



S2E Slovenia Event | Ljubljana

Climate-KIC: Boosting climate innovation through the EIT Regional Innovation Scheme (RIS)

6 April 2016



Climate-KIC is supported by the
EIT, a body of the European Union

Dr Mike Cherrett, Director - Operations

EIT at a glance

European Institute of Innovation and Technology

- The EIT is the first EU initiative bringing together the three sides of the “knowledge triangle”: business (large companies and SMEs), higher education institutions and research centres.
- The EIT aims to increase the co-operation and integration between higher education, business and research to facilitate the transition from:



student to
entrepreneur

idea to product

lab to customer

EIT's first 3 KICs – designated in December 2009

Climate-KIC



EIT Digital



KIC InnoEnergy



EIT's 2 new KICs – designated in December 2014

EIT Raw Materials



EIT Health



EIT priorities 2014 – 2020

1

**Fostering
growth and impact
of first 3 KICS**

**Climate-KIC
EIT Digital
KIC InnoEnergy**

2

**Creating
5 new KICs**

2014

**EIT Health
EIT Raw Materials**

2016

**EIT Food
EIT Manufacturing**

2018

EIT Urban Mobility

3

**Sharing and
Disseminating**

**EIT good
practices**

**incl. EIT Regional
Innovation
Scheme (EIT RIS)**

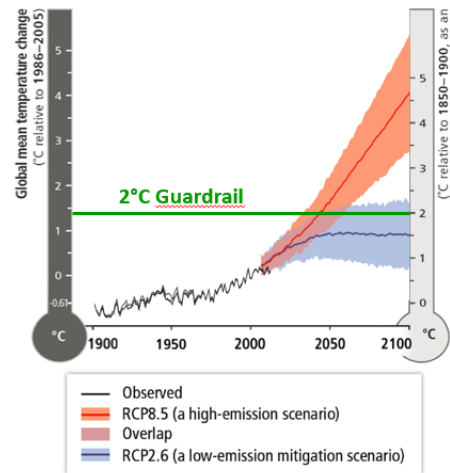
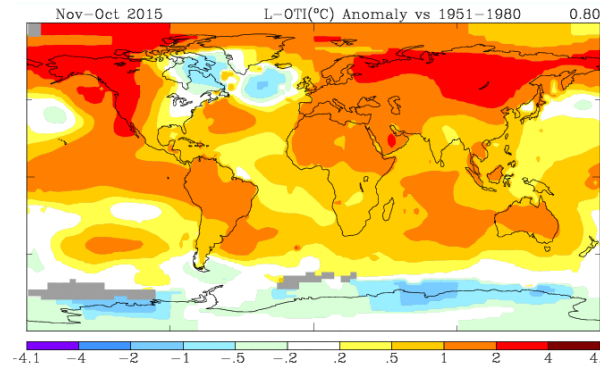


EIT Climate-KIC

The climate challenge and opportunities

Challenge

- 2°C is the guard rail for 'manageable' climate change.
- 2015: 1°C warming already. Already impacting economies.
- Already seeing higher frequency extreme weather: impact on crop yield, health and potential for social unrest.
- COP21 'pledges' will only abate 50% of CO2 emissions needed.



Data: top NASA GISS – annual mean 2015.
Bottom: IPCC AR5 (2014)

Opportunities

- A unique opportunity: we must address the biggest challenge facing mankind and our planet.
- €5.5 trillion market for low carbon technology and products. An underestimate – as adaptation costs/opportunities are complex and harder to quantify.
- Climate-KIC can lead for Europe: new technology & policy, new businesses, new jobs.
- Co-benefits for health, resource use, food and mobility.

World's largest Climate PPP delivered €1.8b climate action...

