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CASE: Jatropha Oil Production for Local Energy Use, Mali

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Executive Summary

- Mali is a land locked country and imports in 2011, in 2011, Mali imports 904,100 TEP.m³ of fuel around 89 bi-millions USD. This increase each year of 34% (source DNE, 2007),
- Biofuel of jatropha is one of the solutions to reduce the fossil fuel import,
- In local level MFC has initiative with its partners jatropha production for clean energy for mitigation measure,



Case Description

- Provide clean energy to Garalo, a village of 10,000 population,
- 450 farmers to grow jatropha in 1000 ha, in individual field (0,5-1 ha) hedge,
- 400 clients (household, small business, and communities) benefits from electricity
- Potential production of 200,000litre of Strenght vegetal oil,

Climate Mitigation Measure

- 1000 hectares of Jatropha can reduce CO2 sequestration,
- The substitution of diesel and kerosene 540 ton CO2/year,
- Farm can earn new income by selling jatropha seed (0,16USD/kg)
- Improve living life with clean energy (0,46USD/Kwh+6USD monthly fix price,

For perspective

- With 5 million litre of SVO, Mali can reduce its fossil fuel importation and also save more than 13500 tons of CO2 by year





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THANK YOU

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