

PROJECT PROFILE

<u>Sector</u>	Agriculture
<u>Sub-sector</u>	Crop
<u>Code</u>	AG 28(B & C)
<u>Title</u>	Agricultural Research and Training Project
<u>Implementing Agency</u>	NARO
<u>Location</u>	Nationwide
<u>Total Plan Exp.</u>	US\$ 16.57m (ARTP II)
<u>Funds Secured</u>	US\$ 16.57m
<u>Funding gap</u>	Nil
<u>Start Date</u>	1993
<u>Completion date</u>	2005

Background

For the foreseeable future, agriculture will remain the most important sector in the Uganda economy providing food, employment and export earnings. With a rapidly growing population and limited area for expansion, it is necessary to increase the productivity of the crops, livestock and fisheries sub-sectors by developing and adapting improved technologies.

Objectives

- i) Support key objectives of the National Agricultural Research Organisation (NARO), including high priority research programmes.
- ii) Strengthen co-ordination of the research system, the extension service and the agricultural facilities of Makerere University and agricultural colleges.
- iii) Improve agricultural education and training capacity.

Expected Outputs

- improved technology and research packages are adaptable and sustainable.
- improved technology options for control of crops livestock/fisheries diseases generated, packaged and supplied to adaptive research pathways in national research system.
- improved horticultural strategic research technologies generated and packaged for systems based adaptive research.
- improved soil and soil fertility management strategic research technologies generated and packaged for systems based adaptive research.
- improved management of forests strategic research technologies generated and packaged for systems based adaptive research.
- appropriate policies recommended.

Performance Indicators

- Number of research institutes rehabilitated by close of phase I of the project.
- Number of high priority research programmes executed by the close of the project.
- Number of technical assistance positions filled annually.
- Number of local training courses/seminars/workshops held annually
- Number of farmers/staff training locally/abroad every year.
- Number of scholars from NARO and Makerere University who have completed higher education [MSc & PhD] in various universities abroad and returned to their work places.
- Procurement of major project inputs accomplished periodically.
- Disbursement levels from the donor.
- Amount of counterpart funds committed per annum.

Technical Description

Institutional Development of the National Research System. This will involve research management and planning, and design of the Forestry Research Institute and the NARO headquarters.

Rehabilitation of NARO Research Institutes.

Execution of High Priority Research Programmes.

Strengthening of Agricultural Education and Training Capacity.

Feasibility Study

Intensive studies of the agricultural sector carried out over a long time indicated that agricultural research, training and extension are key interventions which may lead to overall growth in the agriculture sector. The National Agricultural Research Organisation [NARO], established as a body corporate by GoU through an act of the National Resistance Council in December, 1992 was mandated to conduct research covering disciplines in crops, livestock, fisheries and forestry. It was further given research mandates over food science and technology as well as agricultural engineering and appropriate technology.

Financing

A US\$24m credit from the World Bank became effective from August 1993. GoU is provide counterpart funds. For ARTP II IDA will provide a credit of US \$ 26 million.

Plan of Operation

The project will:

- continue to provide for a major increase in flow of improved technologies to producers.
- establish and monitor the implementation of research programmes approved by the NARO Board to ensure both technical and financial accountability by the scientists.
- establish sustainable funding mechanisms to guarantee continuity of the system.
- continue to train its staff both locally and abroad.
- will design and implement an outreach programme to ensure transfer of improved technology and research packages to the farmers.