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EU European Researchers’ Exploitation Platforms
Belgium: EREF
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Ecuador: EPN
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HYDROPOWER SOLUTIONS FOR DEVELOPING AND EMERGING COUNTRIES
Find detailed information about the project and the target countries
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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 exploration with a geoinformation 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 and national financing;
- 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 and national financing;
- stimulate the energy transition in developing and emerging countries.

In cooperation with national and regional stakeholders, HYPOSO aims to create new local jobs (replicable feasibility studies).

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;
- 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).

The target countries are expected to impact in target countries:

- 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 number 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).