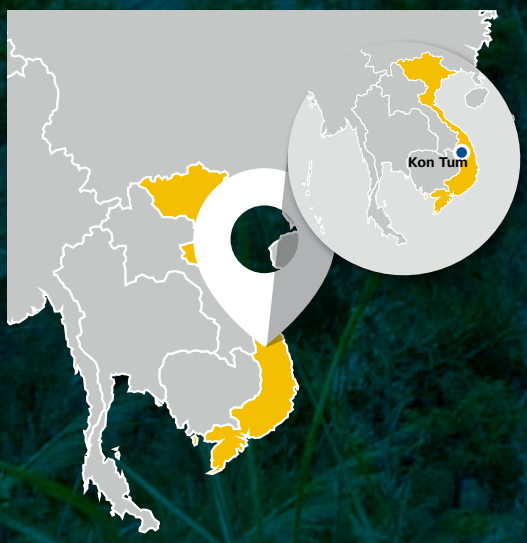
south pole

DAK PONE HYDRO POWER VIETNAM

Clean hydropower supporting education in Vietnam



The Dak Pone Hydro project provides the surrounding community with reliable, sustainable energy that displaces diesel generators and wood-fired heating and lighting. This leads to better indoor and outdoor air quality, and reduces respiratory and eye diseases. Sustainable development is also supported through the construction of irrigation canals, bridges, roads and a local school.

The Context

The remote and mountainous province of Kon Tum is home to economically disadvantaged ethnic minorities such as the Se Dang, Mo Nam, Ka Dong and Ho Re people. Fossil fuels are still the most common source of power – and because of increasing human activity, air pollution from diesel generators and deforestation from wood-fired heating significantly impact both the environment and the livelihood of these local communities.

The Project

This project involves the installation of two hydropower plants: one on the Dak Pone River and the other on the Dak Ne River. By harnessing the natural power of flowing water, these plants provide the region with reliable and sustainable energy.

The Benefits

The introduction of clean energy has already reduced the area's reliance on more carbon-intensive energy sources and helped to secure the energy supply. This means improved regional air quality and the associated health conditions, plus the regeneration of surrounding forests. Sustainable development in the region is facilitated by the project through the following activities. Investments in infrastructure, constructing irrigation canals, bridges, road and installing tap-water pipelines for a number of households; renovating classrooms; improving the electricity system for a primary school for pupils of ethnic minorities in the community; social activities are organised for the local community such as giving presents for 60 households of ethnic minorities in the projects "Cosy Winter" programme. Finally, the project provides secure local economic opportunities with long-term employment contracts, which include medical insurance and has established a Tade Union and Youth Union for employees to air grievances on any issue.

The project has provided local farmers with support to make their agricultural activity more sustainable.

68,409 MWh

of clean power generated on average annually by plants, ensuring affordable, clean energy for the surrounding communities

18 permanent jobs

created with employees trained in technical hydro powerplant operations

56,070 tCO_2e

reduced on average annually, directly contributing to climate change mitigation

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

Official name: Dak Pone Hydropower Project | **Registary link:** https://mer.markit.com/br-reg/public/project.jsp?project_id=100000000001109 | **Markit ID:** 1109