

# **Internal Market, Industry, Entrepreneurship and SMEs**

# **Lombardy Energy Cleantech Cluster Day**

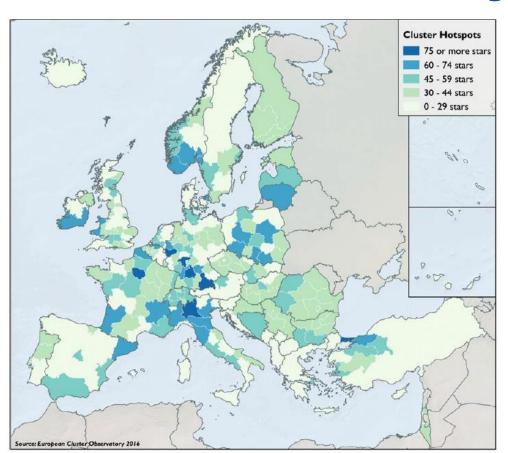
Milan, 17 April 2019

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### Clusters are accelerators of growth & industrial change



There are **3043 strong regional clusters** in related industries.

Clusters matter because they...

- account for 54 million jobs;
- are represented in all parts of Europe and have shown resilience during economic crises;
- **nurture growth and jobs** e.g. 3% higher wages and the 67 700 enterprises in clusters employ more staff (35 compared to 24 outside).

Source: European Commission, European Cluster Panorama 2016, star rating for size, specialisation, productivity and growth.



# Fostering strategic interregional collaboration





Clusters as accelerators for innovation & industrial change







Capacitybuilding Cluster Excellence Programme





## **Cluster facilitated projects** for new industrial value chains INNOSUP-1

Supporting cross-sectoral & cross-regional innovation in SMEs

- → 9 ongoing projects (2015-2017) reached out to > 3,000 SMEs & supporting 500 SMEs directly, through innovation vouchers (€60,000)
- → Max € 5 million per project with 75% of budget to support innovation in SMEs
- → during 2015-2020, INNOSUP-1 aims to support ACI live te 2,000 SMEs directly (€ 130 million)

Call published → closed 3 April 2019 (€22.85 million)





























### What do we want from Innosup projects?

 $http://ec.europa.eu/research/participants/data/ref/h2020/other/guides\_for\_applicants/h2020-guide-note-innosup-1-18-20\_en.pdf$ 

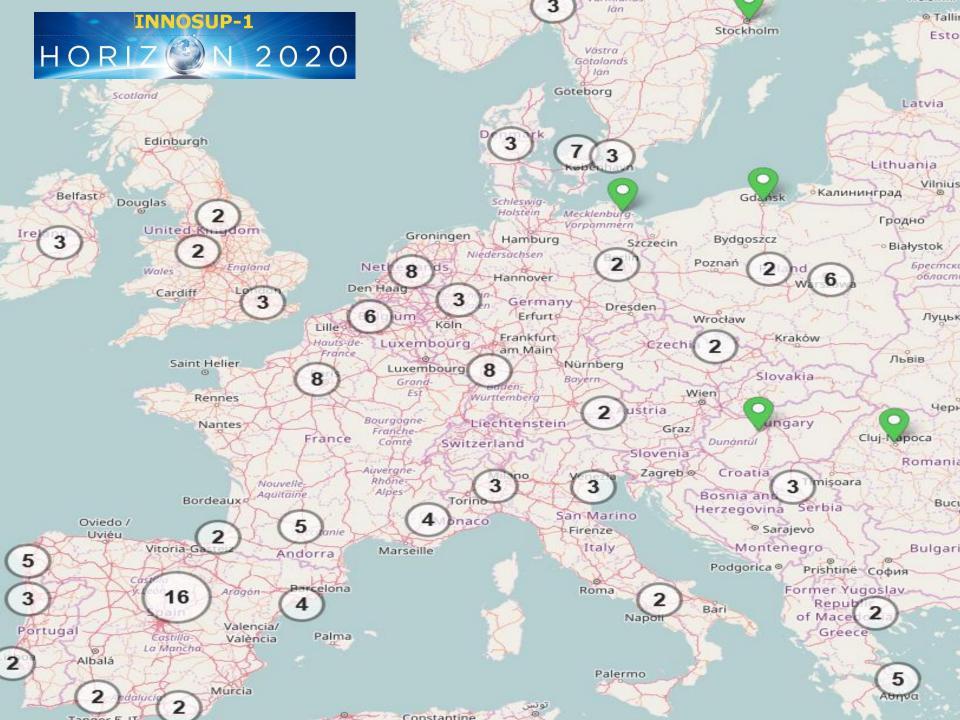
### **INPUT**

- cross-sectoral & cross-regional innovation
- Involvement of cluster organisations as facilitators
- Direct innovation support to SMEs (75 %)
- Complementarities with S3 strategies& other funding
- Variety of support innovation tools

