

AUGLÝSING

um samkomulag milli ríkisstjórna Norðurlanda og ríkisstjórnar Mozambique um þróunaraðstoð á sviði landbúnaðar.

Hinn 7. nóvember 1977 var gert í Maputo samkomulag milli ríkisstjórna Danmerkur, Finnlands, Íslands, Noregs og Svíþjóðar og ríkisstjórnar Alþýðulýðveldisins Mozambique um þróunaraðstoð á sviði landbúnaðar.

Samkomulagið tekur gildi hinn 1. janúar 1978, sbr. nánar XI. grein.

Samkomulagið ásamt tveimur viðaukum er birt sem fylgiskjal með auglýsingu þessari.

Þetta er hér með gert almenningi kunnugt.

Utanríkisráðuneytið, Reykjavík, 29. desember 1977.

Einar Ágústsson.

Henrik Sv. Björnsson.

Fylgiskjal.

AGREEMENT

**between the Governments of Denmark, Finland, Iceland, Norway and Sweden
and the Government of the People's Republic of Mozambique.**

The Governments of Denmark, Finland, Iceland, Norway and Sweden (hereinafter referred to as the Nordic Governments) on the one hand, and the Government of the People's Republic of Mozambique (hereinafter referred to as the Mozambique Government) on the other hand, desirous of starting cooperation for social and economic development in Mozambique, have agreed as follows.

Article I

Scope of the Agreement

The main objective of the Agreement is to assist the Mozambique Government in its efforts to develop rural areas in Mozambique. To meet this objective, support will be given to a number of projects within the agricultural sector in principal accordance with a programme description attached in Annex I, and such revisions as may be agreed upon between the parties, for "Mozambique-Nordic Agricultural Programme, MONAP" (hereinafter referred to as the Programme). The specific objectives for the Programme are mainly to support the Mozambique Government in:

- strengthening the overall planning capacity of the agricultural sector,
- creating training institutions for agriculture and livestock technicians, for workshop managers, for mechanics and drivers, and for land use planners,
- organising a national system for seed production,
- restructuring the production of vegetables and citrus fruits,
- maintaining and improving livestock production, including the use of animal traction,
- establishing forest plantations,

- introducing inland fish-cultivation and fishery,
- reorganizing supply of agricultural inputs and marketing of crops,
- improving mechanical services including spare parts supply,
- training national staff within the agricultural sector at all levels.

Article II

The Contribution

1. The Nordic Governments shall make available funds and personnel to the Mozambique Government for the period January 1, 1978—December 31, 1980, to an aggregate value not exceeding fifty million US dollars (US \$ 50 000 000) to be used for the Programme.
2. For each year allocations shall be made in accordance with a budgetary plan to be agreed upon by the parties.

Article III

Delegation of Competence and Administration

1. The Mozambique Ministry of Agriculture (hereinafter referred to as the Ministry) and the Nordic Board for Development Projects (hereinafter referred to as the Board), shall be competent to represent the two parties in the implementation of this Agreement. However, the Mozambique Ministry of Development and Economic Planning shall be competent representative regarding requests for and receipts of funds made available under this Agreement.
2. On behalf of the Board, the Swedish International Development Authority, SIDA, shall be responsible for the administration of the Nordic support.
3. The Ministry shall be responsible for the planning and implementation of the projects.
A coordinator for the Programme shall be appointed by the parties.
4. Costs, related to the SIDA administration, as agreed by the parties and stated in the annual budgetary plan, shall be financed out of the Contribution mentioned in Article II.

Article IV

FAO Services

1. The Mozambique Government may agree with FAO that FAO shall provide services to certain projects supported by the Programme. The services may include recruitment and administration of personnel, procurement and technical services.
2. Any such agreement between the Mozambique Government and FAO shall be made in consultation with SIDA.

Article V

Personnel

1. Personnel within the Programme may be recruited and contracted by SIDA, by the Ministry or on the basis of Article IV above.
SIDA undertakes to assist the Ministry in its recruitment of personnel in Portugal.
The contractor, either SIDA or the Ministry, shall in each case bear the costs of salaries and allowances, international passages to and from Mozambique, social security and related benefits, including leave.

2. With regard to personnel to be recruited and contracted by SIDA, the parties shall agree on numbers and functions of such personnel. The procedures and further obligations of the parties in regard of SIDA contracted personnel shall be as set forth in Annex II.
3. In case of amendments to provisions in respect of personnel set forth in Article V and Annex II of the General Agreement on Terms and Procedures, dated March 19, 1976, between the Swedish Government and the Mozambique Government, such amendments shall, if the parties not otherwise agree, be applied to the corresponding provisions of this Agreement, if any.

Article VI

Supplies and Equipment

1. The Ministry shall be responsible for the procurement within the Programme. Upon request SIDA shall assist the Ministry with a) information on suitable sources of supply in Nordic countries, b) purchase on the Ministry's behalf.
2. The Mozambique Government shall seek to ensure that purchases are made from the most competitive source of supply. Procurement shall, whenever practicable, be based on formal international competitive bidding or quotations in accordance with generally accepted principles.

