

ETIP HYDROPOWER 'UNIFYING THE VOICES OF HYDROPOWER IN EUROPE' – ACHIEVEMENTS, NEXT STEPS AND INVITATION FOR PARTICIPATION.



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Unifying the Voices of Hydropower in Europe

ACHIEVEMENTS & NEXT STEPS

Mark Morris

HYDROPOWER DAY 2024

Brussels, 16th April 2024



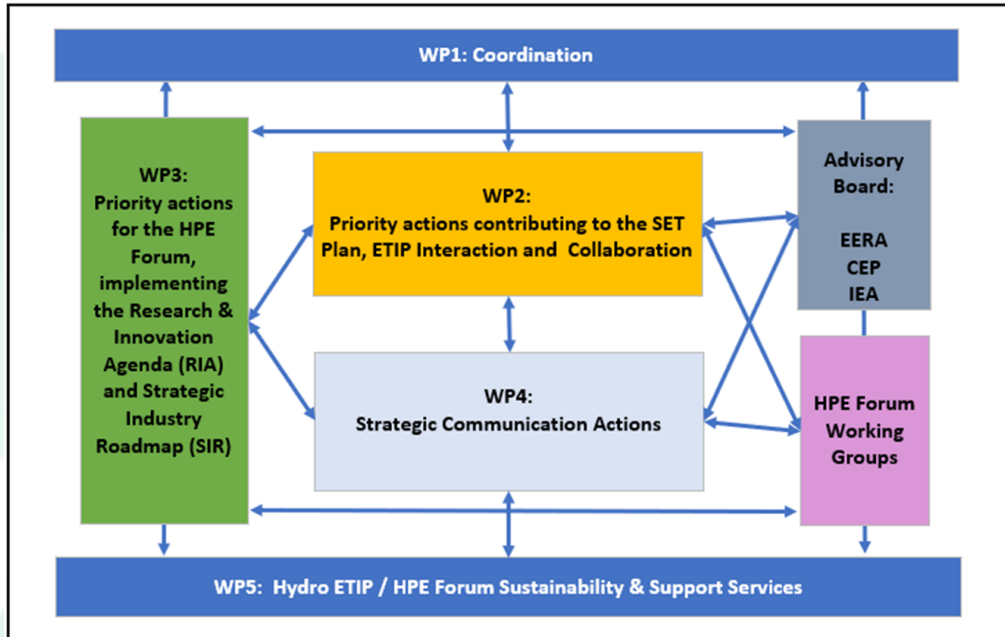
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www.etip-hydropower.eu

1. What have we been doing since April 2023?

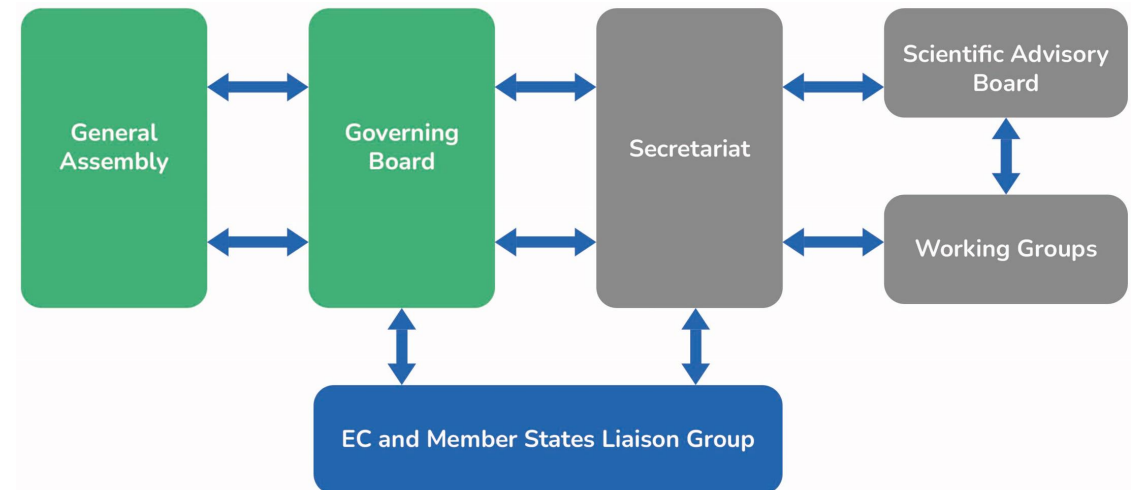
2. What are we planning for the coming year?

First, a quick reminder of the goals...

