



Small hydro power, Turkey

Hydro power is a form of energy that is generated by the conversion of free-falling water into electricity, generating no emissions or waste at all.

Location



The project is located in Muğla Province, in Eagean mountainous region, Turkey. The locals earn their living from mining and horticulture.

Project



The project is single a run-of-the-river hydro-electric power plant with an installed capacity of 8.9 MW, producing 35,000MWh electricity annually.



Project achievements



Socio-economic impact:

- The primary school has been renewed and a basketball field has been built through financial aid by the project owner.
- Bridges and new roads have been constructed and existing roads are modernized for the village residents, facilitating their access to other towns, hospitals, advanced schools, and markets.
- The PO has contributed to the renovation of the local mosque through the provision of construction materials.
- The construction materials have been purchased from the local market, providing an extra income for the community.
- For the forestry management, the PO built a storage field so that the seeds are kept properly. This has had a positive effect on to the people since they can manage their plantation activities better.
- Reconstruction of irrigation channels for the farmers
- The project has created direct and indirect employment opportunities in the region, as jobs have been created for the local people living from the villages close to the project site. 100 workers have been hired during the construction phase and 8 employees are working permanently in the power plant.

Checklist Project 300 276



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