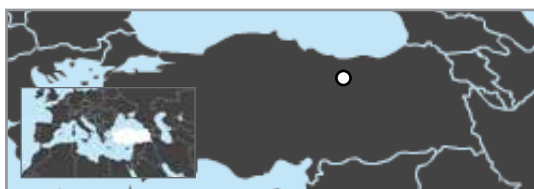




Yeşil small run-of-river hydro, Turkey

Run-of-river hydropower is a form of energy that is generated by the conversion of free-falling water into electricity. It generates no emissions or waste and comes without flooding since no dams are needed.

Location



The project is located in Sivas province, north-east Turkey. The remote region is part of the Pontic Mountains which elevate up to 3'900m. The water for the hydro plant comes from Yeşilirmak river that eventually leads to the Black Sea.

Project



In the remote mountains of Anatolia, this run-of-river hydropower station uses three turbines with a total capacity of 14MW to generate clean energy from river Yeşilirmak.

Located above 1'400m in altitude, the project is using a natural height difference to generate about 50GWh of clean power per annum, replacing electricity from fossil-fuel based power plants.

Checklist Project 301 513

✓ Additionality and permanence:	according to the rules of the VCS
✓ 3 rd party verified::	by Bureau Veritas
✓ Transparency:	provided by Markit Environmental Registry
✓ Annual CO ₂ -reduction:	27,000 tCO ₂ e
✓ Social and environmental benefits:	as documented in our database
✓ Marketing material:	pictures available

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