Mission:

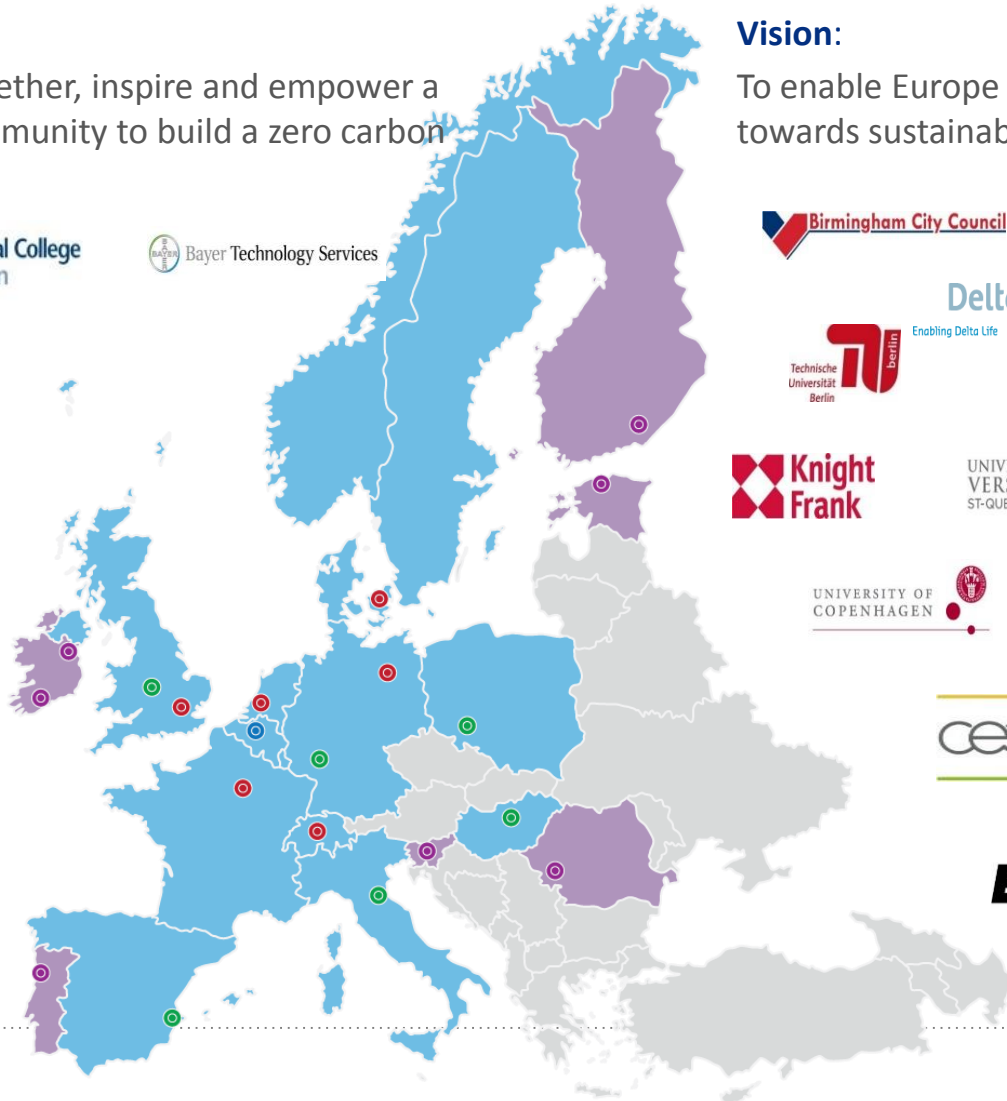
We bring together, inspire and empower a dynamic community to build a zero carbon economy



Imperial College
London



TNO innovation
for life



Vision:

