



ETIP HYDROPOWER IS PROMOTING HYDROPOWER AS A CATALYST FOR ENERGY TRANSITION

DR J-J FRY, PRESIDENT OF EUCOLD

Dighe e Territorio 11 - 12 ottobre 2022 Saint Vincent (Aosta)



Funded by
the European Union

www.hydropower-europe.eu

What is EUCOLD?

What are its objectives and actions?

- **1993 Launching of EUCOLD, the European Club of the International Commission on Dams (27 national committees in 2022)**
- **2016 Launching of the MANIFESTO by President G. MAZZA**
"promoting an honest and transparent public debate which will hopefully facilitate actions to raise awareness of European policy to support the role of reservoirs and dams."
- **2017 Main objectives proposed by the new elected President J-J FRY**
: "developing EU support to our professional activity and funding European R&D on Dams"
- **2018 Massimo MEGHELLA (RSE) detected a new EU H2020 call for gathering and consulting Hydropower stakeholders for a RIA & SIR**
- **2018 Giovanni RUGGERI (ITCOLD) and J-JFRY (EUCOLD) in Brussels**
- **2018 EUCOLD wins the call with the project HYDROPOWER EUROPE!**

What is the Hydropower Europe consortium?

➤ **ICOLD Leader**

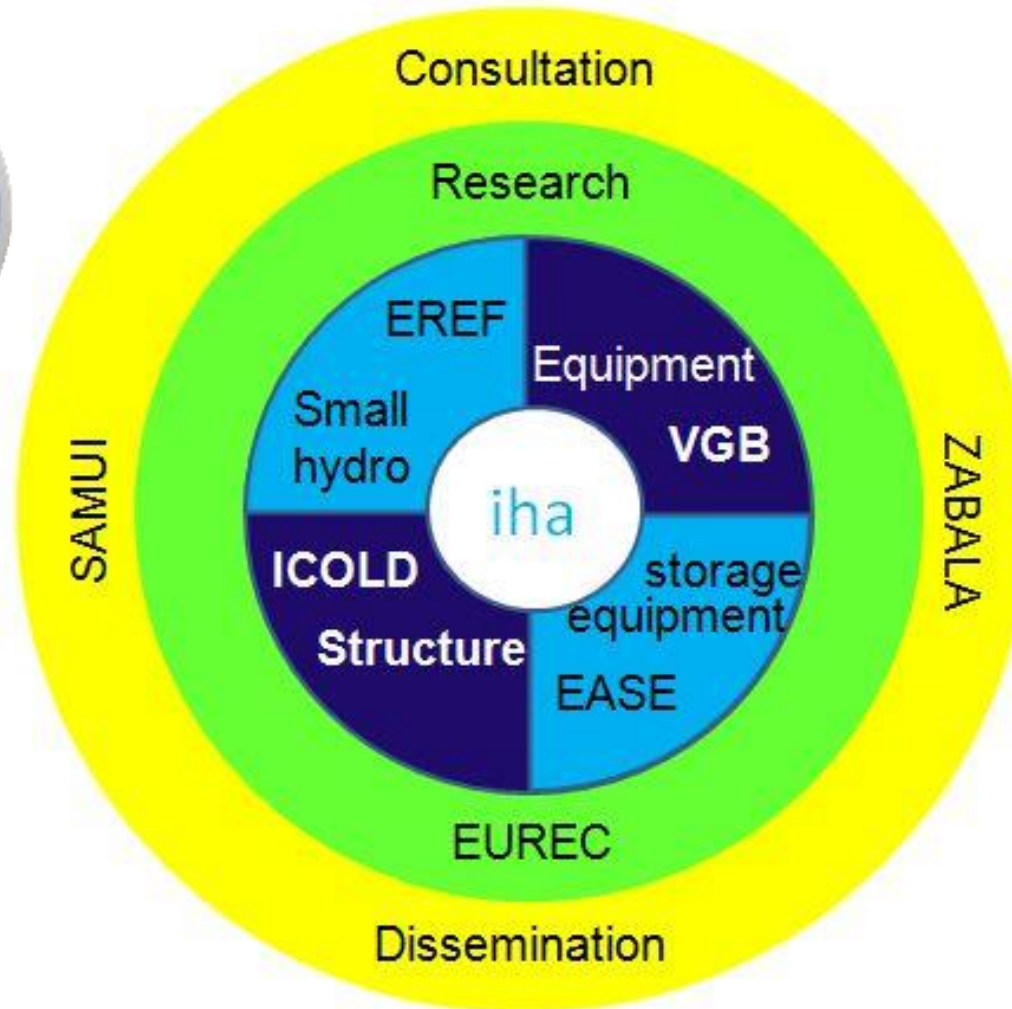