However, this does not interfere with the right of Mozambique to give preference to domestic manufacturers, in accordance with adopted provisions, through protective customs duties or otherwise.

Article VII

Technical Services

Regarding technical services within the Programme, the Ministry shall be responsible for the procurement and contracting of services from consultancy firms, as well as contracts between institutions in Mozambique and in other countries. However, if the Ministry so requires, SIDA may procure the services or assist the Ministry in its procurement.

Article VIII

Disbursement of Funds

1. A plan for disbursements to be made during the forthcoming year, elaborated by the Ministry in consultation with SIDA, shall be agreed upon by the parties before December 15 each year. During the consultation, SIDA shall supply the Ministry with indicative figures for expenditures foreseen for the three items personnel, consultancy services and procurement.
2. By January 1 and July 1, SIDA shall make semi-annual disbursements to the Mozambique Government. However, direct disbursements to FAO and suppliers of goods and services for the Programme, may be made currently by SIDA if the Mozambique Government so requires.
3. The semi-annual disbursement shall be based on a request by the Mozambique Government to be submitted to SIDA before the beginning of each six month's period.
4. The Mozambique Government guarantees that any funds brought into Mozambique in connection with the implementation of this Agreement shall be freely and immediately transferable into convertible currencies.

Article IX**Reporting**

1. Before March 1 and September 1 respectively, the Ministry shall submit to SIDA, with a copy to FAO, semi-annual reports including information on a) the progress of the Programme, analysis of problems concerning its implementation and a proposal for a Programme budget for the forthcoming period, b) the progress of each project and, c) total expenditure for the Programme as well as for each project.
2. Before February 1 and August 1 respectively, SIDA shall submit to the Ministry semi-annual financial reports on expenditures incurred.

These financial reports shall, for each project, specify the costs for personnel, consultancy services and procurement.

Article X**Reviews and Evaluation of the Programme**

1. The parties shall have semi-annual consultations in March and September in order to prepare, on the basis of the above mentioned reports, for adjustment of plans and budgets for the projects and the Programme regarding the following period.
2. The parties shall agree on a plan for the evaluation of the Programme. A mid-term evaluation shall be carried out during 1979.

Article XI**Entry into Force and Duration**

This Agreement shall enter into force provisionally on January 1, 1978, and definitely after the fulfilment of such constitutional requirements as may be necessary in the countries whose governments are parties to this Agreement. Notification regarding fulfilment of such requirements shall be given through diplomatic channels to all other government parties to this Agreement. Following notification of fulfilment of the requirements mentioned above, this Agreement shall remain in force until June 30, 1981.

The Agreement may be terminated by either party upon the serving of written notice on the other. Such notice shall be served not later than three months before the end of the annual budget period and the Agreement shall terminate at the expiry of the budget period in which such notice is served. Such written notice shall, however, not be served until consultations to that effect have taken place between the parties. If notice is served less than three months before the end of the budget period, this Agreement shall remain in force until the expiry of the next following budget period.

Done in two original texts in English in Maputo on 7th November 1977.

For the Governments of Denmark,
Finland, Iceland, Norway and
Sweden

For the Government of the People's
Republic of Mozambique

Annex I

MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME**PLANT PRODUCTION**

- CR-1 Seed Production
- CR-3 Vegetables Maputo and Manica
- CR-4 Citrus Manica
- IR-2/3 Irrigation Beira/Buzi

LIVESTOCK**General**

- LI-2 Tse-tse control
- LI-4 Livestock centres
- LI-7 Bush control
- LI-13 Veterinary institute

Milk production

- LI-5 Milk Chimoio
- LI-8 Milk Chowke

Beef production

- LI-6 Beef Buzi
- LI-9 Beef Chimoio
- LI-10 Beef Mabalane
- LI-12 Beef Changalane

FORESTRY

- FO-1 Afforestation Manica
- FO-2 Fuelwood Maputo

FISHERY

- FI-1 Inland fishery

SERVICES

- MI-1 Marketing-input supply
- ME-1 Tools and implements
- ME-2 Agro-service activities
- ME-3 Spare parts
- TR-2 Tete mechanical school

MISCELLANEOUS

- TR-1 Umbeluzi training centre
- TR-3 Natural resources
- GE-1 Programme support and General Staff support
- Nordic administrative support

PROJECT DESCRIPTION CR-1

**MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP**

Project: CR-1, Seed Production.

Responsible: Directorate within the Ministry of Agriculture: DINAF (agriculture, forestry, fishery and rural engineering).

Location: The implementation of the project will be concentrated to one place not yet decided. Later also other places suitable for seed production will be included in the project.

Objective: To establish about 3 seed production and seed processing centres in the most important agricultural areas in the country. To train Mozambiquans to run these centres when the foreign experts have left the country.

