



Internal Market, Industry, Entrepreneurship and SMEs

Overview and prospects for 'European Strategic Cluster Partnerships – Going International' (ESCP-4i)

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Cluster internationalisation

**SMEs: Clusters, Social Economy
and Entrepreneurship Unit**

"Clusters Go International" Launch Event
Brussels, 8 Mars 2016

ESCP-4i Overview

There are 24 ESCP-4i including

15 co-funded projects:

- 9 in the Internationalisation Strategy *Preparation Phase* (strand 1)
- 6 in the Internationalisation Strategy *Implementation Phase* (strand 2)

9 voluntary partnerships, with no direct EC funding

(+ 2 pending cases)



Key figures on ESCP-4i

Overall, the 24 ESCP-4i Partnerships involve

138 European cluster organisations

23 European countries, incl. 19 EU countries

17,000 SMEs

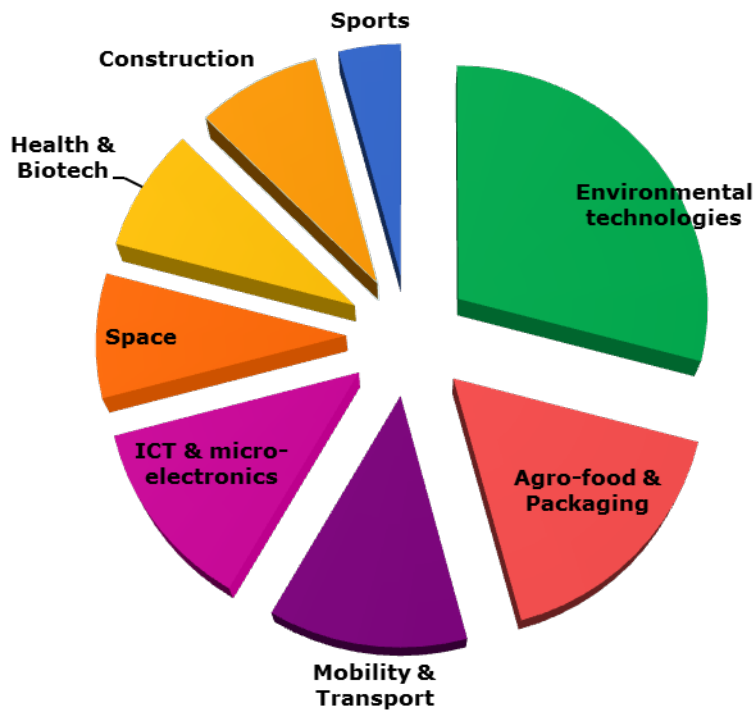
Each Partnership include on average

6 partners

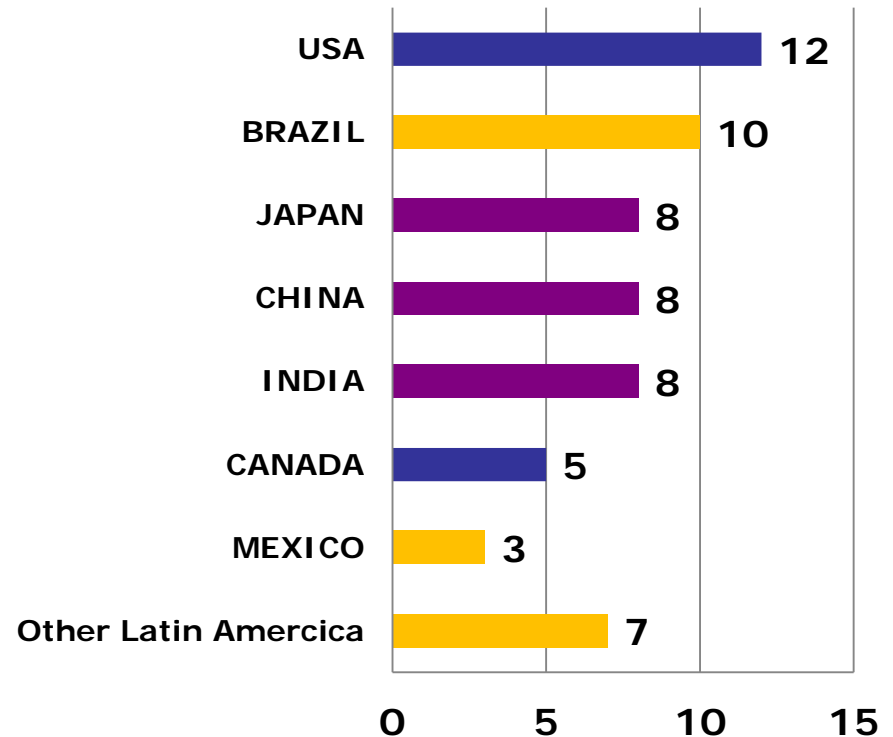
700 SMEs

ESCP-4i Overview

Sectoral & Industrial Focus



Main target countries



Others: Korea, Taiwan, North & West Africa, ASEAN, Gulf/Middle East



Prospects for ESCP-4i (1)

ESCP-4i Label

Awarded following signature of 'ESCP-4i' Charter for a duration of the project/proposal

Renewal on the basis of the next COSME call 'Clusters Go International' (strand 1 & Voluntary) and on a basis of a sustainable strategy (strand2)

EU Support Services

EU Business Centres in Third countries, SME IPR Helpdesk, EEN, ELAN Network, etc.

The European Cluster Collaboration Platform – a 'ESCP-4i' Forum to foster synergies

International Cluster Matchmaking Events

- **EU-USA Event**, Hannover Messe, 25-26 April 2016 – Industrial automation, environmental technology, etc.
- **TAIWAN-EU Event**, European Innovation Week, ICT Fair Computex, 30 May-3 June 2016, Taipei
- Other missions in 2016 possibly to Mexico, Iran or China



Prospects for ESCP-4i (2)

Policy dialogues with third countries

USA EU-US Cooperation Arrangement on Clusters, signed with US Dept. Of Commerce, April 2015

US–EU Workshop on Cluster Mapping and Cluster-Based Economic Development Policies, Boston & Washington, Nov. 2015

EU-USA Cluster matchmaking Event, Hannover Messe, 25-26 April 2016

