



# RePowerEU: Energy solutions & industrial competitiveness, part 2

25 May • 8:30CET



EUROPEAN CLUSTER  
COLLABORATION PLATFORM

# Agenda

1. News from the European Cluster Collaboration Platform
2. “From Our Own Correspondent”: Press Conference on REPowerEU, 18 May 2022
3. Perspectives from the European Commission  
**Jacek Truszczyński**, Deputy Head of Unit at Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs (DG GROW), European Commission
4. Panel debate: How can we rapidly deploy renewable energies and address energy interdependencies?  
**Cédric Brüll**, Director, Cluster TWEED  
**Katia Ferrari**, Cluster Manager, Clust-ER Greentech  
**Pedro Casero**, Head of Innovation Department, Fundación Hidrógeno Aragón
5. Funding opportunities

# Housekeeping rules

Chris Burns, presenter

- Please use the **chat function** to comment or share links, and the **Q&A function to ask questions**.
- Please note that your microphone is **muted**.
- Please **raise** your hand if you like to take the floor and **unmute** yourself.
- If you would like to be on video, please ask us to **activate your camera**.
- Please note that the session is being **recorded**.

# NEWS FROM THE EUROPEAN CLUSTER COLLABORATION PLATFORM

## Survey: A Solutions-Oriented Approach to Supply Chain Disruptions on behalf of the European Commission

Your support counts! Has your business recently suffered from supply chain disruptions? Do you have ideas on how these disruptions should be solved? If the answers are yes, we want to hear from you!

# Survey “A Solution-Oriented Approach to Supply Chain Disruptions”

Has your business recently suffered from **supply chain disruptions**?  
Do you have **ideas or projects** on how these disruptions should be **solved**?  
If the answers are yes, we want to hear from you!

Please fill in the survey: <https://ec.europa.eu/eusurvey/runner/SolutionSurvey#page0>

# Join us in Cluj-Napoca, 22-23 June!



- **Interactive workshop** for companies, clusters, financial providers, actors from the civil society, and other interested entities to work on project roadmaps for **solutions to disrupted value and supply chains**
- Preparatory webinar: 9 June, 14:00 CEST
- Express your interest now: <https://clustercollaboration.eu/events/organised-by-eccp/c2lab/cluj-romania>

# European Semester: Spring Package Communication

- The Commission presented the **2022 European Semester Spring Package**. As the EU's economy faces great uncertainty, largely due to Russia's war against Ukraine, the Semester's top priorities are strengthening resilience, diversifying the EU energy mix, moving towards prudent fiscal policies, making the green and digital transitions happen, and making employment policies socially fair and inclusive.
- The 2022 European Semester Spring Package **provides Member States with support** and guidance in the midst of Russia's ongoing invasion of Ukraine. As announced in the 2022 Annual Sustainable Growth Survey, it again includes **country reports and country-specific recommendations**.
- Info on [European Commission Publications](#)

# Solidarity Lanes to help Ukraine export agricultural goods

- The European Commission sets out an action plan to establish 'Solidarity Lanes' to ensure Ukraine can export grain, but also import the goods it needs, from humanitarian aid to animal feed and fertilisers.
- The Commission will set up a **matchmaking logistics platform** and ask Member States to designate dedicated Solidarity Lanes contact points
- Info on [EU Press Corner](#)



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# Commission presents plans for the Union's immediate response to address Ukraine's financing gap and the longer-term reconstruction

- Continued relief and future support to the reconstruction
- Rebuild Ukraine Facility, e.g. to rebuild infrastructure, health services, housing, schools, as well as digital and energy resilience, in line with European policies and standards.
- Info on [EU Press Corner](#)



# Commission launches consultations on the regulatory framework for renewable hydrogen

- The European Commission has launched two consultations clarifying EU rules applicable to renewable hydrogen
- The first proposal sets the criteria for products that fall into the “renewable hydrogen” category
- The second proposal on the methodology for GHG savings puts forward a detailed scheme to calculate the life-cycle emissions of renewable hydrogen
- Info on [EU Press Corner](#)



# Workshop series: Get digital

- The European Commission alongside the European Innovation Council and SMEs Executive Agency (EISMEA) and DIGITAL SME launched the **workshop series – Get Digital**.
- The initiative supports digital companies from the **EU, Ukraine, Moldova and Georgia** who have the potential to **scale a digital solution that decreases European dependence on oil, gas, and external raw materials**, as well as increase overall supply chain resilience.
- The workshops are split into two sessions. The first workshop has a focus on decreasing European dependence on oil, gas and external raw materials, called Get Digital: Go Green. The second workshop, Get Digital: Be Resilient, focuses on supply chain resilience.
- More info and sign up on [EU Press Corner](#)

# FROM OUR OWN CORRESPONDENT Press Conference “REPowerEU”

# Jacek Truszczyński

Deputy Head of Unit

Directorate-General for Internal Market, Industry,  
Entrepreneurship and SMEs (DG GROW), European Commission



# REPowerEU plan

EU Cluster Talks, 25 May 2022

GROW.I3 – Green and circular  
economy

# Timeline

## Versailles Declaration

EU leaders

- Agreed to phase out the EU dependency on Russian gas, oil and coal imports as soon as possible.
- Invited the Commission to put forward a REPowerEU Plan by the end of May and a plan to ensure security of supply and affordable energy prices during the next winter season by end of March.

