

2nd BRUSSELS HYDROPOWER DAY 2024

(Hybrid Conference):

The important role of hydropower as a catalyst in the clean and safe energy transition under uncertainties

Date: 16th April 2024, 9:00 to 17:00

Time: 9 AM – 5 PM CET

Location: [Bluepoint Brussels, Blvd Auguste Reyers 80, 1030 Brussels](#)

Registration link: [HYDROPOWER Day Event \(hydro-consultation.eu\)](#)

Description of the event: The [BRUSSELS HYDROPOWER DAY 2024](#) aims to provide a platform for stakeholder groups in the hydropower sector and decision makers in the European Commission and Parliament, who are working on relevant policy files concerning hydropower. The purpose is to discuss opportunities and barriers affecting hydropower deployment in the framework of the energy transition considering uncertainties regarding the energy crisis, climate change and the market as well as regulation conditions.

Why attend?

- Find out more about the added value of hydropower and energy storage in the energy transition under uncertainties (as economy, market, climate).
- Learn about best practice in hydropower deployment with reference to electricity market design, flexibility, social and environmental requirements.
- Join the discussion about cooperation with other ETIPs/sectors within the SET Plan on approaches to ensure energy system integration and a flexible safe energy supply.
- Get informed about the next steps of ETIP HYDROPOWER towards “Unifying the voices of hydropower in Europe”.

Target audience: The conference will gather participants, representing wide stakeholder groups in the hydropower sector and decision-makers in the European Commission and possibly European Parliament working on relevant policy files concerning hydropower.

Organiser: [ETIP HYDROPOWER](#) and co-hosted by European Hydropower Alliance

Tuesday 16th April 2024

Time	Title
08:30 – 09:00	Registration and welcome coffee
09:00 – 09:20	<p>Opening remarks and welcome speech Moderator: ETIP HYDROPOWER (Anton Schleiss, ICOLD)</p> <p>Opening remarks: Chair Governing Board ETIP HYDROPOWER</p> <p>Welcome speech: Bernd BIERVERT, DG RTD</p>
09:20 – 10:35	<p>Keynote speeches session: <i>The role of flexible hydropower as a key pillar of security of electricity supply and enabler of the safe energy transition to net zero in Europe and worldwide.</i> Speakers Moderation: ETIP HYDROPOWER (Anton Schleiss, ICOLD)</p>
09:20 – 09:35	<p>Keynote 1: <i>Powering the Green Deal: HYDROPOWER's vital role in EU's sustainable success. (15 min presentation)</i> Speaker: Kristian Ruby, EURELECTRIC, Belgium</p>
09:35 – 09:50	<p>Keynote 2: <i>The role of flexibility solutions in the future system and electricity market. (15 min presentation)</i> Speaker: Mathilde Lallemand-Dupuy, European Commission, DG ENER</p>
09:50 – 10:35	<p>Panel discussion involving audience. Panel Moderation: ETIP HYDROPOWER (Greg Arrowsmith, EUREC) Speakers and further guests are invited to the panel: Marion Labatut, EU Affairs Director, EDF, representing EHA; Landeshauptmann Markus Wallner, Vorarlberg, Austria; Bernd BIERVERT, Head of Unit, DG RTD</p>
10:35 – 11:00	Coffee break
11:00 – 12:15	<p>Session 1: <i>The added value of flexible hydropower and pumped storage to secure the European electricity grid under an uncertain market and a changing climate.</i> Speakers Moderation: ETIP HYDROPOWER (Matteo Bianciotto, IHA)</p>
11:00 – 11.15	<p>Presentation 1: <i>What hydropower and pumped-hydro storage development goals for 2030 and 2040 are required as essential part for Europe's renewable energy mix ensuring a safe energy transition. (10 min presentation, 5 min Q&A)</i> Speaker: Norela Constantinescou, ENTOS-E (TBC)</p>
11:15 – 11:30	<p>Presentation 2: <i>Innovative pumped storage powerplants for a safe electricity supply in a carbon free energy system. (10 min presentation, 5 min Q&A)</i> Speaker: Dr. Christof Germann, illwerke vkw AG, Austria</p>
11:30 – 11:45	<p>Presentation 3: <i>Is the EU regulatory framework aligned to promote HYDROPOWER as a cornerstone and catalyst of the energy transition? (10 min presentation, 5 min Q&A)</i> Speaker: Adrian Lindermuth, EURELECTRIC, Belgium</p>