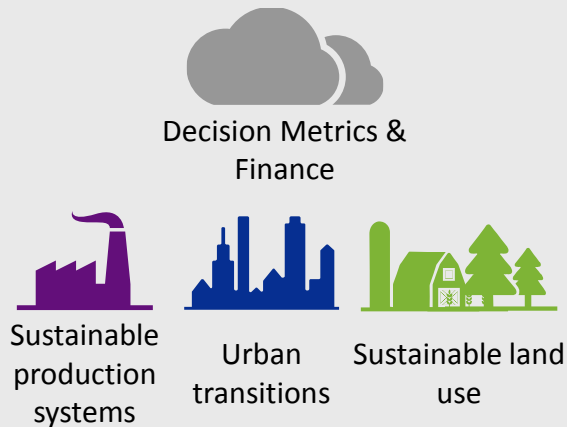
To enable Europe to lead the global transformation towards sustainability



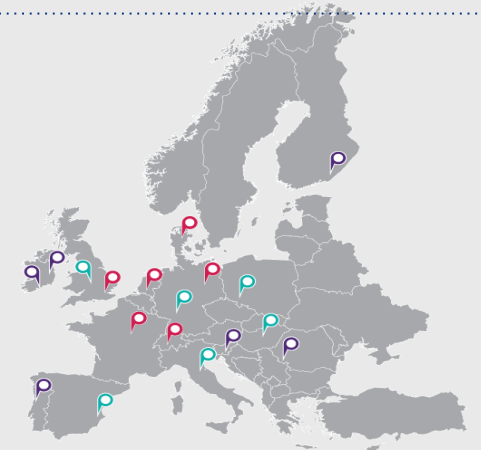
How we deliver impact

Climate action

Thematic areas



Geographies



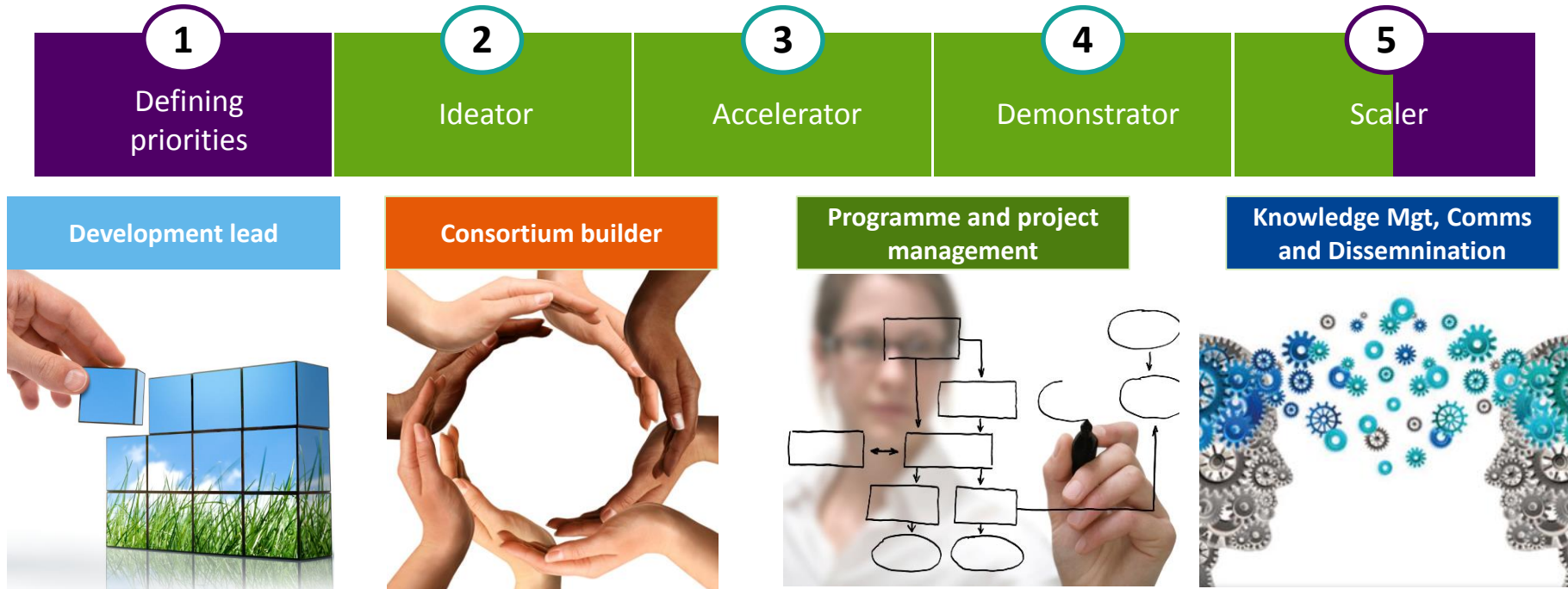
Education

Climate-KIC Innovation Framework



Innovation Framework: How we work

Climate-KIC Innovation Framework



Supply-side discoveries

Innovation Opportunities exploited through
130 cross-sector, cross-border consortia

**Climate
Impact**

Demand-side needs