## European Council Conclusions

EU leaders:

- Confirmed they were looking forward to a comprehensive and ambitious plan, elaborated in close coordination with Member States, by the end of May 2022.
- Asked the Commission to reach out to energy stakeholders, and to discuss if and how the short-term would contribute to reducing the gas price and address its contagion effect on electricity markets.
- Called on the Commission to “submit proposals that effectively address the problem of excessive electricity prices while preserving the integrity of the Single Market and its level playing field, maintaining incentives for the green transition, preserving the security of supply and avoiding disproportionate budgetary costs.”



# REPowerEU Package



REPowerEU Plan Communication, Annexes and Staff Working Documents



Amendments to Renewable Energy Directive, Energy Performance of Buildings Directive and Energy Efficiency Directive



EU Save Energy Communication



EU Solar Strategy Communication



EU External Energy Engagement Communication



Recommendation on speeding up permit-granting procedures for renewable energy projects and facilitating Power Purchase Agreements



Amendment to RRF Regulation and Guidance



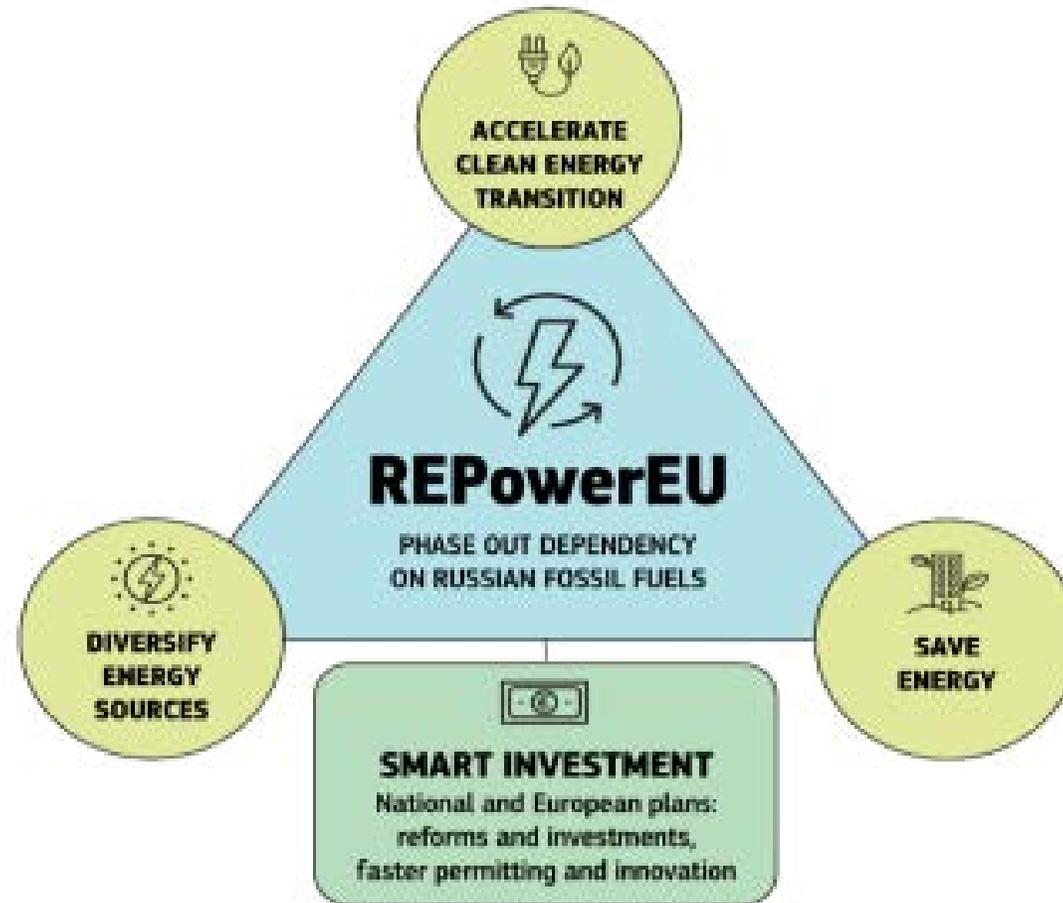
Draft Delegated Acts on RFNBO additionality and low-carbon hydrogen