➤ **Coordinators:**

➤ Anton J. Schleiss
➤ Jean Jacques Fry

➤ **+ 7 core partners**

➤ **+ 5 third linked Parties**



EASE - European Association for Storage of Energy

EREF - European Renewable Energies Federation

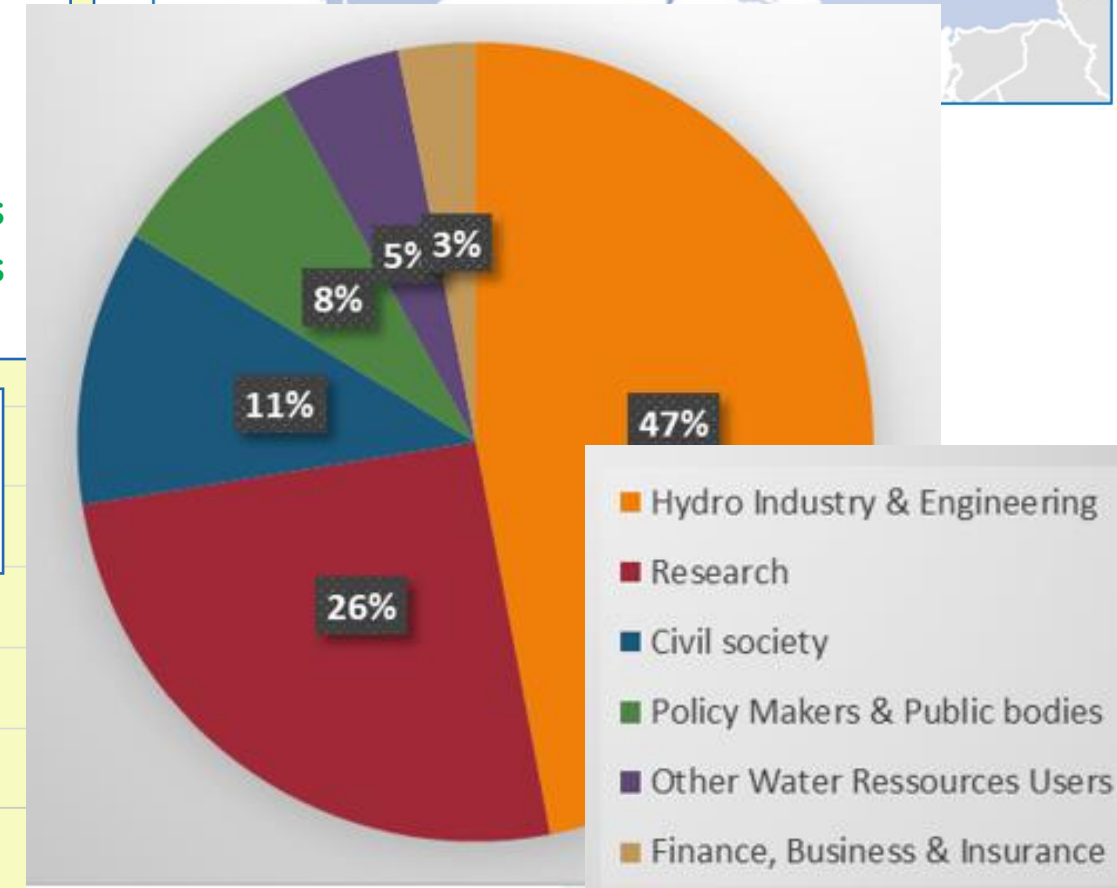
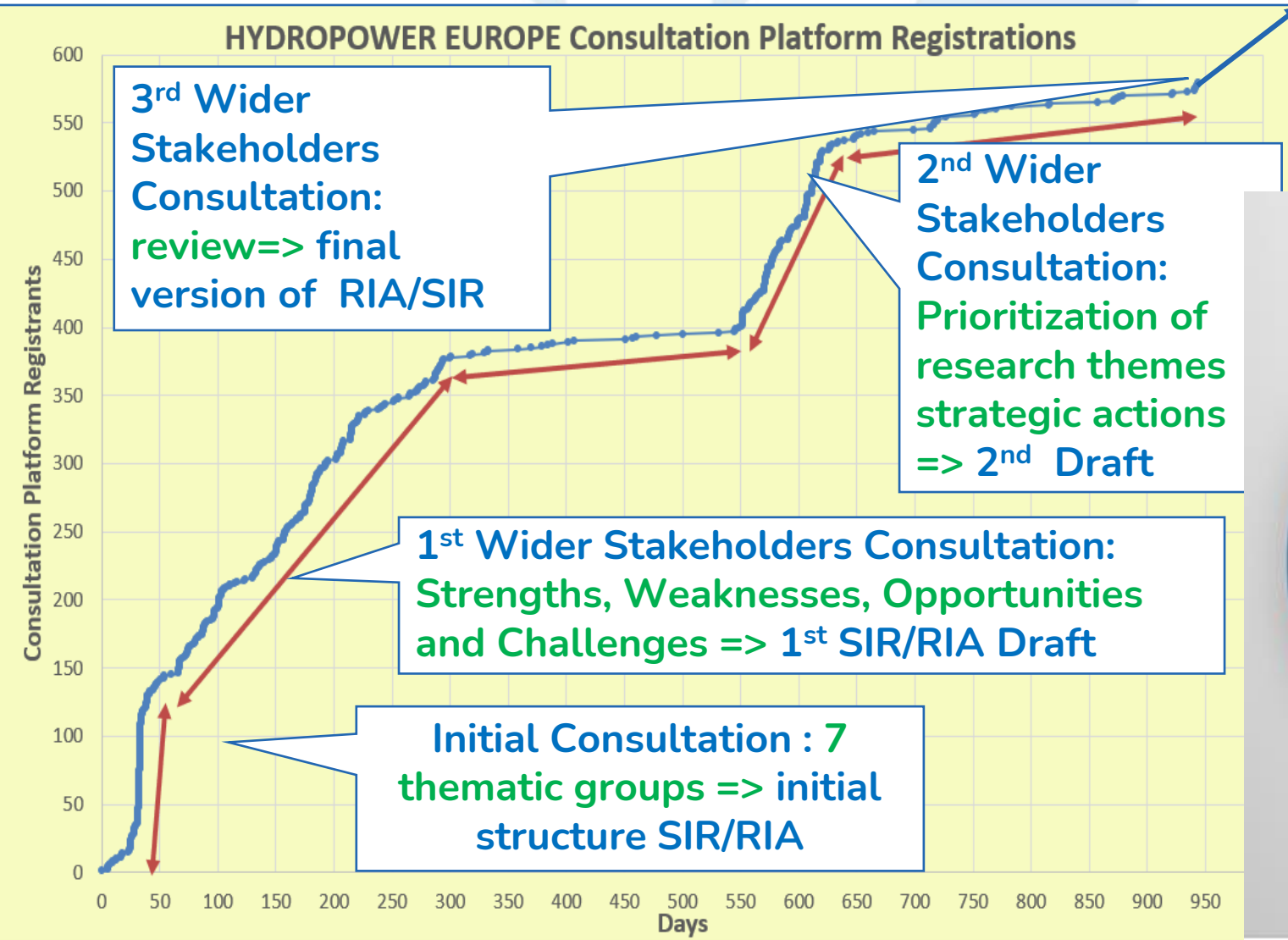
EUREC - Association of European Renewable Energy Research

ICOLD - International Commission on Large Dams

IHA – International Hydropower Association

VGB - International Technical Association for Generation and Storage of Power and Heat

What Consultations?



