

WEBINAR

BOOSTING HYDROPOWER

Beyond the Project

DATE: 26 February 2025
TIME: 13:30-15:00 (CET)



- 13:30 – 13:45** Welcome and introduction to ETIP HYDROPOWER.
Speaker: Anton Schleiss (ICOLD-EPFL)
- 13:45-14:05** FITHydro - *Fish-friendly Innovative Technologies for Hydropower*
Speaker: Atle Harby from SINTEF Energy Research, Norway
- 14:05-14:25** XFLEX HYDRO: *Making flexible hydropower a reality*
Speaker: Elena Vagnoni from École Polytechnique Fédérale de Lausanne (EPFL), Switzerland
- 14:30-14:45** HYPOSO: *Hydropower Solutions for Developing and Emerging Countries*
Speaker: Ingo Ball from WIP Renewable Energies, Germany
- 14:45-15:00** Q&A Session with all the speakers

Welcome and introduction to ETIP HYDROPOWER

Anton SCHLEISS

Scientific Coordinator ETIP HYDROPOWER

ICOLD-EPFL

Hydropower Europe Outcomes



Organization of ETIP HYDROPOWER

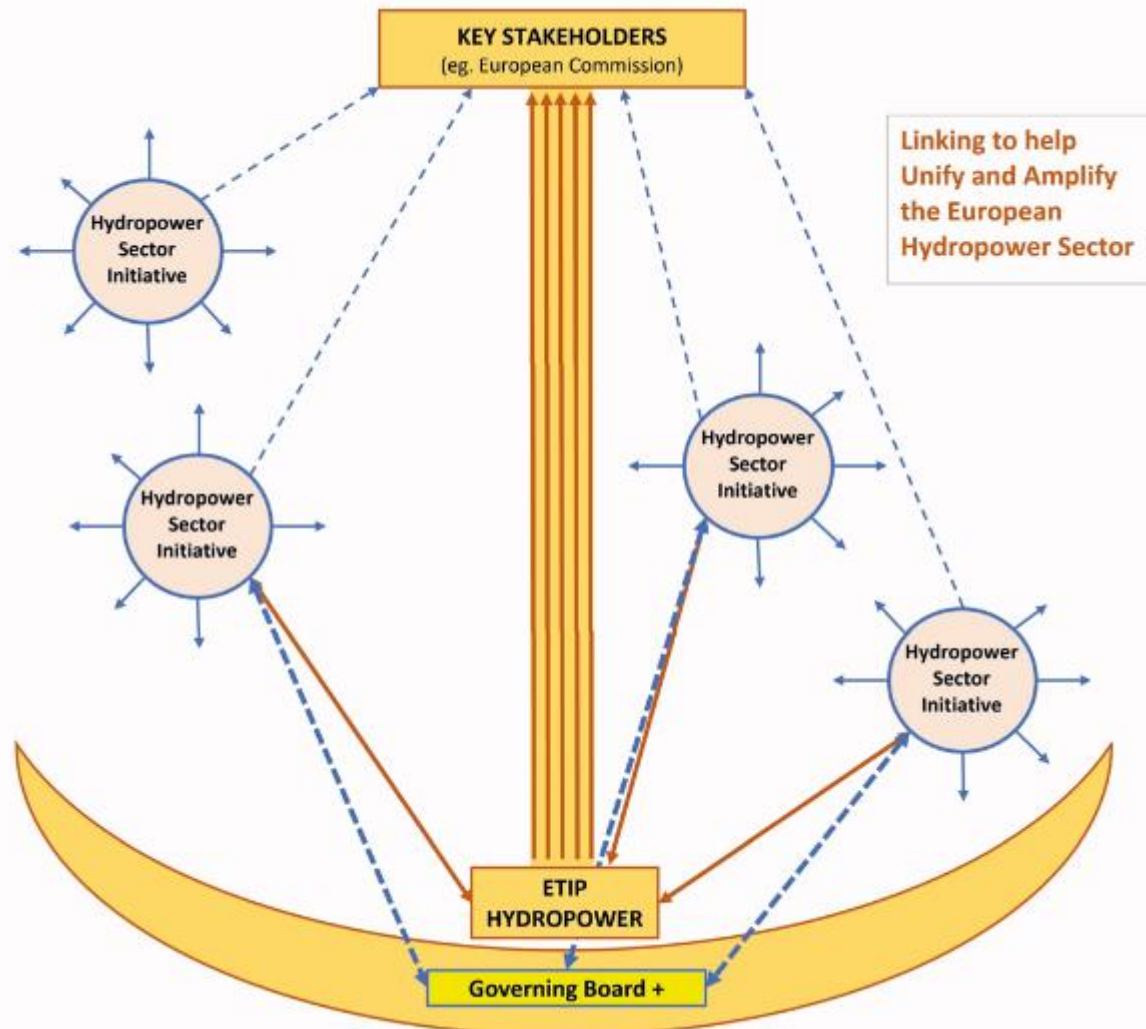
- **ETIP HYDROPOWER Consortium** – Horizon Europe project 2022-2025 (Grant Agreement No. 101075620) providing secretariat to the newly established ETIP-Hydropower
- **Project partners:**



- ETIP HYDROPOWER will enhance and disseminate the RIA and SIR taking into consideration the future needs of the sector and the R&I targets and the emerging policy priorities.

