



# Enterprise and Industry

## Cluster policies and tools in COSME and Horizon2020

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Workshop on "Strengthening Europe's Defence  
Industry: Dual use and Smart clustering"  
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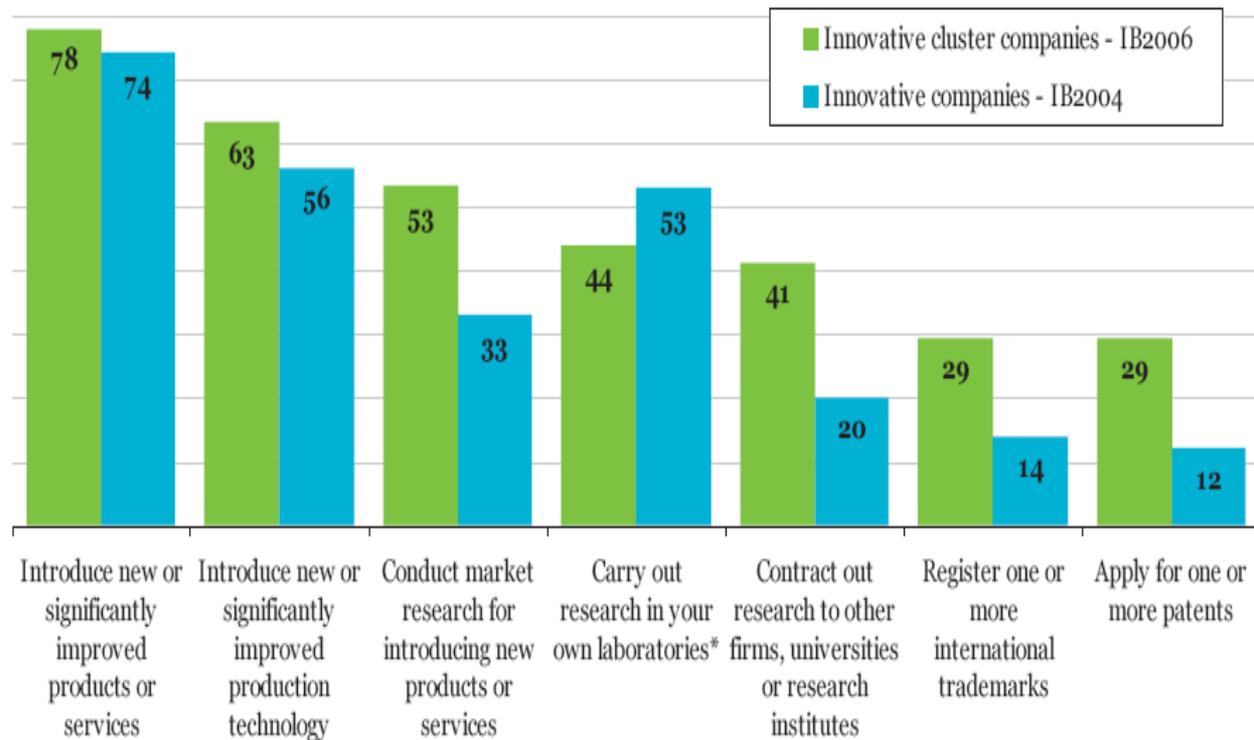
# Why clusters? SMEs are more innovative!

## Cluster firms ...

- are more innovative than non-cluster firms
- register more trademarks and apply for more patents
- cooperate more

**38% of European jobs are based in 2000 clusters.**

Innovation is higher in clusters than elsewhere (a comparison with IB 2004)



# Key objectives of the EU strategy on clusters

Assisting regions and Member States in developing more **world-class clusters** in the EU for the benefit of SMEs;

Promoting **cluster cooperation at EU level** to facilitate SME internationalisation and growth and support the development of new competences and emerging industries

## Achievements so far:

### On Cluster Excellence:

#### **European Cluster Excellence Initiative**

Benchmarking and trainings;  
600 cluster organisations (bronze), 42 (gold);  
50 instructors and 80 cluster managers trained  
(through 4 projects under CIP)