Background: During the colonial time almost all seeds necessary for the modern farming were imported, mostly from Rhodesia and South Africa. The border to Rhodesia is now closed and accordingly seeds can no

longer be imported from there. This has aggravated the situation and has contributed to the decision that Mozambique has to produce its own seeds. A team from Svalöf visited Mozambique in April this year and made up a general plan of how seed production could be implemented and developed. This plan takes into consideration a close co-operation with the UNDP/FAO project "Seed production and protection".

Immediate Action: The planning that remains to be carried through refers to technical questions of importance for the purchasing of cleaning equipment and farm machinery. It also refers to data-collection necessary to plan the production of seeds the first year (1977—78). Examples of these kind of data are i.e. acreage to be cultivated with different crops and needs of fertilizers and pesticides to produce the different crops.

Long-term Plans: To establish about three seed-producing centres in Mozambique. These centres should produce seeds for the most important food and cash-crops cultivated in Mozambique. To educate and train Mozambi-

quans of those categories to produce the seeds. This includes farmmanagers, mechanics and personnel to run a seed processing plant. Most of the training will be performed as inservice training within the project but for the mechanics and the personnel that will be responsible for the seed-processing plant part of the training will take place abroad. It is further on planned to establish an institutional cooperation with an international seed organization which will assist the project throughout the project period on a consultancy basis.

PROJECT DESCRIPTION CR-3
MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP

Project: CR-3, Vegetable Production, Maputo/Manica.

Responsible: Directorate within the Ministry of Agriculture: DINOPROC (organization of collective production and state farms).

Location: Province of Manica and Maputo.

Objective: Improve diets, reduce unemployment, organize the commercial circuit of the products, increase the productivity, stopping thus with the importation.

PROJECT DESCRIPTION CR-4
MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP

Project: CR-4, Citrus Chimoio.

Responsible: Directorate within the Ministry of Agriculture: DINOPROC (organization of collective production and state farms).

Location: Manica Province.

Objective: To assist in the rehabilitation and development of citrus production in the Chimoio area.

Background: The Chimoio area has several large citrus plantations producing both for export and internal markets. These plantations have been abandoned by their previous owners and are being regrouped as state farms. There are four sophisticated mechanized sorting and packing factories which

are of high technical standards and are maintained in excellent condition today. There is also a well equipped canning plant in Chimoio. Overall exporting capacity for citrus fruits is given at approximately 6 500 ton per annum, with a substantially larger amount being available for local marketing and processing. Exports have been channelled through the Republic of South Africa. Efforts are now being made to open alternative export channels.

Immediate Action: Provision of technicians and necessary inputs to upgrade management of orchards in order to improve yield and quality. To develop new marketing arrangements.

Long-term Plans: To continue a development of the production and increase of exports.

PROJECT DESCRIPTION IR-2/3
MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP

Project: IR-2/3, Irrigation Buzi/Beira.

Responsible: Directorate within the Ministry of Agriculture: DINAF (agriculture, forestry, fishery, rural engineering).

Location: Beira area.

Objective: To improve and stabilise the irrigation and develop crop production in Buzi.

To improve rice production in the swamp-land near Beira.

Background: Buzi. 10 000 ha could be brought under irrigation by construction of a major inlet and supply canal with pumps. 5 000 ha could be irrigated by supplying a canal from a pumping station on the main river. The choice of alternative will be influenced by the difficulty in engaging either local or foreign contractors for the works and might restrict the first phase of operations to improving the existing supply system.

Beira. 2 000 ha swamp area are composed of soils deposited under tidal estuary conditions with salinity in the subsoil. The main issue is installation of drainage with control, earthmoving and grading to permit improved cultural practices. This may be complicated

and measures to take control of run off in the watershed itself could be an alternative. Both areas will have 100 ha pilot areas for trials and training of staff and farmers.

Immediate Action: Buzi. Technical data on the schemes for irrigation is available for study and assessment. The ongoing crop situation and irrigation can be assisted particularly by improvements in the existing supply, drainage and lay-out. The pilot plot can be selected, surveyed and planned for implementation.

Beira. Initiate the topographical survey of the watershed and swamp area. Select and proceed to establish pilot area.

Long-term Plans: As areas under command of the irrigation system, lands will be allocated to farmers after initial experience and training in the pilot area.

PROJECT DESCRIPTION LI-2 MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: LI-2, Tsetse and Animal Trypanosomiasis Control.

Responsible: Directorate within the Ministry of Agriculture: DINAP (Livestock development).

Location: Various sites in Mozambique.

Objective: To stop the threatened expansion southwards of *Glossina morsitans* and *G. pallidipes* from the Muabsa salient.

To clear selected areas from tsetse for increased beef production.

To assist with chemotherapy and chemoprophylaxis of trypanosomiasis throughout Mozambique.

Background: Tsetse flies are present in some three-quarters of Mozambique and because they are vectors of trypanosomiasis. A very large area is thus lost for domestic animal breeding and rearing. The potential for the expansion of beef production is recognized as extremely great and this could increase more rapidly if more land could be retrieved from the tsetse.

