



European Institute of
Innovation & Technology

How the globalisation of R&D is challenging national and regional innovation policies ?

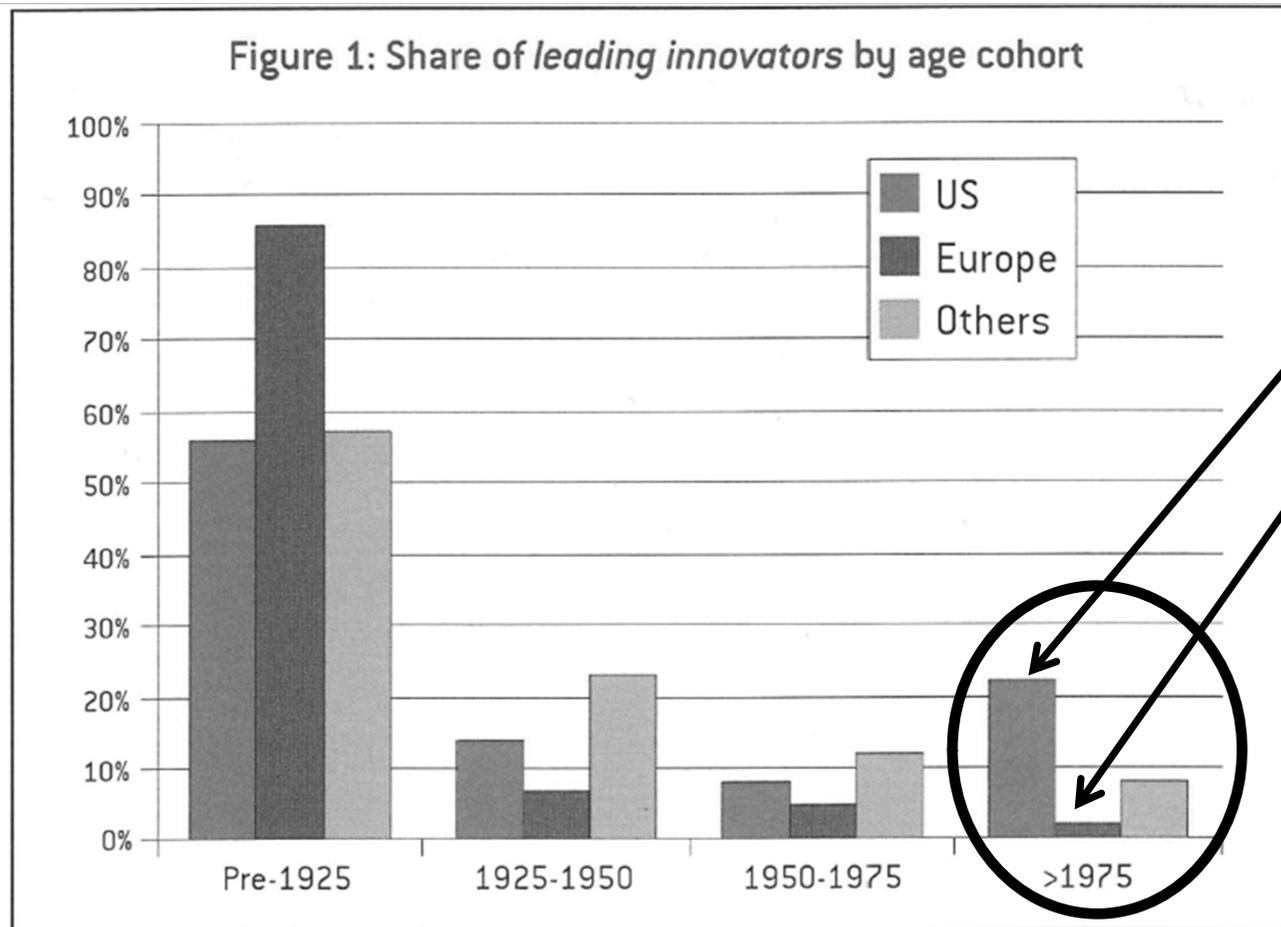
EIT's approach to power innovation in Europe