### On Cluster Analysis:

#### **European Cluster Observatory**

EU cluster mapping;  
Framework conditions for emerging industries

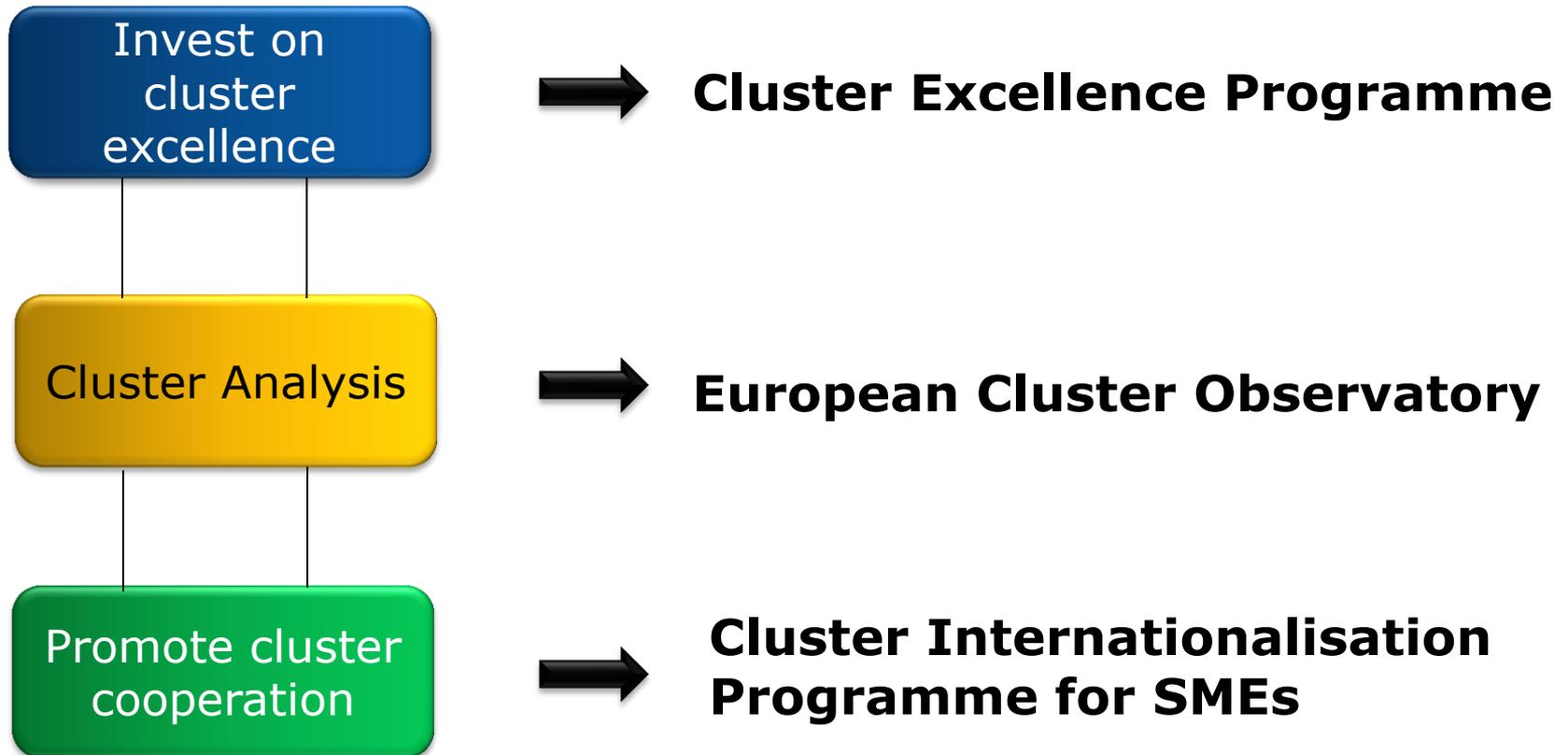
### On Cluster Cooperation:

#### **European Cluster Collaboration Platform**

8 international MoUs signed;  
6 CIP cluster international projects supported;  
4 international cluster matchmaking events.



