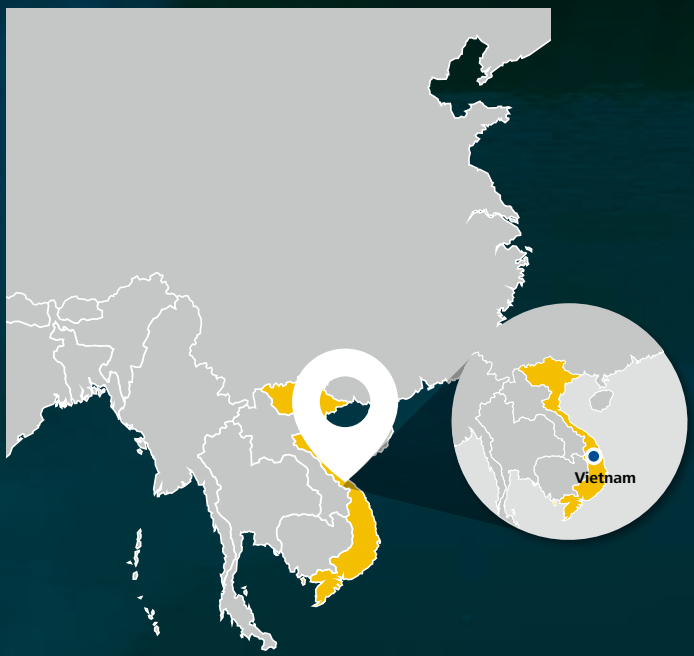
south pole

SOURCING CLEAN ENERGY FROM WATER

VIETNAM



Clean energy and sustainable development in Vietnam

This initiative consists of several small hydropower plants across Vietnam. These plants harness the natural power of rivers to generate renewable, clean energy for Vietnam's expanding economy.

south pole

The Context

In countries like Vietnam, where infrastructure is racing to keep up with increasing energy demands, initiatives that utilise clean, alternative ways to generate electricity are on the rise. Hydropower technology is a viable alternative to fossil fuels, especially for remote areas that often do not have a consistent supply of energy to their homes.

The Project

This project consists of hydropower projects with an installed capacity of up to 30 MW. River water is diverted into turbines that in turn generate clean, fossil-fuel free energy. The electricity generated by each plant is then transmitted to the closest grid connection anywhere across Vietnam. By providing an alternative energy source to the burning of fossil fuels, this project reduces the amount of greenhouse gas emissions entering the atmosphere.

The Benefits

Beyond environmental benefits, this initiative creates social and economic opportunities for inhabitants of the project area. Jobs are created for local people both during construction and operation phases of the plants. By improving low-quality infrastructure systems where minority ethnicities settle, the project provides additional service benefits for local communities. The project has upgraded roads and traffic systems. Moreover, the communication system and clean water treatment serving for workers of the project during both construction and operation phases is shared with local people.

Creating clean energy and bringing sustainable development to rural communities

SUSTAINABLE DEVELOPMENT GOALS
17 GOALS TO TRANSFORM OUR WORLD

Gold Standard

731,957 MWh/year

of clean energy provided to the Vietnam National Grid in 2017, promoting renewable energy development in Vietnam

171 jobs

created for local people, boosting economies by creating new income streams

197,350 tCO_2e

reduced on average annually by providing an alternative energy source to the burning of fossil fuels

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

Official name: Sustainable Small Hydropower Programme of Activities (PoA) in Viet Nam | **UNFCC/markit/VCS link:** https://mer.markit.com/br-reg/public/master-project.jsp?project_id=103000000001045 | **UNFCCC/markit/VCS ID:** 1045 | **GS ID:** GS 1354