Immediate Action: No specialist will be recruited under the Project, but it will be supervised by FAO staff of UNDP Programme MOZ 75/008.

The threatened expansion southwards of *G. morsitans* and *G. pallidipes* into the cattle rearing areas of Gaze and Maputo provinces from the salient at Muabsa necessitates sheerclearing a barrier 2 km wide and 60 km in length and maintaining this barrier in a bush-free condition. In addition, group spraying with residual insecticides will be carried out.

Selected areas elsewhere will be cleared in order to allow increased beef production.

Drugs will be tested as chemotherapeutic and chemoprophylactic agents under local conditions in Mozambique.

Theoretical and practical training courses in tsetse and trypanosomiasis control will be given to veterinary students and other staff.

Long-term Plans: See objectives.

PROJECT DESCRIPTION LI-4 MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: LI-4, Livestock Development Centres.

Responsible: Directorate within the Ministry of Agriculture: DINAP (Livestock development).

Location: Central Maputo.

Objective: Conservation, improvement and multiplication of purebred stock to provide males and surplus females to national livestock development programme, schools, collective production units etc. and the establishment of a central data collection and processing facility to make continuous evaluations of progress made.

Investigation of improved methods of animal production and forage utilization, with emphasis on optimal use of natural resources including locally available by-products. Development of animal fraction techniques. Training of all levels of livestock production personnel.

Demonstration of results and methods.

Development of advisory and extension services.

Background: There are 23 Livestock Development Stations already in existence throughout the country. The old objectives were largely geared to the needs of the European community.

Immediate Action: This development programme has been divided into 3 parts, based on priorities and available staff.

1. Development of Stations in Maputo/Gaza Provinces where 55% of the countries cattle are to be found and where there are stations reasonably well developed.

2. Development of strategic stations in other provinces where there are significant livestock populations. This programme is of almost equal priority with part 1, but will be more difficult to implement because of a lack of technical staff.

3. Conservation and minimal development of the remaining stations until details can be prepared for their development or incorporation into other projects.

Detailed plans are nearing completion for the stations in part 1 and much of the preliminary survey has been completed for part 2. Government Expenditure has been authorized to commence development programme which is to be recouped from this project when it become operational.

Long-term Plans: As soon as funds are available, Government requires reimbursement for expenditure already made and the expanded phase of the project can commence. Four internationally personnel have been requested for Chobela, Angonia, Montepuez and Mugeba.

PROJECT DESCRIPTION LI-5

MOZAMBIQUE-NORDIC

AGRICULTURAL PROGRAMME

— MONAP

Project: LI-5, Milk Production Unit — Chimoio.

Responsible: Directorate within the Ministry of Agriculture: DINOPROC (organization of collective production and state farms).

Location: 23 km from the city of Chimoio, Province of Manica.

Objective: The developing of the milk production in this Province, which has very good conditions for this sector, in order to obtain a production of 2 500 litres per day (1st phase) for supply to the central areas of the country.

The final objective is to obtain a production of 10 000 litres per day. Installation of a dairy plant in the 2nd year of the project.

Background: It concerns abandoned areas, previously belonging to private farmers.

This area has been under DINOPROC management for a year now. The consuming areas are mainly the province of Beira and in the 2nd place, the province of Zambezia.

Immediate Action: Commence the construction of stables, milking centre etc. Commence the forage production. Training of personnel.

Medium-term Planning: Establishment of a dairy plant in the 2nd year of the project.

Beginning of implementation of the 2nd unit which has to start its function in 1980.

PROJECT DESCRIPTION LI-6

MOZAMBIQUE-NORDIC

AGRICULTURAL PROGRAMME

— MONAP

Project: LI-6, Beef Production, Buzi.

Responsible: Directorate within the Ministry of Agriculture: DINOPROC (organization of collective production and state farms).

Location: Mouth of the river Buzi-Province of Sofala.

Objective: Start up a State Farm for beef production for consumption with one growing and fattening unit and one reproducing unit with a 1 000 reproducers.

Background: A great number of abandoned cattle was found in this area of good pastures. The proximity to a big consumers' centre, Beira, and a sugar cane industry, guarantee a regular market and cheap obtainment of molasses, a basic alimentation in the feed-lot, to be arranged next to the growing and fattening centre.

Immediate Action: A detailed study during the rainy season of the areas suitable for accommodation, in order to avoid that the farm to be established will not be subdued to damages caused by the rains. Rearrangement of the grazing areas. Bushcontrol in the surrounding areas of the enterprise, thus avoiding invasion of the tsetse fly. Arrangements for the feed-lot. Training of personnel.

PROJECT DESCRIPTION LI-7
MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP*

Project: LI-7, National Bush Control.

Responsible: Directorate within the Ministry of Agriculture: DINAP (Livestock development).

Location: Maputo.

Objective: To clear potentially productive land of trees, shrubs and weeds to establish pastures for livestock.