R&I
Priorities

Barriers

What outcomes of the Project?

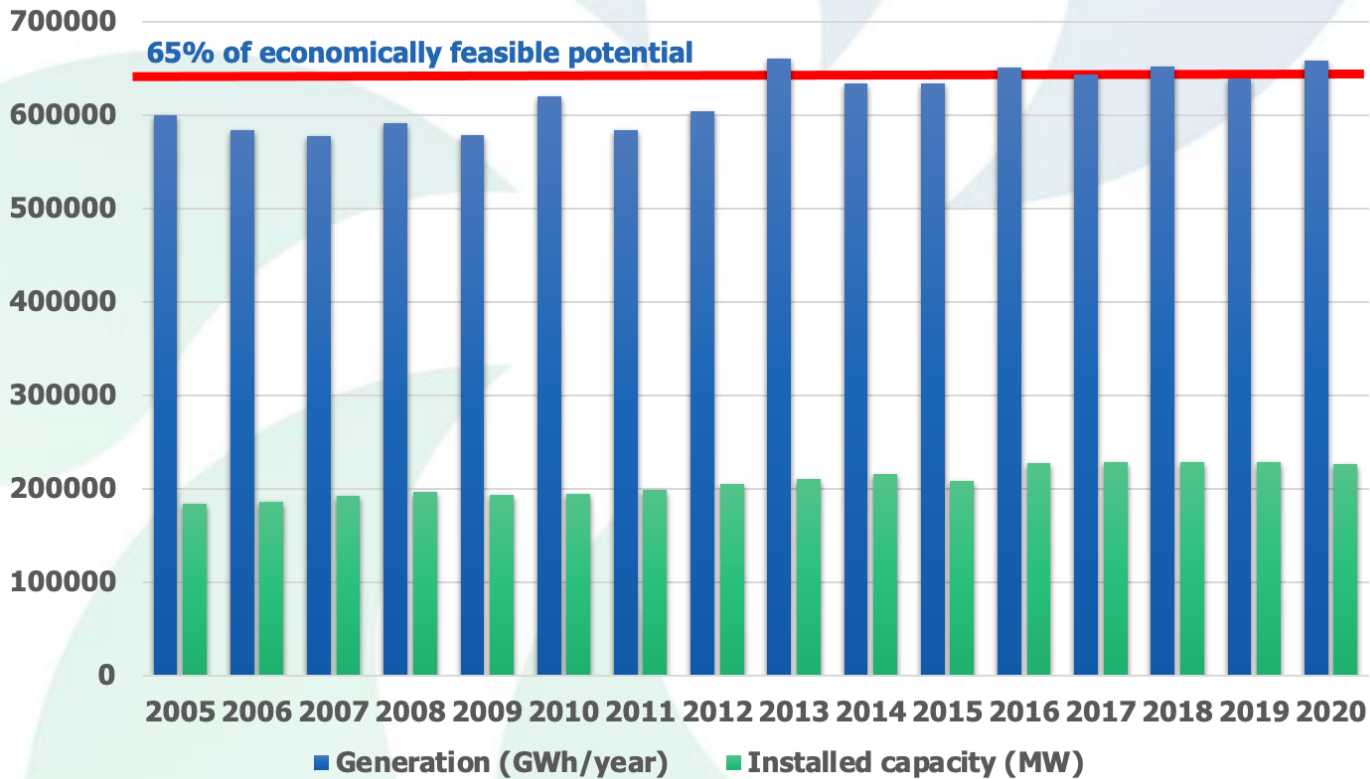
RIA : Research & Innovation
Agenda
Recommandations
18 Research Themes – 80 topics

SIR : Strategic Industry
Roadmap
Steps to new hydro deployment
11 Strategic Direction – 40 Actions

