with IMCO);

*(viii) In the development of the African fishing industry including requirements for the type, stability, safety, standardization and loading of vessels and preservation and distribution of fish (in collaboration with IMCO and FAO);

*(ix) In the development of multinational airfreight services including the special considerations of land-locked, least developed and island countries (in collaboration with African Civil Aviation Commission).

(b) Studies:

9.551.02*

Studies on a subregional basis, of existing facilities for manpower development in transport systems analysis and design, transport economics and management and automotive technology with a view to strengthening such facilities or designing additional institutions (i.e. for advancing transport technology in Africa) with particular emphasis upon integrated rural development programmes in collaboration with all ECA Divisions) (1976-1977);

9.551.03

Establishment of permanent machinery for co-ordination of transport policies on a subregional basis - in Central Africa (1976), North Africa (1976) and in Eastern Africa (1977) (West Africa is catered for within ECOWAS) taking special account of the urgent need for co-ordination between maritime and contiguous land-locked countries and transit countries (in collaboration with UNSO);

9.551.04*

Establishment of sub-regional data banks for the East, North, West and Central African shipping ranges within the subregional permanent transport machinery (in collaboration with Statistics Division) (1976-1977);

9.551.06

Inland water transport development: studies on the utilization of inland water transport and the improvement of waterways including reviews of the status of intergovernmental machinery, international agreements, river shipping operations, skimmer systems, administrative arrangements and manpower : Eastern Africa (1976-1977); (in collaboration with Natural Resources Division);

9.551.08*

Studies leading to the establishment of shipping investigation units in West, Central, East and North Africa; (in collaboration with International Trade and Finance and Statistics Division); (1976-1977);

9.551.11

Studies on rural roads: Some of these studies will deal with methods of planning, financing and managing of rural roads and techniques of building, upgrading and maintaining them with emphasis on the possibilities of using local manpower and materials; others will be more specific to the socio-economic and rural development and will be executed in collaboration with ECA Divisions of Agriculture, Socio-economic Research and Planning, Social Development and Industry (1976-1977).

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

9.551.26

Seminar on the role of rural roads, and problems of their design, construction and maintenance in accordance with programmes in Agriculture, Regional Planning and Human Settlements (1977);

9.551.28*

Expert working group on Standardization of Transport Equipment in Africa (1977);

9.551.29* Seminar on organization of automotive repair and maintenance facilities in developing countries (1977);

9.551.30 Seminar on technology of Materials Handling in Africa (1977);

9.551.31* Expert working groups on specific physical transit and facilitation problems between land-locked countries and their associated maritime states including consideration of improvements in transport and storage and associated services relating to lower transport costs for land-locked countries (1976-1977);

9.551.32 Ports and harbours development: Seminar on port Management and Operations (USSR) (1976-1977);

9.551.33 Seminars and workshops on rural roads: These will be organized as appropriate, to permit exchange of experiences and views among member States in the areas of planning, study, construction and maintenance of rural roads - In collaboration with the divisions of Agriculture, Socio-economic Research and Planning, Social Development and Industry (1977).

9.552

Shipping

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

9.552.01*

Assistance to countries in preliminary investigations into transport aspects of trade development among developing regions including in particular the transport characteristics of commodities, the design and type of vessels required for use by African shipping lines serving her present and potential trading partners in the following trades:

(i) Africa/Latin America - "South Atlantic Trade"

(ii) Africa/South East Asia - "Far East Trade"

- Transport market research will be undertaken (in collaboration with International Trade and Finance Division) and will include commodity characteristics, flow patterns between designated ports, volume and potential volume, cargo planning and management.

- Assessment of available technologies and their applicability of specific trade routes.

- Co-ordination of plans for trade and transport between developing countries through joint consultation with other regional economic commissions - ECLA and ESCAP.