José Manuel Leceta, EIT Director

2013 EU-SPRI Forum Conference , Madrid

12 April 2013

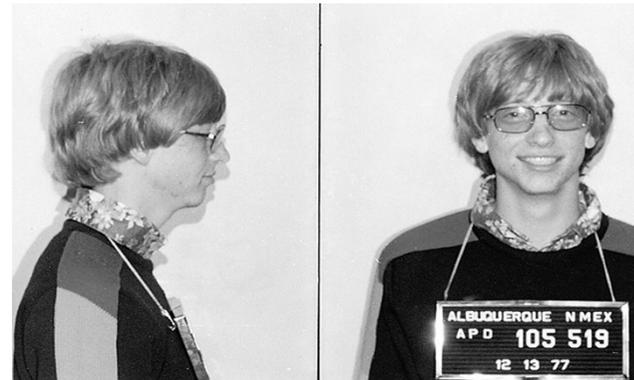
AGE DISTRIBUTION OF COMPANIES' CONTRIBUTION TO INNOVATION: EUROPE V. US AND OTHERS



US: approx.
21%
EU: approx.
2%

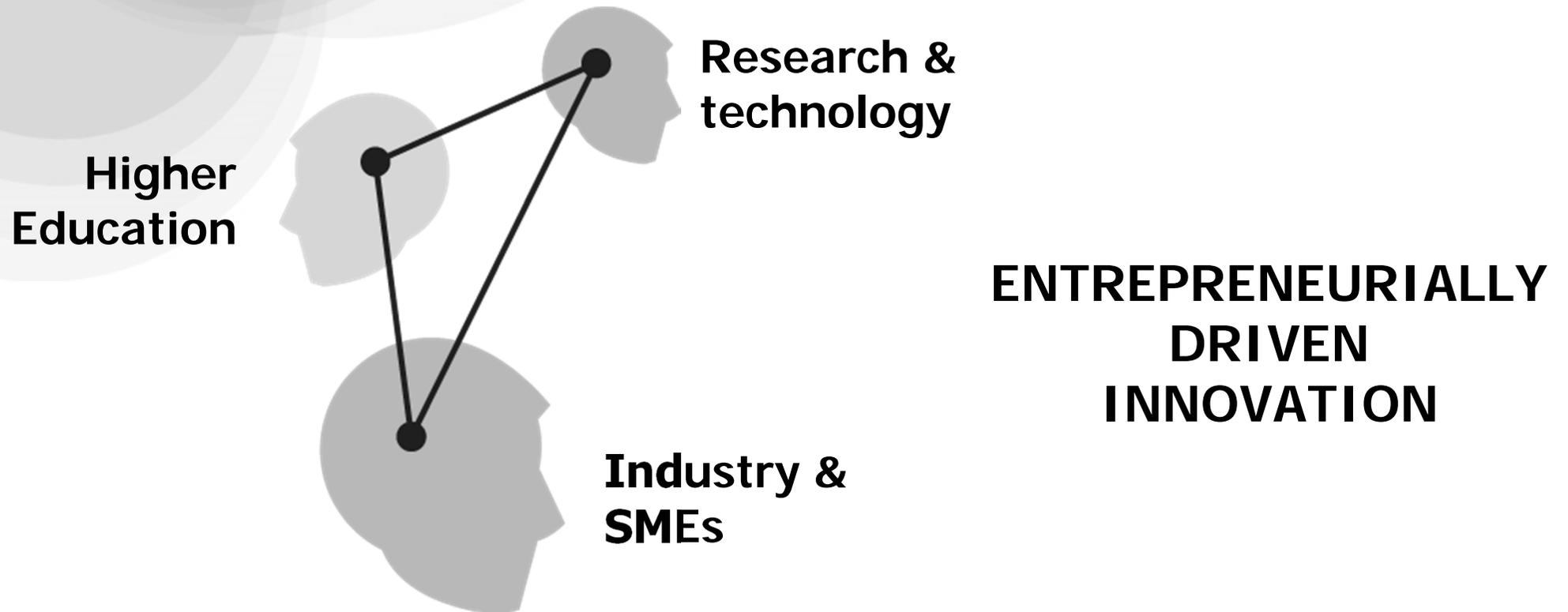
**BEHRING, NOBEL, CITROEN, SIEMENS, REUTER = EUROPEAN HISTORY
BOYER, GATES AND ZUCKERBERG = U.S. REALITY!**

