



BUSINESS PLAN AND POSSIBILITIES FOR A SUSTAINABLE ASSOCIATION

UNIFYING THE VOICES OF HYDROPOWER IN EUROPE

WEBINAR 25TH JANUARY 2023

9H30 - 11H30 (CET)

Shenja Ruthenberg & Mark Morris



Funded by
the European Union

www.etip-hydropower.eu

Overview

1. Priorities for a sustainable future
2. Consultation
3. Next Steps



Schlegeis Reservoir, Alps Austria

Priorities for a sustainable future...

By transitioning to a sustainable HYDROPOWER EUROPE Forum that can represent the whole industry, we have the potential to:

- Bring the industry together to build and present **unified views** to the European Commission, other public authorities and society as a whole
- Support future development and direction of the hydropower sector - in particular prioritising and **facilitating research and innovation actions** supporting hydropower's role in Europe (and worldwide)

Both Advocacy & Research Facilitation

Priorities for a sustainable future...

But, **sustainable means self financing...**

Key challenges for a unifying association include:

- (i) Showing that there is a clear role with no duplication of existing associations – rather that this complements existing associations
- (ii) Defining clear goals and objectives; showing how industry can be engaged
- (iii) Demonstrating clear value for money
- (iv) Developing a pathway and schedule for implementation that is realistic and viable

Priorities for a sustainable future...

[1] A Unified Voice:

- Lack of unified industry representation at a European level recognised
 - *There are many different associations representing different aspects of the value chain, but no single voice*
- Raising awareness of hydropower in Europe is particularly critical at present with the clean energy transition underway and increasing stress on the European energy markets
 - Representation of hydropower in the European Strategic Energy Technology Plan (SET Plan) is essential
 - **Contribution to EC Directorates of Energy, Environment, Climate, Agriculture, etc...**
 - **Representation of hydropower in other ETIP**
- The HYDROPOWER EUROPE Forum continues to grow and offers a solution to deliver a unified voice in Europe **mandated by EC**

[2] Facilitating Research Supporting Hydropower in Europe:

Facilitating research actions with Industry:

- Is of immediate interest and value to many hydropower industry organisations
 - **Enhancement of biodiversity protection, safety and uses of water**
 - Hence is a mechanism where organisations could pay to participate, with these costs outweighed by the value gained through the research collaboration process
- Is not intended to replace or duplicate existing funded research programmes
 - rather, to facilitate industry collaboration on priority issues not yet being funded , or funded enough, or addressed quickly enough, elsewhere
 - hence it should complement and extend R&I actions not replace or duplicate

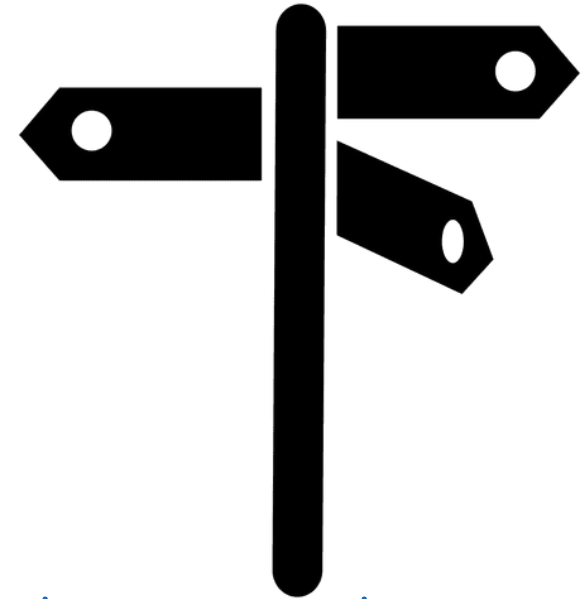
Next steps...

Consultation to confirm direction...

To:

- confirm these priorities
- better understand the balance of interest between advocacy and research facilitation
- assess willingness to pay for which services

Subsequently to phase into action



Consultation

- Aims to collect feedback from the hydropower sector on the potential format for future representation.
- Will present a number of different organisational models. For example:

A. Association for Advocacy

- Set up based on membership fees with services focussed around advocacy

B. Association for Research Facilitation

- Set up based on membership fees with services focussed around research facilitation and cooperation.

C. Association for Advocacy and Research

- Combines model A and model B

D. Association for...

- etc

Model A: Association

- Set up based on membership fees making it possible to sustain the organisation through the annual turnover
- This association would have **3 main axis**:
 - ✓ **Towards decision makers** : inputs for future energy policy to achieve decarbonisation targets, showing the added value of shifting energy
 - ✓ **Towards funding organisms**: influence/increase funding amounts for hydropower
 - ✓ **Between the stakeholders**: getting latest updates on projects and activities of the sector, networking between actors