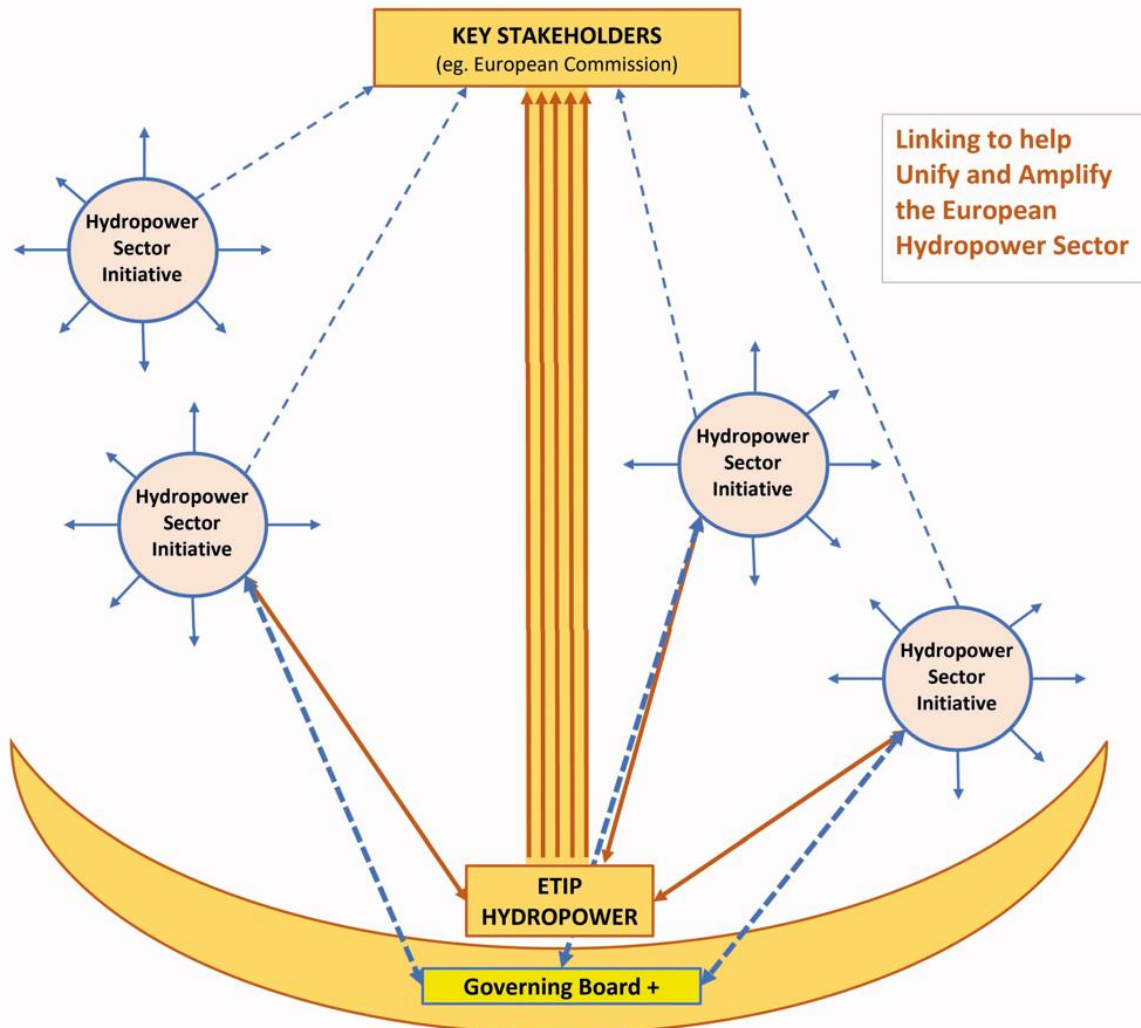


One of those actions is to setup and implement the governance structure for the ETIP HYDROPOWER – open participation, elected Governing Board...

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



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



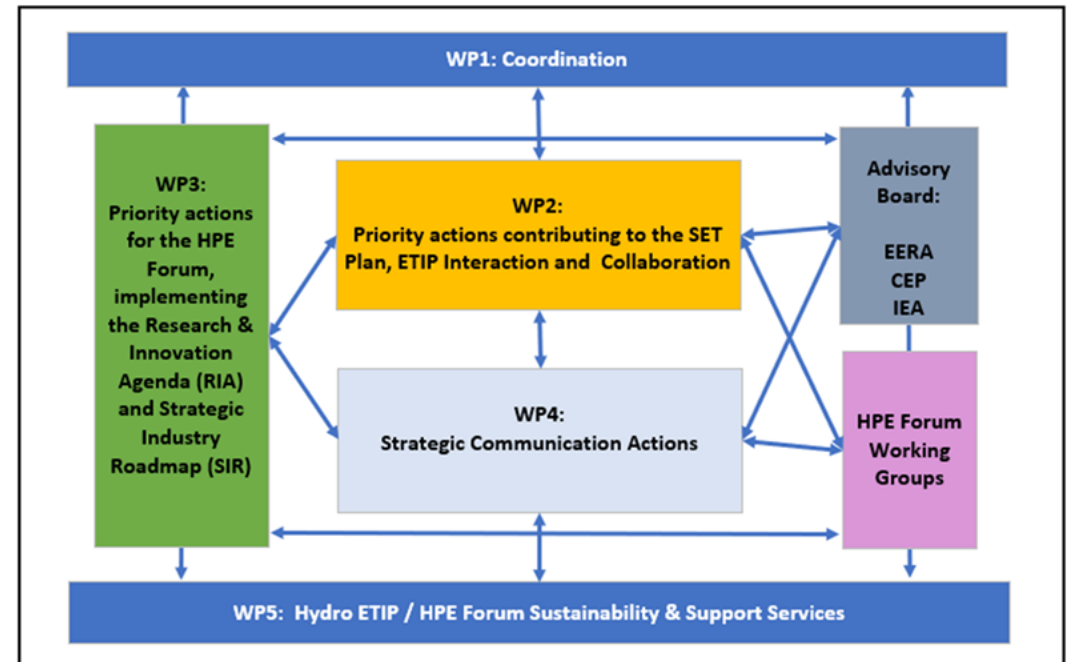
A key role for the ETIP HYDROPOWER is to help **unify** the hydropower sector, presenting a **single voice on key issues**.