- ETIP HYDROPOWER will consolidate the strong network of the HYDROPOWER EUROPE Forum into a sustainable organization which helps to unify the voices of hydropower in Europe

Added value:
intended role is to help unify & amplify...



A key role for the ETIP HYDROPOWER is to help **unify** the hydropower sector in Europe, 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: 26 members

Scientific Coordinator:

- **Anton Schleiss** – ICOLD / EPFL (Switzerland)

Gov. Board Chair:

- **Denis Aelbrecht** - Electricite de France (EDF) - Hydro Engineering Center (France)

Gov. Board Co-Chairs:

- **Antonella Frigerio** - Ricerca sul Sistema Energetico - RSE S.p.A. (Italy)
- **Peter Stettner** - Andritz Hydro GmbH (Austria)

- Practical products : [HERI platform](#)



ETIP HYDROPOWER under action

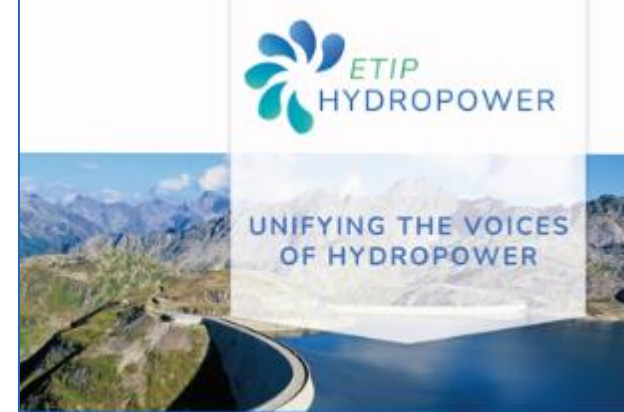
➤ Working Groups:

4 working groups are active since early summer 2024:

1. Hydropower role for flexibility & storage
2. Hydropower and biodiversity
3. Hydropower and climate change
4. Promotion, dissemination and uptake of past and current European R&I projects

First expected results:

Position papers in April 2025



Participate in the ETIP HYDROPOWER Working Groups

The ETIP HYDROPOWER Working Groups gather experts from different hydropower sectors and stakeholder groups to focus on R&I priorities and strategic actions identified in the Research and Innovation Agenda (RIA) and Strategic Industry Roadmap (SIR).

The working groups will undertake activities such as:

- Drafting of white papers with key messages to increase decision-maker and public awareness.
- Identifying, prioritizing and updating specific hydropower research & innovation needs.
- Drafting technical statements.
- Helping to facilitate strategic actions of the ETIP HYDROPOWER.

The ETIP HYDROPOWER Governing Board proposes to implement four initial working groups:

1. Hydropower role for flexibility and storage.
2. Hydropower and biodiversity.
3. Hydropower and climate change (adaptation and mitigation).
4. Promotion, dissemination and uptake of past and current European R&I projects.

To participate in any of these working groups, simply send an email to secretariat@etip-hydropower.eu



WWW.ETIP-HYDROPOWER.EU

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 in Tessaloniki in Greece.
- Create a discussion forum among these projects with short webinars (21.5.24 / 18.9.24 / 6.12.24 / 26.02.2025,

