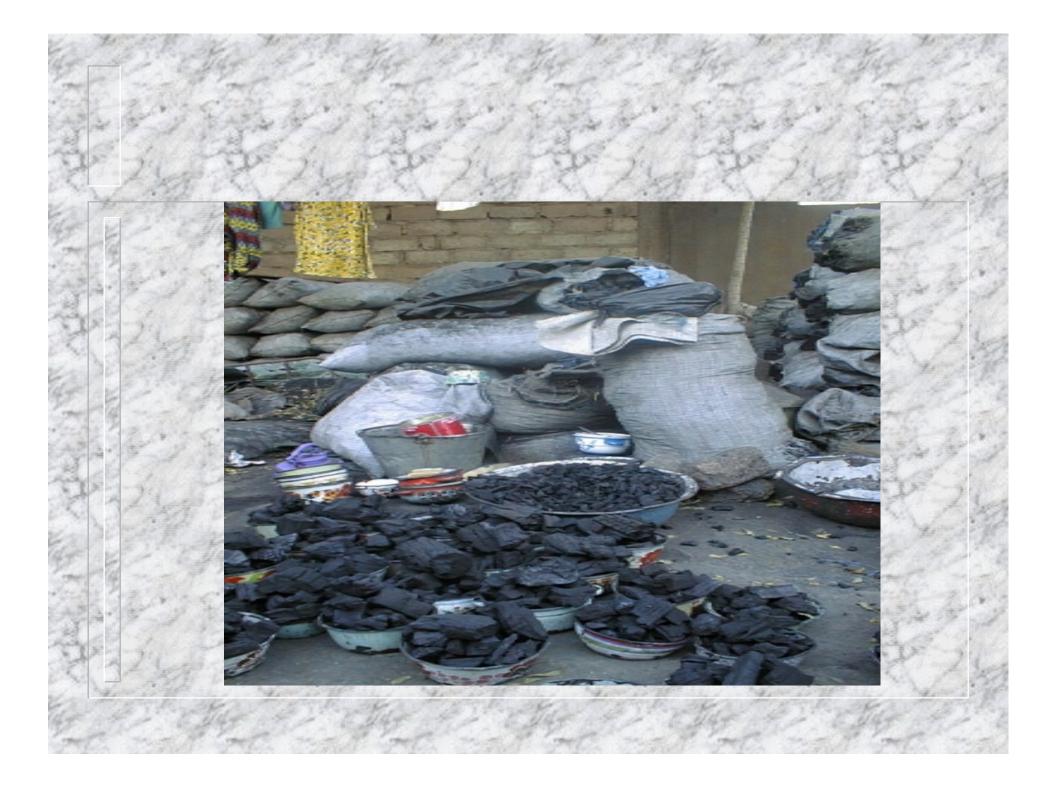
Senegal Sustainable & Participatory Energy Management Program

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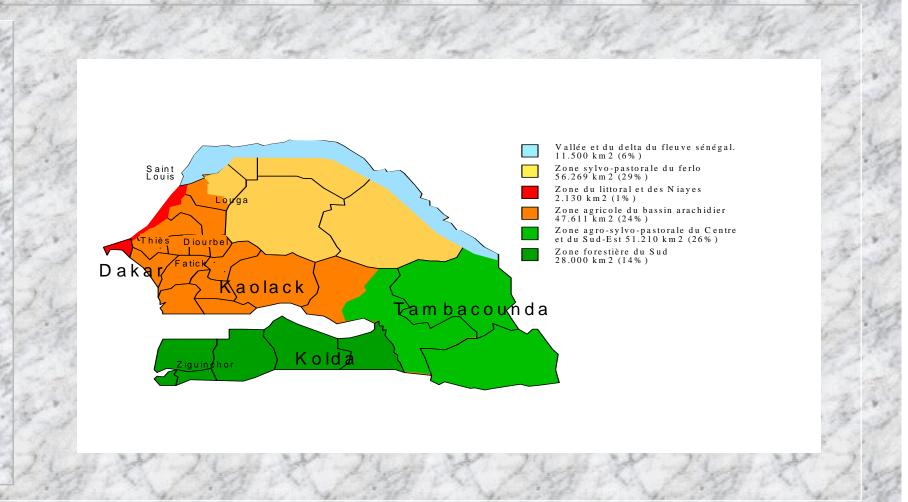