**HOW
to motivate kids
to set up garage
companies in
Europe?**



wanted

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

EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY (EIT)

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

MISSION:

“To become the catalyst for a step change in the European Union’s innovation capacity and impact”

EIT AS A 'GAME CHANGER' OR 'INNOVATION POLICY FACTORY'

The EIT's mission is to facilitate the following transitions:

→ from **idea to product**

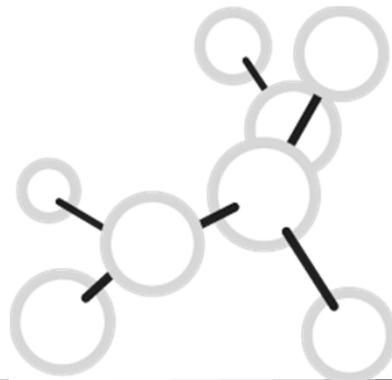
→ from **lab to market**

→ from **student to entrepreneur**

by integrating the three sides of the Knowledge Triangle (higher education, research and business) in areas of high societal need.

THE EIT'S OPERATIONAL ARMS: ITS 'INNOVATION FACTORIES' (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



THE FIRST 3 KICs

Designated in December 2009 by the EIT Governing Board

eit Knowledge &
Innovation
Community

Climate-KIC

eit Knowledge &
Innovation
Community

EIT ICT Labs

eit Knowledge &
Innovation
Community

KIC InnoEnergy

KICs' EUROPEAN IMPACT & GOOD PRACTICE

Climate-KIC:

