



Boosting hydropower II: best practices for research

Webinar 13:30-15:00

18th September 2024



Funded by
the European Union

www.etip-hydropower.eu

Agenda

13:30 – 13:45: Welcome and introduction to ETIP HYDROPOWER.

Speaker: Anton Schleiss (ICOLD-EPFL)

13:45 – 13:50: European Commission overview about research for hydropower.

Speaker: Emanuele Quaranta (JRC-European Commission)

13: 50 – 14:05: Demonstration of Sustainable Hydropower Refurbishment (Re-Hydro).

Speaker: Mauro Carolli (Technical Coordinator, SINTEF Energy Research, Norway)

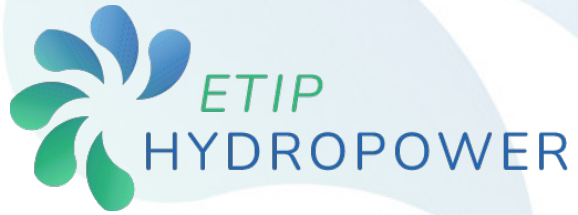
14:05 – 14: 20: Enabling Europe's hydropower storage potential through sustainable pumped storage technologies (Store2Hydro).

Speaker: Staffan Lundström (Coordinator, Luleå University of Technology, Sweden)

14:20 - 14:35: Renewable Energy in European Water Mills (RENEWAT)

Speaker: Clement Van Straaten (Consultant, ASKEUL, France)

14:35-15:00: Q&A session with all the speakers



Welcome and introduction to ETIP HYDROPOWER

Anton SCHLEISS

Scientific Coordinator ETIP HYDROPOWER

ICOLD-EPFL



ETIP HYDROPOWER vs ETIP HYDROPOWER project

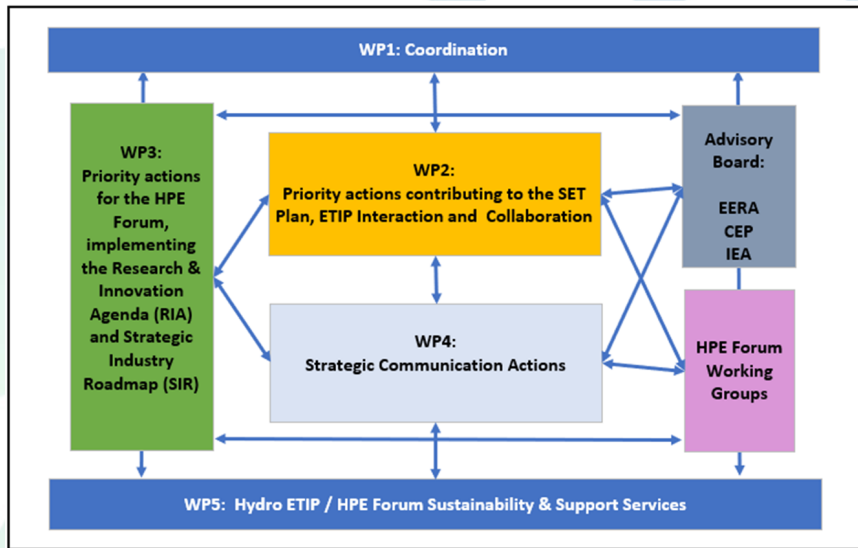
- **ETIP HYDROPOWER Consortium** – Horizon Europe project 2022-2025 (Grant Agreement No. 101075620) providing secretariat to the newly established ETIP-Hydropower
- **Project partners:**