Climate-KIC Delivering its mission...

student to
entrepreneur

idea to product

lab to customer



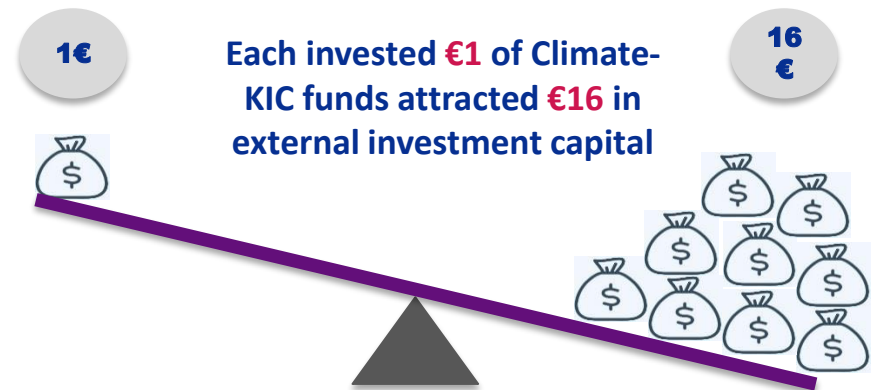
EIT Community on Forbes' 30 under 30 Europe list

News 10/02/2016

A big congratulations to the EIT entrepreneurs and change makers who made it onto Forbes' '30 under 30 Europe' list. Climate-KIC and KIC InnoEnergy are supporting five out of the thirty most promising young social entrepreneurs in Europe. The category celebrates people who are leveraging business tools to solve the world's problems.