Background: Many abandoned farms have been invaded by bush and weeds which urgently need controlling to bring the land back into production. Other areas need to be cleared of bush and forest to establish pastures and control tsetse fly.

Immediate Action: It is proposed that there will be 3 units engaged in bush clearing using the Ely-Chain. These will be located in the South, Centre and North of the country.

Each unit will consist of two DC7:s and Ely-Chain, operators and tools. The first unit will become operative about August 1977 on Changalane state farm near Maputo. The second one will probably be sited near Chimoio or Quelimane.

Long-term Plans: To clear approximately 15 000 to 20 000 has per year when in full operation.

PROJECT DESCRIPTION LI-8
MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP

Project: LI-8, Milk Production, Chokwe.

Responsible: Directorate within the Ministry of Agriculture: DINOPROC (organization of collective production and state farms).

Location: Gaza Province, Limpopo Valley.

Objective: To establish a milk production unit of 500 heads of cattle, to provide surrounding areas and nearby urban centres with milk products and to utilize capacity of existing dairy plant.

Background: The colonial government intended to establish a sizeable dairy industry in the Limpopo valley in the last stage of colonialism before liberation. To this end, a

dairy plant with a capacity of 35 000 litres/day was established in 1965. The intention was to encourage Portuguese smallholder farmers in the valley to keep small herds of dairy cattle. Milk deliveries to the dairy plant never rose above 4 000 litres/day and are today only some 1 500 litres/day. In the area there is at least heads of dairy cattle, mainly of Friesian stock, which have been abandoned by the previous owners. The cattle is kept under temporary management under rather adverse conditions. Some milking equipment is installed and functioning at the Guidiza farm where the project is to be established.

Conditions for dairy production in the Limpopo valley are not ideal due to high temperatures and humidity.

Immediate Action: To provide necessary technicians and inputs to establish systematic management of head cattle herd on the Guidiza farm. This farm consists of 750 hectares of irrigated land. To establish pasture and initiate forage and feed grain production. To upgrade and extend existing buildings and to provide necessary farm machinery.

Long-term Plans: To establish additional dairy units on nearby farms and in villages in the area in order to increase production and ensure effective utilization of the existing dairy plant.

PROJECT DESCRIPTION LI-9
MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP

Project: LI-9, Beef Production Unit No. 4, Manica.

Responsible: Directorate within the Ministry of Agriculture: DINOPROC (organization of collective production and state farms).

Location: Province of Manica. Areas: Tembe, Vanduzi and Almada, crossed by the road Chimoio-Vila Manica.

Objective: 10 000 hectares occupied per year in approximately a 4 year plan. Start-up of three reproduction units with approx. a 1 000 reproducers each.

Background: The area available is approximately 40 000 hectares, so bushcontrol will be necessary. The spontaneous grazing area

has the capacity of 4 to 10 animals per hectare. There is a great facility in obtaining water for the animals as there are innumerable rivers in the surrounding.

Immediate Action: Bushcontrol. Fencing the grazing areas. Installation of the water-distribution-system. Concentrate the cattle of the surrounding areas. Training of personnel.

Long-term Plans: Total occupation of the 40 000 available hectares.

PROJECT DESCRIPTION LI-10

MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: LI-10, Beef Production.

Responsible: Directorate within the Ministry of Agriculture: DINOPROC (organization of collective production and state farms).

Location: Mabalane, Province of Gaza.

Objective: To use an area of good pastures for 11 000 head of abandoned cattle.

Immediate Action: Bushcontrol, fencing of grazing areas, road clearing, watersupply-installations and training of personnel.

Medium-term Plans: Two reproduction units (1 000 reproductions each) and one fattening centre is planned.

PROJECT DESCRIPTION LI-12

MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: LI-12, Beef production.

Responsible: Directorate within the Ministry of Agriculture: DINOPROC (organization of collective production and state farms).

Location: Changanalane, 80 km south of Maputo, Province of Maputo.

Objective: Establishment of a State Farm for Beef Production. Occupying an area of approximately 22 000 hectares and 7 000 heads of cattle, organized over 2 reproduction units with a 1 000 cows each and a growing and fattening unit (2 500 young bulls).

Background: The project comprises an abandoned area including 3 ex-private farms with considerable infrastructure and cattle herds in a reasonable state of management.

This area has been under the management of DINOPROC for the past one and a half year.

Immediate Action: Implementation of the bushcontrol programme. Rearrangement of the grazing plots. Establishment of a new waterdistribution system for the cattle. Training of personnel.

Long-term Plans: Establishment of a feedlot next to the growing and fattening unit.

PROJECT DESCRIPTION LI-13

MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: LI-13, Veterinary Institute (INIVE).

Responsible: Directorate within the Ministry of Agriculture: DINAP (Livestock development).

Location: Maputo.

Background: The exodus of higher and middle grade technical staff has resulted in a situation in which the diagnosis of animal diseases (upon which prevention and cure depends) and the production of veterinary vaccines is seriously threatened. The neighbouring veterinary faculty is similarly affected and needs support in the teaching and research fields.