### **OUTPUT**

new or significantly improved:

- products (goods &/or services)
- processes
- marketing methods
- organisational methods
- impact on resource efficiency (water, energy, material consumption)
- SMEs turnover & profit

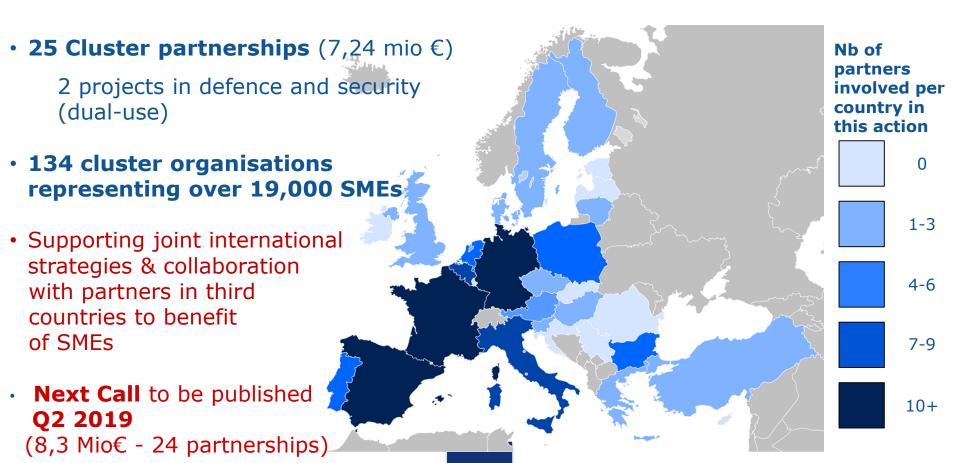




### **EU 'Clusters Go International' action**

European Strategic Cluster Partnerships for Going International (ESCP-4i)

Promoting cluster cooperation for industrial leadership in global markets





## **International Cluster Matchmaking events** 2019

- **EU-Taiwan: 6-8 March, Lyon** (France) Global industrie Fair - 24 EU and 12 TW clusters, 90 C2C and 134 C2B meetings
  - Focus areas: Manufacturing technologies; Mechanical engineering; Smart industry and connected factory: co-botics, augmented reality, digitisation of production
- **EU-South MED: 9-11 April, Casablanca** (Morocco) Logismed Fair

Focus areas: Transport and logistics; Agriculture and food industry; Energy and environment; ICT and Textile

- **Europe: 14 May, European Cluster Conference, Bucharest** (Romania) – open for 200 clusters
- **EU-Canada: 5-7 June, Toronto** (Canada) (tbc)

Advanced manufacturing Expo-in cooperation with Canada's Superclusters Focus areas: Advanced manufacturing; digital industries, AI, agro-food and Blue Growth

**EU-Korea: 4Q 2019** (tbc)































# **European Cluster Excellence Programme**

Strenghten cluster management excellence & strategic interregional partnering to foster cluster capacity building & SME competitiveness

- Budget: EUR 3,6 mln
- **10-12** partnerships (max EUR 360.000 per project)
- Deadline for applications was 04/04/2019

**Video recording** of information webinar of 12/02/2019:

https://webcast.ec.europa.eu/cluster-excellence-info-day-12-02-19

#### **Expected tasks:**

- 1. Enhance cluster managers' **skills**
- 2. Support **cluster strategy** development (at cluster & partnership levels)
- 3. Organise twinning, collaboration, networking/learning activities & cooperation projects for cluster organisations, technology centres & SMEs
- 4. Implement "ClusterXchange" pilot scheme (short-term visits with lump sum payments)