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

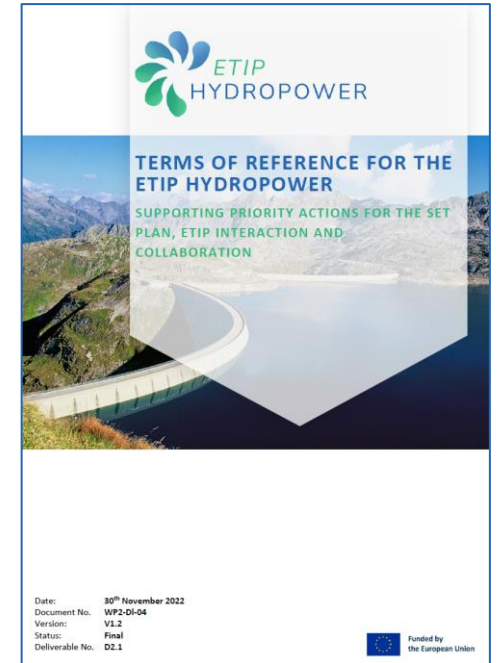
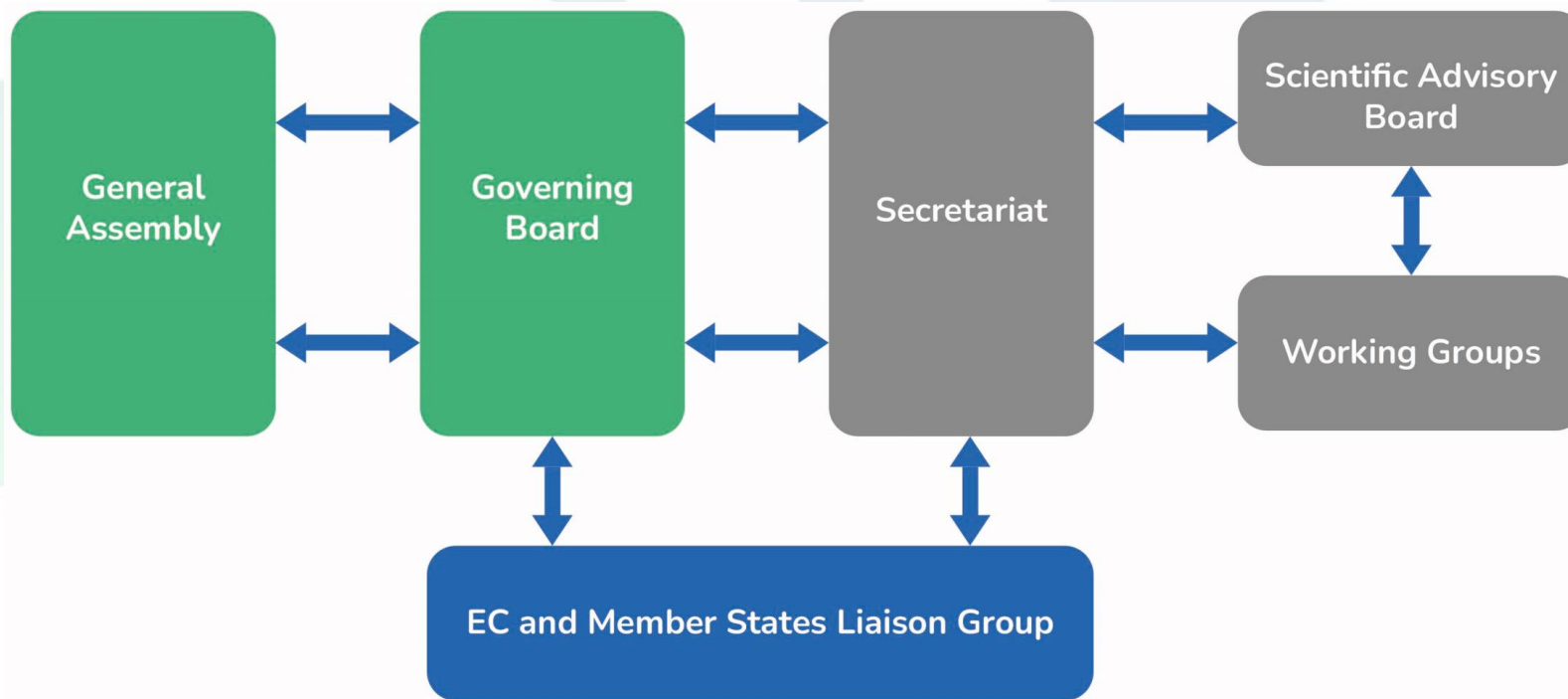
We are working with the **Hydropower Alliance** to confirm complementary roles

