

Both₂nia



EVENT

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Both₂nia goes Oulu & Raahel 5.–6.5.2022

This is a presentation given at the event BothH₂nia Goes Oulu & Raahe on 5.–6.5.2022.

BothH₂nia is a network of operators interested in hydrogen. The objective of the network is to create a Nordic hydrogen cluster around the Baltic Sea, beginning with the Bothnian Bay. BothH₂nia strengthens the position of the north in the European hydrogen industry!

BothH₂nia invites all businesses, research institutes, investors, municipalities and cities to roll up their sleeves for a greener future.

Please notice that the presentation has been modified to comply with the Accessibility Directive. In case for need the original material, please contact Minna Näsman (minna.nasman@both2nia.com).

EU funding on Hydrogen topics

Federica Polo
federica.polo@merinova.fi

Short Bio

- Federica Polo, Italian in Finland for 6 Years
- PhD Industrial Management, 10 Years in Academia between projects and research
- Now: Eu Affairs Manager at Merinova: I bring together Regional actors, companies and Universities into an active research collaboration for European and international projects. I act as the contact and catalyst for the development of research projects and funding applications, especially in the energy-technology sector in the Vaasa region and within the Energy Vaasa cluster.

Merinova:

- is a technology centre located in Vaasa
- founded in 1989 and is mainly owned (to 70%) by the energy technology and cleantech companies and public actors (30%) in the Vaasa region.
- implements development projects, technology projects, studies, and other actions in the field of energy and energy technology.
- manages the EnergyVaasa cluster – the largest energy technology cluster in the Nordic countries. Made of 140 companies. The EnergyVaasa cluster has been granted an ECEI Gold Label certificate of the highest degree in cluster management.

What type of hydrogen related actions can be funded

Horizon Europe can support a wide range of hydrogen actions, covering all stages of the project life cycle:

- research and innovation projects (including also applied research, technology development and integration, testing, demonstration and validation on a small-scale prototype in a laboratory or simulated environment)
- innovation actions (including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication)
- innovation and market deployment (activities necessary to deploy an innovation in the market, including the scaling-up of companies)

Where to find Hydrogen calls in HE

- Cluster5 “Climate, energy and mobility” of Pillar II
- Clean Hydrogen Partnership, and the European Innovation Council support for the deployment of innovative solutions in Pillar III.
- Other clusters, public and private partnerships (PPPs) and Missions in Pillar II may provide additional opportunities for applied research activities.
- More info here: https://ec.europa.eu/growth/industry/strategy/hydrogen/funding-guide/eu-programmes-funds/horizon-europe_en

Conditions for application

Who is eligible for participation?

- Any legal entity (natural person or legal person with legal personality), regardless of its place of establishment and including legal entities from non-associated third countries or international organisations. This includes researchers and innovators (also individuals), universities, research organisations, companies and consortia.
- Legal consortia must include at least one independent legal entity established in a EU country, and at least two other independent legal entities each established in different EU countries or associated countries.

Who is eligible for funding?

- Legal entities that are established in a EU country or an associated country.
- Entities from non-associated third countries will bear the costs of their participation
- Specific conditions are set in the call for proposals of the specific work programme and the specific action.

Open calls on Hydrogen topics:

Topics available:

- 10 - Renewable Hydrogen Production
 - 11 - Hydrogen Storage and Distribution
 - 8 - Transport
 - 4 - Heat and Power
 - 5 - Cross-cutting
 - 2 - Hydrogen Valleys
 - 1 - Strategic Research challenge
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- LINK Call 2022: https://www.clean-hydrogen.europa.eu/apply-funding/call-proposals-2022/call-proposals-2022_en

HORIZON-JTI-CLEANH2-2022 (HORIZON-JTI-CLEANH2-2022-2)

- The scope of this topic is to **develop, deploy and demonstrate a hydrogen valley** having the aim to increase in size and characteristics overtime
- A Hydrogen Valley is covering a defined geographical area in which hydrogen serves in general more than one end user or application in mobility, industry and energy. They typically comprise a substantial financial investment and cover as much as possible the necessary steps in the hydrogen value chain, from production (and often even dedicated renewable electricity production) to subsequent storage and its transport & distribution to various off-takers. Hydrogen Valleys are starting to form regional "hydrogen economies". Such projects are necessary for piloting global hydrogen markets and should be expanded in number or scale to demonstrate the full range of benefits from the use of hydrogen as an energy carrier.
- partners from different European countries
- 8 million euros.
- TRL 8 is expected at the end of the project.
- The deadline for the project submission is 20th September 2022, the consortium will be finalized before Summer holidays.

Thank you for your attention

federica.polo@merinova.fi
