PROJECT

HYDROPOWER

Boosting innovation in the hydropower sector

The objective of HYDROPOWER project is to provide a forum for all key actors in the European hydropower sector (industry, research, policy-makers, researchers and end-users), as well as to define a strategic research and innovation agenda.

zabala innovation consulting

This project has received funding from the European Union's Horizon2020 Research and Innovation Programme under Grant Agreement Nº 826010

8	4	€993 K	3
PARTNERS	COUNTRIES	TOTAL BUDGET	YEARS

HYDROPOWER EUROPE

IN A CLICK

Coordinator	Programme	Dates
ICOLD	HORIZON 2020	2018-2021
Sector	**Web**	
Energy	https://hydropower-europe.eu/	

01 Challenge

Hydropower remains the single largest source of renewable electricity across Europe, generating an estimated 600 TWh of clean electricity in 2017, about 12% of Europe's electricity generation. With more than 30% of hydropower potential still untapped, this clean source of energy has all the characteristics to serve as an excellent catalyst for a successful energy transition.

02 Solution

HYDROPOWER EUROPE will provide a forum for the entire European hydropower community: industry, research, policymakers, end users and academia, active throughout its value chain. It will define a Strategic Research and Innovation Agenda (R&IA) and a Technology Roadmap (TR) that will be aimed al helping and guiding funding authorities and particularly the European Commission to prioritize support where it is most needed to adapt the sector to the constantly evolving energy system.

03 Impacts

HYDROPOWER EUROPE will increase hydropower production through the implementation of new environmentally friendly schemes, adapt and optimize infrastructures and equipment with innovative solutions for the mitigation of environmental impacts, increase storage by the heightening of existing dams and the construction of new reservoirs, which will support food and water supply contributing to the Water-Energy-Food NEXUS and achievement of the Sustainable Development Goals of the United Nations.