



DISCOVER / INNOVATE / BE GLOBAL
OPPORTUNITIES UNDER THE
NEW EU FINANCIAL FRAMEWORK

Organizers
UC3M, UAM, A-4U

Madrid
5th-6th Nov-2013



Knowledge Innovation Communities

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THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

EXCELLENT SCIENCE

COMPETITIVE INDUSTRIES

BETTER SOCIETY



Horizon 2020

EXCELLENT SCIENCE	EUROPEAN RESEARCH COUNCIL (INVESTIGACIÓN EN LA FRONTERA DEL CONOCIMIENTO PARA GRUPOS INDIVIDUALES)	13268
	FUTURE AND EMERGING TECHNOLOGIES	3100
	MARIE SKŁODOWSKA-CURIE ACTIONS	5752
	RESEARCH INFRASTRUCTURES	2478
INDUSTRIAL LEADERSHIP	LEADERSHIP IN ENABLING AND INDUSTRIAL TECHNOLOGIES (ICT, NANOTECHNOLOGIES, MATERIALS, BIOTECHNOLOGY, MANUFACTURING, SPACE)	13781
	ACCESS TO RISK FINANCE	3538
	INNOVATION IN SMES	619
SOCIAL CHALLENGES	HEALTH, DEMOGRAPHIC CHANGE AND WELLBEING	8033
	FOOD SECURITY, SUSTAINABLE AGRICULTURE, MARINE AND MARITIME RESEARCH&BIOECONOMY	4152
	SECURE, CLEAN AND EFFICIENT ENERGY (+ 1050M€ NUCLEAR SAFETY)	5782
	SMART, GREEN AND INTEGRATED TRANSPORT	6802
	CLIMATE ACTION, RESOURCE EFFICIENCY AND RAW MATERIALS	3160
	INCLUSIVE, INNOVATIVE AND SECURE SOCIETIES	3819

Europe 2020

smart

inclusive

sustainable

**Innovation
Union**

Agenda for new
skills

Youth on the
Move

Digital Agenda

Modernisation of HE

Innovation:
making changes with
societal impact
based on discoveries
and/or invention

Excellent science and research are necessary yet not sufficient
ingredients for innovation

THE CORE OF INNOVATION IS THE KNOWLEDGE TRIANGLE



Actors within the knowledge triangle are at the core of the **innovation web** beyond the traditional collaborative R&D consortia

Examples of partnerships:

- Knowledge Alliances
- Industrial doctorates
- **Knowledge and Innovation Communities (KICs)**

THE EUROPEAN INSTITUTE OF INNOVATION & TECHNOLOGY (EIT)



*Knowledge and Innovation
Communities (KICs)*

EUROPEAN INSTITUTE OF INNOVATION & TECHNOLOGY (EIT)

- EIT was set up in 2008 to unlock the European innovation landscape through a **new agenda at EU level**.
- The objective of EIT is to bring together the **three sides** of the knowledge triangle.
- With the **entrepreneur** in the driver's seat to form the necessary links between higher education, business and research.



Knowledge and Innovation Communities (KICs)

- highly integrated, creative and excellence-driven autonomous long-term partnerships
- internationally distributed but thematically convergent partners
- driven by societal challenges and fostering the emergence of entrepreneurs



EDUCATION

Promoting excellent education for creativity, innovation and entrepreneurship by high quality EIT labelled degree programmes.

ENTREPRENEURSHIP

Promoting a mindset and culture by creating more favourable environments for entrepreneurial talent and entrepreneurship driven innovation to flourish.



INNOVATION

Networked ecosystems across European borders, exploiting synergies and complementarities to accelerate growth of globally successful leading innovators.