9.553 Civil aviation (air freight)

9.553.01* (a) Assistance to countries and territories (1976-1977):

Assistance to countries, in collaboration with International Trade and Finance Division in preliminary investigations into air freight aspects of trade development between developing countries including in particular: (i) the evaluation of air freight potential on selected routes intercontinentally, (ii) investigation of methods to increase utilization of capacity of both air and ground facilities on the routes selected. Specifically to exploit foreign markets capable to absorbing African agricultural, horticultural, mineral and certain finished products.

- Initially, potential trade routes to be studied will include:

- (i) Africa - Indian sub-continent, China, South-East Asia,
- (ii) Africa - Middle East and Gulf States, (iii) Africa - Latin America.

The possibility of establishing multi-national air freight operations will be examined as part of initial studies.

Related programmes: Transport, by reason of its broad-spectrum application as a 'service' to Trade, Industry and Agriculture, as well as its wide socio-economic ramifications, implies close and continuous collaboration with many other ECA Divisions and with the concerned government departments. This inter-Divisional collaboration is indicated where appropriate throughout the text. Additionally, there is close collaboration between ECA and OAU, UNDP, UNSO, IMCO, UNIDO, IBRD, FAO, ADB, UAR, AFCAC, UNCTAD, ICAO, ILO, WHO, the Port Management Associations of West and Central, Eastern and North Africa and ECOWAS.

9.554 International roads and road transport

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

Project aim: To promote the development of international roads and road transport and to improve the techniques of road planning, design, construction and maintenance as part of a regional system of intermodal linkages.

Priority A

Work content:

- 9.554.01 (a) Assistance to countries and territories (1976-1977):
- (i) Development of international roads and road transport with a view to improving intercountry road links;
 - (ii) Promotion of the ratification of or accession to the revised (Vienna, 1968) United Nations Convention on road traffic and the Protocol on road signs and signals with special reference to international roads and road transport;
 - (iii) Inventory of road research facilities with a view to strengthening existing ones and developing additional road research centres, and maximization of the application of research results in the design, construction and maintenance of roads;
 - (iv) Standardization of basic road and road transport statistics;
 - (v) Identification of training needs and assistance in organizing training programmes, seminars and study tours;
 - (vi) Development of adequate road infrastructure for the international traffic of land-locked States;
 - (vii) Development of modern highway administration management;
 - (viii) Establishment of an African Road Technical Documentation Centre;
 - (ix) Follow up on implementation of specific recommendations, e.g. the recommendations and proposals of the study on the non-physical barriers to travel and trade along the Mombasa-Lagos Trans-African Highway;
 - (x) Ad hoc assistance and advisory services upon request.

(b) Studies:

Trans-African Highway (Mombasa-Lagos)

9.554.02 Feasibility and pre-investment studies of selected sections of the Mombasa-Lagos Trans-African Highway and follow-up action (1976-1977).

The feasibility studies of the following sections are now underway and they are expected to be completed as indicated below:

Zaire : Kasindi-Kisangani (814 km.; 1977)
Zaire : Kisangani-Bangassou (718 km.; 1976)
Cameroon : Tibati-Foumban (326 km.; 1976)
Cameroon : Bamenda-Ekok (225 km.; 1976)

During the period 1976-1977 it is planned to finalize all the necessary feasibility studies and to prepare special reports for negotiations with co-operating industrialized countries and financing institutions with a view to securing finance for the required engineering designs and/or construction works on the aforementioned four sections as well as on the Bangassou-Sibut (554 km.) and Bangui-Bossembélé (157 km.) in CAR, and Garoua Boulai-Meidougou (98 km.) in Cameroon.

9.554.03 Follow-up on the establishment of a Trans-African Highway Authority and Road Fund (1976-1977).

The Trans-African Highway Co-ordinating Committee has agreed in principle on the establishment of an Authority for the Mombasa-Lagos Highway. The follow-up study will include the preparation of the necessary protocol agreements and the establishment and financing of the permanent secretariat of the Authority, including the appointment of its Director-General. (The proposed Authority will be a legal entity and will be empowered to obtain loans and enter into contracts on behalf of the Governments of its member States. The Authority will administer the Highway and ensure its constant maintenance, guarantee its development and adopt measures conducive to making the rules relating to the movement of goods and persons along the Highway simpler and more uniform).

