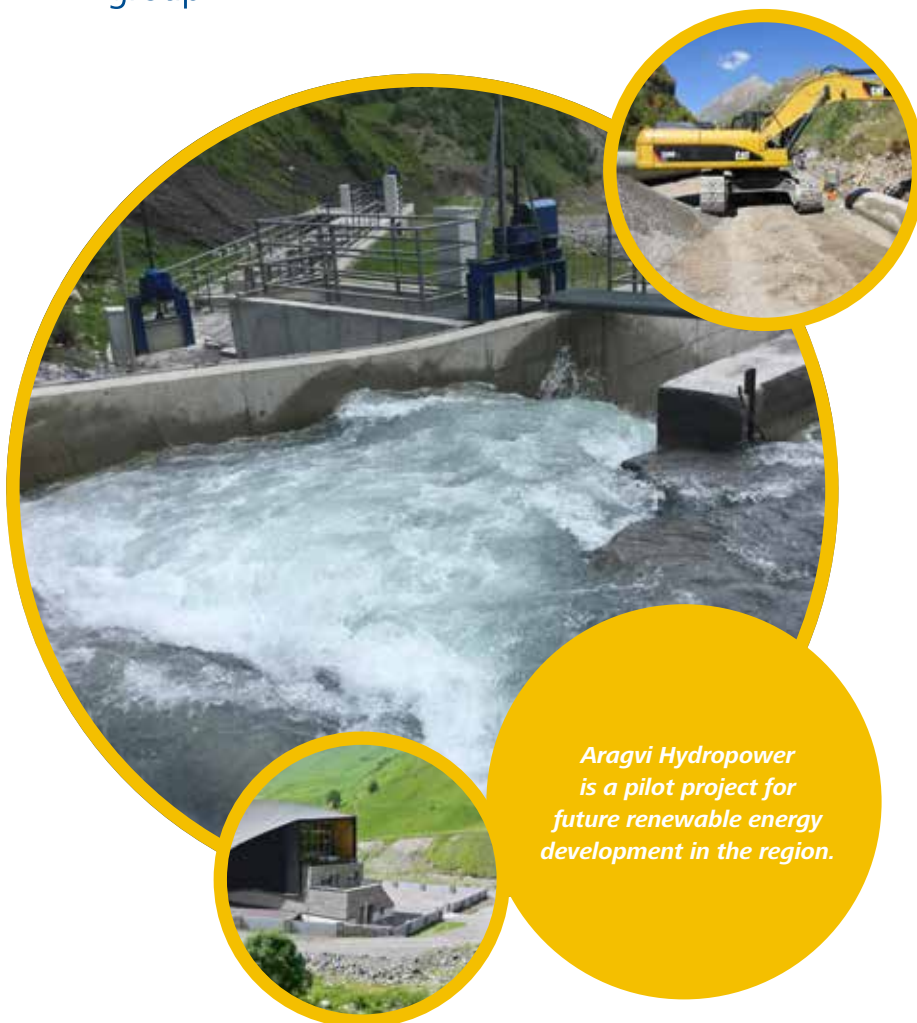


ARAGVI HYDROPOWER PROJECT GEORGIA

**Renewable energy in the Caucasus
Mountains, Georgia**



The Aragvi Hydropower Project is located on the Tetri Aragvi River in the Caucasus Mountain Range in the Northeast of Georgia. A two-unit hydropower plant with an installed capacity of 9.72 MW harnesses the flow of the river to generate 50,600 MWh of clean energy each year, which is fed into the national grid and helps close the supply-demand gap in the alpine region.



*Aragvi Hydropower
is a pilot project for
future renewable energy
development in the region.*

Due to electricity shortages and the interruption of a power supply line from Russia, illegal logging for firewood in the forests of the Gudauri region increased, especially in populated areas. Negative impacts on the environment included the release of greenhouse gases, soil erosion, and disruptions of the fragile water ecosystem.

The Aragvi Hydropower Project generates approximately 50,600 MWh of clean electricity every year to meet the increasing energy demand of the Gudauri region, a renowned ski resort in the Caucasus mountains. It supports the sustainable development of the small scale tourist industry, a crucial source of income for the local population.

This CER project provides employment opportunities and prevents approximately 22,891 tonnes of greenhouse gases from entering the atmosphere each year.



50,600

MWh generated per year



DECENT WORK

Permanent jobs created



22,891

GHG emissions reduced in
relevant year (tCO₂e)

PROJECT HIGHLIGHTS

For more information on the UN Sustainable Development Goals please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>