

Promoting the European small hydropower industry

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Intro

EREF Small Hydropower Chapter

The European small hydropower industry is considered to be a world leader, able to build tailor-made hydropower facilities all around the world. European hydropower equipment manufacturing competence accounted for an estimated two-thirds of the world market.

The Small Hydropower Chapter of the European Renewable Energies Federation (EREF) represents the small hydropower sector at EU level. EREF and its members aim to secure and enhance small hydropower's place as an equally important contributor to Europe's renewable energy mix and to create business opportunities for the many small and medium-sized hydropower producers. The Chapter hosts and moderates several networks of hydropower associations and industry stakeholders.

EU Small Hydropower Industry Initiative

EREF, in cooperation with partners from the EU project HYPOSO (<https://www.hyposo.eu/en/home/>), initiated the *EU Small Hydropower Industry Initiative* which focusses on the involvement of and information about the European industry and its technological leadership.

The initiative results in the set-up of a complete information package that includes an overview of the European small hydropower industry and its products, services, and innovations. This package serves as a basic tool for the promotion of European equipment producers, project developers and investors abroad. It should also help EU decision-makers to create better framework conditions for the domestic small hydropower sector.

1. Overview of the EU Small Hydropower Industry

EREF and its members and partners are in the process of developing the first comprehensive dataset of the European small hydropower industry, which currently does not exist.

1.1 Stakeholder List

This comprehensive list of European small hydropower stakeholders includes hydropower equipment producers, project developers and investors. It is a broad database with publicly available information of the stakeholders including:

- Country
- Name of organisation
- Stakeholder type
- Key Product/key activity
- Website
- Address

The list is sorted alphabetically by country name and is updated on a continuous basis. If you want your company to be listed, please write an email to HYPOSO@eref-europe.org.