11:45 – 12:15	<p>Panel discussion involving audience. Panel Moderation: European Hydropower Alliance (Claire Sandevor, Deputy Head of EU office, Vattenfall) Speakers and further guests are invited to the panel: Elena Vagnoni, EPFL, Switzerland</p>
12.15 – 13:45	<p>Lunch</p>
13:45 – 15:00	<p>Session 2: Multipurpose hydro projects for climate resilience and social & environmental needs. Speakers Moderation: ETIP HYDROPOWER (Mario Bachhiesl, VGBE)</p>
13:45 – 14:00	<p>Presentation 1: <i>Upgrading of hydropower in Europe to increase flexibility and decrease biodiversity impact (10 min presentation, 5 min Q&A)</i> Speaker: Atle Harby, SINTEF, Norway</p>
14:00 – 14:15	<p>Presentation 2: <i>Significant impact of hydropower on environment and biodiversity: is this narrative generally applicable? (10 min presentation, 5 min Q&A)</i> Speaker: Walter Reckendorfer, Verbund, Austria</p>
14:15 – 14:30	<p>Presentation 3: <i>The benefits of multipurpose hydro projects regarding climate resilience, social, economic and environmental Needs. The case of Portugal - Mondego River (10 min presentation, 5 min Q&A)</i> Speaker: Vitor Silva, EDP, Portugal</p>
14:30 – 15:00	<p>Panel discussion with involvement of audience Panel Moderation: ETIP HYDROPOWER (Patrick Clerens, EASE) Speakers and further guests are invited to the panel:</p> <ul style="list-style-type: none"> • Diar Isid, European Commission, DG ENV • Olivier Tricca, European Investment Bank
15:00 – 15:15	<p>Coffee break</p>
15:15 – 16:30	<p>Session 3: The hybridisation of hydropower with other renewables for ensuring a safe energy supply and mitigating environmental impacts. Speakers Moderation: ETIP HYDROPOWER (Janire Garcia, ZABALA)</p>
15:15 – 15:30	<p>Presentation 1: <i>Potential and development of floating PV on hydropower reservoirs (10 min presentation, 5 min Q&A)</i> Speaker: Luc Deroo, ISL, France</p>
15:30 – 15:45	<p>Presentation 2: <i>Hybridization of hydropower with batteries to reduce hydropeaking and biodiversity impacts in rivers (10 min presentation, 5 min Q&A)</i> Speaker: Prof. Robert Boes, ETH Zurich, Switzerland</p>
15:45 – 16:00	<p>Presentation 3: <i>Large scale hybridization with offshore wind and storage hydropower in Norway. (10 min presentation, 5 min Q&A)</i> Speaker: Ole Gunnar Dahlhaug, NTNU/ EERA JP Hydropower, Norway</p>
16:00 – 16:30	<p>Panel discussion with involvement of audience: What R&I is needed to favour hybridisation? Panel Moderation: ETIP HYDROPOWER (Dirk Hendricks, EREF)</p>

	Speakers and further guests are invited to the panel <ul style="list-style-type: none">• Thomas Schleker, European Commission, DG RTD
16:30 – 16:45	ETIP Hydropower 'Unifying the voices of hydropower in Europe' – Achievements, next steps and invitation for participation. Speaker: <ul style="list-style-type: none">• Mark Morris, SAMUI France,• Sébastien Mortier, ETIP HYDROPOWER, European Commission
16:45 – 17:00	Final conclusions and outlook Speakers: ETIP HYDROPOWER and Chairs GB
17:00	Closing remarks