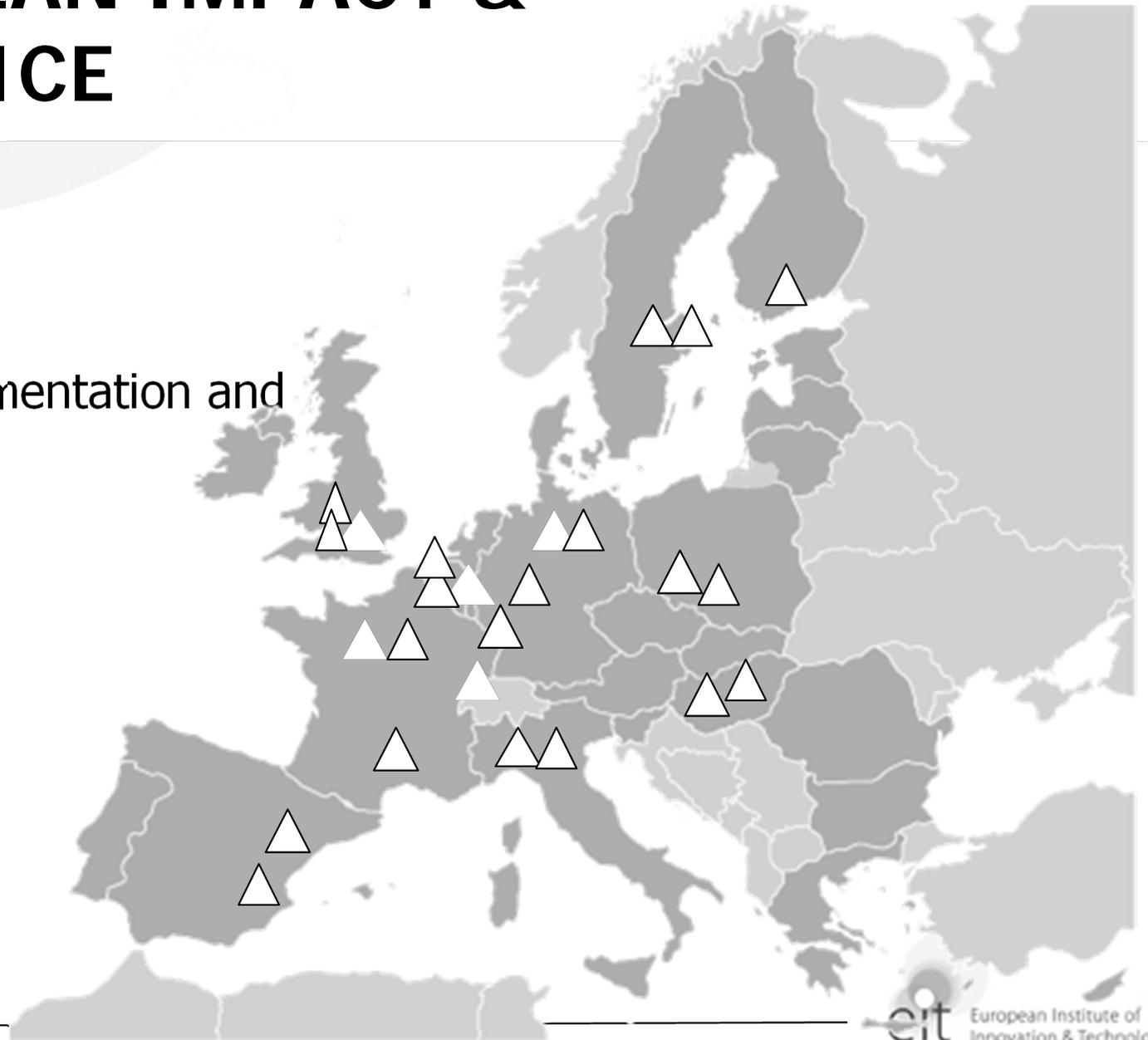
- ▲ Co-location centre
- △ RIC (Regional Implementation and Innovation Centre)

EIT ICT Labs:

- △ Co-location centre
- △ Associate Partner

KIC InnoEnergy

- △ Co-location centre



THE KIC MODEL (1/2)

