



Co-funded by the COSME programme
of the European Union



ClusterXchange



SMARTENERGY
Digitalising Energy in Europe

The SMARTENERGY six-pack series

Online advanced training & B2B on game changing energy trends

4 topics - 6 online sessions each

Virtual exchanges on H2 technologies

17 February 2021 – 24th March 2021

Hosted by CLEVER cluster





SMARTENERGY – Digitalising energy in Europe

OBJECTIVES

- ⚡ Supporting companies that have developed solutions (products and services) in the energy field in the **industrialization and market access** phase, through the development of innovative services offered by our network of 6 European clusters (SMARTENERGY ESCP – European Strategic Cluster Platforms)
- ⚡ Enhance through the role of clusters the **integration between the energy the digital technologies**, for the many possible applications in this phase of energy transition (smart building, sustainable mobility, smart industry, energy management, smart grids).
- ⚡ Promoting the meeting and exchange between companies and other organizations belonging to the participating clusters, through the **exchange visits** provided by the **ClusterXChange program**



SMARTENERGY – Digitalising energy in Europe

WHO'S ON BOARD





The SMARTENERGY approach to the virtual exchanges and the ClusterXChange program

Participants joining the ClusterXChange virtual exchanges promoted by the SMARTENERGY ESCP-4x, will:

- **Get training on the state of art of important energy technologies**, applications and trends for EU energy transition
- Discover, through the SMARTENERGY hosting partners, **the regional innovation networks and ecosystems** dealing with specific energy topics
- **Get support in matching with local innovation partners** and looking for opportunities



HYDROGEN TECHNOLOGIES

Italy – start 17/02/2021



Energy Communities

Belgium – start 23/02/2021



SMART GRIDS

France – start 04/03/2021



SMART BUILDINGS

Hungary – starting on 12/03/2021

To register, participate to virtual exchanges and get support from SMARTENERGY partners:

<https://clustercollaboration.eu/profile-articles/smartenergy-six-pack-training-series-dates-and-programmes>



SMARTENERGY
Digitalising Energy in Europe

Location

Torino and Vercelli
Piemonte
Italy



CLEVER Cluster in brief

Cluster Manager

Environment Park – Torino - Italy



Open access lab facilities

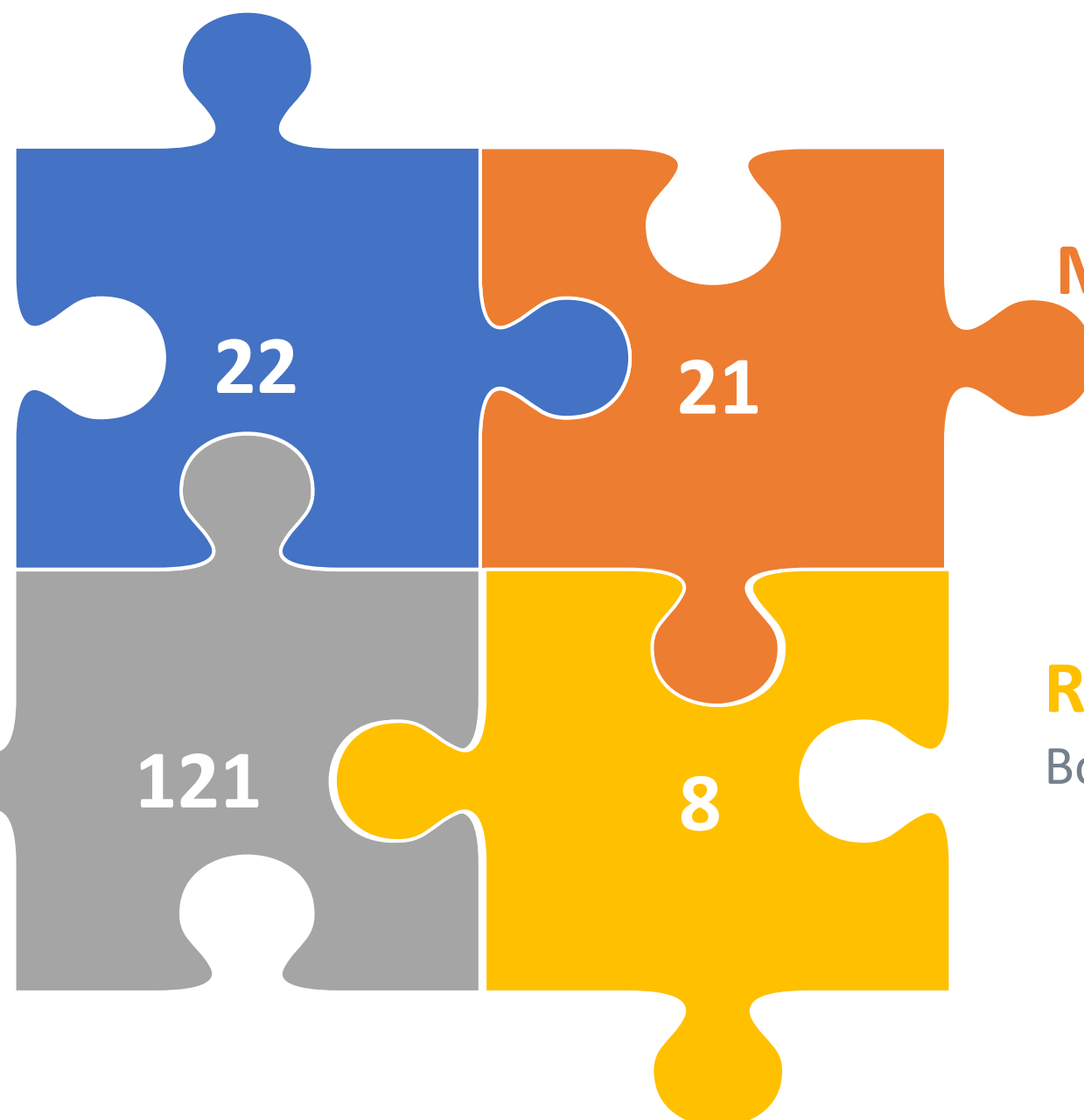
- **Target:** industrial research - training
- **Management model:** cooperation with research institutions plus tech transfer experts (by Envipark)
- **Active topics:**
 - Hydrogen and fuel cells
 - Green Chemistry
 - CO2 circular exploitation
 - Energy efficiency in buildings
 - Clean surface treatment processes



