

Enterprise and Industry

Cluster policies and tools in COSME and Horizon2020

Christophe Guichard
Policy officer

**SMEs: Clusters and Emerging
Industries Unit**

Workshop on "Strengthening Europe's Defence
Industry: Dual use and Smart clustering"
Brussels, 25 November 2014

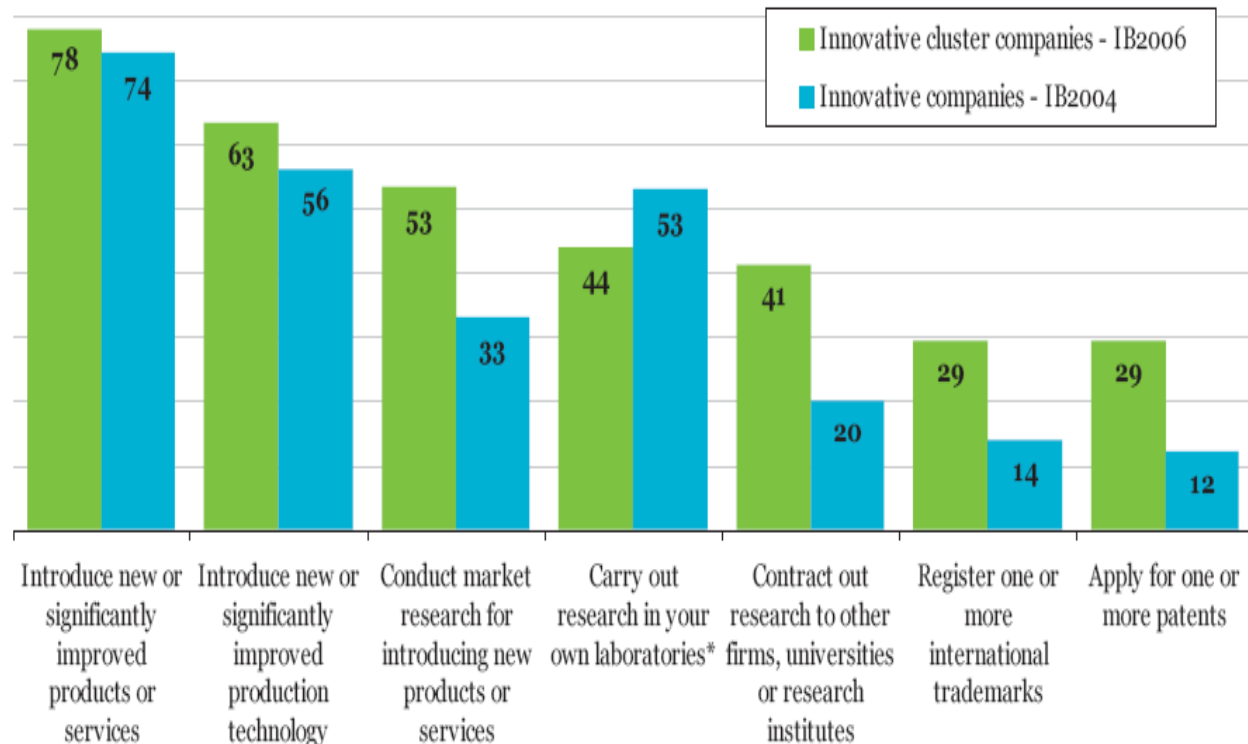
Why clusters? SMEs are more innovative!

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

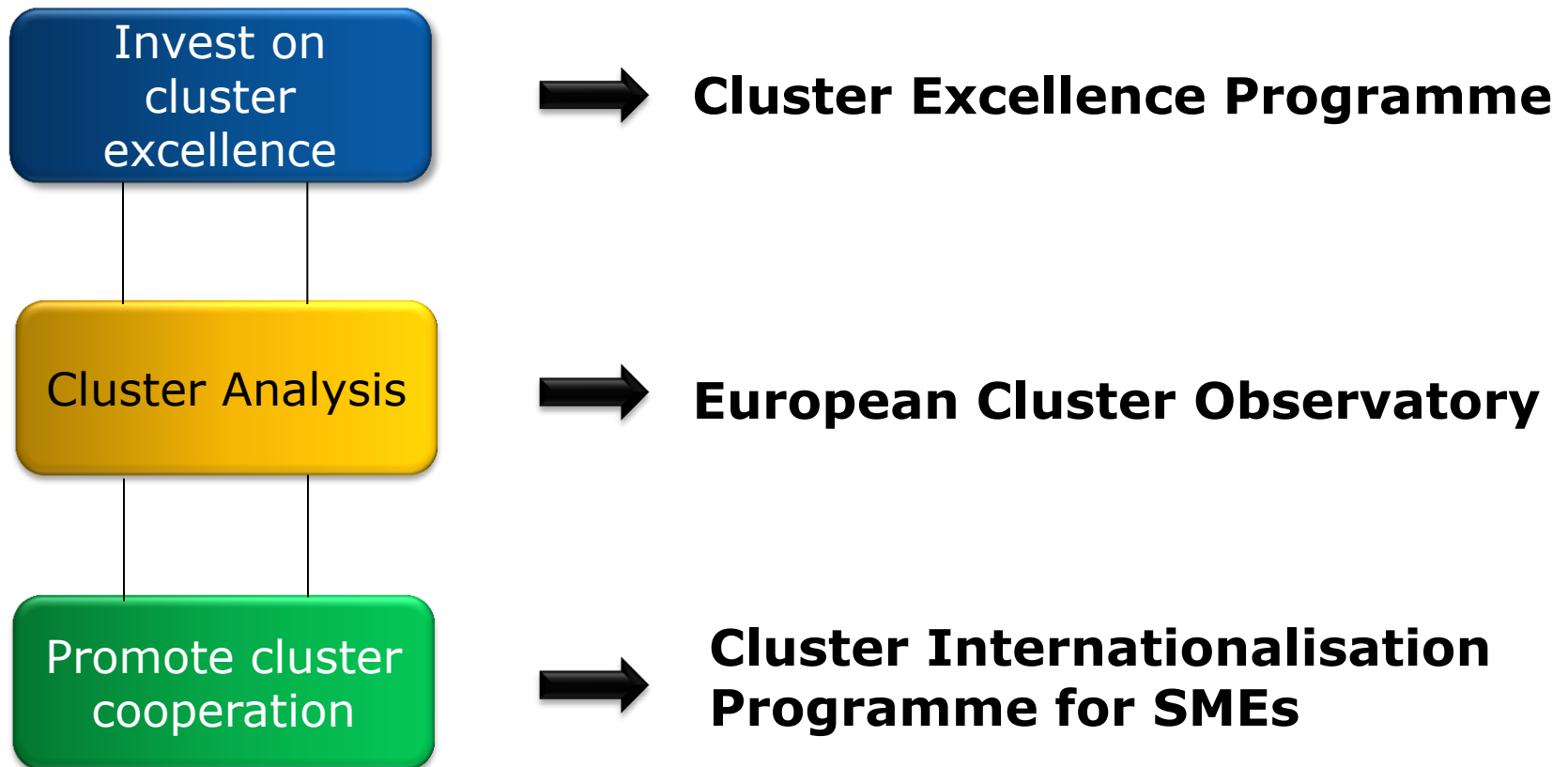
On Cluster Cooperation:

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

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

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

COSME calls

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