



Rain, Forest and People

"Contribute to strengthening food sovereignty and resilience of rural communities to climate change in Senegal"

Context

Every day, Senegal loses nearly 125 hectares of forest, almost 5 hectares per hour. To this must be added a strong demographic increase that increases the pressure on natural resources. Forests play a vital role in the water cycle, soil conservation and climate regulation. Agriculture is the main driver of global deforestation, and it is therefore urgent to foster more positive interactions between agriculture, forests and water resources management. Finally, the variability of rainfall due to climate change tends to increase the intensity of rainfall events or drought and therefore requires improved management.

Main objectives

Contribute to strengthening food sovereignty and resilience of rural communities to climate change in Senegal.

Specific objectives

SO1: Strengthen the capacities of actors on the maintenance, restoration and management of natural resources (water, trees, soils).
SO2: Increase the productivity of family farms (FF) through the rehabilitation of ecosystems and farmland.

Outcomes

O1.1: At least 2000 FF leaders are sensitized on environmental problems and the degradation of natural resources.

O1.2: At least 14 villagers are trained in tree nursery establishment and management techniques.

O1.3: At least 70 FF leaders are trained in agroforestry planting and maintenance techniques.

O1.4: A new Agroforestry Technical Advisor (ATA) is formed on advisory support and agroforestry + 14 Village Agroforestry Committee formed (VAC)

O1.5: Beneficiaries of APAF / IRHA actions carried out exchange visits.

O1.6: A renaturation strategy is conducted at the scale of the intervention area is developed

O2.1: Between 60 and 70ha of degraded land has been recovered for agricultural production, wood, fodder and other wood products.

O2.2: The 70 FF ensure their self-production of domestic wood and fodder.

O2.3: Between 60 and 70 ha of market garden sites are set in groves of hedgerows and windbreaks.

O2.4: At least 70 reservoirs are set up in 70 beneficiary FF households.

O2.5: At least 7 km of vegetated anti-erosion ropes are installed in the plots of 70 of the FF.

O2.6: 4 pilot demonstration plots (PDP) are implemented.

Key figures

- Duration of the project: **2 years**
- **2000** FF leaders sensitized to local environmental issues
- **14** nursery trained
- **1** agroforestry technical advisor
- **40'000** trees planted in the agroforestry context
- **7km** of plant anti-erosion barrier installed
- **5** trained masons
- **70** rainwater harvesting cisterns of 5m³ built

Location

The project is located in Senegal, 150km south-east of Dakar, on the borders of Thies and Fatick regions. The project supports 70 family farms.

Partners

The Rain, Forest and People project was implemented in partnership with APAF (Association pour la promotion des arbres fertilitaires) and with the collaboration of the EPFL (École Polytechnique Fédérale de Lausanne) and De Gevulde Waterkruik.

Donors

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