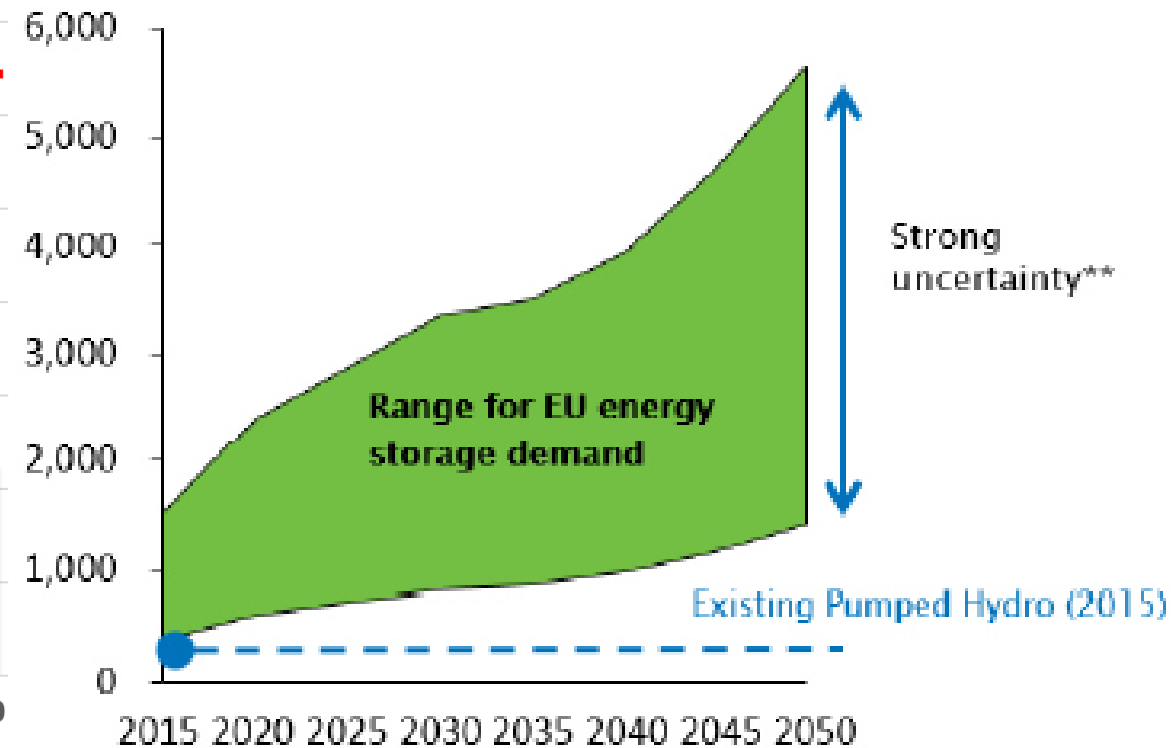


630 registered on consultation platform

Why a RIA and a SIR for Hydropower?



In Europe (with Turkey) according to Hydropower & Dams World Atlas 2021



Source: 2018 EASE – Study on Energy Storage Demand

Why? Hydropower deployment is needed because of the future strong demand of storage and flexibility

What scope for the SIR - the Strategic Industry Roadmap?

To convince policy makers and civil society, hydro deployment of all sizes needs an innovative roadmap tackling four key challenges:

1 - Analysing lessons learnt from unsuccessful projects

2 - Gathering, promoting and applying best practice for bridging the gap between parties

3 - Solving environmental issues related to water bodies

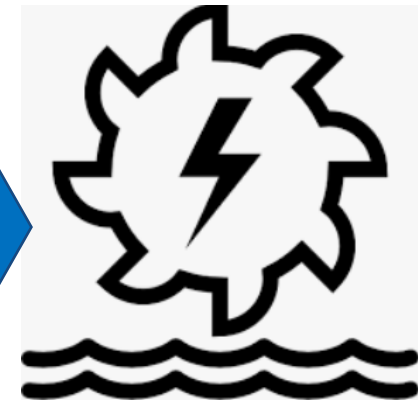
4 - Finding finance and new business models for storage and flexibility, fair and open to all technologies