The Institute is equipped for most of its functions but certain short-comings are apparent, especially in basic services. It is extremely deficient in technical personnel and receives inadequate support from the depleted field veterinary services.

Immediate Action: Three experts recruited by FAO are already working at the Institute. A work plan for the present year has been prepared.

As indicated, the principal deficiencies are in the fields of personnel at all technical levels. Another major deficiency is the need for a specially housed flock of diseases-free poultry to produce eggs for vaccine manufacture. Plans for this and for other major items of equipment necessary are being put together.

Lectures are being given at the Faculty, but a more serious need is the training of junior technical staff. Attention will be given to more training at this level.

Long-term Plans: Once the production of vaccines is reestablished and diagnostic systems improved, it is planned to develop stronger contacts within the field veterinary services and with other livestock endeavours to promote field surveys of animal diseases and other vectors throughout the Republic with a view to developing control measures for the most costly diseases.

PROJECT DESCRIPTION MI-1

MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: MI-1, Marketing-input supply.

Responsible: Directorate within the Ministry of Agriculture: DINECA (distribution of agricultural inputs, organization of crop marketing).

Location: National project. Headquarters in Maputo, expatriate staff will be stationed in Maputo, Beira and Nampula.

Objective: To strengthen DINECAs agriculture input and crop marketing activities. To contribute to the establishment of a network of rural stores.

Background: DINECA has been formed through amalgamation of two marketing boards. The majority of the rural small traders have ceased operation. They were the main distributors of agricultural inputs and collectors of produce of the traditional sector and must be replaced with a new structure. The state farms now being established will also need considerable service.

In cooperation with the Ministry of Transport and the Ministry of Industry and Trade, it is DINECAs task to purchase and distribute agricultural inputs up to the provincial level and to assist in organizing distribution within the provinces. It also has to organize collection of crops and coordination with the national bodies concerned.

Immediate Action: During its first two years DINECA will have to operate on an emergency basis, concentrating on rudimentary services and crucial bottlenecks. Procurement of inputs internally and abroad as well as distribution to the Provincial level must be organized. Cotton areas and the

Northern provinces have to be given special attention.

Long-term planning has started and will continue in cooperation with other ministries concerned.

Long-term Plans: The long-term plans will aim at creating a functioning agricultural distribution and marketing system well co-ordinated with other distribution systems for the rural areas and with national crop authorities.

PROJECT DESCRIPTION ME-1

MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: ME-1, Tools and implements.

Responsible: Directorate within the Ministry of Agriculture: DINECA (distribution of agricultural inputs, organization of marketing).

Location: National project.

Objective: To purchase and distribute hand tools and simple implements to the traditional agricultural sector.

Background: Since the independence there is a great lack of hoes and other tools for traditional agricultural activities — specially in the Northern parts of the country. The Ministry of Agriculture receives such implements from different sources and also purchases with its own funds for distribution through DINECA.

Immediate Action: Using Programme funds, additional tools will be purchased and distributed to supplement other supplies.

PROJECT DESCRIPTION ME-2

MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: ME-2, Agro-service activities.

Responsible: Directorate within the Ministry of Agriculture: DINAF (agriculture, forestry, fishery, rural engineering).

Location: National project. Expatriate staff will be placed in provincial and district towns.

Objective: To increase the Ministry's capacity to repair and maintain agricultural

machinery and equipment. To develop agro services in the district workshop.

Background: The Ministry's rural engineering department has three central mechanical workshops, seven provincial workshops and a number of district workshops. They are to repair and maintain the Ministry's vehicles, tractors, machinery and other equipment and to give service also to state farms. Lack of mechanics is the most serious problem facing the department.

Immediate Action: Twenty-five mechanics are to be recruited and supplied with vehicles and basic repair equipment. They are then to be posted to provincial or district workshops to be responsible for or to strengthen these. The vehicles will function as mobile repair units in the respective areas. Training of workshop staff and of drivers will be an important part of the work.

Long-term Plans: Assisted by the Tete mechanical school, the district workshops shall gradually develop agro-service activities. Blacksmith services, spare parts supply etc. are to be introduced as soon as practically possible. The needs are enormous and the capacity to organize will set the pace.

PROJECT DESCRIPTION ME-3

MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: ME-3, spare part supply.

Responsible: Directorate within the Ministry of Agriculture: DINAF (agriculture, forestry, fishery, rural engineering).

Location: National project, expatriate staff to be stationed in Maputo.

Objective: To organize a well functioning spare part supply system for the Ministry of Agriculture. To finance the building up of the stocks of spare parts.

Background: Within the Ministry of Agriculture, the Rural engineering department is responsible for the Ministry's workshops and thus for the spare part supply, which has been seriously disrupted. The main workshops are situated in Maputo, Beira and Nampula. The main importers of spare parts have depots in the same towns and will

supply directly from these to the Ministry's provincial and district workshops.