9.554.04 Follow-up on the study of the non-physical barriers to travel and trade on the Trans-African Highway (1976-1977).

The study on the legal and administrative barriers impeding the movement of persons and goods along the Trans-African Highway has made salient recommendations and proposals which have been accepted by the TAH Co-ordinating Committee. The follow-up will include an action oriented programme for removing the existing obstacles of legal and administrative nature with a view to facilitating travel and trade on the Mombasa-Lagos Highway.

9.554.05

Feasibility and pre-investment studies of selected sections of the feeder roads to the Trans-African Highway (1976-1977).

Feasibility and engineering studies of selected sections of the feeder roads to the TAH will be carried out. Special reports will also be prepared for negotiation with co-operating industrialized countries and financing institutions with a view to securing finance for the required studies and/or construction works.

Trans-West African Highway Network

9.554.06

Feasibility and pre-investment studies of selected sections of the Dakar-Ndjamena Highway and its extension to the Red Sea (Ndjamena-Massawa) (1976-1977).

Feasibility and engineering studies will be carried out on selected sections of the Dakar-Ndjamena Highway, including its extension towards the Red Sea. Special reports will also be prepared for negotiation with co-operating industrialized countries and financing agencies with a view to securing finance for the required studies and/or construction works.

9.554.07

Feasibility and pre-investment studies of selected sections of the Lagos-Nouakchott Highway and its extension towards the Mediterranean Sea (Nouakchott-Rabat) (1976-1977).

Since both Guinea and Guinea-Bissau were not represented at the first meeting of the Trans-West African Highway Network, held in January 1974 in Niamey, the routing of the alignment of the Lagos-Nouakchott Highway in these two countries still will have to be determined. Feasibility and engineering studies will be carried out on selected sections of the Highway, including its extension towards the Mediterranean Sea. Special reports will also be prepared for negotiation with co-operating industrialized countries and financing agencies with a view to securing finance for the required studies and/or construction works.

9.554.08

Feasibility and pre-investment studies of selected sections of feeder roads to the Trans-West African Highways (1976-1977).

Feasibility and engineering studies will be carried out on selected sections of the feeder roads to the Dakar-Ndjamena and Lagos-Nouakchott Highways. Special reports will also be prepared for negotiation with co-operating industrialized countries and financing agencies with a view to securing finance for the required studies and/or construction works.

9.554.09*

Study of the non-physical barriers to travel and trade on the Trans-West African Highway Network (1976-1977).

A study on the legal and administrative barriers impeding the movement of persons and goods along the Trans-West African Highway Network will be carried out. This will be followed by an action oriented programme for removing the existing non-physical barriers with a view to facilitating travel and trade along the Highway Network.

9.554.10*

Study on the establishment of a Trans-African Highway Authority and a Road Fund for the Trans-West African Highway Network (1976-1977).

A study on the establishment of a Trans-West African Highway Network Authority and Road Fund will be carried out. (The proposed Authority will be a legal entity and will be empowered to obtain loans on behalf of the Governments of its member States. The Authority will ensure constant maintenance of the network and adopt measures to facilitate international road traffic).

Trans-East African Highway (Cairo-Gaborone)

9.554.11

Studies of selected sections of the Trans-East African Highway (Cairo-Gaborone) (1976-1977).

A preliminary study on the current status of the Trans-East African Highway (Cairo-Gaborone) will be carried out with a view to identifying the sub-standard sections of the Highway and the type of further studies and/or construction works required on them. This will be followed by detailed feasibility and engineering studies on selected sections of the Highway. Special reports will also be prepared for negotiation with co-operating industrialized countries and financing agencies with a view to securing finance for the required studies and construction works. A Co-ordinating Committee will be established for the co-ordinated planning, construction, maintenance and operation of the Highway.