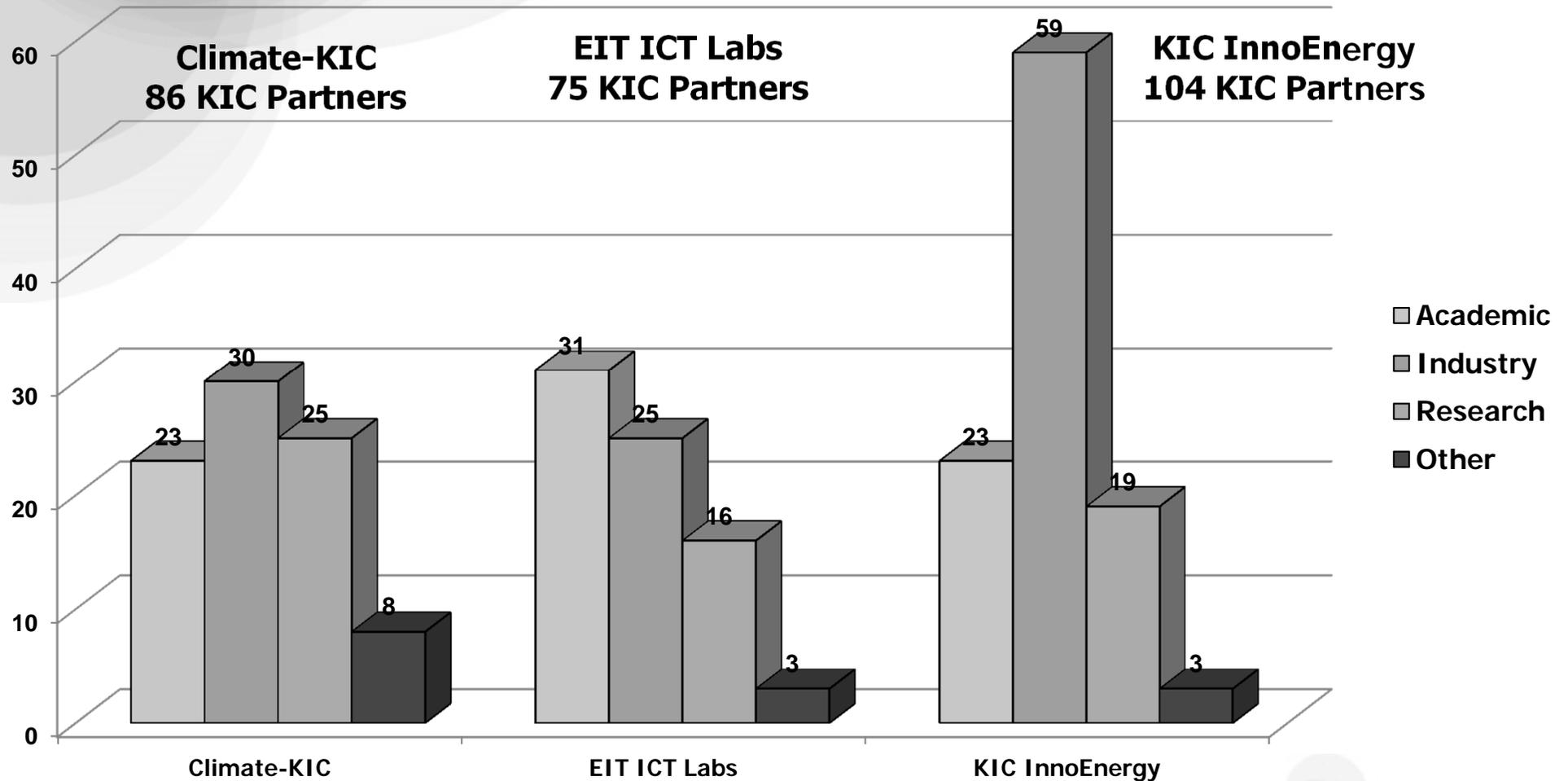
- **High degree of integration:** each KIC is an independent legal entity, gathering world-class KIC partners from the knowledge triangle based on a contractual relationship/partnership with the EIT.
- **Long-term strategic approach:** each KIC is set up for a minimum of 7 years to eventually become self sustainable.
- **Sufficient autonomy and flexibility:** to determine organisational structure and activities governed by a Board of KIC partner organisations
- **Effective governance:** run by a CEO and a lean management team at central and co-location level.

THE KIC MODEL (2/2)

- **Smart funding & high degree of commitment of partners:** EIT funding to KICs is max. 25% of their total budget over time with 75% to be attracted from other sources, both public and private.
- **The co-location model:** each KIC consists of 5-6 world class innovation hotspots building and leveraging on existing European capacities.
- **Results/High-Impact-oriented activities:** KICs implement a Business Plan with measurable deliverables, results and impact
- **Culture:** KICs are shaped by strong entrepreneurial mindsets and cultures