**Outside the package but to be adopted on the same day:**



Electricity Market Design Communication

# REPowerEU Plan



# 1. Save Energy

**Immediate actions:** campaigns for behavioral change

1. 'Playing my part' campaign with IEA



**Mid to long term energy efficiency measures**

**1. Higher target in EED:**  
from 9% to 13% by 2030



**2. Strong involvement of  
regions and cities**

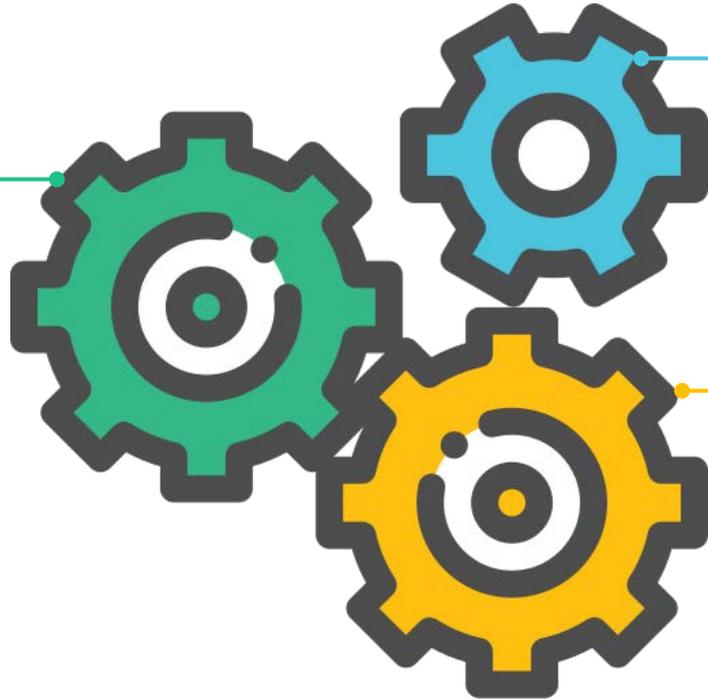


**3. Financing** through  
RRF and MFF



## 2. Diversification of supplies

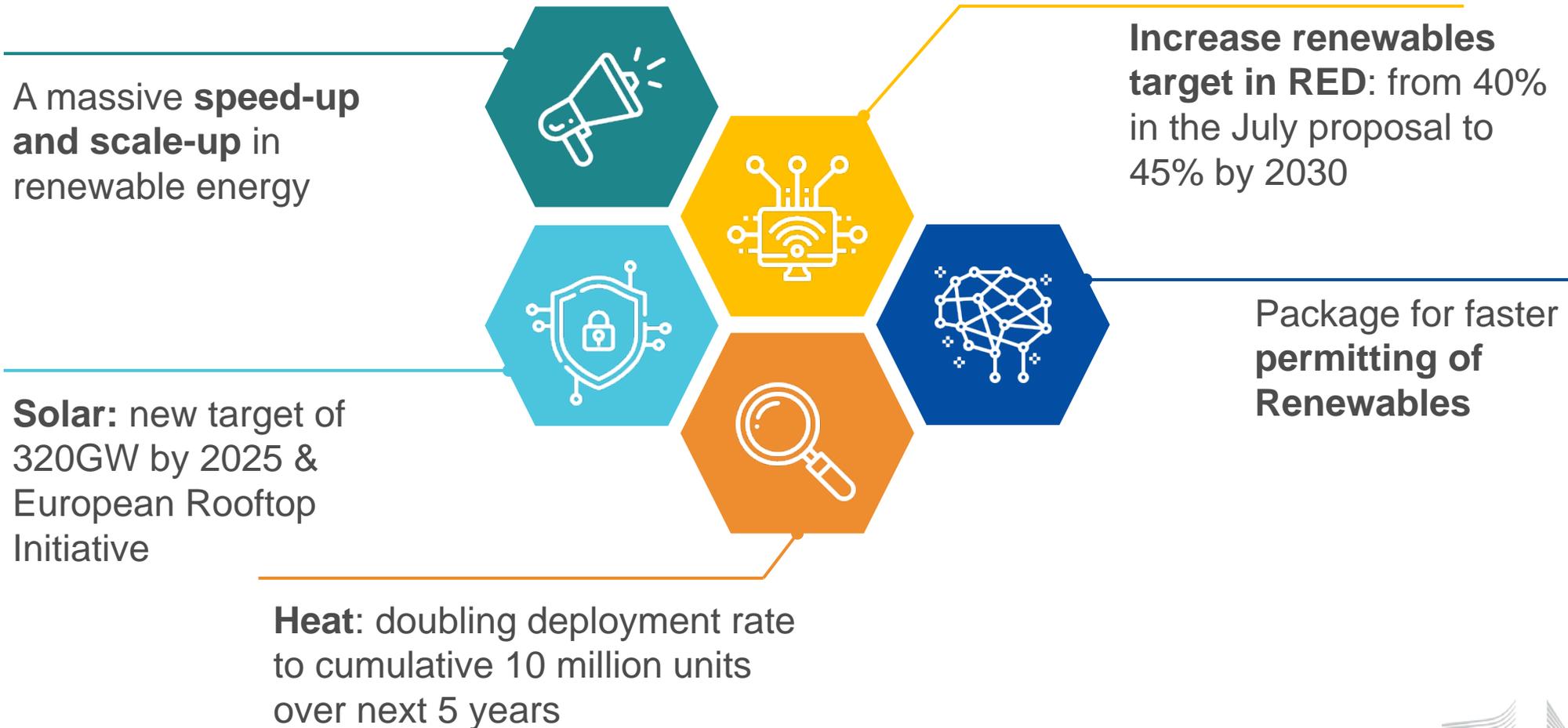
Building on **significant diversification** already achieved