9.554.12

Studies of selected sections of feeder roads to the Trans-East African Highway (1976-1977).

Feasibility and engineering studies will be carried out on selected sections of the feeder roads to the Trans-East African Highway. Special reports will be prepared for negotiation with co-operating industrialized countries and financing institutions with a view to securing finance for the required studies and construction works.

9.554.13*

Study of the non-physical barriers to travel and trade on the Trans-East African Highway (1977).

A study on the legal and administrative barriers impeding the movement of persons and goods along the Trans-East African Highway (Cairo-Gaborone) will be carried out. This will be followed by an action oriented programme for removing the existing non-physical obstacles with a view to facilitating travel and trade along the Highway.

Trans-Central African Highway (Tripoli-Kinshasa)

9.554.14*

Studies of selected sections of the Trans-Central African Highway (Tripoli-Kinshasa) and its feeder roads (1977).

Pre-feasibility, feasibility and engineering studies will be carried out on selected sections of the Trans-Central African Highway (Tripoli-Kinshasa) and its feeder roads. Special reports will be prepared with a view to mobilizing financial and technical resources necessary for the implementation of the project.

General

9.554.15* Preparation of an African Road Network Plan (1976-1977);

The aim of the project is to provide, taking into account combined transport, an African Road Network Plan as a basis for planning the development, stage by stage, of intercountry road links of all weather standard with a view to promoting the economic integration of the region. To this end the Plan would: give precise definition of the current status of the intercountry road links; identify the studies and works required to bring the roads to all-weather standard; compute the technical and financial resources required for the realization of the road links; and determine priorities for a phased investment programme. The plan will be made available to prospective financing institutions and bilateral and multilateral agencies;

9.554.16* Study on current inter-state road freight transport regulations and controls in Africa with a view to making recommendations for their harmonization and simplification (1977);

9.554.17* A study on the current design standards in selected African countries with a view to adopting minimum design standards for international roads and bridges (1976-1977);

9.554.18* Case studies of labour intensive highway construction projects (1976-1977);

9.554.19* Studies on road construction, maintenance and other transport costs with special reference to the long distance movement of bulk freights (1977);

9.554.21* Preparation of maps and guidebooks for facilitating and promoting international road traffic (1976-1977).

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

9.554.26 Meeting of the Mombasa-Lagos Trans-African Highway Co-ordinating Committee (1976-1977);

The Trans-African Highway Co-ordinating Committee should meet at least once a year, but extraordinary meetings can be convened if the need arises, in accordance with its rules of procedures;

9.554.27 Meeting of the Trans-West African Highway Network Co-ordinating Committee (1976-1977). Article 5 of the Terms of Reference of the Committee stipulates that the Committee should meet at least once a year, but extraordinary meetings can be convened if the need arises;

- 9.554.28 Meeting of the Cairo-Gaborone Trans-East African Highway Co-ordinating Committee (1976-1977);

It is envisaged to convene a meeting in 1976 to establish a Committee for the co-ordinated planning, construction, maintenance and operation of the Trans-East African Highway. The Co-ordinating Committee, when established, will meet at least once a year, but extraordinary meetings can be convened if the need arises.

- 9.554.30 Meeting between the Trans-African Highways Bureau and industrialized countries (1976-1977);

The aim of this meeting is to determine assistance from industrialized countries and financing agencies for the different Trans-African Highways;

- 9.554.31 Second Symposium on Highway Engineering in Africa (1977):
The first symposium on Highway Engineering in Africa was held at Addis Ababa from 23 to 30 April 1974. The Symposium provided a forum where experience of highway design, construction and maintenance as well as the results of research on highway engineering were presented and discussed. The Symposium recommended, among other things, the organization of a similar Symposium in future;

- 9.554.32 Inaugural meeting of proposed African Highway Association (1976):

The first meeting of the Interim Committee set up to study the establishment of an African Highway Association was held at Addis Ababa from 19 to 20 November 1973 under the auspices of ECA and OAU (see E/CN.14/TRANS/107). The Committee adopted the draft Constitution but deferred the discussion on the establishment and financing of the permanent secretariat of the African Highway Association until the inaugural meeting to be convened during the Third African Highway Conference at Bangui, Central African Republic, which has now been scheduled to be held from 24-30 October 1976 in Abidjan, Ivory Coast;

Related programmes: Close collaboration with United Nations Centre for Natural Resources, Energy and Transport, ADB, IBRD, UNDP, OAU, ECA Divisions and Co-operating countries and financing agencies.