Immediate Action: The import procedures for spare parts have now been worked out. The main importers will import on behalf of the Ministry and quotas for this imports are being allocated from Swedish bilateral assistance funds. The stocks will be brought up to a reasonable level.

Long-term Plans: A functioning system for spare part supply will be organized by the Rural engineering department. Instructions and manuals will be worked out and a training programme will be arranged. The use of data techniques may be introduced after feasibility studies.

PROJECT DESCRIPTION TR-1

MOZAMBIQUE-NORDIC AGRICULTURAL PROGRAMME — MONAP

Project: TR-1, Umbeluzi Training Centre.

Responsible: Directorate within the Ministry of Agriculture: DINAF (agriculture, forestry, fisheries and rural engineering).

Location: 35 km west of Maputo.

Objective: To establish a training centre with 180 student boarding places for middle-level agriculture and livestock technicians.

Background: The centre will be established on the site of the Umbeluzi Experimental Research Station, which is under the Ministry of Agriculture's Research Institute. The site covers an area of 560 hectares. There are 300 dairy cattle. Because of lack of technicians, the experimental activities have declined and only forage production under irrigation, maize and groundnut trials are continued. Good collections of a wide range of fruit varieties are maintained and seedlings are distributed. Surplus of fruit and milk are sold. One six-month agricultural crash course has already been held.

According to present plans, the centre will establish, as soon as possible, two-year courses with additional six-month specialized courses. Students will have minimum of six years basic schooling and will have previous experience of agricultural work either from the Ministry or from the Peoples' Armed

Forces, and will successfully have completed basic agricultural courses.

Immediate Action: Three of the existing buildings are now modified and extended to accomodate 80 boarding students. They are expected to be completed in May 1977. The training programme and syllabi are under preparation, but suitable textbooks and teaching material are scarce and the teachers will have to prepare such material. The head of the centre is expected to arrive in April 1977. The lack of teachers is the main bottleneck and great efforts are made to solve this problem.

Long-term Plans: As soon as funds are available, new buldings, already planned, will be built to allow training of 100 more students. Teachers' flats will also be built, since at the moment there is only one house and one flat for teachers.

PROJECT DESCRIPTION TR-2
MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP

Project: TR-2, Tete mechanical school.

Responsible: Directorate within the Ministry of Agriculture: DINAF (agriculture, forestry, fishery, rural engineering).

Location: Tete town at the Zambezi river.

Objective: To train workshop managers, mechanics and drivers and to promote such training within the Ministry.

Background: During the colonial time very few Mozambiquans were trained as workshop managers or mechanics, and the exodus of Portuguese technicians has created a difficult situation for the Ministry's rural engineering department. An existing large workshop has been acquired by the Ministry to serve as the department's national training institute, and also one of the Ministry's provincial workshops. Additional premises for teachers and students' accomodation have also been allocated. The buildings are presently being modified and repaired, using Ministry funds. Curricula and Plans for the courses to be given have been prepared with the assistance of the Ministry of Labour.

Immediate action: The crucial point at present is to recruit a manager and training

staff for the school. Training has to be started immediately on a crash course basis. Simultaneously long-term plans have to be worked out for the school.

Long-term Plans: The Tete mechanical school shall not only carry out training, but shall also be responsible for organizing training on all levels for the Ministry's rural engineering staff. Training programs and training material to be used by provincial and district workshops have to be produced. Training for trainers has to be arranged etc. It is also planned that the school will design agro-service activities to be gradually adopted by the district workshops.

PROJECT DESCRIPTION GE-1
MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP

Project: GE-1, Programme Support.

Responsible: Secretariado para a Cooperacao Internacional, SCI, within the Ministry of Agriculture.

Location: National.

Objective: To facilitate smooth implementation of the projects supported by the Programme.

Background: Several projects in the Programme are in a planning stage and action plans are under preparation. Other projects have been planned in details, but unforeseen problems and costs will occur during implementation.

PROJECT DESCRIPTION
MOZAMBIQUE-NORDIC
AGRICULTURAL PROGRAMME
— MONAP

Project: General staff support.

Responsible: Secretariado para a Cooperacao Internacional, SCI, within the Ministry of Agriculture.

Location: National.

Objective: To facilitate smooth implementation of the project supported by the Programme.

Background: There is a need for expert personnel to work with problems related to the projects which cannot suitably be posted

to any particular project. The Programme Coordinator is one example. Specialists needed on a national level to act as consultants to several projects is another.

Annex II

A

PROCEDURE FOR THE RECRUITMENT OF PERSONNEL BY SIDA

1. Each request for personnel shall be accompanied by a job description containing a definition of the duties to be carried out by the officer, as well as the qualifications required.
2. Before entering into a contract, SIDA shall provide the Ministry with all information necessary for the appraisal of the candidates deemed best qualified by SIDA. The Ministry shall without delay communicate to SIDA which, if any, of the proposed candidates that has been approved.
3. Before starting recruitment procedures, the two Parties shall agree on measures conducive to the effective utilization of the personnel. Such measures may include the assignment by the Government of Mozambique of counterparts to the personnel.
4. If the Ministry and SIDA shall so agree, personnel may be transferred from one function or duty station to another during the period of employment.