Programme for the Competitiveness of Enterprises and SMEs 2014-2020



# LOW CARBON AND CIRCULAR ECONOMY BUSINESS action

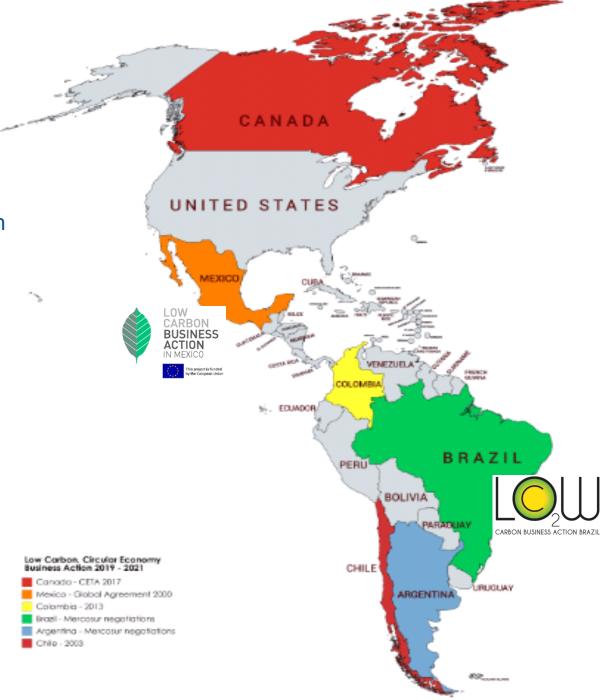
DG GROW, DG CLIMA, DG ENV, DG ENER, DG TRADE

- → Stimulate efforts from Partner Countries to tackle climate change
- → Adoption of technologies by partner countries
- → Internationalisation of EU companies, in particular SMEs:
  - access to new markets
  - strategic long-term cooperation between companies in greener value chains

4 concrete impacts: (1) Partner countries' transition to a low-carbon/circular economy; (2) Increase investments in the framework of Nationally Determined Contributions (NDCs) of target countries; (3) Increase international visibility of European technologies; (4) Increase in exports & revenue growth & international ventures for European businesses

# Context

- Paris Agreement (2015)
- Circular Economy Action Plan
- EU's Free Trade Agreements
- European clusters' interest
- Pilot Low Carbon Business
  Action
- Total EUR 12 Mio (Phase 1 and 2)
- Enlarged Low Carbon Business Action
- Total EUR 20 Mio





# **European Resource Efficiency Knowledge Centre**



# The EREK integrated services: front running in resource-efficiency business-support organisations

SELF ASSESSMENT TOOLs for 11 sectors/industries EXPANDING DATABASE OF MEASURES, GOOD PRACTICES, and TECHNOLOGIES

109 measures, 287 good practices and 69 technologies

SUPPORT PROGRAMMES

- 260 support programs in 35 countries SUPPORT ORGANISATIONS
  - 60 Network Members, 23 countries and growing
  - 10 Key Partners



### The EREK Network

60 members in 23 countries and growing!





























**EMPRESS** 











**Production Centre** 









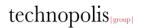














# **The future of EU Cluster Policy**









- Listen to feedback from **EU Cluster Weeks** events & comment on current/upcoming challenges & opportunities
- **Team up** with others by networking during the conference & engaging in the pre-conference EU matchmaking event.
- Cluster Award ceremony for:
  - EU Cluster Manager 2019
  - European Strategic Cluster Partnership for Smart Specialisation Investments (ESCP-S3)
  - European Strategic Cluster Partnerships Going International (ESCPs-4i)
  - Innosup-1 partnerships





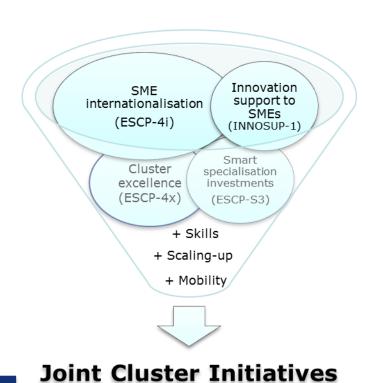
### **Towards Joint Cluster Initiatives**

- Industry-focused actions guided by joint strategies of **specialised SME intermediaries**
- Thematically targeted, with cross-regional and cross-sectoral outreach to SMEs
- Channelling scale-up support to groups of SMEs to boost industrial transformation

Building EU value chains, industrial modernisation & capacity building

Skills upgrading, talent attraction & entrepreneurship acceleration

Boosting internationalisation & access to global value chains





# Joint Cluster Initiatives creating linkages with other policies

- Sustainable partnering: continuation funding allowing long-term planning and engagement of industry and public authorities
- Strategic tool for the acceleration and implementation of other policies, notably for
  - smart specialisation strategies and Cohesion Policy investments,
  - (digital) innovation hubs,
  - Horizon Europe with the European Innovation Council etc.,
  - Erasmus,
  - and others...
- **Scalable potential:** use SME intermediaries of Joint Cluster Initiatives and Enterprise Europe Network to implement further scaling-up support to SMEs



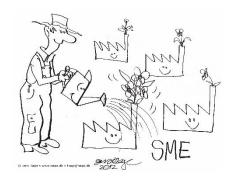


### Thank you

https://ec.europa.eu/growth/industry/policy/cluster http://www.clustercollaboration.eu/

### @Clusters EU







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