9.555 Development of Tourism

Origin: Commission Resolution 204(IX).

Project aim: To promote and guide the development of tourism in the region and assist Governments in establishing machinery for the promotion of multinational tourism.

Priority A

Work content:

9.555.01 (a) Assistance to countries and group of countries (1976-1977):

(i) Advisory services upon request of member States or groups of states, in formulating policies for the development of tourism (including social cost/benefit or evaluations), in preparation of tourism development programmes in preparation or appraisal of feasibility studies, introduction of tourism statistics and staff training, organization of marketing, travel promotion, professional training, etc.;

(ii) Collection and distribution of essential information for shaping a realistic and sound tourism policy of the member States such as tourism statistics of African countries, advanced information on the main overseas travel markets, marketing channels, effective media for travel promotion, wholesalers specialized in international holiday travel, hotel chains: interested in business with Africa, hotel management firms, tourism research bureaux, potential sources of external finance of tourism projects, hotel development programmes in African countries and their implementation, etc.;

(iii) In the development of tourism including social cost/benefit evaluation (in collaboration with Social Development Division).

(b) Studies:

9.555.02 Study of tourism development in West Africa including the identification of areas of co-operation among West African countries in travel promotion, marketing, investment incentives, professional training, hotel development and hotel management, air transport policy and simplification of frontier, and road transport facilities (1976);

9.555.03 Studies on tourism potentialities of developing island countries of the region (1977);

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

9.555.26 International Working Group in West Africa as a follow-up of the study 9.553.02 (1977);

9.555.29 National workshops on the introduction of tourism statistics in the least developed countries (1977).

Related programmes: ECA Transport, Statistics, Natural Resources Division, IBRD, FAO, ILO, UNIO, OAU, EAC.

9.556 Communications: Development of telecommunications

Origin: General Assembly resolution 2733(XIV) and Commission resolution 106(VI), 162(VIII), 278(XII), 279(XII) and 281(XII).

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

Priority A

Work content:

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

Assisting in manpower development, in surveying and evaluation of existing telecommunications facilities, project identification design and project implementation, in the implementation of the Pan-African Telecommunication Network, in establishing an African Telecommunication Union, and in upgrading effectiveness of existing Regional organizations in the Telecommunications field.

(b) Studies:

9.556.02 Survey of manpower requirements in the telecommunication services of the Region (1976-1977);

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

9.556.06 Continuing studies on a Regional Satellite Broadcasting System and its establishment (1976-1977);

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

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

9.556.27 Meeting on satellite broadcasting for education and development (1976-1977);

Related programmes: Close collaboration with OAU, UNESCO, ITU, ADB, URTWA and other ECA Divisions.

9.557 Communications: Improvement of postal services

Origin: Commission resolution 124(VI) and 202(IX).

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

Priority A

Work content:

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

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

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

9.557.26 Subregional training on routing and mail tariffs (1977):

Related programmes: Close collaboration with UPU, UNDP, other technical assistance agencies and African Postal Organizations.