B

OBLIGATIONS IN REGARD OF PERSONNEL MADE AVAILABLE BY SIDA

1. SIDA shall endeavour to train and otherwise adequately prepare the personnel for their functions in Mozambique. Such training may include orientation in Mozambique before and during assignment. Mozambique shall support and facilitate such in-country orientation.
2. In the performance of their duties, such personnel shall be under the exclusive direction of Mozambique Govern-

mental agencies or organization to which they are assigned. The personnel shall comply with laws, orders and regulations in force in Mozambique.

- 3.1 The Mozambique Government shall hold SIDA and the personnel serving in Mozambique in accordance with this Agreement harmless against any liability, suit, action, demand, damage, cost of fee on account of death, injury to person and property or any other losses resulting from or connected with any act performed or omission made in the course of the performance of the duties of such personnel.

- 3.2 However, if claims arise in a case where gross negligence or wilful intention on the part of the personnel has been established by a Mozambique court, the Mozambique Government may hold the person concerned liable to indemnify the Mozambique Government.

- 3.3 If the Mozambique Government has to deal with any claim in accordance with this paragraph, the Mozambique Government shall be entitled to exercise and enforce the benefit of any defence or right to setoff, counterclaim, insurance, indemnity, contribution or guarantee to which such personnel may be entitled.

- 3.4 SIDA shall not withhold from Mozambique Government access to personnel, information or other assistance reasonably required for the handling of any matter to which this paragraph relates.

4. In the event of arrest or detention, for any reason whatsoever, of any person made available by SIDA or of their spouses or dependants or of criminal proceedings being instituted against them, the Swedish Embassy shall be notified without delay in accordance with international established practice, and shall have the right to visit the arrested or detained person.

- 5.1 The Mozambique Government may request the recall or replacement of any person made available in accordance with this Agreement, whose work or conduct is deemed unsatisfactory. Before making any such decision, the Ministry shall consult with SIDA.

- 5.2 SIDA shall have the right to recall any person at any time. In case of such recall SIDA shall, unless exceptional circumstances demand immediate recall, give one month's notice to the Ministry.
6. The Mozambique Government shall provide in kind:
- 6.1 Reasonably furnished housing for personnel who are to serve in Mozambique for a continuous period of more than six months after arrival. Housing shall be provided not later than two months after arrival of such personnel.
- 6.2 Furnish hotel accommodations exclusive of meals, laundry and telephone for the personnel and their spouses and dependants, if the period of assignment does not exceed six months or until housing under sub-paragraph 6.1 above has been provided.
- 6.3 Furnish such medical services and facilities for the personnel and their spouses and dependants as may be accorded to Mozambique civil servants of comparable status.
- 6.4 Furnish office space and related facilities for official purposes as provided civil servants of comparable status, or, as the case may be, tools and other equipment and facilities necessary for the performance by the personnel of their duties.
- 6.5 Defray costs of official travel outside duty station, including hotel costs and allowances, in accordance with Mozambique regulations for official travel.
- 6.6 Grant the personnel annual and sick leave in accordance with their terms of employment with SIDA, which shall be made known to the Ministry by SIDA.
- 6.7 Inform SIDA when annual and sick leave is granted to the personnel.
- 6.8 Grant the personnel and their spouses, dependants and visitors necessary entry, exit and other permits.
- 6.9 Exempt the personnel in Mozambique from taxation and related charges on salaries and emoluments paid to them by SIDA.
- 6.10 Give the personnel the right of opening an external bank account in Mozambique for their personal needs. Balances on such accounts shall be freely transferable into any convertible currency.
- 6.11 Give the personnel, together with their spouses and dependants, the right to import, free of customs duty and other similar charges, new as well as used household goods and personal effects within six months after their first arrival in Mozambique. In special cases the period may be extended. The term "personal effects" shall include for each household, i.e. one motor vehicle, one radio, one record player, one tape recorder, airconditioner, one refrigerator, one deep-freeze, one washing machine, minor electrical appliances and one set of photographic and film equipment. If these articles are disposed of otherwise than to a person entitled to the same privileges, appropriate duty shall be paid thereon. If the motor vehicle is totally damaged by accident or lost by theft, or if the term of service in Mozambique of the owner should be prolonged to more than three years, they shall be entitled to import a second motor vehicle in replacement of the first one, according to the provisions of this subsection.
- 6.12 Have the right to export free of customs duty and similar charges these goods and effects at the termination of their service.
- 6.13 Be exempt from registration requirements applying to their profession.
- 6.14 Have, together with their spouses, dependants and visitors, the right to travel within the country in accordance with provisions made by the Mozambique Government. The Ministry shall inform the Swedish Embassy of these provisions and such changes as may be made from time to time.