

Project title : MADAGROVE - Development of local bioenergies to preserve mangrove in Madagascar

Project place	Project cost	Role in the project	Technical and financial sponsors	Dates
Madagascar	135 000 €	Biomass & Energy expert	Blue Ventures Conservation	January 2019 - December 2023

Project's goals and results

Main goals

The project is part of a strategic partnership of the [Blue Forests](#) program on actions to reduce pressure on mangroves and natural forests in the districts of Ambanja and Nosy Be in the Diana region

Specific objectives

SO1. Increase the supply of wood energy, including sustainable charcoal

SO2. Reduce the demand for charcoal by optimizing its consumption

Beneficiaries

- **Reforesters** and **Sylviculturists** from the Blue Ventures intervention zone as each part in the value chain, from producers to final consumers
- **Rural and urban** populations
- Actors of the **local authorities** such as the French Water and Forestry Headquarters

Mangrove trees in a mangrove zone

Results

Activities

A1. Analysis of the "charcoal" industry in DIANA region focused on the Ambanja district and evaluation of **alternative solutions** to reduce production of charcoal from mangrove wood

A2. Technical support on **forest management** in reforestation plots carried out by Blue Ventures beneficiaries

A3. Development, **energy performance** evaluation and dissemination study of improved carbonization practices

A4. Development, energy performance evaluation, market research and dissemination of **improved cookstove models** for restaurant-related productive uses

A5. Techno-economic feasibility study for the creation of a **bio-charcoal factory** based on charcoal residues found in charcoal transport and storage areas

A6. Development of **bio-charcoal production and commercialization** based on renewable biomasses