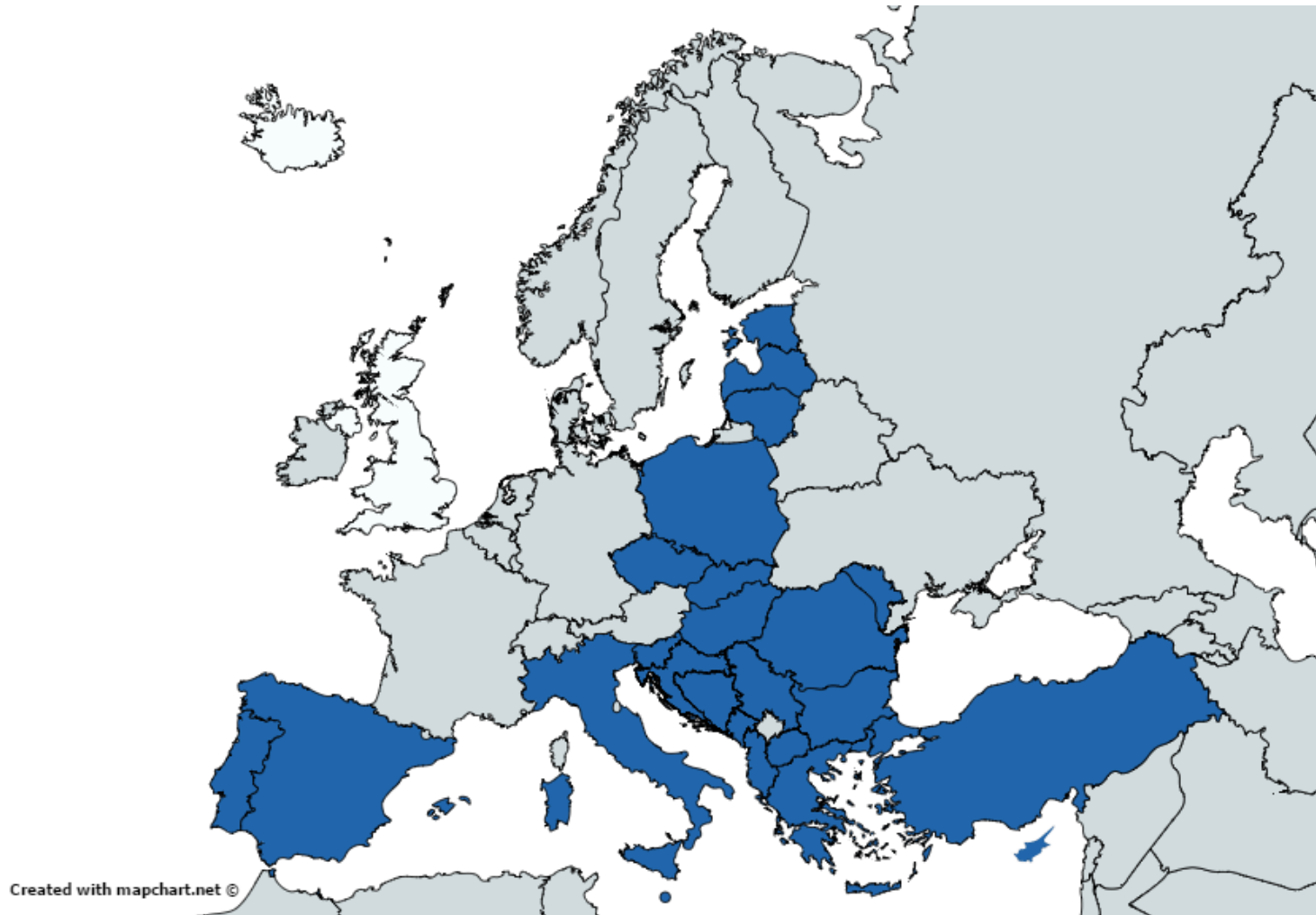
Start-up Acceleration

Case study: German Accelerator programme, 2011-15



EIT Regional Innovation Scheme (RIS)

Eligible countries



Good Practice Example: Climate-KIC RIS Programme between Slovenia and Italy (Emilia-Romagna)

Results 2014-15

- +50 knowledge exchange visit participants
- 19 Slovenian participants in the “Pioneers into Practice” programme, an on-the-job training programme for professionals
- 4 Slovenian start-ups taking part in the Climate-KIC Accelerator Programme
- +25 Slovenian participants in high-level education courses
- Support for business ideas through the Climate LaunchPad, Europe’s largest cleantech business idea competition



The leading Slovenian partner is CO NOT (Centre of Excellence for Low-Carbon Technologies)

Climate Launchpad competition 2016

Submission deadline Slovenia	May 20th 2016
Boot Camp Slovenia	June 2nd 2016 - June 3rd 2016
Final Slovenia	August 18th 2016
European Final, Tallinn	October 7th 2016 - October 8th 2016

EIT RIS: Enabling Synergies



- The EIT RIS creates **synergies and complementarities with other EU, national, regional innovation initiatives and funding sources** → opportunities for mutually reinforcing interaction with the EU's Cohesion Policy by addressing the links between the local and global aspects of innovation
- EIT RIS allows for **synergies and efficiency gains for regions designing their RIS3 strategies** and looking for a better integration of the knowledge triangle as a driver of enhanced innovation capacity at regional level
- To ensure the participation of individuals from diverse backgrounds the EIT RIS financed **structured mobility actions**

*A unique opportunity: together we
can address the biggest challenge
facing mankind and our planet*



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