# Clusters in COSME



# Clusters in COSME

## Cluster Excellence Programme

Invest on  
cluster  
excellence

- Support benchmarking activities to further increase the number of bronze and gold labels in EU countries;
  - Support training activities at large scale to train more cluster instructors and cluster managers;
- ✓ Calls for proposals addressed to cluster organisations engaged on a joint industrial project and willing to improve their cluster management practices and skills.

# Clusters in COSME

## European Cluster Observatory

Cluster  
Analysis

- European Cluster Panorama  
(analyse cluster strengths)
- European Cluster Trends reports  
(analyse cross-sectoral linkages)
- Regional eco-system scoreboard  
(analyse framework conditions for clusters)
- European stress test for cluster policies  
(analyse cluster policies)
- Model regions for new cluster strategies  
(provide advisory services to model regions)

# Clusters in COSME

## Cluster Internationalisation Programme for SMEs

Promote  
cluster  
cooperation

- Further develop the **European Cluster Collaboration Platform**;
- Organise **international cluster matchmaking events** in third countries and in Europe;
- Implement the new concept of **European Strategic Cluster Partnerships** to go international jointly - "Cluster Go International" action.



# International Cluster Match-making Events

## 2012

- **JAPAN**, Tokyo - Green Materials and Clean Technologies, November 2012

## 2013

- **BRAZIL**, Rio de Janeiro – Biotech and Life sciences – September 2013
- **INDIA**, Mumbai - Resource efficiency & clean tech (waste management and water efficiency) – October 2013

## 2014

- **CHINA**, Chengdu - 21-24 October 2014 – Multi sectors;
- **European Cluster matchmaking events**
  - **La Louvière**, Belgium – February 2014
  - **Naples**, Italy – March 2014
  - **Sevilla/Merida**, Spain – April 2014
  - **Brussels**, Belgium – October 2014



# International Cluster Cooperation at EU level

## The Way Forward

### **Not about**

- Trade promotion only
- Sector specific
- Individual cluster support on international markets

### **More about**

- Developing LT strategic cooperation in mutual interest
- Across sectoral boundaries
- Pan-European cluster consortia through a joint strategic vision and common goals



# 6 Pilot European Cluster Consortia developing joint internationalisation strategies

## Reinforcing European Cluster Cooperation to help SMEs be more competitive in global markets (2012-2014)

- **WIINTECH** - New Material and Processes on Clean Tech - FR, IT, DE, UK, AT, ES, PT
- **REINA** - Renewable and Sustainable Energy International - ES, AT, FI
- **BioXClusters** - Biotech and Life-sciences - FR, DE, ES, IT
- **EU4SportsClusters** - Sports industry - ES, NL, FR
- **Textile2020** - Advanced Textile Materials - FR, DE, CZ, IT, ES, UK
- **Feeding the planet** - Agro Food - IT, NL, FR, ES

## 13 European Strategic Cluster Partnerships established

Name	Sector	EU Partners	Target Countries
European Lighting Cluster Alliance - ELCA	Lighting Technology	11 from 10 countries (DK, IT, ES, FR, BE, SE, DE, UK, FI, NL)	China
European Aerospace Cluster Partnership - EACP	Aerospace	9 from 5 countries (FR, DE, ES, PT, IT)	USA, Canada, Japan
ICT4Future	ICT	5 from 5 countries (PT, SE-DK, PL, FR, ES)	USA, Brazil, Russia
European Sports Cluster Partnership	Sport	5 from 4 countries (ES, FR, NL, IT)	USA, Taiwa, Korea, Japan, Brazil, Argentina, Chile
European Semiconductor Cluster Consortium - ESCC	Micro & Nanoelectronics	6 from 6 countries (DE, NL, BE, IT, FR, GR)	USA, Taiwa, Korea, Israel, China
Food, Health & Wellbeing Partnership	Food	12 from 9 countries (IT, FR, NL, AT, HU, PL, ES, DE, IL)	Israel, Chile, USA, Brazil, India, China
Textile2020	Advanced Textile Material	8 from 6 countries (FR, ES, CZ, DE, UK, IT)	Brazil, Japan, South Korea, Tunisia, Morocco, Canada, USA, India
ESCP Energy in Water	Environmental Technology	9 from 8 countries (ES, FR, FI, DK, PL, DE, UK, SE)	USA, Canada, Brazil, China, Mediterranean Region, possibly India
Mind the Gap – Health and Wellbeing for elderly	New Materials	7 from 5 countries (DK, DE, ES, FI, SE)	Brazil, Russia, India, China
International Clean Tech Network -ICN	Cleantech	13 from 12 countries (DK, AT, IT, DE, NO, ES, FR, US, SG, ROK, CN, CA)	USA, Singapore, South Korea, China, Canada
Photonics & Packaging for Innovation - 3P4I	Packaging and food value chain	5 from 3 countries (ES, FR, DE)	-
ESCP for Personalized Healthcare	Healthcare	5 from 5 countries (ES, DE, IT, FR, UK)	USA, China, Brazil, Japan, Korea, North Africa
Natural Resource Efficient Europe - Natureef	Resource Efficiency	10 from 10 countries (PT, DE, FR, BG, AT, PL, HU, CZ, DK, ES)	China, India, South America, Australia, New Zealand