Progress with 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



Establishing & implementing ETIP governance:



ETIP Governance:

➤ Governing Board:

- Candidates
- Online voting
- GB 26 members established towards end 2023

➤ Scientific Advisory Board:

- Potential members invited
- SAB established early 2024

➤ Working Groups:

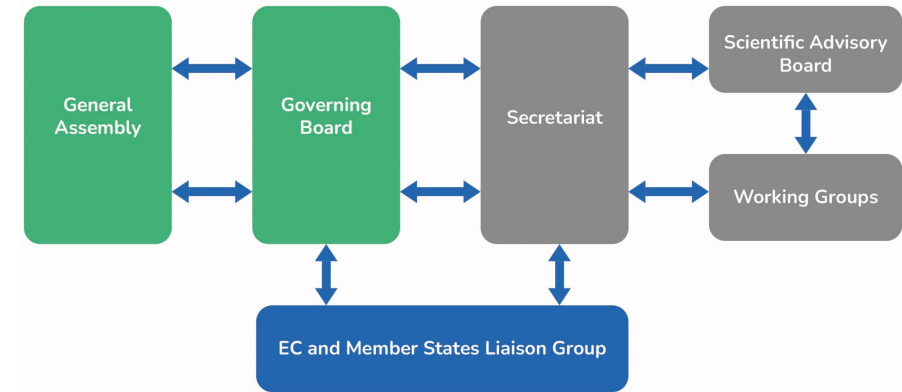
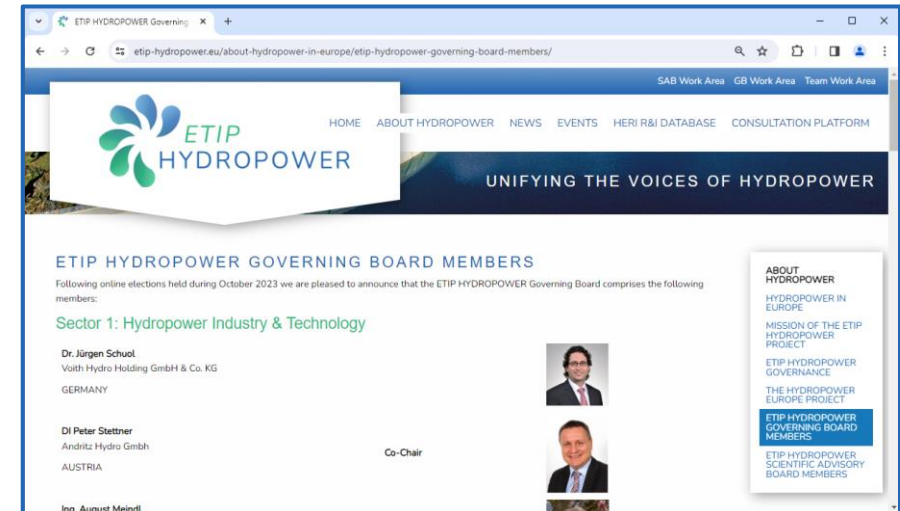
- Being established

➤ EC & Member States Liaison Group

- To be established once ETIP HYDROPOWER is formally accepted as part of the SET Plan structure

➤ General Assembly:

- Open for anyone to join (and vote, participate etc)

ETIP HYDROPOWER GOVERNING BOARD MEMBERS

Following online elections held during October 2023 we are pleased to announce that the ETIP HYDROPOWER Governing Board comprises the following members:

Sector 1: Hydropower Industry & Technology

Dr. Jürgen Schuol
Voith Hydro Holding GmbH & Co. KG
GERMANY

DI Peter Stettner
Andritz Hydro GmbH
AUSTRIA

Co-Chair
Ing. August Meindl

ABOUT HYDROPOWER
HYDROPOWER IN EUROPE
MISSION OF THE ETIP HYDROPOWER PROJECT
ETIP HYDROPOWER GOVERNANCE
THE HYDROPOWER EUROPE PROJECT
ETIP HYDROPOWER GOVERNING BOARD MEMBERS
ETIP HYDROPOWER SCIENTIFIC ADVISORY BOARD MEMBERS

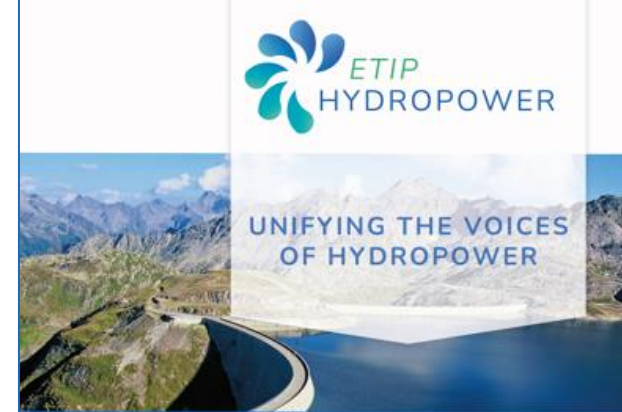
ETIP Governance:

➤ Working Groups:

An initial 4 working groups have been proposed by the Governing Board:

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

Send an email to secretariat@etip-hydropower.eu



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



ETIP Cooperation:

Past activities:

- Joint input to the **SET plan Report 2023**
- Providing generic cross-sectoral recommendations on **R&D&I aspects of NECPs**
- Joint session at the **SET Plan conference 2023 (NECPs recommendations)**
- Joint session at the **Enlit - EU projects zone hub - “Reshaping energy landscapes: The key role of R&I for RES”**
- Chapter on the **jobs and job skills** needed by the EU hydropower sector

Future actions:

- Workshop between ETIPs on **Strategies for boosting public acceptance**
- Webinar on **HPP and battery coupling** with ETIP on Batteries
- Webinar on **floating PV** with ETIP PV
- Webinar on **hydrogen and hydropower - complementarities**

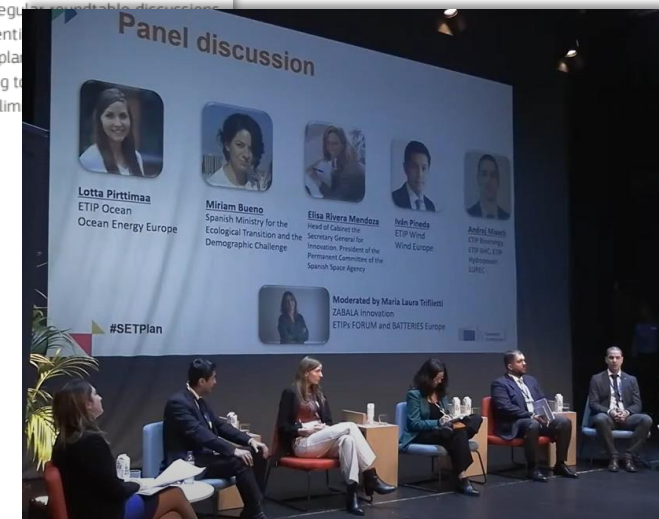
THE EUROPEAN TECHNOLOGY AND INNOVATION PLATFORMS FORUM

This section is an invited contribution from ETIPs FORUM and does not necessarily reflect the European Commission's official position.

In June 2021, the ETIPs FORUM was created as a bottom-up initiative facilitated by the ETIP-SNET Coordinator and supported by EERA (via the project SUPEERA) to foster communication among the 11 European Technology and Innovation Platforms (ETIPs) and assimilated associations such as the European Solar Thermal Electricity Association. The ETIPs are:

- ETIP Wind
- ETIP PV
- ETIP Ocean
- European Geothermal Energy Council
- Smart Networks for Energy Transition
- ETIP on Renewable Heating and Cooling
- ETIP Bioenergy
- ETIP Batteries
- CCS Platform
- Sustainable Nuclear Energy Technology Platform
- **ETIP HYDROPOWER**

The ETIPs FORUM's main goals are to tap into the collective expertise of ETIP experts, unite efforts and avoid overlaps in the shared mission of decarbonisation by 2030 and 2050. Regularly scheduled discussions streamline topics, identify opportunities to establish collaboration platforms on common themes, aiming to foster collaboration and eliminate silos.



Facilitating Research & Innovation:

We have been working on:

1. GB & SAB recommending priorities for hydropower related R&I to the EC for Horizon work programme (building from the RIA & SIR documents)
2. Creation of the HERI platform – Hydropower in Europe Research & Innovation platform
3. Adapting the ETIP sustainable business plan with a focus around facilitating industry R&I



HERI – Hydropower in Europe Research & Innovation Platform

Providing information regarding past, present and future R&I actions and opportunities for the hydropower sector in Europe.

- Access information on Research Actions, Research Organisations and Research Funding.
- Search Research Actions according to different topics, dates, countries etc.
- Find Research Organisations related to different Research Actions and their wider role within hydropower research.
- Check Research Funding sources and opportunities across Europe.

[Access HERI now and add details of your research projects and research organisation for others to see](#)



etip-hydropower.eu

The function of the HERI platform is to:

1. Map and track hydropower related research actions in Europe
2. Identify associated research organisations
3. Provide information on research funding opportunities

You can access this directly or via <http://etip-hydropower.eu> or via the Consultation Platform

To access HERI you use the same login details as the Consultation Platform.

All information is assumed public domain.



