

Hydropower Solutions HYPOSO

HYDROPOWER SOLUTIONS FOR DEVELOPING AND EMERGING COUNTRIES

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

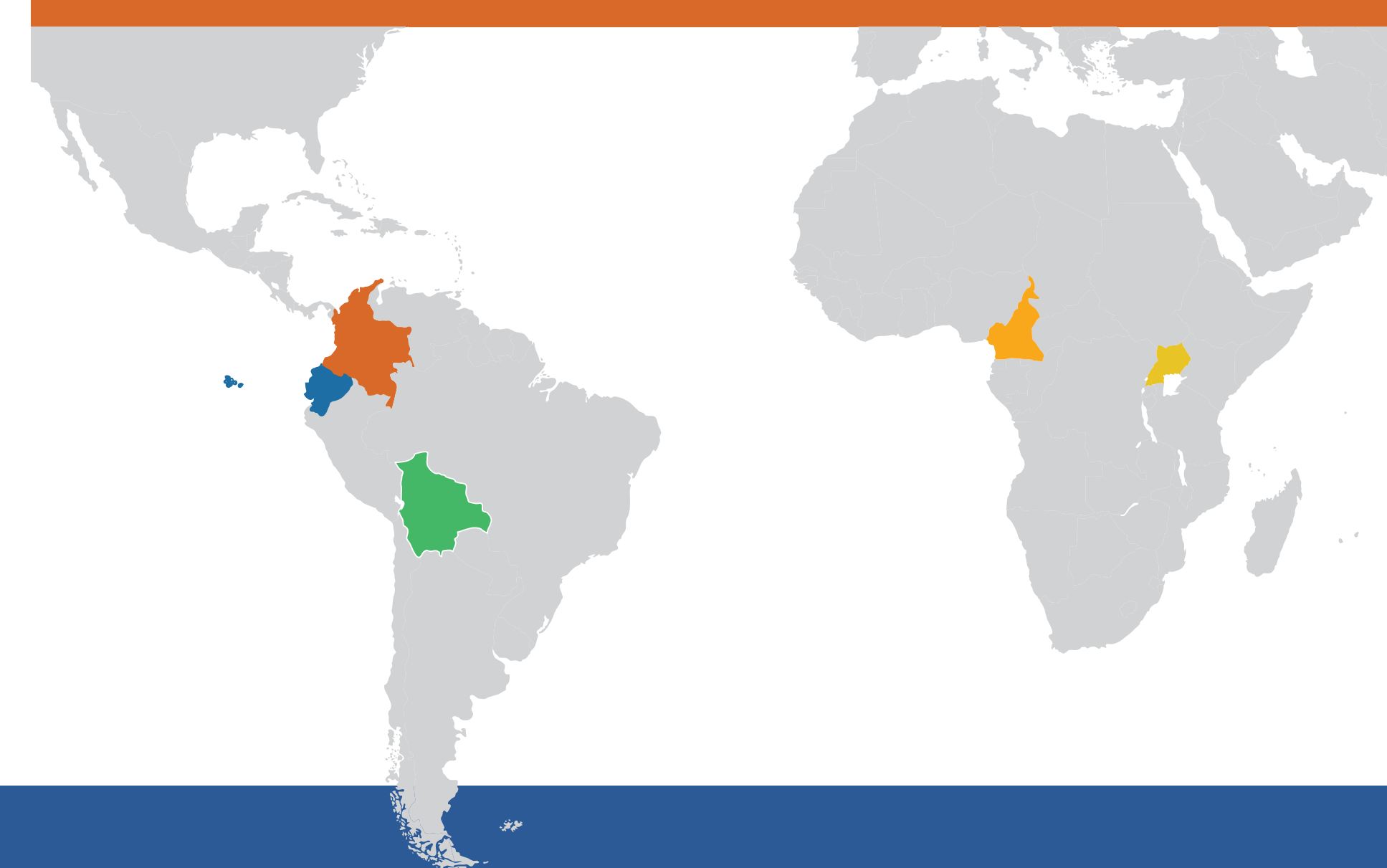
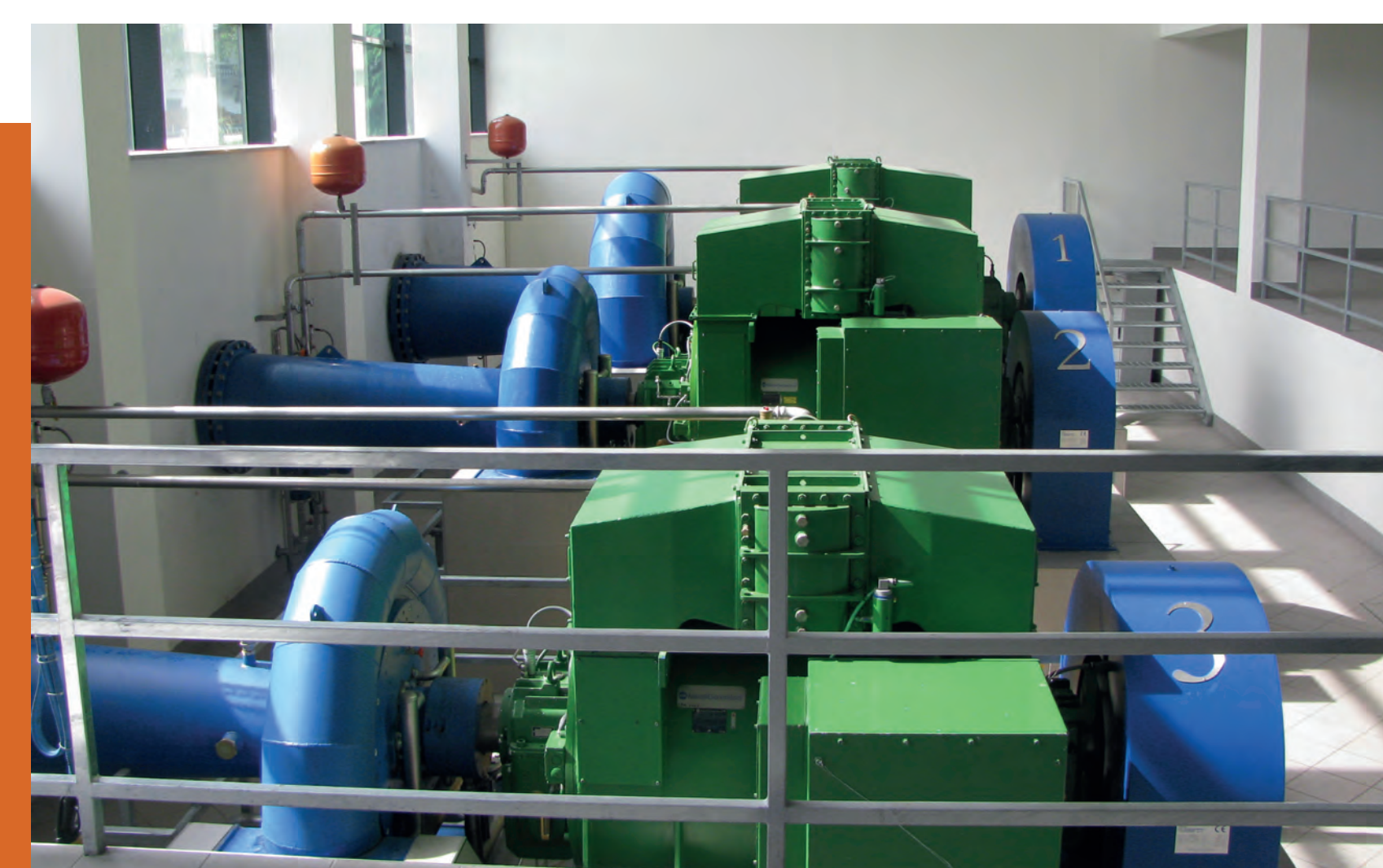


The HYPOSO objectives will be achieved by a combination of tools and activities.

- 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 35% 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

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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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