The Project for Safe Water and Support of Community Activities

Implementing Agencies:
The Department of Operation and Maintenance, Senegal & The Japan International Cooperation Agency
SUMMARY

- THE SENEGALESE BACKGROUND

- THE PEPTAC PROJECT
  - The 4 project activities
  - The Outputs and related Effects
  - The Lessons and Prospects
THE SENEGALESE BACKGROUND

**Before 1996**

- Assumption of the costs for the operation of the pumping station
- Lump sum payment of water fees
- No transparency
- No bank account
- No management documents
- Conflicts between users and leaders
- Frequent interruptions of system operation for lack of fuel

**After 1996**

- Sharing of maintenance and renewal cost by the STATE and the USERS
- Water sale by VOLUME
- Possibility to apply for a CREDIT
- Involvement of the PRIVATE SECTOR in the Management and Maintenance of the Stations
THE PROJECT ON THE SAFE WATER AND SUPPORT FOR COMMUNITY ACTIVITIES

Projet Eau Potable pour Tous et Appui aux Activités Communautaires
**PROJECT ACTIVITIES**

**Activity 1**
Establishment of a system for the maintenance of the water supply facilities

**Activity 2**
Appropriate management of Management Committees

**Activity 3**
Appropriate use of water

**Activity 4**
Community Development

Stable safe water supply
ACTIVITY 1

Technical Maintenance

- Training and Retraining of 24 Borehole Operators
- Construction of 3 Training Centres
- Installation of 500 Water Meters
ACTIVITY 2
Organising the Users

GENERAL ASSEMBLY  EXECUTIVE COMMITTEE  EXECUTIVE BOARD
ACTIVITY 3
Appropriate use of water

Operation guidelines for groundwater monitoring

Use of water saving irrigation techniques

Sensitisation on hygiene and water related diseases
ACTIVITY 4
COMMUNITY DEVELOPMENT

MARKET GARDENING (2 ha)
FORAGE GROWING (2 ha)
CATTLE FEEDING ("Jersey")

4 POULTRY HOUSES (250 chicks)

BILBOARD
RESULTS AND EFFECTS (1)

ACTIVITY 1
TECHNICAL MAINTENANCE

- Elaboration of specific technical documents and operation guidelines for each station
- Inventory of all the maintenance companies in the region
- Conclusion of 16 maintenance contracts between the ASUFORs and Local Companies

ACTIVITY 2
Organising Users

- Acceptance of water sale by volume and saving amount exceeding US$ 70,000
- Involvement of the various categories of users and Strengthening of ethnic intermingling and social cohesion
- Democracy and transparency in management
RESULTS AND EFFECTS (2)

ACTIVITY 3
Appropriate use of water

- Improvement of hygiene and Awareness of the risk of water related diseases
- Use of water saving irrigation techniques: «Drip Irrigation», "GASQUET"
- Monitoring of groundwater resources: quality and quantity
- Reinforcement of the option to promote the water supply system as a «Local Growth Pol
- Promotion of the necessary conditions to improve the target populations’ living environment
- Introduction of income generating activities, thus contributing to Poverty Reduction in some advanced sites to be taken as a model
LESSONS

1- Establishment of a system for a sustainable use of water resources
2- Improvement of the water supply facilities’ maintenance system
3- Establishment of standard monitoring and management manuals
4- Set up of a consultation framework among the various stakeholders of the rural water supply sub-sector
5- Set up of a consultation framework among the various donors of the rural water supply sub-sector

PROSPECTS

1- EXTEND THR REFORM TO ALL RURAL WATER SUPPLY SYSTEMS IN SENEGAL
2- ESTABLISH IN SENEGAL A SYSTEM FOR A SUSTAINABLE USE OF WATER THROUGH THE 2nd PHASE OF PEPTAC
ACTIVITY 2
Organising the Users

GENERAL ASSEMBLY
EXECUTIVE COMMITTEE
EXECUTIVE BOARD
RESULTS AND EFFECTS (1)

ACTIVITY 1
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THANK YOU FOR YOUR KIND ATTENTION

Department of Operation and Maintenance, Senegal
&
Japan International Cooperation Agency