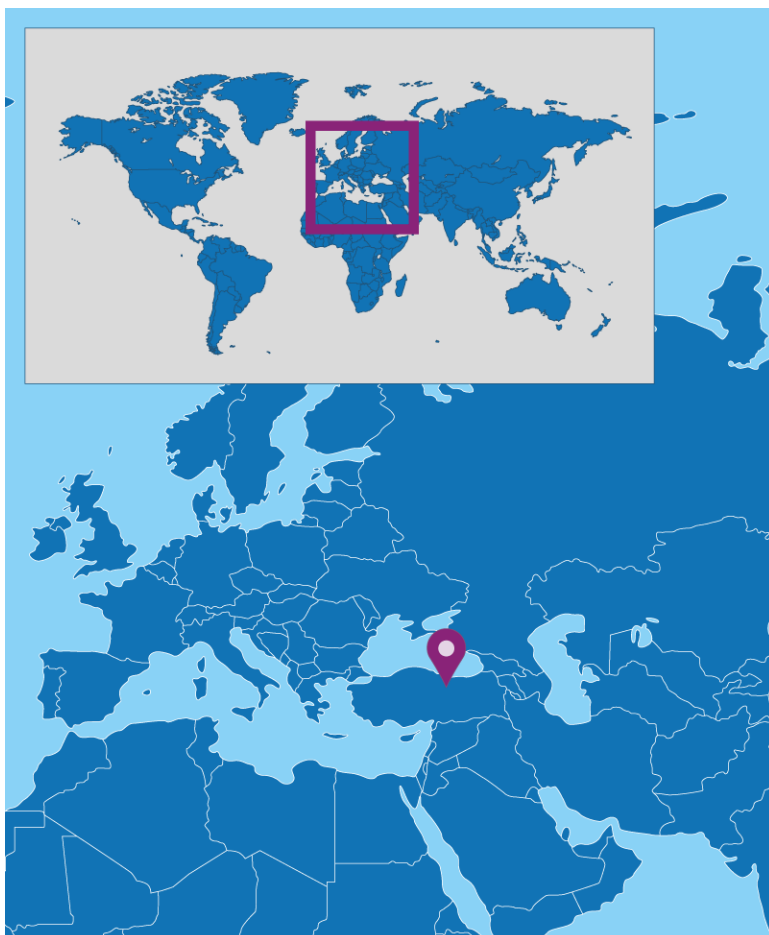


Darica Hydro Power Plant Project

The Power plant will be constructed **on the Melet River in the Mesudiye district, Ordu Province, Turkey**. The objective of the Project activity is to **supply about 99 MW of renewable electricity** to the rapidly growing Turkish electricity market. The Project is expected to **generate about 327,690 MWh of electricity annually and to reduce 209,722 tonnes of CO2 emissions per year**. Daica project will also help in **reducing the poverty in the area and contribute to the sustainable development goals**.



Basic data

Country 

Location Ordu, Turkey.

Project type Hydraulic

Annual volume 209,722 VER per year

Project status Credits registered and issued

Verification Standard



Impacts

Environmental



- **Reduction of greenhouse gas emissions** due to the production of electricity with hydroelectric power.
- **Improvement of energy efficiency.**
- **Compliance with excavation regulations, construction avoiding negative impacts to the environment.**
- **Control of solid waste and soil contamination.**
- **Reduction of water pollution** through a detailed control of its quality.
- **Reducing the demand for new thermal power plants using fossil fuels** and the dependency on imported energy sources.

Social

- **Creating direct and indirect employment opportunities** for the local people during construction and operation phases.
- **Ensuring sufficient, reliable and clean energy** in order to **support social and economic development.**
- **Encouraging investment in renewable energy sources** to meet growing energy demand.
- **Providing easier access to villages** in the region through **newly built roads.**