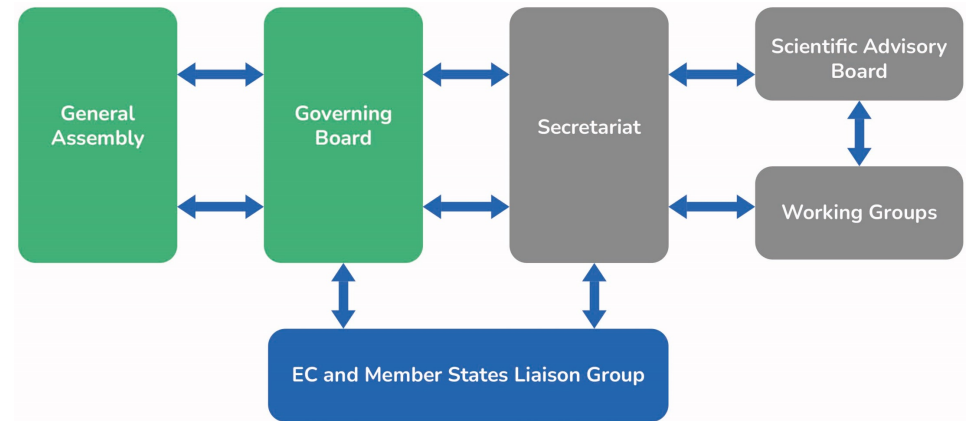
KEY PROJECT ACTIONS:

- Establishing & implementing ETIP governance structure
- ETIP participation in the SET Plan process
- Facilitating RIA and SIR priorities
- Facilitating R&I
- Establishing a sustainable organisation

First, a quick reminder of the goals...

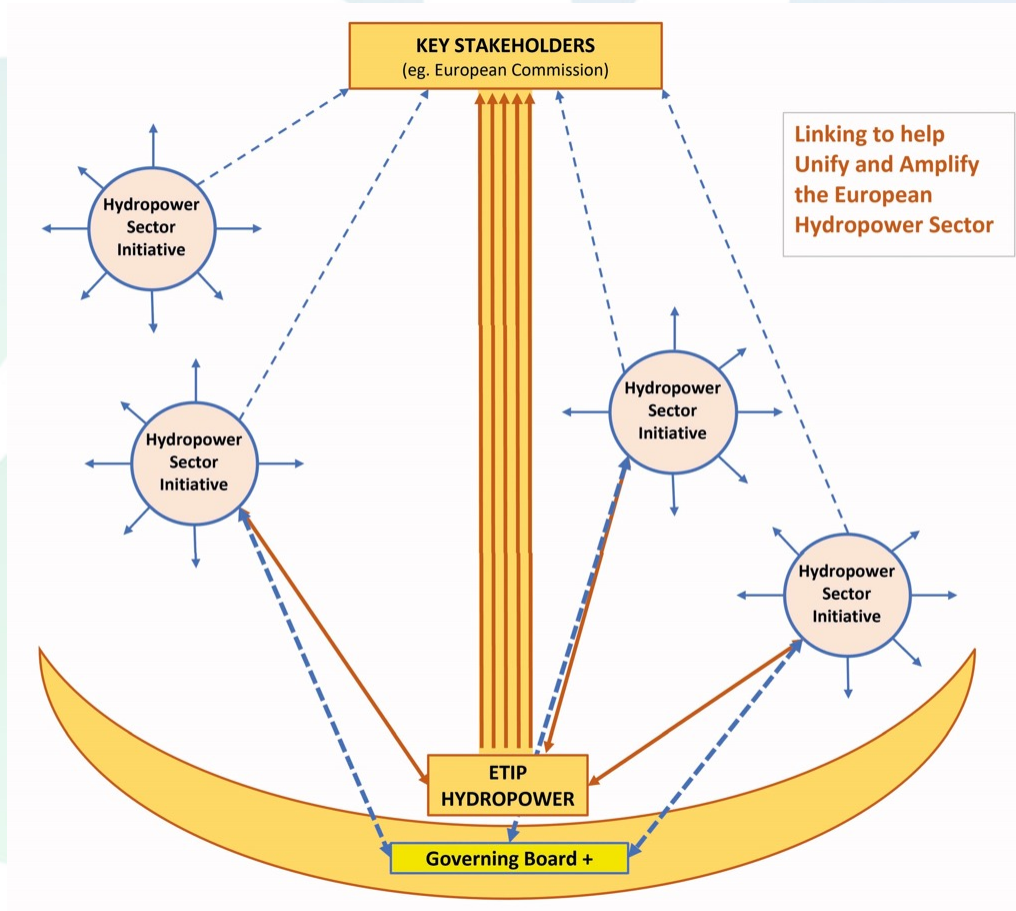


One of those actions is to setup and implement the governance structure for the ETIP HYDROPOWER – open participation, elected Governing Board...