SPECIAL PROGRAMMES IN INTEGRATED RURAL DEVELOPMENT

- Origin:** Commission terms of reference and resolution 197(IX); Commission resolutions 238(XI), 248(XI); recommendations of the Regional Conference on the integrated approach to rural development in Africa (1969) and the Symposium on Rural Development in Africa in the 1970s (1971); African Regional Plan for the Application of Science and Technology to Development.
- Project aim:**
- (a) To popularize and encourage the adoption of the multidisciplinary and interdisciplinary approach to rural development;
 - (b) To stimulate action by member States in the development and improvement of rural life and institutions including: social aspects of rural resettlement and land reform measures, rural water supplies, agricultural extension, health and nutrition extension, credit facilities for production, small-scale industries, access to market centres, mass communication, mobilization of rural manpower and popular participation in local development programmes, co-operatives and marketing systems, and other rural institutions likely to increase the capacity and income of rural families;
 - (c) To assist member States in the planning, organization, administration and evaluation of programmes of integrated rural development;
 - (d) To promote the co-ordination of the work of the Commission with that of various international agencies, including United Nations agencies and voluntary agencies, concerned with aspects of rural development;
 - (e) To re-activate the meetings and activities of the Regional Inter-Agency Committee on Rural Development.
- Work content:**
- (a) Assistance to countries and territories (1976-1977):

General

- (i) 9.532.01: Provide advisory service and technical assistance, on request, to member States and voluntary agencies in integrated rural development projects, and in the planning, organization, administration, etc., of their respective rural development programmes (in collaboration with the UN specialized agencies, UNICEF, International Voluntary Agencies, and PAID).

Agriculture

- (ii) Sub-project 9.213.01(iii): Establishment and expansion of programmes for zonal or integrated agricultural institutional development;

Industry

- (iii) Sub-project 9.334.01(i): The development of central policies and machinery for dealing with small-scale and rural industries in the context of integrated rural development;
- (iv) Sub-project 9.334.01(ii): The design of decentralized support services and institutions for promoting rural industries;
- (v) Sub-project 9.334.01(iii): Designing training programmes for rural industry development;
- (vi) Sub-project 9.334.01(iv): The design and development of technology data banks for rural industries.

Manpower Training and Research

- (vii) Sub-project 9.213.01(viii): Establishment of regional or sub-regional small-farm development centres;
- (viii) Sub-project 9.531.01(iii): To give support to regional centres for training and research in integrated rural development;
- (ix) Sub-project 9.291.01(i): Establishment of administrative and executive physical planning units for rural development and their effective co-ordination with, and integration into other agencies responsible for social and economic planning;
- (x) Sub-project 9.291.01(iv): Assistance in designing training programmes for middle level technicians and planners for human settlements in integrated rural development programmes.

Technology

- (xi) Sub-project 9.536.01(ii): Pilot projects on village technologies for farm and home, small business, rural day care.

Infrastructure

- (xii) Sub-project 9.472.01(i): Appraisal of technical, social and economic factors affecting the development of energy supply and use in rural areas;

- (xiii) Sub-project 9.472.01(ii): Advisory services, on request, for small-scale production, distribution and expansion of use of electrical energy in rural areas;
- (xiv) Sub-project 9.291.01(iii): Assistance in evaluating the infrastructural requirements for projects on human settlements connected with integrated rural development.

Social Amenities

- (xv) Sub-project 9.291.01(i): Formulation and implementation of national human settlements policies and programmes;
- (xvi) Sub-project 9.293.01: Establishment of co-operative housing projects with special emphasis on site and service schemes, and improvement of rural dwellings and community facilities.

(b) Studies:

General

- (i) Sub-project 9.532.02: Country case studies and comparative evaluation of the policy, planning, organization, administration and financing of rural development programmes in Africa, and the examination of current models (package system, "Ujamaa" villages, "self-reliant" zonal development systems, "growth poles", etc.) adopted by member States in their rural development planning and programming (Phase II: 1976-1978) (in collaboration with UN agencies and with national institutes and universities);
- (ii) Sub-project 9.532.03: Studies, on request, relating to identification and formulation, field management and evaluation of rural development projects sponsored (or to be sponsored) in the Region by international voluntary agencies (in co-operation with the voluntary agencies) (1976-1977);
- (iii) Sub-project 9.245.02: Comparative analysis of the effectiveness of fiscal and monetary policies in promoting development in a number of African countries with special reference to integrated rural development.