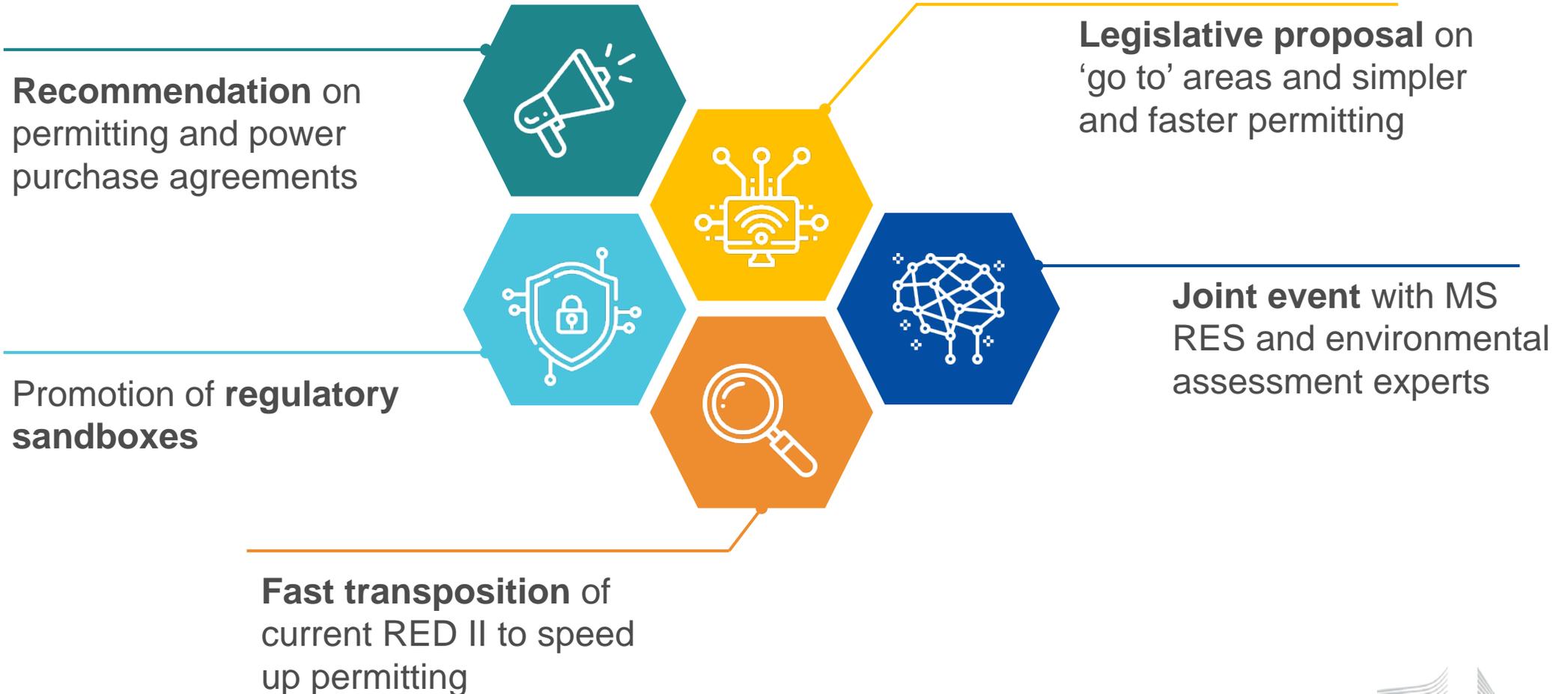
**EU Energy Platform** for the pooled purchase of gas, LNG and hydrogen