Other strategic countries to be explored eg. Japan, Korea, China, Latin America, etc.

Cluster Internationalisation Programme for SMEs (COSME, €19 m)

"Clusters Go International" Action

- 1st call 2014 (3,75M€): 15 projects co-funded – 80 clusters
- **2nd call end 2016 (4,425 M€)** with 2 partnerships to be reserved on dual use technologies for defence and security sector - Strand 1)

ESCP-4i Partnerships – Internationalisation Strategy **Preparation Phase** (strand 1)

ESCP-4i acronym	ESCP-4i name	Industry	Related Industries	Targeted Markets	Countries	Partners	Number of SMEs involved
AdPack	Future Materials and products for advanced smart packaging	Advanced packaging	Food, Nanotechnology, Plasmatechnology, New Materials, Plastic	South Korea, Japan, China tbc (Brazil, Russia, India)	Germany, Sweden, Czech Republic, Portugal, Belgium	BalticNet-PlasmaTec , PackBridge, Nanoprogres, Inovcluster, Plastiwin	373
ECCA	European Circular Construction Alliance	building & construction, sustainable building	environmental tech; energy, renewable resources, ICT, tourism, wood	not yet defined	Slovenia, Poland, Spain (Canary Islands)	Slovenski Gradbeni Grozd-Giz (construction cluster) , Baltic Cluster sEaNERGIA, Cluster Construcccion Sostenible	400
EnW	Energy in Water	Water Energy Nexus	agrifood, mining & raw materials, oil & gas, smart cities, water & waste water	not yet defined	UK, Spain (2), France (2), Denmark, Netherlands	The Water Cluster (Anglia Ruskin University and Opportunity Peterborough) , Avaesen, CD2E, CLEAN, Water Alliance, ZINNAE, EA	650
LASER-GO	Photonics in Health	photonics, laser technologies, optoelectronics	health sector (non-invasive diagnostics, personalized medicine, healthy aging, active and assistive living, cosmetics)	North America, South Africa, the Far East	Lithuania, France, Austria	Viesoji Istaiga Fizikos Instituto Mokslo Ir Technologiju Parkas , Opticsvalley-au service de l'Optique de l'Electronique et de l'Ingenierie Logicielle en Ile-de-France, Human.technology Styria GmbH	325
MobiGoIn	Mobility Goes International	Mobility, ICT	transport, geolocation techs, green vehicles	not yet defined	Italy, Germany, France, Sweden	Fondazione Torino Wireless , Baden-Wurttemberg: Connected (bwcon), Mov'eo, Media Evolutiona Southern Sweden AB	1100