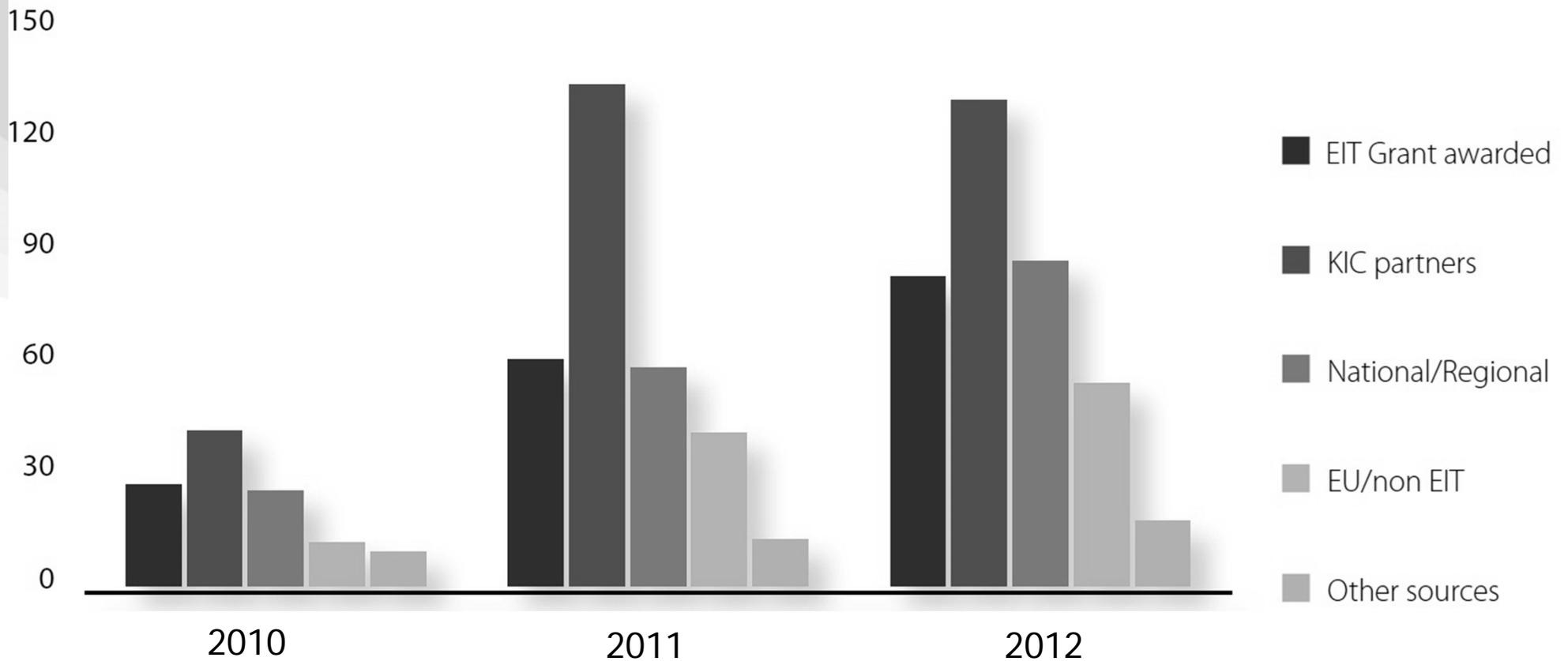
KIC PARTNERS: 2010-2012

2012 KIC Partners



In 2012, the three KIC brought together over **260 KIC Partners**

SOURCES OF KIC FUNDING: 2010-2012



Total KICs Budget per year - Sources of funding (in million €)

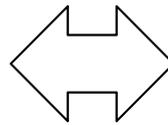
The background features a series of overlapping, semi-transparent circles in various shades of gray. A large, faint lightbulb shape is visible on the right side, with its base at the bottom right corner. The overall aesthetic is clean and modern.

The EIT as an INSTITUTE for EUROPE

'What we do' is unique

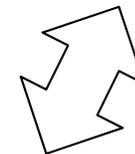
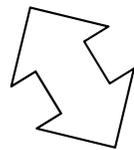
EDUCATION

Promoting excellent education for creativity, innovation and entrepreneurship by high quality EIT labelled degree programmes, fostering a vibrant EIT student & alumni community.



ENTREPRENEURSHIP

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



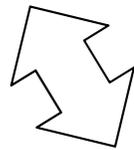
WORLD-CLASS INNOVATION

Developing innovative ecosystems to create and grow world-class, breakthrough innovations by exploiting KIC synergies and complementarities at European level (cross-border).

