

Hydropower Solutions

HYPOSO

**HYDROPOWER SOLUTIONS FOR
DEVELOPING AND EMERGING COUNTRIES**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857851.

OBJECTIVES

The HYPOSO Project aims at stimulating the energy transition in developing and emerging countries, and at supporting the European hydropower industry. Thirteen project partners from Europe, Africa and Latin America work together to achieve the following objectives:

- increase the share of renewable energy in targeted regions
- better investment conditions in the target countries
- policy recommendation papers
- promotion of the European hydropower industry



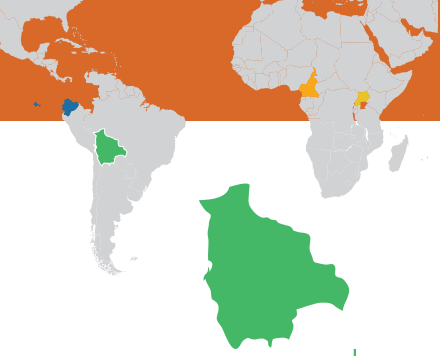
The HYPOSO objectives will be achieved by a combination of tools and activities.

- framework analyses with regard to small hydropower up to 30 MW for selected target countries (Bolivia, Cameroon, Colombia, Ecuador and Uganda);
- mapping of more than 2,000 potential hydropower sites in the target countries for further exploring with a geo information system (GIS) mapping tool;
- capacity building for local stakeholders in the target countries (i.e. hydropower professionals – young and senior, political deciders);
- in cooperation with local experts and political stakeholders, elaboration of 15 dedicated business case studies of SHP projects (three in each of the five target countries) with a focus on local financing;
- stimulate the energy transition in developing and emerging countries.
- events to bring together stakeholders from Europe and from the target countries.



TARGET COUNTRIES

EXPECTED IMPACT IN TARGET COUNTRIES



BOLIVIA	COLOMBIA	ECUADOR	CAMEROON	UGANDA
increase rural electrification (from 73%)	increase share of Renewable Energies (to replace 10% coal)	increase share of Renewable Energies (to replace 36% non-RE)	increase electrification rate (from urban: 54% and rural: 17%)	increase electrification rate (from urban: 78% and rural: 38%)
Increase the pool of hydropower experts in all target countries (capacity building activities workshops)				
In cooperation with national and regional stakeholders, HYPOSO aims to create new local jobs (replicable feasibility studies)				

HYPOSO CONSORTIUM

EREF
European Renewable Energies Federation



Belgium: EREF

Bolivia: UMSS

Cameroon: SHW

Colombia: CELAPEH

Ecuador: EPN

Germany: WIP Renewable Energies

Italy: Studio Frosio

Lithuania: VDU

Netherlands: 1to3 Capital, IHE Delft

Poland: TRMEW, IMP PAN

Uganda: HPAU



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Find detailed information about the project and the target countries

Discover unexplored sites on the HYPOSO Map:

<https://www.hyposomap.com>

Get engaged and join the HYPOSO Platform:

<https://www.hyposo.eu/en/hyposo-platform>



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<https://www.linkedin.com/groups/13802479/>

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