ESCP-4i Partnerships – Internationalisation Strategy **Preparation Phase** (strand 1)

ESCP-4i acronym	ESCP-4i name	Industry	Related Industries	Targeted Markets	Countries	Partners	Number of SMEs involved
MOVE	Moving the Future	Transport, Logistics	mobile navigation services, ICT, green tech	North Africa, Latin America	Spain (Canary Island), Bulgaria, France, Italy	Canary Cluster for Transports & Logistics , Bulgarian Cluster for Telecommunications, Numelink, Polight (Envipark)	300
New Frontier in Food	New Frontiers for Emerging Industries in Food	Agrifood	Connected food, functional food, healthy ingredients, processed food product	South korea, Thailand, Taiwan, USA, Canada, Brazil	Belgium, The Netherlands, France (2)	Wagralim , Food Valley NL, Vitagora, Valorial	650
SmartCityTech	Internationalisation of cross-domain Smart City Solutions powered by ICT (sensor systems, data processing platforms)	smart cities, ICT	embedded systems, cyber-physical systems, IoT, Big Data	Asia, US, Latin America	Belgium, Spain, Germany, Denmark	DSP Valley , GAIA, BICCnet, BrainsBusiness	800
SPACE2ID	Space Clusters International Industrial Diversification	space	mobility, energy, logistics, creative, agriculture	not yet defined	France, Belgium (2), Spain (2), Italy (2), Greece, Poland	Aerospace Valley , Skywin Wallonia, Asociacion Madrid Plataforma Aeronautica y del espacio, TeRN (Basilicata Space Cluster), Corallia Clusters Initiative, Klaster Interligentnych Systemow Transportowych, Asociacion Sostenibilidad y Energias Renovables, Logistics in Wallonia, Fondazione Parco Tecnologico Padano	500

ESCP-4i Partnerships – Internationalisation Strategy **Implementation Phase** (strand 2)

ESCP-4i acronym	ESCP-4i name	Industry	Related Industries	Targeted Markets	Countries	Partners	Number of SMEs involved
EACP ABROAD	Activities and Businesses from Real Opportunities for Aerospace Developments (EACP)	Aerospace	Green aviation	6 targeted countries - amongst Canada, Mexico, USA, Japan, UAE, Brazil, Russia, India, China	France, Germany (2), Belgium, Turkey, Spain	Aerospace Valley , Hamburg Aviation, Skywin Wallonia, Eskisehir Sanayi Odasi, Asociacion Aeronautica Aragonesa, Wachstums Initiative Suederelbe AG	3000
bioXclusters plus	ESCP on Personalised Healthcare	healthcare, life sciences	Biotech, medical technologies, in-vitro Diag, ICT, nanotech, micro-technologies, advanced materials	US, China, Brazil, Japan	France, Spain, Germany, Italy	Lyonbiopole healthcare cluster , Biocat lifescience cluster, BioM biotech cluster, bioPmed healthcare cluster	1000
EU4SPORTS CLUSTERSALL	EU4SPORTS Clusters Alliance	sports	tourism, health, food&nutrition, IT, construction, textile	USA, China, Japan	Spain, Netherlands, Belgium (2), France	INDESCAT (Catalan Sports Clusters) , Sports & Technology, EPSI (European Platform for Sport Innovation), Flanders' Bike valley, Cluster Montagne	494