Members of CLEVER in 2020

Large enterprises

Mainly energy, waste,
and water utilities



Medium enterprises

Research centers

Both private and public

Areas of activity

Energy



Sustainable
mobility



Circular
economy



Climate changes



Water



Clean solutions



CLEVER Cluster how do we work

Input

Elaboration

Services/Activities

Output



Innovation demand

Opportunities

Needs

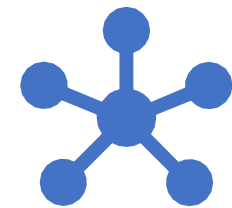
Innovation Cluster action



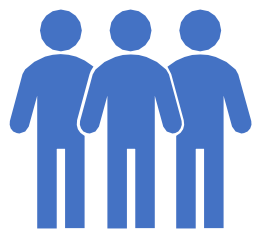
Audit/Dialogue



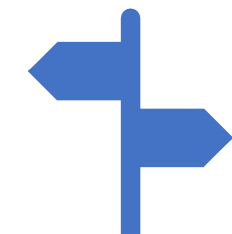
Sectorial Know how



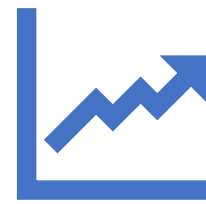
Networks



Professional approach



Orienteering



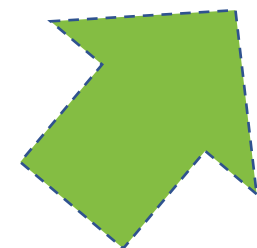
R&D Projects



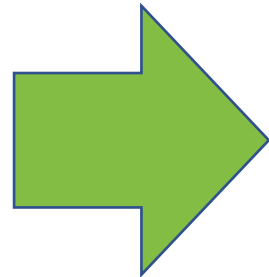
Increased visibility



Collaboration agreements



Interest and innovation demand on H2 technologies



HYDROGEN TECHNOLOGIES
Italy – start 17/02/2021



17/2

Hydrogen Knowledge Exchange Program ready, set, go.
H2 value chain in Piedmont Region

H. 9.00-11.30
Speakers from: Environment Park, H2IT, Piedmont Region

H.11.30- 13.00
B2B: Meet the speakers

24/2

What is behind the scenes?
Find out H2 labs, researchers, and facilities in Piedmont

H. 9.00-11.00
Speakers from: Environment Park, IIT, Politecnico di Torino, Università di Torino

H.11.00- 13.00
B2B: Meet the speakers

03/03

The stage goes to...
The key players of H2 technologies introduce their companies and activities (1/2)

H. 9.00-11.00
Speakers from: Dolomitech, Hysytech, Punch Torino, IREN, Gruppo SAPIO

H.11.00- 13.00
B2B: Meet the speakers

10/3

The stage goes to...
The key players of H2 technologies introduce their companies and activities (2/2)

H. 9.00-11.00
Speakers from: Acea Pinerolese Industriale, SNAM, Tecnodelta, Solvay

H.11.00- 13.00
B2B: Meet the speakers

17/3

How did they succeed?
Overview of innovative cooperation projects on H2 technologies and key factors

H. 9.00-11.00/
Speakers from: Environment Park, RINA, Tecnodelta, Hensel Recycling, Unito, Polito

H.11.00- 13.00
B2B: Meet the speakers

24/3

What's next?
Looking for opportunities for cooperation, industrialization and market access of H2 solutions

H. 9.00-10.30
Speakers from: Centro Estero Internazionalizzazione Piemonte, EIT, ENEA, Tenerrdis, Tweed

H.10.30- 13.00
B2B: Meet the speakers

Want to know more about energy sources for alternative propulsion systems ?



LO SVILUPPO DI SISTEMI INNOVATIVI DI PROPULSIONE

Nuove opportunità di internazionalizzazione
per le PMI piemontesi

TORINO 17 febbraio
h. 15.00 - 17.00

Speakers:

- Punch Torino
- SNAM

Register at https://adesioni.centroestero.org/new_propulsions

Matchmaking session

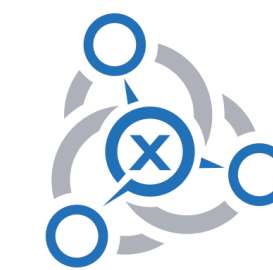


Book your meetings in the **BtoB session** from 11.30 to 13.00 !

- Click on the [event link](https://network.flux50.com/events/smartenergy-6-pack-series-hydrogen-technologies/) and access Flux50 network platform (<https://network.flux50.com/events/smartenergy-6-pack-series-hydrogen-technologies/>)
- Create your account
- Log in complete your profile
- **Book your meetings** and share your opportunities!



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