THE FIRST 3 KICs

Designated in December 2009 by the EIT Governing Board with their governance and management set up in 2010

eit Knowledge & Innovation Community
Climate-KIC



eit Knowledge & Innovation Community
EIT ICT Labs

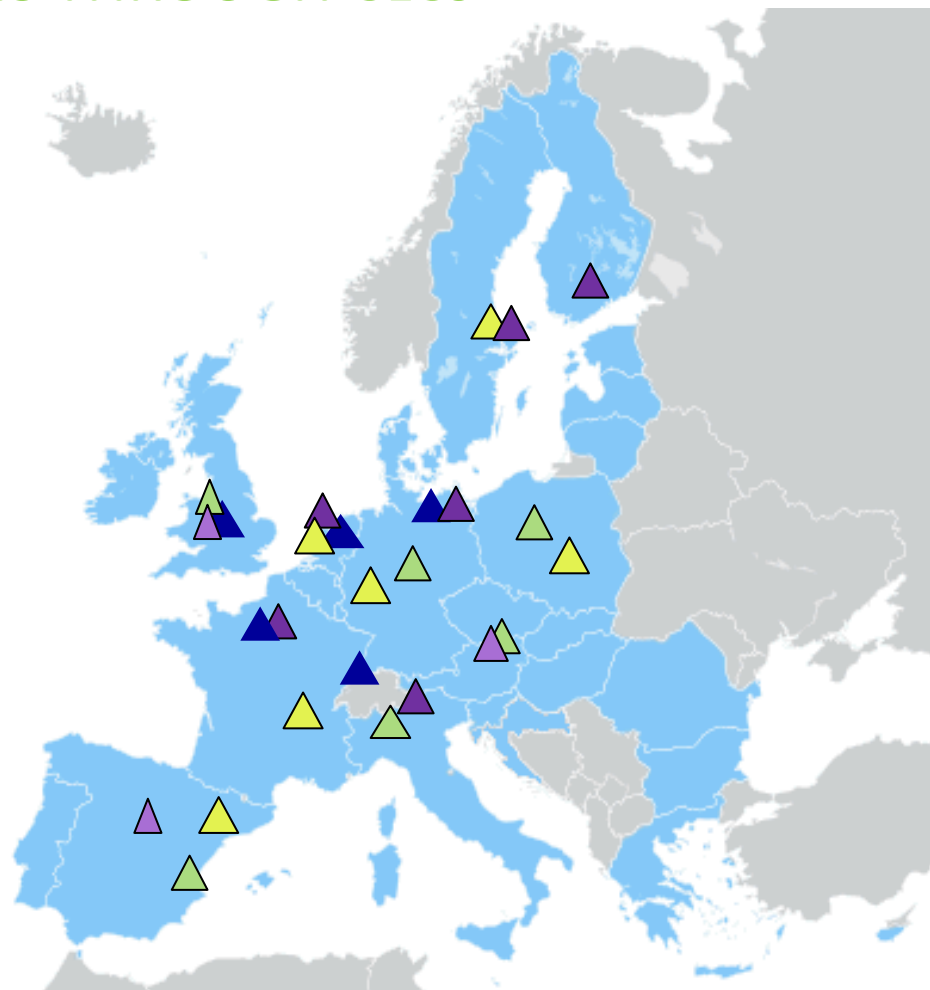


eit Knowledge & Innovation Community
KIC InnoEnergy



KICs' INTERCONNECTED ECOSYSTEMS THROUGH CLCs

- **Climate-KIC:**
 - ▲ Co-location Centre
 - ▲ RIC (Regional Impler Innovation Centre)
- **EIT ICT Labs:**
 - ▲ Co-location Centre
 - ▲ Associate Partner
- **KIC InnoEnergy**
 - ▲ Co-location Centre



A European ecosystem reinforcing ICT Hot Spots



Berlin	Eindhoven	Helsinki	Paris	Stockholm	Trento
					



* Based on current agreement between EP and Council – still subject to formal adoption in both EP & Council

THE FUTURE KIC CALL

→ Proposed themes* for future KICs (SIA)

2014



2016



2018



- *Based on current agreement between EP and Council still subject to formal adoption in both EP & Council*

Muchas gracias !