ESCP-4i Partnerships – Internationalisation Strategy **Implementation Phase** (strand 2)

ESCP-4i acronym	ESCP-4i name	Industry	Related Industries	Targeted Markets	Countries	Partners	Number of SMEs involved
NATUREEF	Natureef ESCP	natural resources efficiency	chemicals, plants, biomass, agrotech, energy, water, ICT	South America, Asia, ASEAN	Spain, Czech Republic, Bulgaria, Poland, Hungary, Denmark, Germany, France, Portugal	FEMAC - The Future Emerging & Modern Agriculture in Catalonia , CREA Hydro&Energy, Green Synergy Cluster, Green Chemistry - The West Pomeranian Cluster Association, Innoskart ICT cluster, Inbiom - The Innovation Network for Biomass, Agrocluster Ribatejo, biomastec, Vegepolys	150
REINA PLUS	Renewable Energy Internationalisation ESCP project for European SMEs	renewable energy	T&D of electricity, smart grids	Mexico, Brazil, Chile, + third (North-Africa, USA)	Spain, Finland, Austria, Portugal	Basque Energy Cluster , Oy Merinoca Eb, ESV-OO Energiesparverband - Oekoenergie Cluster, Energyln	704
Silicon Europe Worldwide	European Semiconductor Cluster Internationalisation Project	micro/nano-electronics, semiconductors	automotive, energy, aerospace, medical, Smart Industry, communication, Smart Cities	Taiwan, USA (East Coast) + third (Brazil, Russia, Japan, China, India)	Belgium, Germany, France, The Netherlands, Greece, Italy	DSP Valley , Silicon Saxony, Minalogic, HighTech NL, Mi-cluster (CORALLIA), FDG&HT Monza-Brianza	800

ESCP-4i Voluntary Partnerships (1)

ESCP-4i acronym	ESCP-4i name	Industry	Related Industries	Targeted Markets	Countries	Partners	Number of SMEs involved
3BI	European Intercluster for Bioeconomy and Bio-based Innovation	bioeconomy	agro, chemistry, forestry, waste	BRIC, USA, Canada, Japan	France, UK, Netherlands, Germany	Industries & Agro-resources , BioVale Ltd, Biobased Delta, BCM BioEconomy Cluster Management GmbH	n/a
CROSSCUT	ESCP on sustainable construction	sustainable construction	ICT, cleantech	unspecified	Portugal, Sweden (2), Germany (2), Denmark, Spain (2)	centroHabitat , Bygghuset Dalarna, Dataforeningen iNorr, Cyberforum, InnoBYG, Cool Silicon, Wood Cluster of Galicia, Amuebla	400
DECISION	Delivering Cluster International Strategies into Overseas Networks	waste plastics, energy, materials	chemistry, products from carbon dioxide	USA, Canada, China, India	UK, Germany, Belgium, France	North East of England Process Industry Cluster , Chemi-Cluster Bayern GmbH, Pole Greenwin, Materialia	n/a
EU4FOOD	Global Alliance for the development of international food bio-based clusters/ European Strategic Cluster Partnership for Food Health & Wellbeing	agrifood, bioeconomy	food, health& wellbeing	USA, Brazil, Chile	Italy (2), France (2), Netherlands, Spain (3), Germany, Hungary, Austria	Fondazione Parco Tecnologico Padano , Agropolis International, Ontwikkelingsmaatschappij oost Nederland NV, Cluster Alimentario de Galicia, Cluster Biotecnologic Biomedica De Les Illes Balears, Asociacion de Investigacion de Industrias Carnicas del Principado de Asturias, Eurobiomed, Food Processing Initiative E.V, AdWare Research Ltd - Pharmagora Quality of Life Cluster, Consorzio technapoli - parco scientifico e tecnologico dell'area metropolitana di Napoli Caserta, Lebensmittel - Cluster Oberosterreich Upper Austrian Food Cluster	1000
FoodPackLab	Photonics-Packaging Partnership for Food Innovation	Food, packaging, photonics	food production, environment	Japan, India	Spain (2), France, Germany (2)	SECPHO , Packaging cluster, OPTITEC, foodRegio, Food Processing Initiative	250