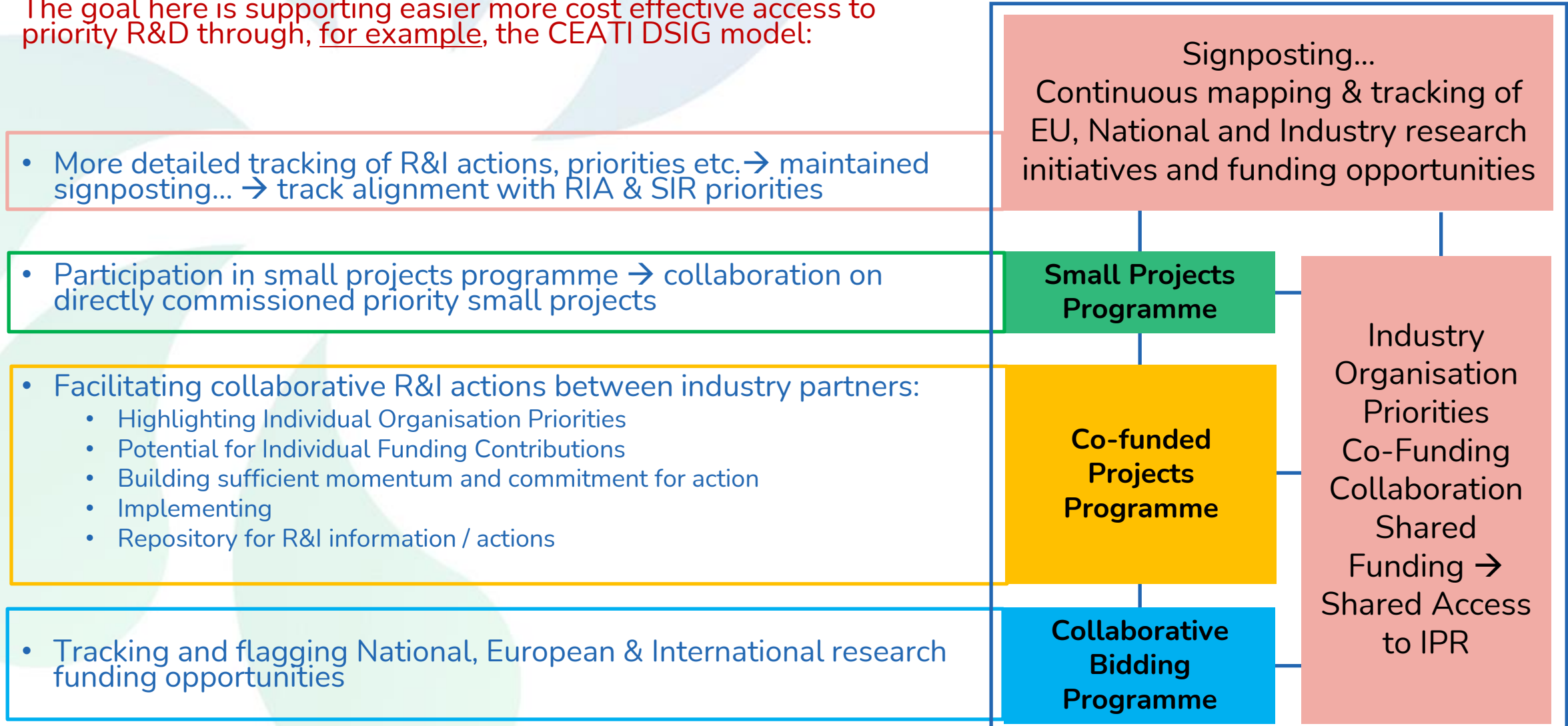
Model A: Association

Increasing the 2030 targets for GHG emission reduction

- Renewable Energy and the Water Framework Directives
- Clean Energy for all European Package: Electricity Market Design Directive
- RED III
- Monitor and improve the transposition of provisions under the Clean Energy Package
- Improving the National Energy and Climate Plans (NECPs) 2030 targets for RES

Model B: Facilitating research

The goal here is supporting easier more cost effective access to priority R&D through, for example, the CEATI DSIG model:



Example of CEATI: a successful business model for collaborative research actions

- Since 2000, several European major utilities have gone to North America for sharing collaborative research actions at CEATI DSIG : E.ON Wasserkraft GmbH (Germany), EDF (France), ELFORSK (Sweden), Scottish and Southern Energy (UK), etc.
- **The business model was successful:**
- annual membership for one organisation: 15 000 \$
 - 15 members in 2004
 - 25 members in 2010

BUT...

Over the last decade there have been numerous small projects based on FERC regulations

Since 2018 in Europe, there is an increasing need to focus on EC regulations :

- Water framework Directive
- Green Deal
- Circularity
- Coupling with other renewable energies: flexibility and storage

Which services and benefits would you like to receive?

- Visibility
- Future energy policies
- Cultivate new allies & create internal capacity to engage on policy
- Funding opportunities
- Propose, launch, manage research projects
- Influence / define research funding
- ...



Next steps...

Consultation to confirm direction...

The consultation will be undertaken via the Hydropower Consultation Platform during **Spring 2023**.

If you are not already registered, see

<https://etip-hydropower.eu>

<https://hydro-consultation.eu>