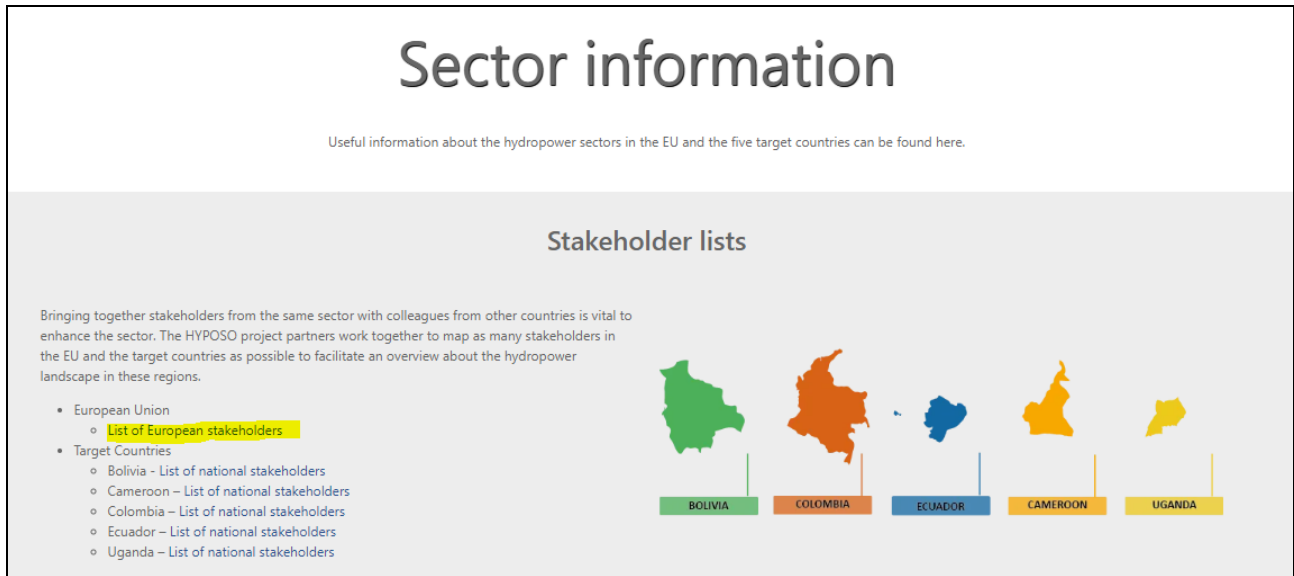


Fig. 1. Screenshot from the HYPOSO Website to introduce the Stakeholder List

1.2 HYPOSO Platform

While the stakeholder list includes basic information, the HYPOSO platform offers the opportunity for the stakeholders of the European hydropower industry to give more insights on their activities including contact persons and contact details. The platform allows for the filtering by region and stakeholder type thus facilitating the search for interested parties to find potential business partners.

EREF encourages small hydropower stakeholders to use this promotion tool (please see details in fig. 2 below).

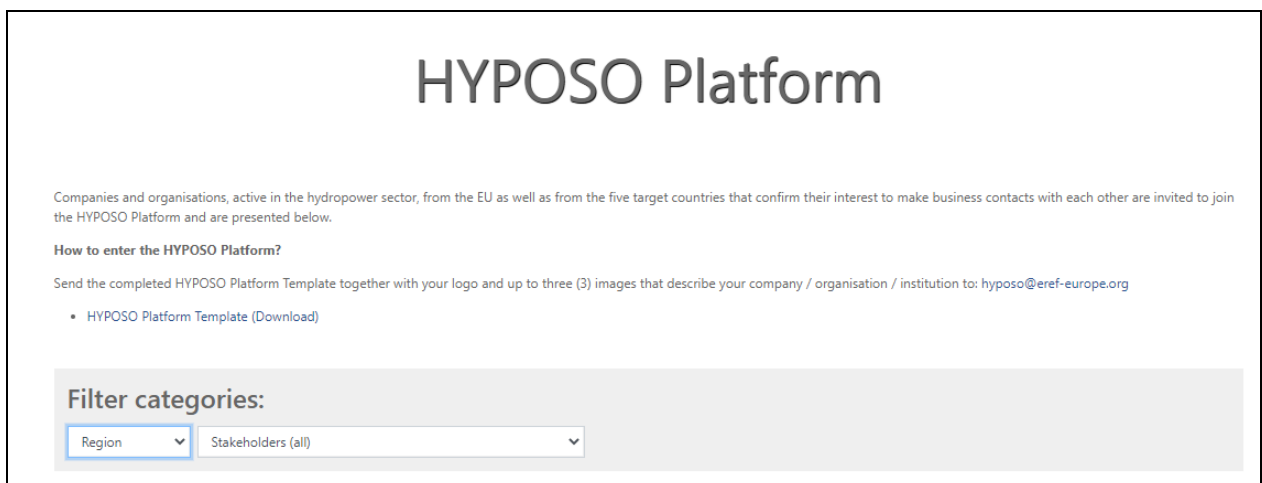


Fig. 2. Screenshot from the HYPOSO Website to introduce the HYPOSO Marketing Platform

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STUDIO FROSIO's core activities are:

Technical consultancy

- hydrologic and hydraulic reports
- due diligences
- feasibility studies
- functional and structural analyses of hydraulic works and equipment
- value optimization of produced energy



Environmental services

- Environmental Impact Analysis and/or Preliminary Screening

Authorization and construction design

- planning and design of hydropower plants
- technical documentation and assistance for the tenders of civil, hydraulic, electromechanical and electrical works
- structural works design

Construction phase

- supervision of the works
- technical, administrative and legal documents

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Fig. 3. Example of a stakeholder profile in the HYPOSO-Platform: Studio Frosio

2. Handbook on European small hydropower technology

Based on outdated publications of the former Hydropower Equipment Association (HEA) and the European Small Hydropower Association (ESHA), EREF and its partners are in the process of developing a new handbook on European small hydropower technologies and solutions. This promotional tool will include the latest innovation underlining the strength and international leadership of the European industry.

This handbook will be disseminated outside the EU from 2021 onwards, and will be available in English, French and Spanish to support the engagement and activities of European companies outside Europe.

The Authors

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