Agriculture

- (iv) Sub-project 9.213.02: Analytical studies on the conception, planning and implementation of various types of integrated agricultural institutional development programmes with a view to providing guidelines for effective implementation and expansion of such programmes (1976-1977);
- (v) Sub-project 9.213.03: Integration of livestock production into the farming systems and the sociological effects of such changes on the community (1976-1977).

Manpower Training and Research

- (vi) Sub-project 9.441.02(ii): Case studies of experiences in mobilizing and training manpower for rural development projects (1977);
- (vii) Sub-project 9.501.03: Evaluation study on the effectiveness and adequacy of existing administrative structures in African countries in effectively coping with such functions and services as rural development (1977);
- (viii) Sub-project 9.551.02: Studies, on the subregional basis, of existing facilities for manpower development in transport systems analysis and design, transport economics and management and automotive technology with a view to strengthening such facilities or designing additional institutions (i.e. for advancing transport technology in Africa) with particular emphasis upon integrated rural development programmes (1976-1977);

Technology

- (ix) Sub-project 9.532.04: Survey of methods in identification, development, testing, promotion and securing acceptance of improved village technology and other innovative systems relating to: agricultural activity, agro-industries (small-scale), home improvement schemes, farm to market transportation systems and common rural services (1976-1977, in three phases of two years each);
- (x) Sub-project 9.294.04: Case studies on policies, institutional facilities and programmes for research in building and construction with special reference to integrated rural development (1976);

Infrastructure

- (xi) Sub-project 9.551.11: Studies on rural roads (1976-1977);

Social Services

- (xii) Sub-project 9.536.03: Rural women as food producers: the impact of modernization and development programmes (1976-1977);

Fiscal, monetary and financial issues

- (xiii) Sub-project 9.245.02: Comparative analysis of the effectiveness of fiscal and monetary policies in promoting development in a number of African countries, with special reference to integrated rural development (1977);

Development Analysis and Planning

- (xiv) Sub-project 9.242.04: Review and evaluation of the role of integrated rural development programmes in promoting development and change (1976);

Human Settlements

- (xv) Sub-project 9.291.05: Study of the feasibility of establishing a Regional Institute for Comparative Research Training in Integrated Rural Development and Physical Planning (1977);
- (xvi) Sub-project 9.294.04: Case studies on policies, institutional facilities and programmes for research and standardization in building and construction with special reference to integrated rural development;

(c) Collection and dissemination of information:

- (i) Sub-project 9.532.22: Half-yearly publication of "Rural Development Newsletter" (1976-1977);
- (ii) Sub-project 9.532.21: Publication of revised editions of "Directory of International Voluntary Agencies' Activities" (Third Edition in 1977);
- (iii) Sub-project 9.536.22: Manual for rural (women) trainers, including nutrition/population, home management, social planning and research, communications, village technologies for farm and home;

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

General

- (i) Sub-project 9.536.27: National (women) training workshops on specific needs on request, i.e. food storage and preservation, small business, organization of co-operatives, communications and programme planning, marketing (1976-1977);

Manpower Training and Research

- (ii) Sub-project 9.261.27: Regional symposia on the development of non-formal education in Africa with regard to manpower for rural development (1977);

Technology

- (iii) Sub-project 9.532.27: Workshop on the application of village technology for increasing productivity (1977);

Infrastructure

- (iv) Sub-project 9.551.26: Seminar on the role of rural roads and problems of their design, construction and maintenance in accordance with programmes in agriculture, regional planning and human settlements (1977);
- (v) Sub-project 9.551.33: Seminars and workshops on rural roads: These will be organized, as appropriate, to permit exchange of experiences and views among member States in the areas of planning, study, construction and maintenance of rural roads - in collaboration with the Divisions of Agriculture, Socio-economic Research and Planning, Social Development and Industry (1977);

Human Settlements

- (vi) Sub-project 9.291.28: Training workshops in physical planning with special reference to controlled urban development and to integrated rural development (1976-1977).