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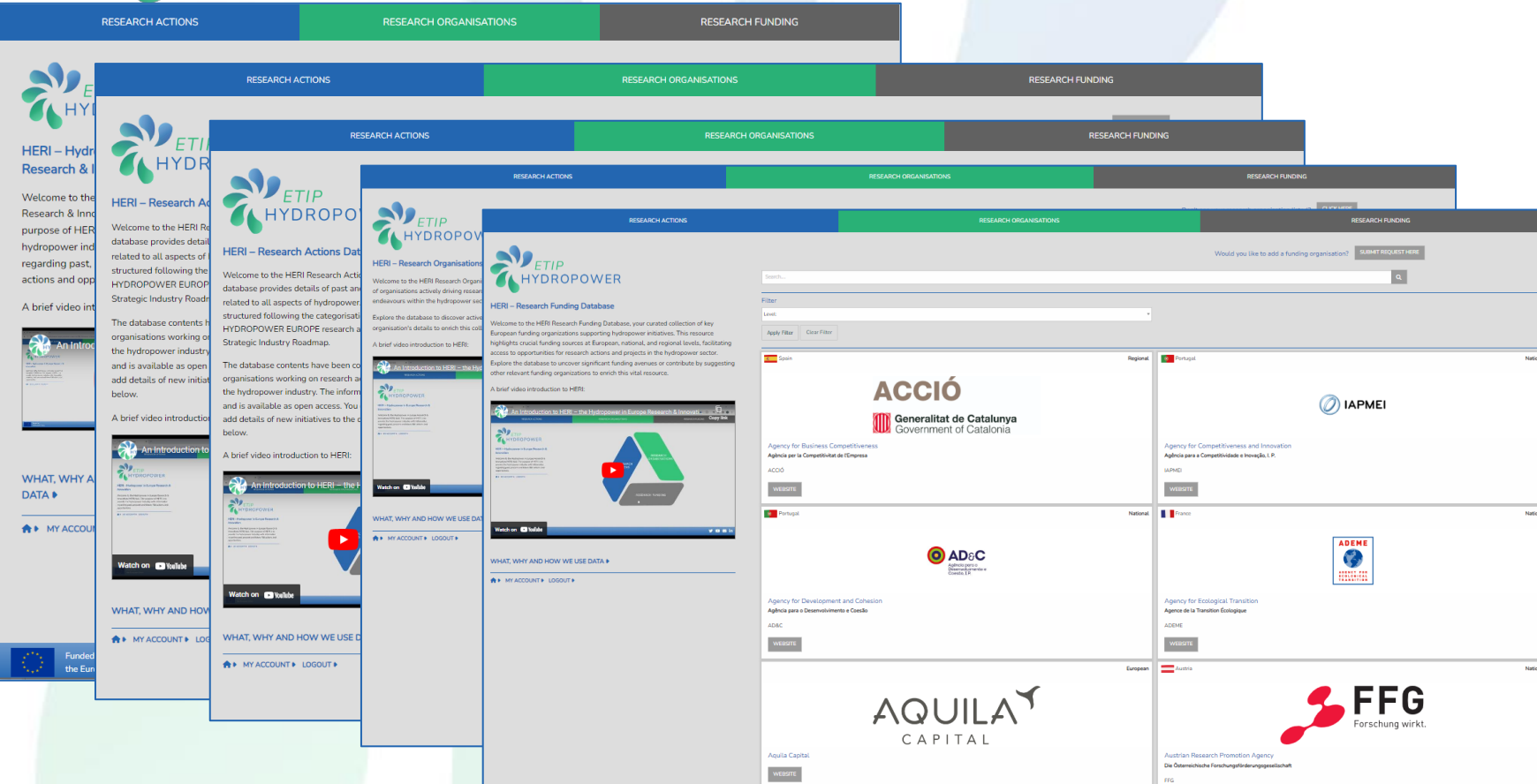
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The screenshots show the website's navigation structure with tabs for 'RESEARCH ACTIONS', 'RESEARCH ORGANISATIONS', and 'RESEARCH FUNDING'. The main content area displays a grid of funding organizations, including:

- ACCIO**: Agency for Business Competitiveness, Generalitat de Catalunya, Government of Catalonia. ACCIO is a regional organization from Spain.
- IAPMEI**: Agency for Competitiveness and Innovation, Agência para a Competitividade e Inovação, I.P. IAPMEI is a national organization from Portugal.
- AD&C**: Agency for Development and Cohesion, Agência para o Desenvolvimento e Coesão. AD&C is a national organization from Portugal.
- ADEME**: Agency for Ecological Transition, Agence de la Transition Ecologique. ADEME is a national organization from France.
- AQUILA CAPITAL**: Aquila Capital. AQUILA CAPITAL is an European organization.
- FFG**: Austrian Research Promotion Agency, Die Österreichische Forschungsförderungsgesellschaft. FFG is an European organization.

We will continue to develop and enhance HERI

The value of HERI increases as the contents are expanded.

You can add details of your research actions and organisations directly.



Thumbnail of the HERI website interface. It features the ETIP HYDROPOWER logo, the title 'HERI – Hydropower in Europe Research & Innovation', and a description: 'Access HERI to search for hydropower research projects, organisations and funding across Europe. Add details of your research projects and research organisation directly for others to see.' A QR code is present in the bottom left. The bottom of the thumbnail includes the European Union flag, the text 'Funded by the European Union', and the URL 'etip-hydropower.eu'. On the right side of the thumbnail, there is a diagram with three overlapping shapes: a blue one labeled 'RESEARCH ACTIONS', a green one labeled 'RESEARCH ORGANISATIONS', and a grey one labeled 'RESEARCH FUNDING'.