**External Energy Engagement Strategy** to ensure long-term, robust relationships

## 3.1 Accelerating the clean energy transition – solar, heat, wind



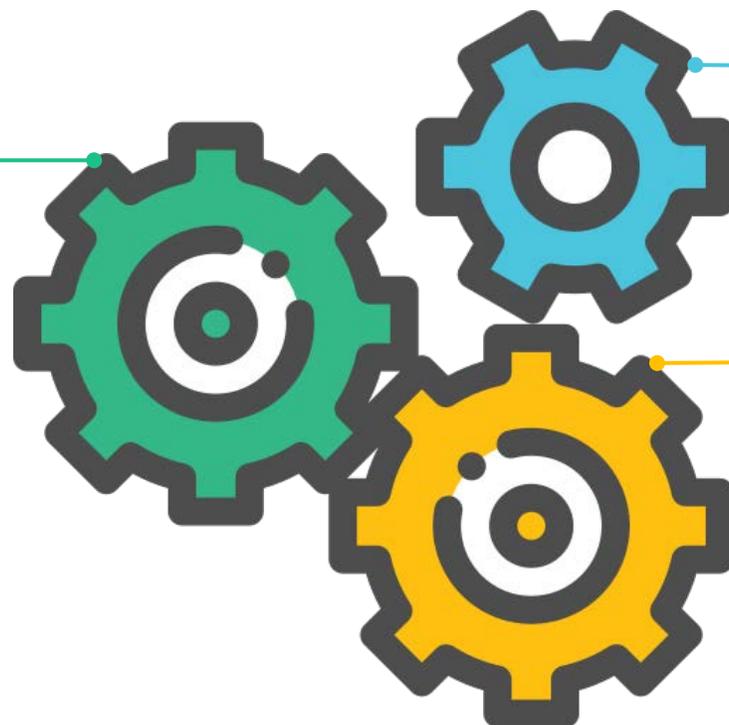
## 3.2 Accelerating the clean energy transition – permitting



## 3.3 Accelerating the clean energy transition – H2 & biomethane

### Complete regulatory framework

(hydrogen and gas market package, two delegated acts, standards)



Dedicated plan to double **biomethane** production by 2030

**Renewable hydrogen accelerator:** 10 million tonnes each of domestic production and imports;  
**Green hydrogen partnerships**  
**Hydrogen infrastructure corridors** both inside the EU and to facilitate **imports**

