

Promotion of the Production and Use of Jatropha Oil as a Sustainable Biofuel

Background

The consumption of diesel oil in Mali accounts for 70% of its oil product imports, with an annual growth rate of 17.35% and a litany of social, environmental, and economic consequences. The Malian government aims to progressively reduce these importations by developing the production of agrofuels. At a national level, there is more than 20 years of experience with Jatropha, resulting in a commitment to the promotion of Jatropha oil as a sustainable agrofuel.



The project brings major contributions to the achievement of the GEF and Malian government objectives, by seeking to promote:

- Jatropha oil as a sustainable national energy resource;
- Appropriation by rural stakeholders of agrofuels production at village level;
- Private investments respectful of environmental and social sustainability criteria;
- An energy development model replicable and scalable in West Africa

The project has various types of direct impacts on the development of sustainable agrofuels in Mali, including:

- The establishment of an appropriate regulatory framework;
- The possibility for the Jatropha sector actors to access certified information about production techniques and costs, processing and use of the sector products;
- The approval of a funding model that capitalizes on agrofuel production impacts on rural development, mainly based on innovative partnerships between private operators and rural actors; and the creation of Carbon funds;
- The development of an agrofuel business offer, equipment and services that will trigger a long term dynamics for the development of Jatropha oil production;
- A positive Malian general public perception of agrofuels as credible oil product alternatives.

Objective

To develop and promote a sustainable model for the production and use of Jatropha oil at the national level. The project will contribute to reducing the use of diesel, and will promote decentralized Jatropha oil production through private investments that comply with environmental and social sustainability criteria, avoiding competition between biofuels and food production.



Project Components

- Establish a sustainable biofuel development strategy, including the creation of a consultation framework to be dynamically managed by ANADEB.
- Develop an approach to mobilize international carbon finance for deployment at national level.
- Remove barriers to private sector investment through implementation and enforcement of an appropriate regulatory framework.
- Assist ANADEB with measures related to oversight of Jatropha product quality and compliance with international criteria, biofuel pricing, and private investments in the biofuel sector.
- Improve the national research & development activities related to Jatropha oil production, including work on agricultural productivity, health risks, and technical and economic models.
- Engage with rural communities to promote their role as informed, responsible stakeholders.
- Establish a promotion fund to support modified engines that run on Jatropha oil.

Executing Partners/Agencies at National Level

The executing partner/agency in this project is ANADEB, the agency specifically responsible for coordinating Mali's strategy for agrofuels promotion.

Project Budget

GEF – US\$ 1.1 million (including PPG and agency fees); Co-financing – US\$ 5.8 million

Progress

- The project team has been recruited.

| Activities | Timeframe | |
|--------------------------|-----------|------|
| CEO Endorsement/Approval | September | 2011 |
| Implementation Start | March | 2012 |
| Mid-term Evaluation | November | 2013 |
| Project Closing Date | October | 2015 |

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