ESCP-4i Voluntary Partnerships (2)

ESCP-4i acronym	ESCP-4i name	Industry	Related Industries	Targeted Markets	Countries	Partners	Number of SMEs involved
GIVE	Green ICT development	ICT	automotive, renewable energy	unspecified	Bulgaria (2), Albania, Romania, Greece, Macedonia, Hungary, Slovenia	Foundation "Cluster Information and Communication Technologies" (ICT cluster) , Albanian ICT Association, Asociatia Cluster IT, Cluster ICT Plovdiv, Hellenic Association of Mobile Apps Companies, ICT chamber of commerce, Hungarian Cluster Management, ICT Automotive Cluster	320
PERES	Promoting European Railway Excellence Outside EU	Rail, Mobility, sustainability	eco-friendly transport	Gulf, China, India, Brazil, Columbia, NAFTA	Italy, France, UK, Germany (3), Poland, Spain	DITECFER Distretto per le Tecnologie Ferroviarie l'Alta Velocita e la Sicurezza delle Reti S.c.a.r.l. , i-Trans Transports Terrestres Promotion, Rail Alliance Ltd, BTS Bahntechnik Sachsen, Stowarzyszenie Poludniowy Klaster Kolejowy, Berlin Partner fur Wirtschaft und Technologie GmbH, Associacio Rail Grup, CNA Cluster Bahntechnik Bavaria	1000
SeaMICI	Seabed Mining clusters for SMEs Internationalisation	seabed mining	marine mineral mining, engineering	unspecified	France (2), UK, Poland	Pôle Mer Méditerranée - Toulon Var Technologies , Marine South East, Pole Mer Bretagne Atlantique, West Pomeranian Maritime Cluster	790
WIINTECH 2020	Worldwide Intercluster Initiative for New Materials and Processes focused on Clean Technologies	green materials, clean tech	advanced packaging, environment, energy, mobility	USA, Japan, India, Brazil	France, UK, Portugal, Italy, Germany, Spain, Austria	Plastipolis plastics engineering cluster , Proplast R&D training centre, Veneto Nanotech, Plastival plastic convertors cluster, Poolnet engineering and tooling cluster, Business Upper Austria (Clusterland), Chemie Cluster Bayern, Nepic	2000

ESCP-4i Voluntary Partnerships – Pending cases

ESCP-4i acronym	ESCP-4i name	Industry	Related Industries	Targeted Markets	Countries	Partners	Number of SMEs involved
CreaMun	Creative Mundus	creative industries	design, cinema, ICT	unspecified	Belgium, Italy, Poland, Germany, UK	Creative Wallonia, Comune di Bologna - Incredibol, Fabryka Sztuki (art incubator), Hamburg Kreativ Gesellschaft, Birmingham Creative City Partnership	150
ELCA	European Lighting Cluster Alliance	lighting & applied photonics	ICT, urban planning & development, health	Asia, the Americas	Denmark, Sweden, Finland, Belgium, England, Spain, Italy, France, Germany	Danish Lighting Innovation Network, GATE21, Green Light Flanders, Cluster Lumiere, Luce En Veneto, CICAT, Intelligent Lighting Center, Inside Lighting Lund, Lighting Tech Center	2500

Thank you !