Program Objectives

- Strengthening of institutions in charge of the management and operation of the sector
- Community-based forest management of 300,000 hectares in the regions of Tambacounda and Kolda
- Promotion of private sector and NGO inter-fuel substitution and improved stoves initiatives

Sénégal



Preparatory and Support Activities

- ⇒ capacity development activities
- ⇒ elaboration of technical studies
- ⇒assessment of the vegetation cover to generate technical data for forest management plans
- ⇒ design of a communication strategy
- ⇒ participatory rural appraisals
- ⇒ design of monitoring and evaluation systems

Sustainable woodfuels supply management

- ⇒ implementation of forest management systems
- ⇒ national dead wood assessment and management
- ⇒ implementation of woodfuels communication strategy
- ⇒ support for the establishment of rural microenterprises

Demand management and interfuel substitution

- ⇒ support to modernization of the charcoal trade
- ⇒ support to diversification of charcoal traders activities
- ⇒ support to promotion of improved wood and charcoal stoves, and adapted LPG and kerosene stoves

Program Financing

	US \$ million
■ Government of Senegal	1.2
■ GEF	4.7
■ IDA	5.2
■ Dutch Cooperation	8.8
Total19.9	

Implementation Constraints

- First disbursement was late
- Slow understanding of procurement procedures
- Logistics problems (offices, vehicles, ...)
- Management issues
- Institutional issues (central and regional levels)
- Change of program coordinator and relocation of the program coordination unit to Tambacounda
 - ⇒ about 6 months of delay

Achievements

Capacity Development

- ⇒at the level of program staff and staff from directorates of energy and environment (planning tools, mapping techniques, aerial photo interpretations and analysis, communication, procurement, ...)
- ⇒at the level of beneficiaries (forest management techniques, charcoal production, gardening, nurseries, honey production, cattle fattening, poultry farms, ...)

ASSEMBLEE DU C.V.G.D. DE NETEBOULOU



Achievements

- Woodfuels supply management
 - ⇒ aerial photography completed/ good progress on forest inventory
 - ⇒about 145 km of fire breaks completed
 - ⇒about 105 villages serviced by program
 - ⇒ about 100,000 hectares under management
 - ⇒trade of dead wood and charcoal from the managed zones
 - ⇒ diversification of income generating activities
 - ⇒ slight increase of taxation on forest products