## 3.4 Accelerating the clean energy transition – supply chains, skills, raw materials



1. Announcement of **EU Solar Industry Alliance**



2. **Electrolyser Declaration**: Scaling up electrolyser capacity

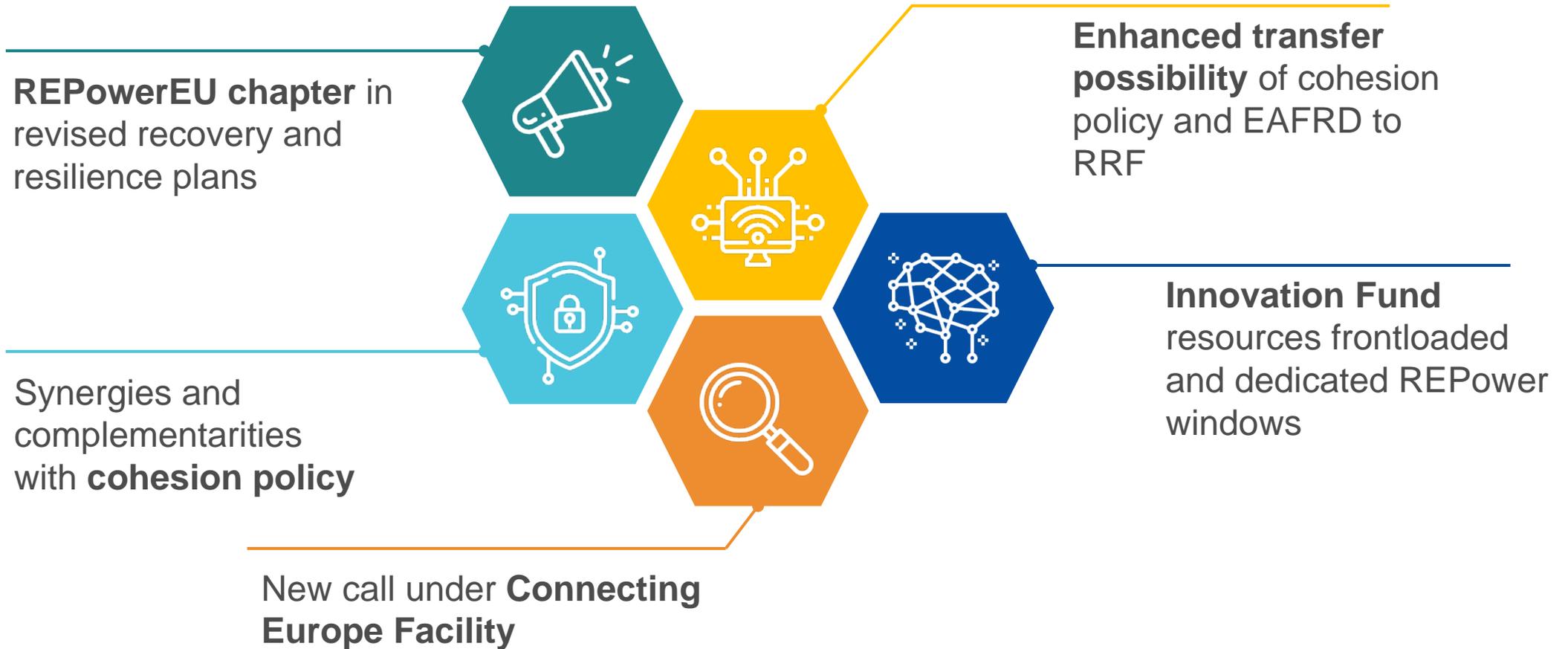


3. Intensify work on **critical raw materials** and prepare proposal



4. Large-scale skills partnership under **Pact for Skills**

# 4. Smart Investment



# 5. Preparedness



1. MS to pre-emptively implement **Save Energy**



1. MS to **update contingency planning**



2. MS to conclude outstanding **bilateral solidarity arrangements**



4. Commission to provide guidance on **prioritisation criteria**

# Conclusion

- An ambitious plan to phase out dependence from Russian fossil fuels
- Comprehensive package of measures, covering:
  - Energy savings
  - Diversification of supplies
  - Accelerating deployment of renewables
  - Smart investment
  - Preparedness
- Next steps: To be endorsed by Leaders at 30/31 May European Council

# Thank you



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# Panel debate:

## How can we rapidly deploy renewable energies and address energy interdependencies?

Cédric Brüll, Director, Cluster TWEED

Katia Ferrari, Cluster Manager, Clust-ER Greentech

Pedro Casero, Head of Innovation Department, Fundación Hidrógeno Aragón

# TWEED, Sustainable Energy & Water Cluster in Wallonia–Belgium

- ❑ Created in 2008 (Energy) & 2022 (Water) : Team of 8 people
- ❑ TWEED = 180 premium members (85% are companies) developing technologies in the Energy & Water sectors to ensure a global Sustainable Development. + More than 400 players/technologies in our ecosystem
- ❑ #Networking #Support #Projects #Studies #ValueChain #Roadmap #Promotion #Information #International #Marketplace #BusinessDevelopment,...
- ❑ S3 –Smart Specialisation Strategy coordinator for energy & water strategies for Wallonia : #Hydrogen (H2Hub Wallonia), #Energy Communities (CERACLE), H2O,...



- ❑ At EU Cluster Level, actual partner of 2 COSME Projects :
  - ❑ **AEWEN**, a Cosme European Project to create an African-EU Water and Energy Network with a focus on 3 specific countries in Africa: Morocco, Senegal and Tunisia. In collaboration with Tenerrdis (France), Environment Park – Clever (Italy), Catalan Water Partnership (Spain) & TWEED (Wallonia-Belgium).
  - ❑ **SmartEnergy**, a Cosme European Project Supporting SMEs in energy sector to access the market and exploit the digital technologies, through innovative cluster services. In collaboration with Environment Park – Clever (Italy), Tenerrdis & Minalogic (France), ArchEnergy (Hungary), Flux50 & TWEED (Belgium).



# GREENTECH CLUST-ER

101 MEMBERS

## 2 VALUE CHAIN:

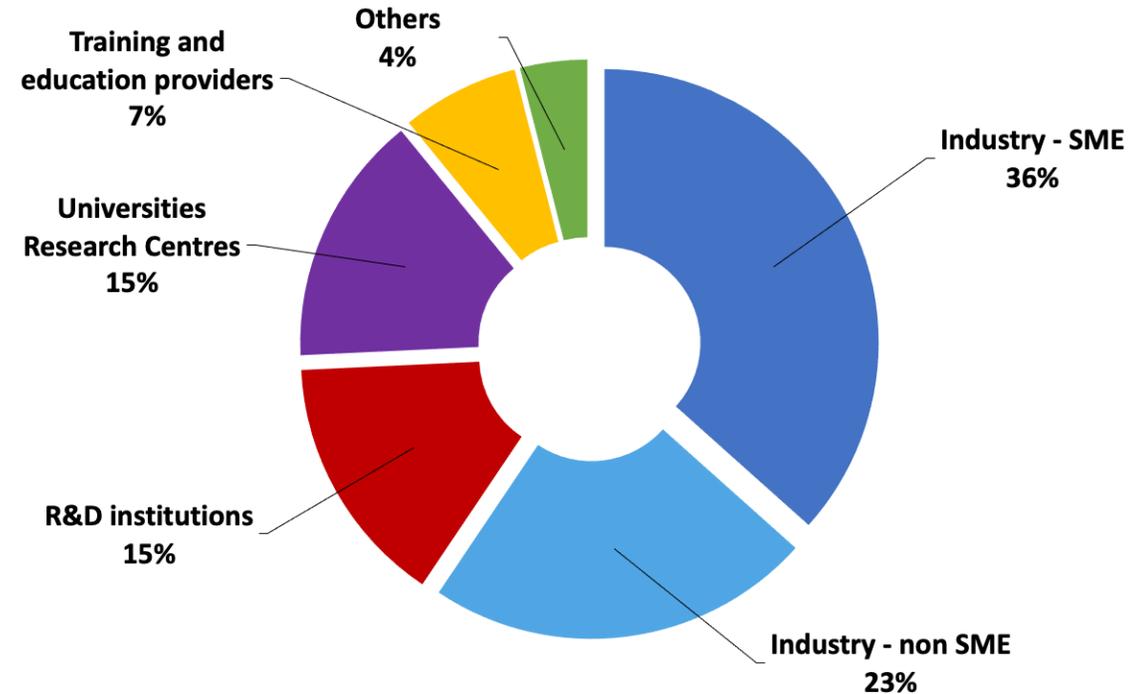
- Low Carbon Economy
- Environmental Sustainability and Ecosystem Services