EC Funded ETIP HYDROPOWER Project – 3 years – various actions implemented by the project team

The intended role is to help unify & amplify...



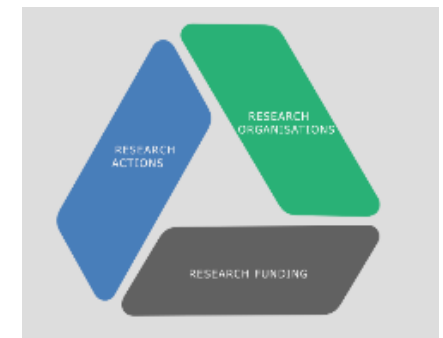
A key role for the ETIP HYDROPOWER is to help **unify** the hydropower sector, presenting a **single voice on key issues**.

This function does not duplicate the role of existing groups and associations – it **enhances**.

We are working with the **Hydropower Alliance** to confirm complementary roles

ETIP HYDROPOWER under action

- An operational structure in place – the Secretariat
- An industry-driven Governance in place, with all stakeholder sectors
- A widely-open Scientific Advisory Board
- 3 prioritized Working Groups are launched and aligned on EC priorities :
 - *Flexibility and Storage issues*
 - *Biodiversity and Environmental and Societal issues*
 - *Climate Change : Risks and Opportunities*
- 1 cross-sectoral Working Group : overview of R&I projects
- Practical products : HERI platform





WG-A: Overview on past and current European R&I projects for hydropower – Follow up and Results Dissemination

General Scope

- Follow-up the Horizon projects related to hydropower
- Inform regularly with a newsletter on the progress of these projects
- Motivate and facilitate the organization of Special sessions at conferences with hydropower as a topic on the outcomes of these projects. A first session moderated by ETIP HYDROPOWER could be during HYDRO 2025.
- Create a discussion forum among these projects with short webinars (21.5.24 / 18.9.24 / ...)

ETIP Secretariat: ICOLD

Confirmed Members: ~20

WG-A

Chair:	Emanuele Quaranta, JRC, Italy
Co Chairs:	Stevcho Mitovski, University Ss C&M, Macedonia Lias Zafeiropoulos, Ubitech Energy, Belgium



In conclusion:

A reminder that

- We provide information via our website at www.etip-hydropower.eu
- We have active social media accounts such as LinkedIn:
- We undertake consultation and communication events via our consultation platform at <https://hydro-consultation.eu>
 - (currently >850 consultees registered...)

The image displays two screenshots related to ETIP Hydropower. The top screenshot shows the website www.etip-hydropower.eu. The header includes the ETIP Hydropower logo and navigation links: HOME, ABOUT HYDROPOWER, LATEST NEWS, EVENTS, and CONSULTATION PLATFORM. A main banner features a dam and the text "UNIFYING THE VOICES OF HYDROPOWER". A text box on the left states: "Hydropower plays a leading role in the provision of a green source of electricity in Europe. It supports the integration of wind and solar energy into the supply grid. Hydropower reservoirs also help mitigate floods and droughts, provide water supplies for drinking, irrigation and fish farming and support for navigation services." Below the banner, there are sections for "Hydropower as energy transition" and "Events" with a date of 25/04/2023.

The bottom screenshot shows the LinkedIn profile for ETIP HYDROPOWER, which has 4,783 followers. Below the profile is a "HYDROPOWER in Europe Consultation Platform" section. It includes a list of "Consultation Events" with dates and titles, such as "25th April 2023 BRUSSELS HYDROPOWER DAY 2023" and "20th Feb 2022 What Research and Innovation are Needed to Tap More Hidden Hydro Opportunities in the Future?". There is also a "Current Events" section for "25th April 2023 BRUSSELS HYDROPOWER DAY 2023" and a "Past Discussion & Dissemination Events" section listing various events from 2021 and 2022.