# COSME

## Cluster Internationalisation Programme for SMEs (WP 2014-2015)

### Action 1: "Cluster Go International" (CfP - 3,75M€) - 2 phases

- o **Phase 1**: tailored to support the establishment of European Strategic Cluster Partnerships => **Joint strategy and roadmap for implementation**
- o **Phase 2**: aimed at supporting the further development of the European Strategic Cluster Partnerships => **Cooperation building with international partners**



***Work Programme 2014-2015  
Enhancing Innovation Capacity of SME***

***Cluster facilitated projects for  
new industrial value chains***

HORIZON 2020

The Horizon 2020 logo, featuring a globe of the Earth in the center of the word "HORIZON", with "2020" to the right. The globe is set against a background of a blue sky with a bright sunburst effect and a blue horizon line.

# Horizon2020: Cluster facilitated projects for new industrial value chains

## Challenges

**Reindustrialise EU's industrial base**

**Develop long-term internationally competitive goods and services**

## Objectives

**Create new industrial value chains**

**Support development of emerging industries in Europe**

**Contribute to regional smart specialisation strategies**

## Measures

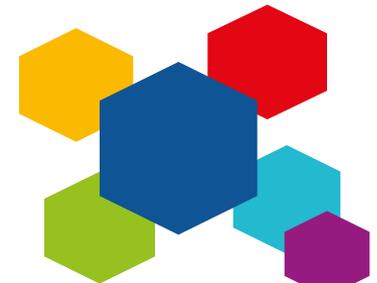
**Support cross-sectoral and cross-regional cooperation**

**Support innovation activities**

**Improve business environment through open collaboration spaces**

# Large-Scale Demonstrator

**#large-scale  
demonstrator: real life  
test of novel solutions to  
actual 'problem' driven  
by strong partnership  
and strategic use of  
resources**



# Cluster facilitated projects for new industrial value chains: INNOSUP-1-2015

**Overall Budget  
2015-2020: EUR  
140 Million**

**Budget 2015: EUR  
24.9 Million**

**Support for 5-10  
projects per year**

**Two-stage  
submission  
procedure**

**First stage  
concept note of  
10 pages**

**Deadline 1:  
30/04/2015  
Deadline 2:  
09/09/2015**

**Standard  
eligibility  
criteria**

**Funding rate  
70% except for  
non-profit  
entities 100%**

**At least 75% to  
support  
innovation in  
SMEs**

# More information

## EU Cluster Portal:

[http://ec.europa.eu/enterprise/initiatives/cluster/index\\_en.htm](http://ec.europa.eu/enterprise/initiatives/cluster/index_en.htm)

- [The European Cluster Observatory](#)
- [Cluster Excellence](#)
- [Cluster Internationalisation](#)
- [Clusters and Emerging Industries](#)

## COSME calls

[http://ec.europa.eu/enterprise/contracts-grants/index\\_en.htm](http://ec.europa.eu/enterprise/contracts-grants/index_en.htm)

## Horizon 2020 Work Programme:

[http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014\\_2015/main/h2020-wp1415-sme\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-sme_en.pdf)