We also want to be unique 'the way we do it'

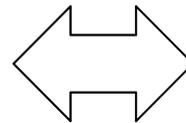
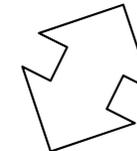
MONITORING

Development of an internal mechanism that allows the monitoring of the EIT and KICs' performance and objectives achieved, focusing on achievements, outputs and generation of both economic and societal impact benchmarked against best international practices.



SIMPLIFICATION

Simplification is a dynamic process, embedded in the EIT operation and an integral part of its supporting function towards the KICs. The EIT will deliver a simplification agenda in key areas such as contractual agreements, simplified reporting, lumps sums and flat rates.



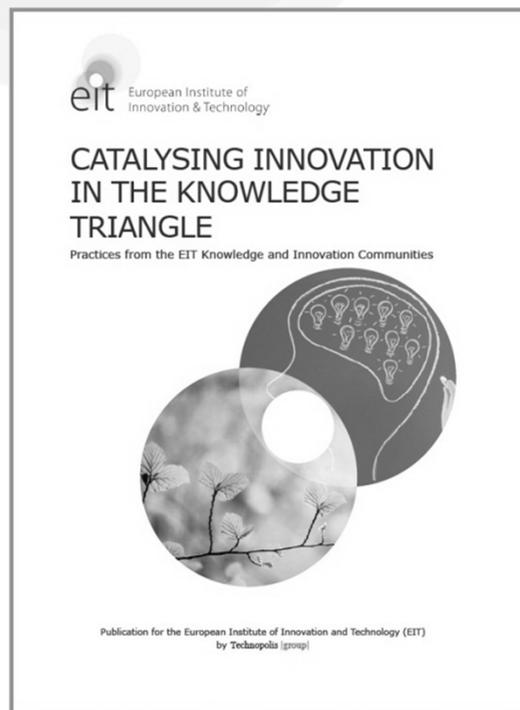
DISSEMINATION

The EIT must deliver platforms for the knowledge exchange and dissemination of its results and impact via outreach activities such as exchange of good practice, stakeholders platform and the EIT fellowship programme

OUTREACH & DISSEMINATION

1st Illustrations – at EIT LEVEL

First example of dissemination of its results and impact via outreach activities via the exchange of good practice



EIT Publication: **Catalysing Innovation in the Knowledge Triangle: Practices from the EIT Knowledge and Innovation Communities**

→ publication compiled to showcase the approach - the 'what' and the 'how' - taken by the EIT to catalyse the knowledge triangle (business, higher education and research) in Europe.

OUTREACH & DISSEMINATION

1st Illustrations – at EIT LEVEL

“Fostering Innovation and Strengthening Synergies within the EU”

29/30 April, Trinity College Dublin

(max 275 participants, networking reception and dinner)

DAY 1 – Present and future KICs: what makes a KIC a KIC?