To ensure the reliable and secure provision of affordable electricity, whilst meeting environmental goals

To provide relevant framework conditions for the sustainable development of hydropower projects in Europe



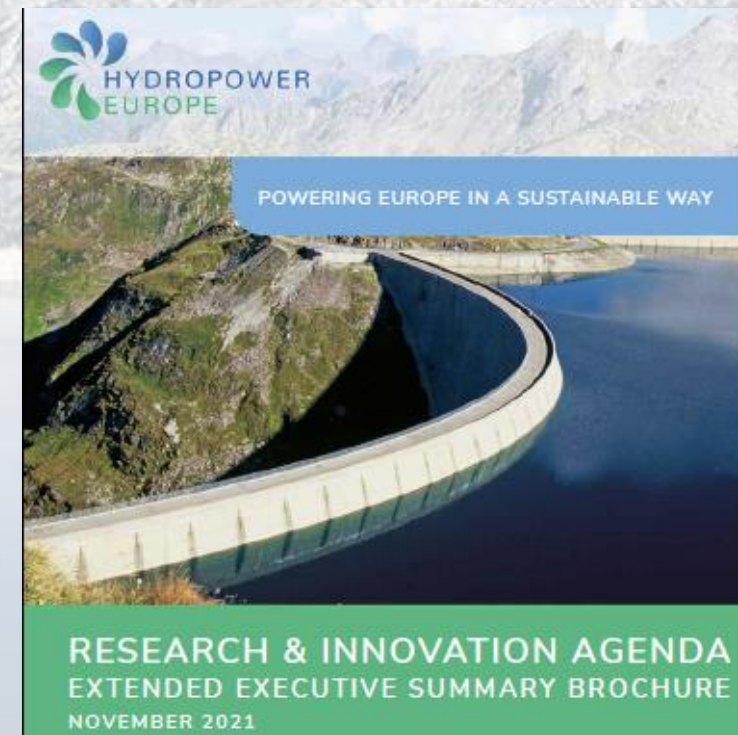
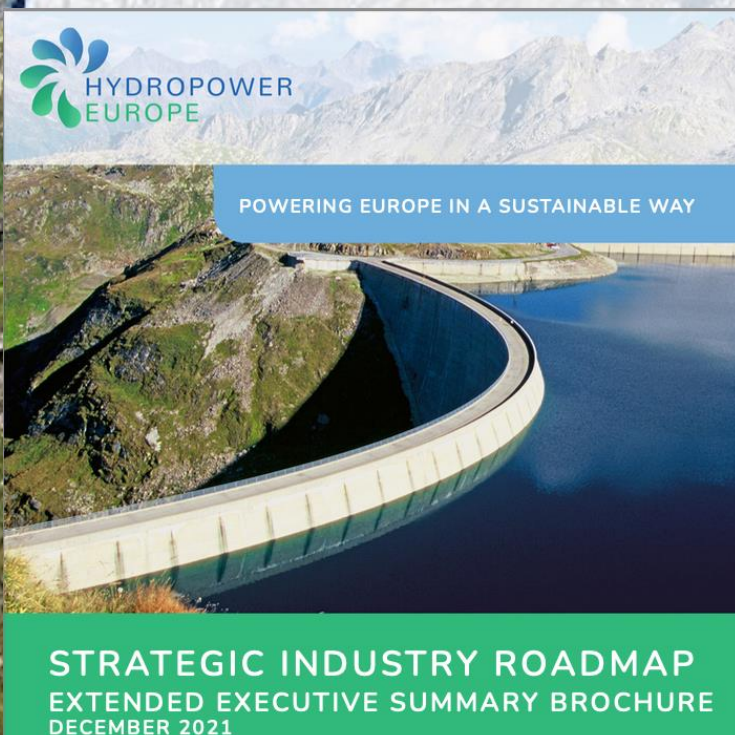
Civil society



Industry



Where are the full SIR and RIA reports ?



