

## Babilonia Hydroelectric Project

The project consists of a **small run-of-river hydroelectric** project with 4MW of installed capacity, built along the Babilonia river. The main purpose of the project activity is to **avoid the construction of new thermal power plants** by generating electricity through sustainable, clean and secure means, using hydropower resources. This will contribute to a **more reliable and secure provision of electrical services** in the area. Besides reducing the dependency on fossil fuels, this project will trigger local development.



### Basic data

Country 

Location El Ocotal, Honduras

Project type Mini hydraulic

Annual volume 18.930 VER per year

Project status Credits registered and issued

### Verification Standard





## Impacts

### Environmental

- Accomplishment of the whole environmental regulations of Honduras
- Association with a **programme for reforestation** with native species
- **Technical education** for the population living close to the river, for improving the production by applying sustainable agriculture techniques that help preserving the natural surroundings of the project.
- **Reduction of the dependence in fossil fuels**, as no new thermal energy plants will be built.
- **Mitigation of the emission** of CO<sub>2</sub>, SO<sub>x</sub> and NO<sub>x</sub> and reduction of the public health problems related to atmospheric pollution.



### Social

- **Employment 400 people** during the construction of the hydroelectric project, and opening of 19 to 49 permanent work positions for the remainder of the project life time.
- **Promotion of the development** in local communities by providing electrification to 5 nearby villages in the municipality of El Ocotal.
- **Funding of a social program** for the local communities, which includes the following actions:
  - Scholarization of local populations (at primary, secondary and university levels)
  - Construction of a police station, that reduced 90% of the delinquency
  - Donation of a mobile dental health unit for scholars
- **Promotes decentralization** of the economy, bringing opportunities to rural areas.