HERI – Hydropower in Europe Research & Innovation Platform

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1. What have we been doing since April 2023?

2. What are we planning for the coming year?

The next 12 months...

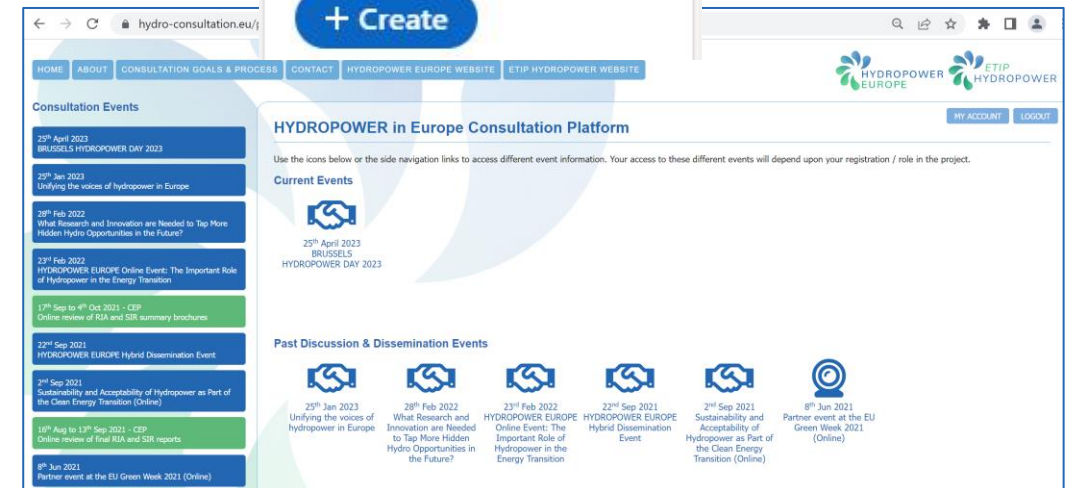
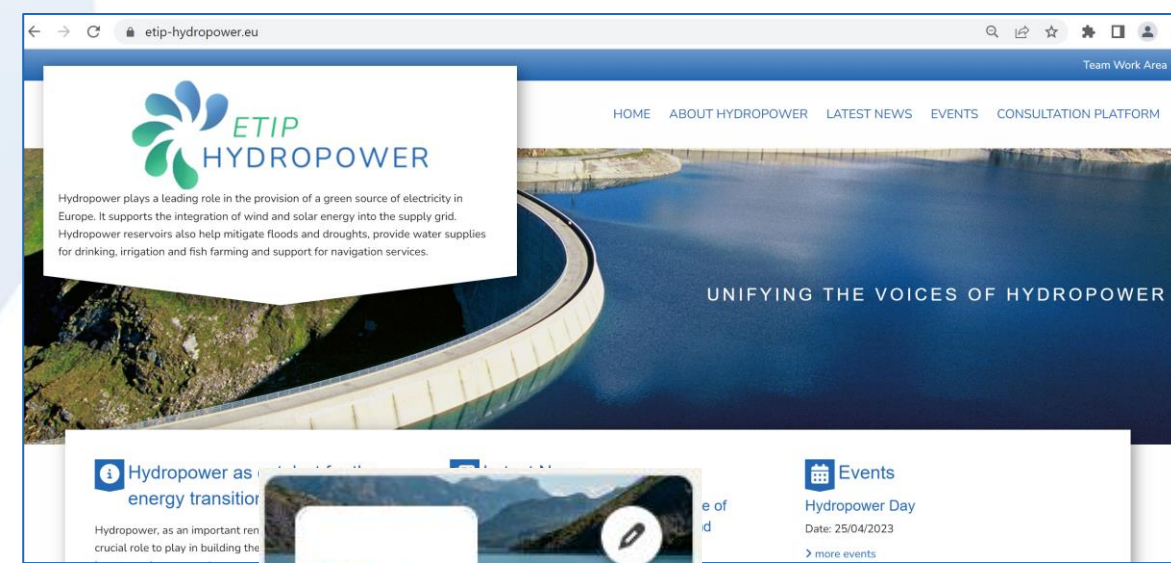
1. GB, SAB and Working Groups establish a routine working programme.
2. Work on the alignment of complementary roles between Hydropower Alliance and ETIP HYDROPOWER.
3. Complete the process of ETIP HYDROPOWER being officially recognised as an ETIP.
4. Continue to work with other ETIPs and in supporting the SET Plan:
 - Joint events; joint publications etc.
5. Expand the functionality and content of HERI to facilitate R&I:
 - Implement regular prompts for contributions via social media & news
6. Provide feedback and recommendations on R&I priorities.
7. Refine the future business plan and share for industry feedback.
8. Continue to promote hydropower through (i) annual Hydropower Day; (ii) raising public awareness; (iii) supporting innovation & best practice in industry (online workshops, webinars etc).



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...)