<https://hydropower-europe.eu>



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the European Union

www

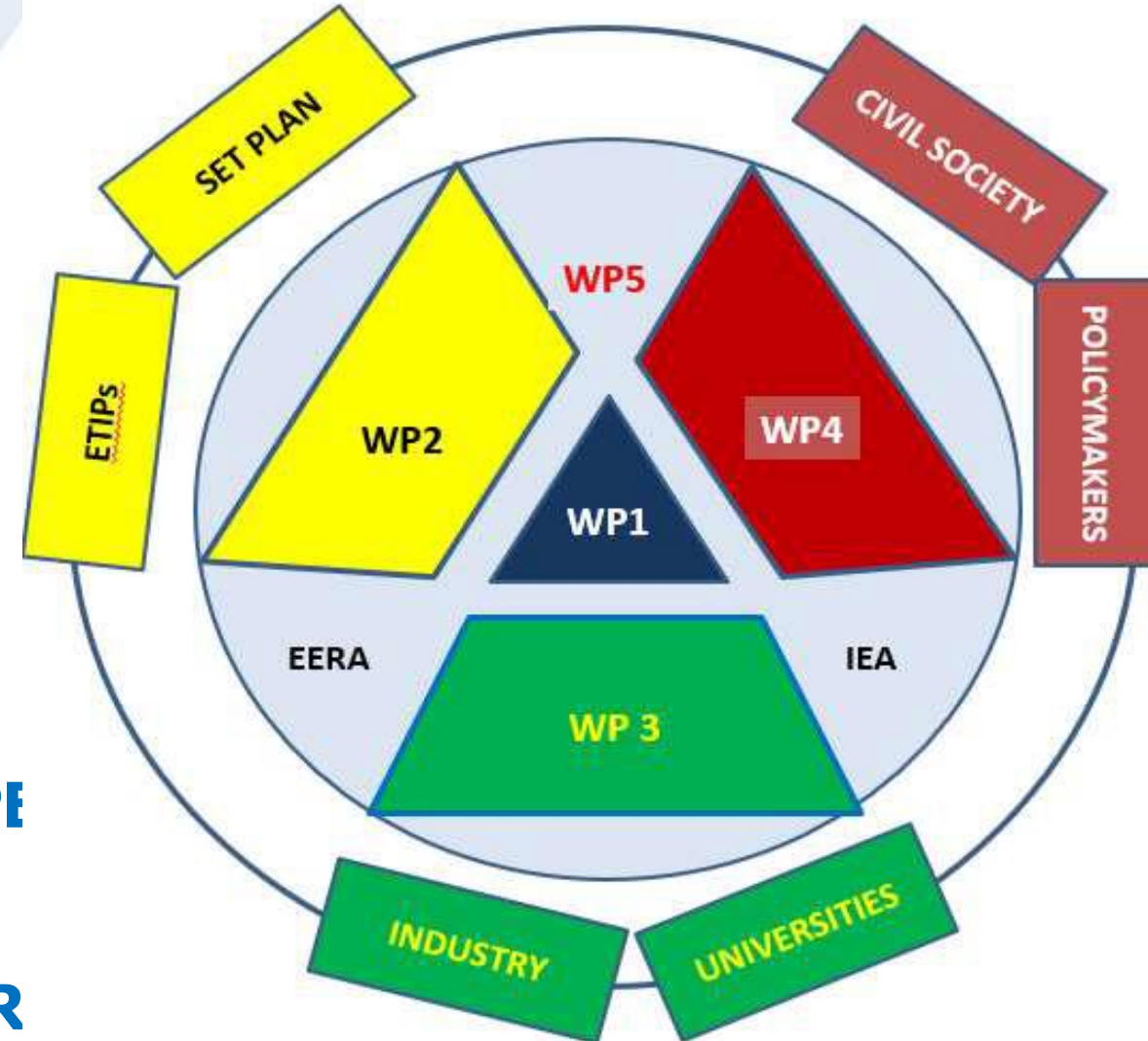
ope.eu

How implement the RIA and the SIR?