Welcome and Introduction

Plenary Session 1 – Achieving impact through excellent partnerships

Plenary Session 2 – Achieving impact through an innovative funding model

Plenary Session 3 – Achieving impact through an innovative project portfolio

Plenary Session 4 – Measuring impact: monitoring in the EIT and its KICs



DAY 2 – Beyond the KICs: engaging with the stakeholder community

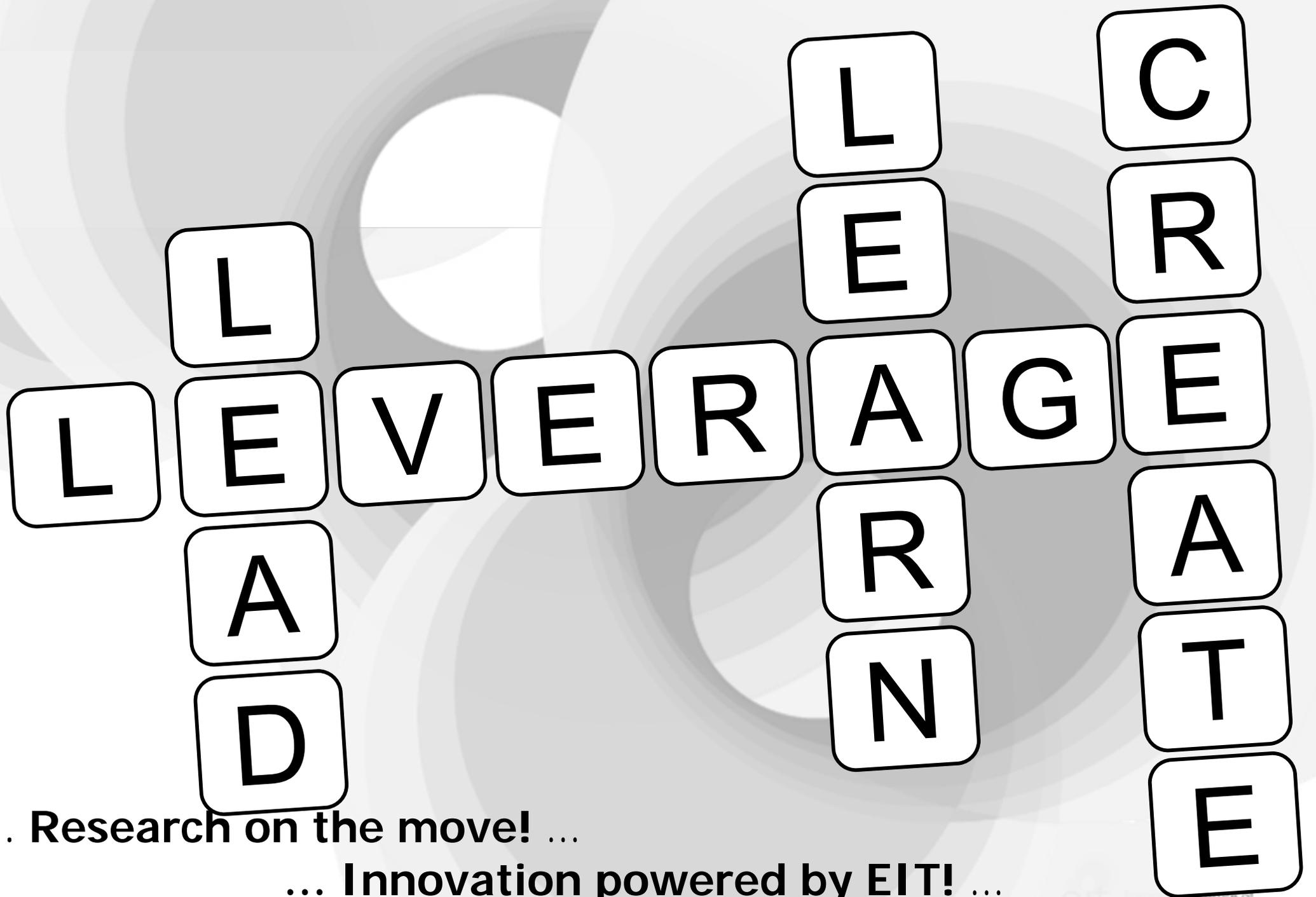
Plenary Session 5 – Synergies at national and EU level

Plenary Session 6 – Engagement with Europe’s talented innovators, and creating new talent

Plenary Session 7 – Engagement with Europe’s Regions

EIT's VISION OF AN "ENTREPRENEURSHIP-DRIVEN IMPACT INVESTMENT INSTITUTE"

- Direct deliverables: **Breakthrough Innovations & People for Europe !** contributing to European excellence, competitiveness and cohesion:
 - KICs' CLCs as world-class innovation hubs working across borders.
 - leveraging entrepreneurship-driven innovation, from local to global,
- Induced deliverables: **Reinforce EIT as an Institute for Europe overall** , scaling up its operations in 2014-2020 to secure critical mass and impact:
 - EIT Budapest as a knowledge pool and intelligent investor in KICs,
 - including wide dissemination of KIC novel practice across Europe.



... Research on the move! ...

... Innovation powered by EIT! ...

... Entrepreneurs in the making! ...