

SLOVAK HYDROGEN CLUSTER

30.3.2023



EURÓPSKA ÚNIA
Európsky fond regionálneho rozvoja
OP Integrovaná infraštruktúra 2014 – 2020



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WHO WE ARE - OUR GOALS

Established in 2019

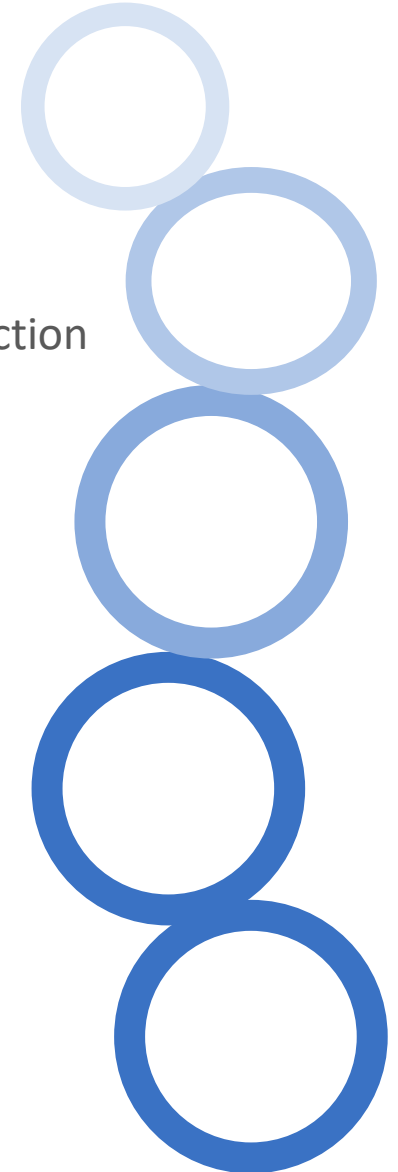
- ✓ Creation of Hydrogen economy
- ✓ Support of the hydrogen technologies deployment.
- ✓ A new business model identification and development.
- ✓ Identification and removal of barriers preventing hydrogen integration into the energy system.
- ✓ Encouraging cities and regions to deploy hydrogen technologies.
- ✓ Active engaging in the formation of European and national policies and supporting schemes.
- ✓ International cooperation and participation



Universities, municipalities, NGOs, Governmental organizations, R&D institutions	10
Large sized Companies (turnover > 50 mil EUR)	14
Medium sized Companies (turnover 5 - 50 mil EUR)	20
Small sized Companies (turnover 0.5 - 5.0 mil EUR)	11
Micro sized Companies (turnover < 0.5 mil EUR)	16
Individuals	6
Total	77

WHAT WE DO - ACTIVITIES OF CLUSTER

- Organizing of **regional workshops** – 7 self government regions
- Organizing of **hydrogen conference** and/or specific panels within the energy conferences
- Consultation and participation on **legislative framework** for hydrogen economy – Hydrogen strategy, Action plan, other legislative norms
- Implementation and consultation of **technical norms** related to hydrogen
- Organizing of meetings with international **clusters, organizations** and **chambers of commerce**
- **Cooperation** and **expert consultancy** services on hydrogen projects
- Annual **General assembly** of Cluster members
- Regular **Newsletter** for all members



WHAT WE ARE LOOKING FOR - Hydrogen - Cluster



The main objectives:

- creation of a **platform** for connecting individual participants (stakeholders) with activities in hydrogen technologies in hydrogen projects
- **Sector coupling**
- effective **tool for mutual communication and cooperation** (joint meetings, organization of workshops, publication of newsletters, sharing of knowledge through a **digital platform**, international cooperation within the framework of the V4 and the EU - sharing of best practices, creation of joint projects, involvement of international experts in Slovak projects, organization of international conferences, summits, HyEDU, participation in foreign events)
- **search and interconnect domestic and foreign partners**
- activities will result in specific projects, documents, publications, technical and financial recommendations and proposals, research and development activities and implementation of hydrogen technologies
 - Project development Assistance (PDA)
 - Hydrogen valley in Slovakia





*„Hydrogen is a key element in
decarbonization of Europe“*

Thank you

W W W . N V A S . S K

Peter Hegeduš

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