

Project title : BIOGAZ DIANA - Providing biogas digesters in the Diana Region, North of Madagascar

| Project place | Project cost | Role in the project | Technical and financial sponsors | Dates |
|---------------|--------------|---------------------|---|------------------------------|
| Madagascar | 580 000 € | Coordination | OSDRM, PAMF - Microfinance, AKDN - Aga Khan Foundation, EU - European Union, Commission de l'Océan Indien | January 2017 - November 2019 |

Project's goals and results

Main goals

Install 120 biogas digesters for rural families or economic operators and to disseminate to at least 500 improved woodstoves

Specific objectives

For more than two years, the OSDRM works in Ambilobe and Ambanja districts (Diana region) on promoting agricultural sectors (food, fodder and cash crops), on financial literacy and on micro-finance by establishing community-based savings groups (GEC) in villages. Since 2008, Etc Terra is active in the Diana region via the PHCF (REDD+ project) and since 2012, Etc Terra is implementing a biogas digesters' project in southern Mali. It is on that basis that Biogaz DIANA Project was designed.

Beneficiaries

The beneficiaries are farming families that were selected on predetermined criteria thanks to the Biogas project in Mali : number of dairy zebus, kitchen aspect, water access, motivation and commitment, etc.

Results

- R1.** Less pressure on wood resources, fight against erosion
- R2.** Reduction of GHG emissions
- R3.** Less in-home air pollution (respiratory and ocular infections)
- R4.** Improved energy access (clean, sustainable and more modern)
- R5.** Access to micro-finance solutions and improvement of financial management
- R6.** Time saving for beneficiaries on cash activities (wood harvesting, cooking time and utensil cleaning)
- R7.** Job creation in the biogas sector and improved woodstoves
- R8.** Local economic vitality creation
- R9.** Rising incomes of biogas beneficiaries via yield increase and time saving

Activities

- A1.** Creation of a real biogas alternative to firewood: reinforcement of an existing biogas operator, training of masons, communication on biogas
- A2.** Creation of a sustainable improved woodstoves sector in the region: strengthening of a craftsman in improved stoves, training of local entrepreneurs who market homes in villages
- A3.** Increasing beneficiaries' incomes by increasing crop yields through the use of digestate, access to community-based savings groups or micro-credits (financial literacy), increasing the time available for income-generating activities
- A4.** Training and follow-up on the duration of the installations
- A5.** Organization of culinary demonstration session
- A6.** Establishment of demonstration plot of the use of digestate
- A7.** Measuring increasing yields through the use of digestate and the decrease in the use of fuel wood or charcoal (saving time and income)