ETIP Secretariat: ICOLD

Confirmed Members: ~20

WG-A

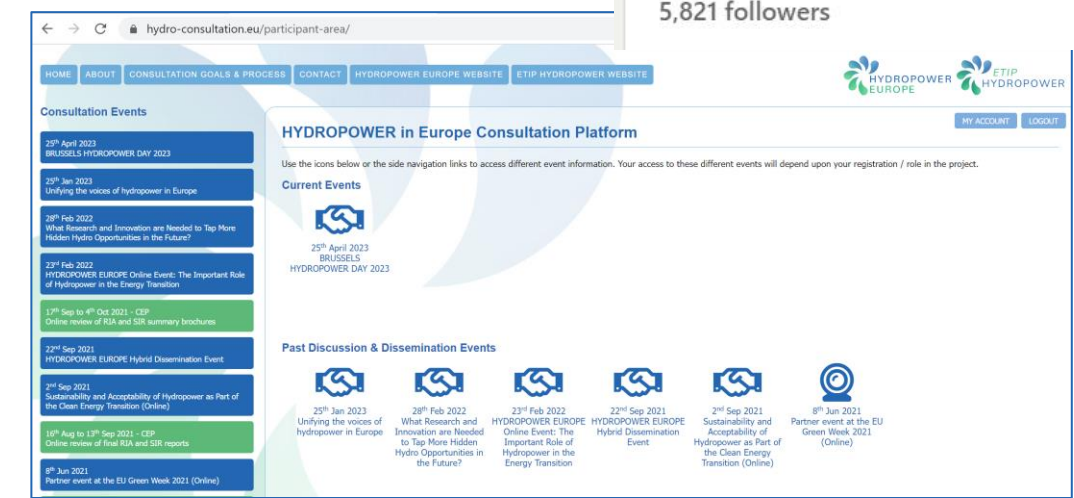
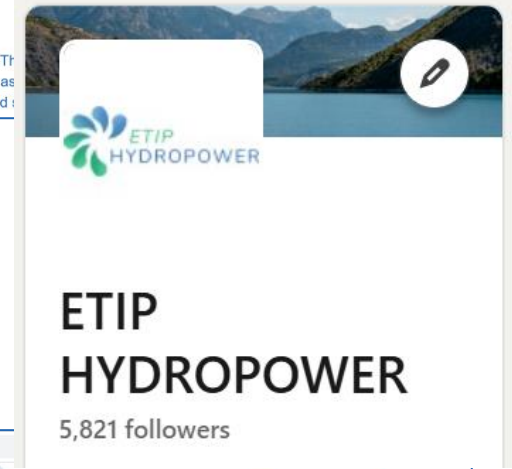
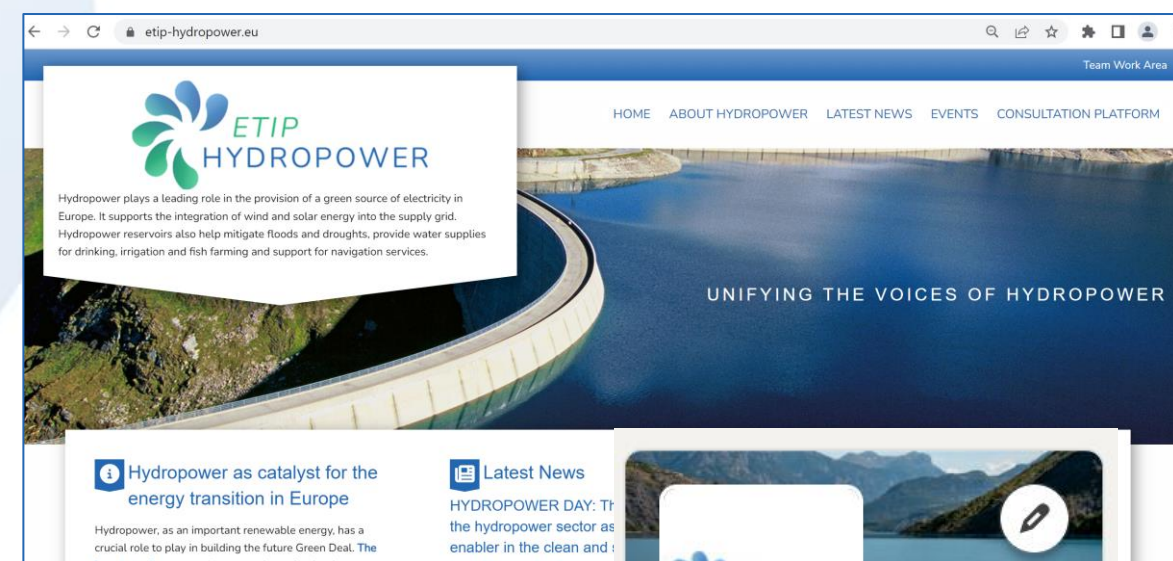
Chair:	Emanuele Quaranta, JRC, Italy
Co Chairs:	Stevcho Mitovski, University Ss C&M, Macedonia Lias Zafeiropoulos, Ubitech Energy, Belgium



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 almost 1000 consultees registered...)



SPEAKERS

BOOSTING HYDROPOWER Beyond the Project



**Atle
Harby**



FIHydro

SPEAKERS

BOOSTING HYDROPOWER Beyond the Project



**Elena
Vagnoni**



SPEAKERS

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**Ingo
Ball**



Q&A

Questions for our speakers



Anton Schleiss
ETIP HYDROPOWER



Atle Harby
FIThydro



Elena Vagnoni
XFLEX HYDRO



Ingo Ball
HYPOSO



A background image of a waterfall with water cascading down a concrete structure. The sky is overcast with grey clouds. The text is overlaid on the upper portion of the image.

WEBINAR
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THANK YOU ALL!

BRUSSELS

HYDROPOWER DAY

8 APRIL 2025 | Le Bouche à Oreille

Contribution of hydropower flexibility and storage in the safe energy transition in partnership with environment under climate change

**SEE YOU ALL AT THE
HYDROPOWER DAY**

ORGANIZED BY