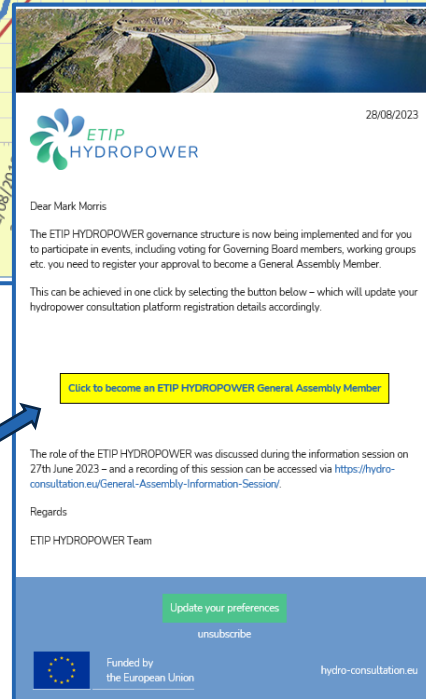
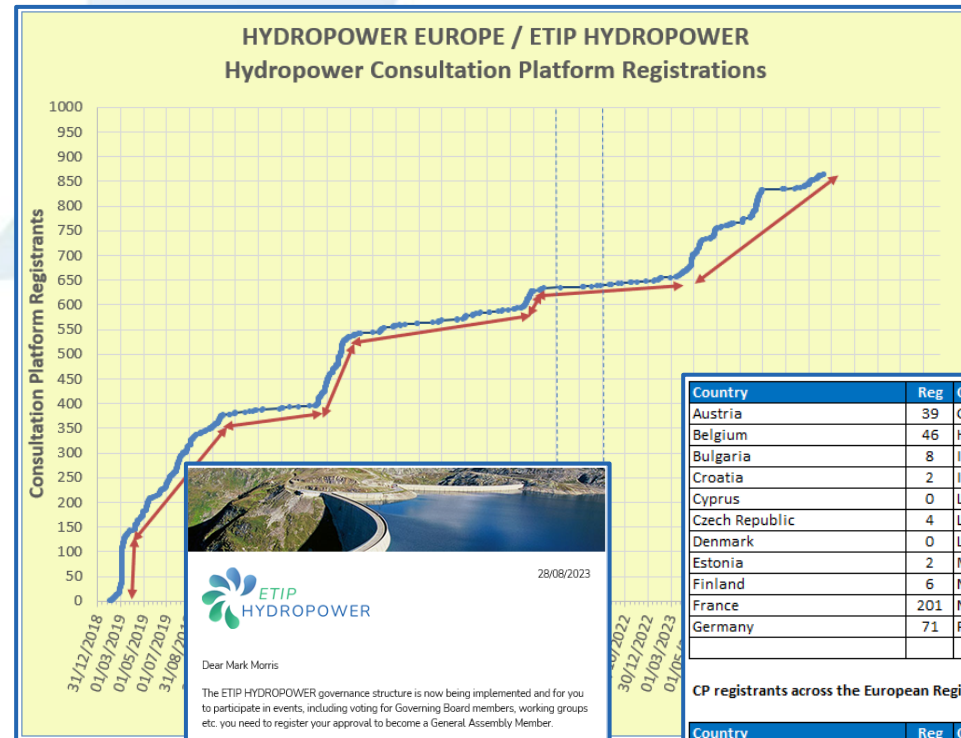
Hydropower in Europe Consultation Platform

Consultation platform members continue to grow...

~90% in Europe + 10% worldwide

If you registered pre ETIP, we need you to confirm your participation in the General Assembly... (GDPR...)

Click here!



Country	Reg	Country	Reg	Country	Reg
Austria	39	Greece	20	Portugal	28
Belgium	46	Hungary	2	Romania	9
Bulgaria	8	Ireland	7	Slovakia	4
Croatia	2	Italy	66	Slovenia	8
Cyprus	0	Latvia	0	Spain	24
Czech Republic	4	Lithuania	2	Sweden	52
Denmark	0	Luxembourg	2	Switzerland	63
Estonia	2	Malta	0	Turkey	17
Finland	6	Netherlands	22	UK	27
France	201	Norway	25		
Germany	71	Poland	5		
				Total	762

CP registrants across the European Region

Country	Reg	Country	Reg	Country	Reg
Albania	9	Guatemala	1	Peru	1
Afghanistan	2	Iceland	2	Russia	2
Australia	3	Indonesia	1	Serbia	2
Bhutan	1	Japan	1	Sri Lanka	1
Bolivia	1	Kosovo	1	Swaziland	1
Bosnia & Herzegovina	4	Laos	2	Uganda	2
Brazil	1	India	11	Ukraine	1
Canada	2	Macedonia	11	USA	11
China	2	Moldova	2	Uzbekistan	1
Colombia	2	Montenegro	1	Vietnam	1
Ecuador	1	Nepal	6		
Ethiopia	1	New Zealand	1		
Georgia	3	Pakistan	8		
				Total	103

CP registrants across other countries

Further information?

For further information:

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info@etip-hydropower.eu

www.hydropower-europe.eu

www.etip-hydropower.eu



NOW some words from
our project officer:

Sébastien Mortier...