## 6 STRATEGIC OBJECTIVES:

- **Renewable energies**
- **Smart energy systems**
- **Energy efficiency and low carbon solutions for industry**
- Sustainable development of coastal areas
- Anthropogenic impacts on air quality and climate changes
- Circular economy and sustainable development

## 2 EU COSME PROJECTS

- **GSSC** - Green Small Smart Cities
- **H2GLOBAL** – European Green Hydrogen Cluster Alliance for Internationalisation

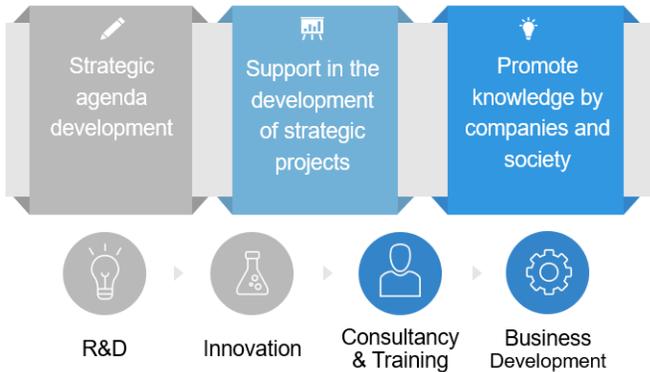


# Aragon Hydrogen Foundation

We are a private, non-profit research centre, created to promote the use of hydrogen as an energy vector.

Promoted by the Government of Aragon in 2003 with the support of the Aragonese industry and entities from different sectors of activity and we are supported by a Board of 78 members.

Located in Huesca, Spain



**ADMINISTRACIONES PÚBLICAS / ADMINISTRATIONS**

Ayuntamiento de Huesca, Gobierno de Aragón, Ayuntamiento de Sabinigo, GOBIERNO DE ARAGON

**CORPORACIONES Y ASOCIACIONES / CORPORATIONS AND ASSOCIATIONS**

Cámaras Aragón, CEA Aragón, CEA Aragón, Ingenieros Industriales

**ENERGÍA / ENERGY**

acciona energía, Atlas Copco, Class management, Compañía Eólica Aragonesa, S.A., Dhamma Energy, enagas, enhol, exolum, endesa, Fundación Redexis, Geolica, GRUPO JORGE, IBERDROLA, IGNIS, IMS, RWE, SAI, SAMCA, SIEMENS Gamesa, SKY GLOBAL, Syder, TAIMWESER, TCI, Vestas, ZOILORIOS

**INMOBILIARIA Y OBRA CIVIL / REAL STATE & CIVIL WORK**

Brial, HORCONA, VIDAL OBRAS Y SERVICIOS

**INDUSTRIA QUÍMICA / CHEMICAL INDUSTRY**

Air Liquide, CARBUROS METÁLICOS, Ercros, Linde

**AUTOMOCIÓN / AUTOMOTIVE**

AIRTEX, TATA, Valeo

**METAL MECÁNICO / METAL-MECHANIC**

ARPA, CALVERA, EQUIMODAL, galagar, Jemba, lapesa

**INVESTIGACIÓN, ENSEÑANZA E INNOVACIÓN / RESEARCH, TRAINING AND INNOVATION**

circe, CSIC, ITAINNOVA, SANVALERO, Universidad Zaragoza, Escuela Universitaria Politécnica - La Alfranca, walqa