- **The HYDROPOWER EUROPE proposal for an ETIP HYDROPOWER has won the EU Call CL5-2021-D3-02-15**
- **The ETIP HYDROPOWER has started on the 1st of September 2022**
- **The ETIP HYDROPOWER will work up to 2025**
- **the ETIP HYDROPOWER will set up a sustainable organization in 2025: the European Hydropower Association**
- **The ETIP HYDROPOWER will support and facilitate :**
 - 1. implementation of the Research & Innovation Agenda priorities**
 - 2. Continuation to raise awareness of hydropower and dams and the essential role they play**

What is the ETIP HYDROPOWER?

- **An ETIP is an European Technology & Innovation Platform**
- **The ETIP HYDROPOWER is an organization funded by the European Commission to represent hydropower in the SET Plan**
- **The SET Plan is the EC's structure gathering representatives of Member States for accelerating the Energy Transition**
- **The consortium HYDROPOWER EUROPE led by EuCOLD will be the organisation in charge of administering the ETIP HYDROPOWER**



How ETIP will implement the SIR?

- **3 key strategic directions**

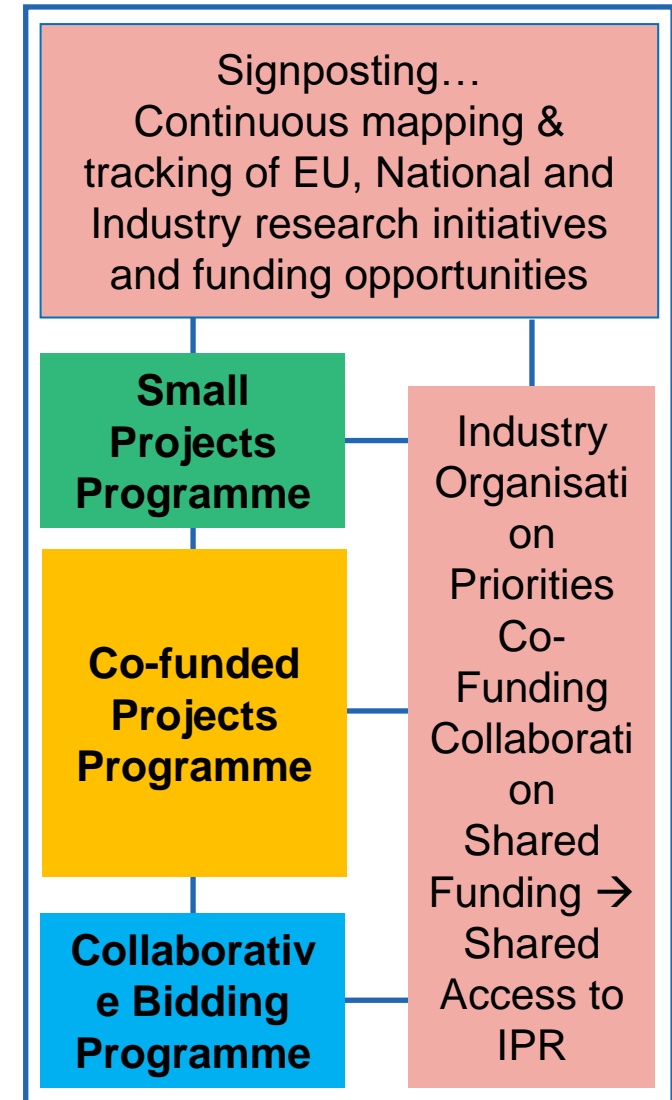
A - Providing economic and legal support for flexibility and storage

B - Preserving biodiversity and improving river ecosystems

C - Raising public awareness, increasing societal resilience and local employment

How ETIP will fund R&I?

- **ETIP will support and facilitate implementation of the Research & Innovation Agenda priorities:**
 - 1. Participating in small projects programme**
 - 2. Facilitating collaborative R&I actions between industry partners:**
 - 3. Tracking and flagging National, European & International research funding opportunities**



How you will be involved in the ETIP?

Registering on :
<https://hydropower-europe.eu>

Participating in the
next consultations
(autumn 2022)



Grazie per
l'attenzione