



555,166

SAVED EMISSIONS
TONS CO2 EQ /YEAR



DakRTih Hydropower Project, Vietnam

 Vietnam

PROJECT-ID: 4537 FZ-ID: 2220



DakRTih Hydropower Project, Vietnam

Hydroelectric power plant on the Dong Nai River

The project activity consists in the construction and operation of a hydropower plant with reservoir in DakLap district of Dak Nong province near Gia Nghia town in the Central Highlands of Vietnam. The owner of the DakRTih hydropower plant is Construction Corporation No 1 Company Limited.

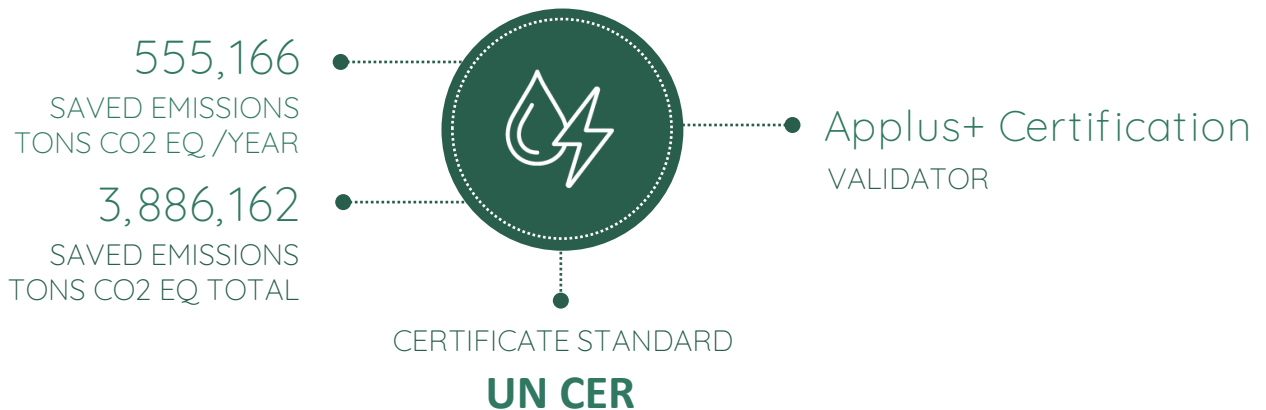
The dam generates approximately 636,900 MWh annually with an installed capacity of 144 MW. The project includes two cascades: an upper cascade, DakRTih-1, with a capacity of 82 MW, and a lower cascade, DakRTih-2, with a capacity of 62 MW.

Using water from the Dong Nai River and

other rivers and streams in the region, DakRTih will provide electricity as well as water for thousands of hectares of vegetable crops. The upper dam has a dammed area of 11.08 km² and the lower dam has an area of 0.166 km². The energy intensity is about 12.8 W/m². The generated electricity is transmitted from the lower dam to the upper dam via a 4.668 km AC330-220 kV transmission line, and from the upper dam via a 3.269 km single 500 kV transmission line to the DakNong substation, where it is fed into the national grid.

[For more information please click here.](#)

Overview of the project data:

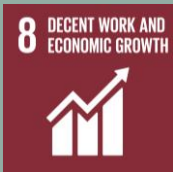


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The project contributes to the following sustainability goals:



Affordable and clean energy:
Renewable energy sources and technologies are promoted, diversifying energy sources and securing energy supplies for Vietnam's sustainable economic growth.



Decent work and economic growth:
The construction of the power plant resulted in the creation of 1,851 additional jobs during the construction phase and 124 permanent jobs during the operation of the hydropower plant.



Climate action:
The operation of the project will avoid 555,166 tCO₂e annually through the generation of energy from renewable sources.