**INGENIERÍA Y CONSULTORÍA / ENGINEERING AND CONSULTANCY**

IDOM, intecsa, maetel, satel, tafyesa, VeGlobal

**SEGURIDAD Y HOMOLOGACIÓN / SAFETY AND RCS**

itevelesa, SGS, GMR

**OCIO Y TURISMO / TOURISME AND LEISURE**

aramon

**AGENCIAS PÚBLICAS / PUBLIC AGENCIES**

IAF INSTITUTO ARAGONES DE FOMENTO

**MIEMBROS ASOCIADOS / ASSOCIATED MEMBERS**

CHEMPARC, H2 Chile, WATER 2.0

**TRANSPORTE / TRANSPORT**

CAF, CAIXAS, Lecitrailer, urbonos de zaragoza

**FINANZAS / INVESTMENTS**

Bantierra, CAJA RURAL DE TERUEL, Going

**PATRONO A TÍTULO NOMINATIVO / INDIVIDUAL MEMBER**

Carlos Javier Navarro Espada

**PATRONOS DE HONOR / HONORARY MEMBERS**

Emilio Domingo Arquillué, Jeremy Rifkin, Victor Manuel Orea Clemente

# FUNDING OPPORTUNITIES

## from the European Commission

# Supporting the clean energy transition of the business sector

- Proposals should address one of the two scopes:
  - Scope A: Foster a favourable **energy audits ecosystem** in order to support the implementation by companies of cost-effective measures
  - Scope B: Unlock the energy efficiency and renewable potential at value chain level. Proposals should **foster the market uptake of energy efficiency measures** including the use of renewables and the deployment of heat pumps at the value chain level.
- Deadline: 16 November 2022
- Programme for Environment and Climate Action (LIFE),  
TOPIC ID: LIFE-2022-CET-BUSINESS
- Published on [Funding & Tenders Portal](#)

# National Finance Roundtables for sustainable energy investments

- Proposals should **set-up national roundtables** focused on energy efficiency investments and small-scale integrated renewables, as permanent multilateral discussion forums
- Bring together relevant stakeholders, including government, local and regional authorities, financial sector, industry sector, construction sector and Small and medium-sized enterprise (SME) sector, consumers and citizens associations
- Deadline: 16 November 2022
- Programme for Environment and Climate Action (LIFE),  
TOPIC ID: LIFE-2022-CET-FINROUND
- Published on [Funding & Tenders Portal](#)

# Hydrogen Valleys (large-scale and small-scale)

- Call for the deployment of a flagship Hydrogen Valley with **interlinkages to other places of hydrogen production and/or consumptions** outside its boundaries (large-scale)
- Call for the deployment of a flagship Hydrogen Valley **in areas of Europe with no or limited presence of Hydrogen Valleys** such as, but not necessarily limited to, Central and Eastern European Countries (small-scale)
- Deadline: 20 September 2022
- Horizon Europe Framework Programme,  
TOPIC ID: HORIZON-JTI-CLEANH2-2022-06-01 (large-scale)  
TOPIC ID: HORIZON-JTI-CLEANH2-2022-06-02 (small-scale)
- Published on Funding & Tenders Portal [Hydrogen Valleys \(large-scale\)](#) and [Hydrogen Valleys \(small-scale\)](#)

# FUNDING OPPORTUNITIES

## from cluster partnerships

# GreenOffshoreTech: First call for proposals

- Objective: to boost cross-sectoral innovation among groups of SMEs using one or more of our key enabling technologies (Advanced materials; Advanced manufacturing; Industry 4.0; Environmental technologies) to develop sustainable products, processes, or services for our four offshore sectors:
  - Offshore wind
  - Offshore aquaculture
  - Offshore oil & gas
  - Waterborne transport
- Winning project ideas will be funded with up to 60,000 EUR
- Deadline: 6 July 2022
- Published on project website: <https://greenoffshoretech.com/call-for-proposals/>

# MIND4MACHINES - first open call

- The project will provide €1.65 million of direct financial support to manufacturing SMEs for a digital and green transformation
- The aim is to support the development, testing, validation and market uptake of INDUSTRY 4.0 solutions by increasing the Technology Readiness Level (TRL)/maturity of the proposed solutions in delivering innovative goods, services and processes.
- Deadline: 29 June 2022
- Published on project website: <https://mind4machines.eu/open-calls/>

# Register on the European Cluster Collaboration Platform!

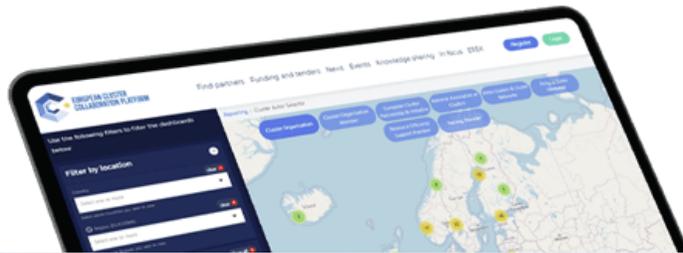
<https://clustercollaboration.eu/>

Strengthening the European economy through collaboration



The European online hub for industry clusters

Strengthening the European economy through collaboration



Find partners per country, region, sector or industrial ecosystem

EUCLUSTERS

THANK YOU