Related programmes: Collaboration with the United Nations specialized agencies, UNICEF, WHO, International Voluntary Agencies, PAID and Swiss Technical Co-operation.

SPECIAL PROGRAMME FOR LEAST DEVELOPED COUNTRIES

Origin: General Assembly resolutions 2564(XXIV), 2626(XXV) on the International Development Strategy, 2803(XXVI) and 3202(S-VI) on the Programme of Action for the Establishment of the New International Economic Order; UNCTAD Resolutions 24(II), 62(III) and 63(III); Commission report of the tenth session; Commission Resolutions 210(IX), 222(X), 232(X) and 218(X) and 238(XI) on Africa's Strategy for Development in the 1970s.

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:

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

- (i) Sub-project 9.244.01(i): Conducting missions on request from the Governments in collaboration with the UNDATs to identify the special problems of the least developed countries;
- (ii) Sub-project 9.244.01(ii): Providing advisory services to Governments on request in formulating proposals and recommendations on measures for overcoming specific impediments to their socio-economic development;
- (iii) Sub-project 9.246.01(iii): Identification, design and development of multinational measures and projects at subregional levels in favour of least developed countries, especially in the development of common resources, production trade arrangements, complementarity in food production, local processing of raw materials and long-term purchase agreements (in collaboration with appropriate Divisions);
- (iv) Sub-project 9.264.01(iv): Assistance in organizing in-service training programmes at ECA Headquarters for African economists, statisticians and related professions with priority for the least-developed countries;
- (v) Sub-project 9.264.01(v): Assistance to countries in co-ordinating operational research programmes of students and research fellows for attachment training with priority for the least developed countries;
- (vi) Sub-project 9.551.01(v): Assistance in the development of multinational airfreight services including the special considerations of land-locked, least developed and island countries (in collaboration with African Civil Aviation Commission).

(b) Studies:

- (i) Sub-project 9.244.02: Biennial survey of the development problems of the least developed African countries, as part of the Annual Survey of Economic and Social Conditions in Africa (1976-1977);
 - (ii) Sub-project 9.244.03: Continuous in-depth study of the economic and social circumstances of the least developed African countries (1976-1977);
 - (iii) Sub-project 9.342.05: Studies on problems of transit trade, with special reference to land-locked countries (in co-operation with the Socio-economic Research and Planning Division) (1976-1977).
- (d) Conferences, meetings, seminars and expert working groups (1976-1977):

Sub-project 9.551.31: Expert working groups on specific physical transit and facilitation problems between land-locked countries and their associated maritime states including consideration of improvements in transport and storage and associated services relating to lower transport costs for land-locked countries (1976-1977).

Related programmes: The programme component will be executed in collaboration with UNCTAD and OAU.

SPECIAL PROGRAMME FOR THE SAHEL

Agriculture

- (i) Sub-project 9.211.01(viii): Prospective Study of Agricultural Developments in the Sahel 1975-1990 (CILSS/RAF-706; in collaboration with UNSO);
- (ii) Sub-project 9.212.01(vii): In collaboration with UNSO on CILSS-RAF-111-Seed Production Programme in the Sahel (also in co-operation with UNDAT and SIDP);
- (iii) Sub-project 9.215.05: In collaboration with UNSO, to study the establishment of warehousing facilities for emergency and general storage in the Sahel (consistent with CILSS/MAU/110);

Education and Training

- (iv) Sub-project 9.262.29(iv): In collaboration with UNSO and the Institute for the Sahel, initiate and develop training programmes for middle and higher level technical personnel from the Sahel countries (1976-1977);

Industry

- (v) Sub-project 9.332.01(a)(x): In providing advisory services including preliminary surveys on setting up production facilities of irrigation pumps and windmills agricultural tools and implements with special reference to Sahelian region countries (in co-operation with UNSO and UNIDO).