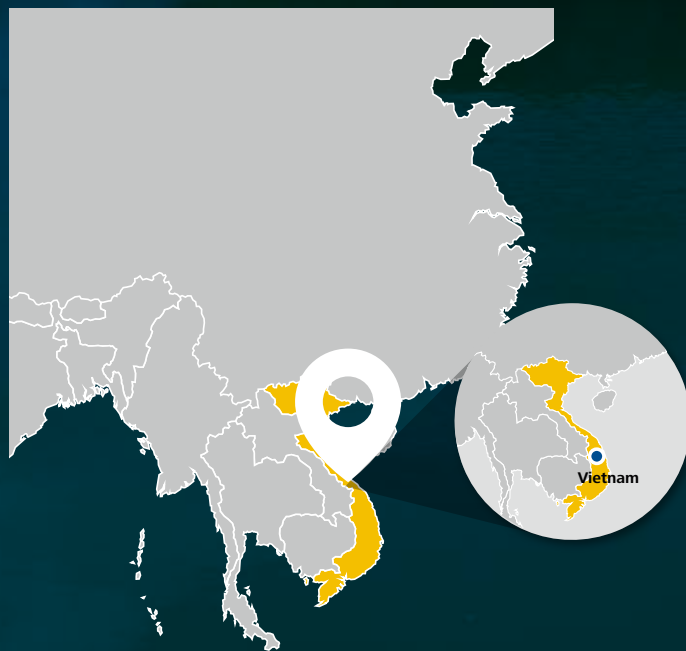


SMALL HYDRO VIETNAM

Clean energy and sustainable
development across Vietnam



This initiative consists of several small, low-impact hydropower plants across Vietnam. These plants harness the natural power of rivers to generate clean, renewable electricity to facilitate low-carbon, sustainable growth for Vietnam's expanding economy.

The Context

In countries like Vietnam where infrastructure is racing to keep up with energy demands, the growth of clean energy initiatives is important to ensure low-carbon, sustainable economic development. Hydropower technology is a viable alternative to the burning of fossil fuels, especially to power remote areas where electricity supply is often not readily available.

The Project

This project consists of several small-scale, low-impact hydropower plants with installed capacities of up to 30 MW each. River water is diverted into turbines that it turns, generating clean, renewable energy. The electricity generated at each plant is then transmitted to the closest grid connection, wherever in Vietnam that may be.

The Benefits

Beyond reducing emissions, this project creates social and economic opportunities for Vietnamese communities. Jobs are created for local people both during the construction and operation of each hydropower plant. As well ensuring electricity supply for remote communities, the project has upgraded local roads and traffic systems, and created improved communication systems and clean water treatment initiatives – infrastructural improvements created by and for the project, that are then shared with surrounding communities.

Creating clean energy
and bringing sustainable
development to rural
communities



**731,957
MWh**

of clean energy supplied to the Vietnam National Grid in 2017, supplanting fossil fuel-generated electricity and promoting Vietnam's renewable energy sector



**170+
jobs**

created for community members, boosting local economies by creating new income streams



**197,350
tCO₂e**

reduced on average annually, by providing an energy alternative 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 | **UNFCCC/markit/VCS link:** https://mer.markit.com/br-reg/public/master-project.jsp?project_id=1030000000001045 | **UNFCCC/markit/VCS ID:** 1045 | **GS ID:** GS 1354