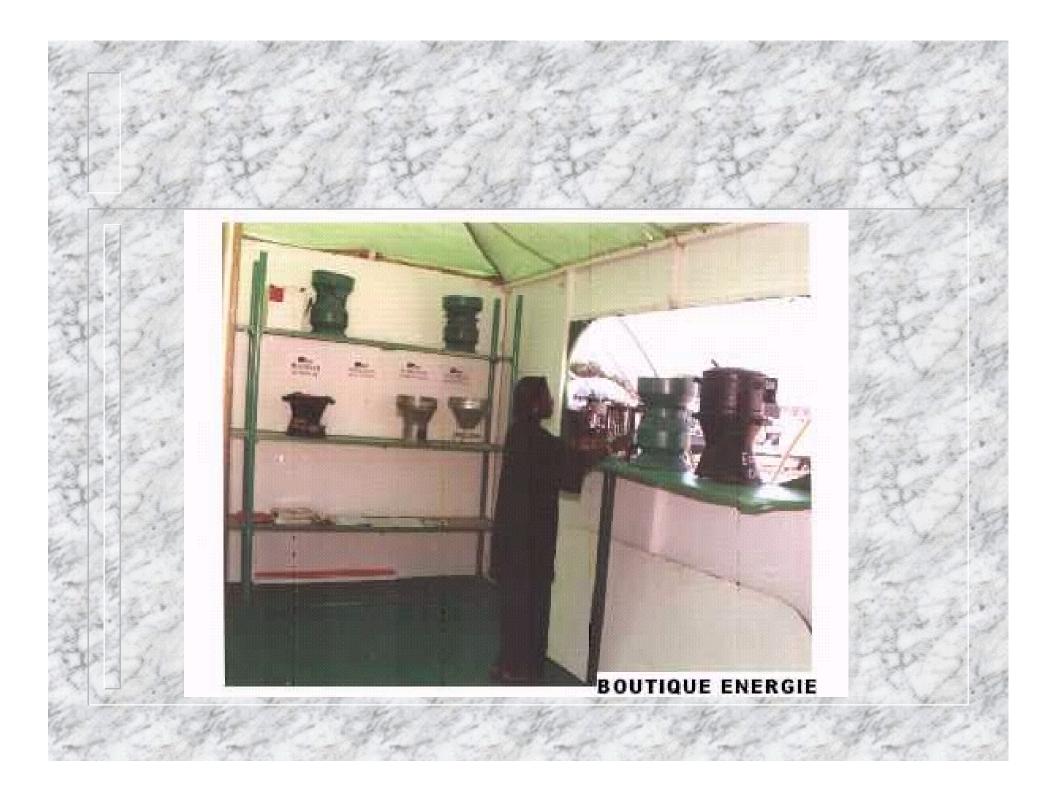


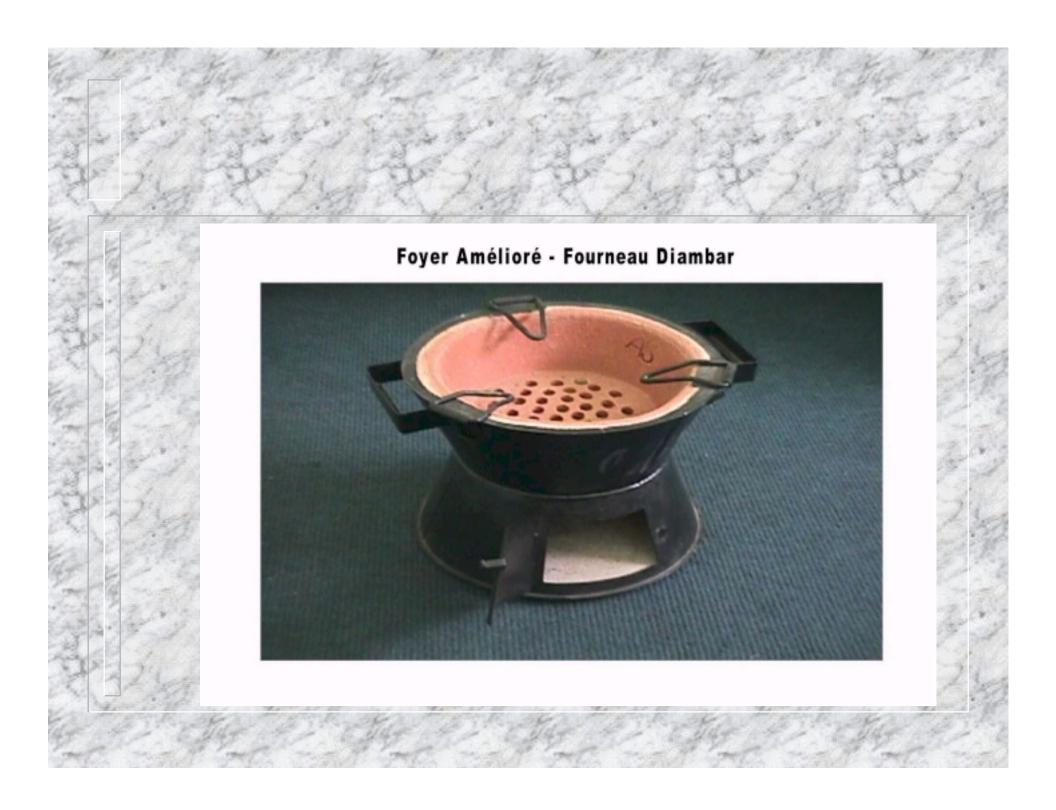
Achievements

Demand Management

- ⇒ Technical and feasibility studies completed
- ⇒ Laboratory tests of kerosene and improved wood and charcoal stoves completed
- ⇒ All 10 regions of the country are sensitized about energy efficiency issues
- ⇒ Opening of demonstration energy boutiques
- ⇒ Collaborative activities with NGOs, private sector, and local artisans
- ⇒ Reduction of about 40% of Government subsidies on LPG















Lessons Learned

- Capacity and institutional development are required for successful program implementation and sustainability
- Rural needs are multiple and best addressed simultaneously
- Incentives are necessary for the effective participation of rural communities
- Community development programs are key to the materialization of decentralization