



II Jornada de Investigación Universitaria sobre Cambio Climático  
2 Oct. 2018 UPV - Valencia

# Transforming innovation into climate action

Jose L. Muñoz  
Director EIT Climate-KIC Spain

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







ADVANCED LEADERSHIP FOUNDATION

# A CHALLENGE



f t i @aleadershiporg

www.advancedleadership.org

info@aleadership.org

A large crowd of people is gathered in a spacious, industrial-style hall with a high ceiling and exposed metal beams. The scene is dimly lit, with a strong blue color cast over the entire image. In the foreground, several people are seated at tables, while a dense crowd of people stands in the background, some looking towards the camera. The overall atmosphere is that of a busy, large-scale event or conference.

EIT Climate-KIC is a European **knowledge and innovation community** working to accelerate the transition to a **zero-carbon economy** through **whole systems** transformation.

EIT Climate-KIC is part of the European Institute of Innovation and Technology (EIT) and the EIT community. The EIT is a body of the European Union. We are one of six KICs acting together as global innovation leaders, delivering world class solutions to societal challenges.

# The Knowledge and Innovation Communities of EIT

## KICs of EIT are unique in its approach and distinctive from other initiatives

- The EIT is **set up as an institution governing a set of Knowledge Innovation Communities (KICs)** that each address a specific societal challenge (henceforth: the EIT Community).
- This community has **presence all over Europe**, making it a pan-European networked endeavour.
- The **EIT Community bridges a 'gap' between research and market** through greater **integration of education, research and business (Knowledge Triangle Integration)**.
- A unique funding mechanism is put in place that aims at **creating financial sustainability of the KICs over time**, with the ability for the EIT to allocate funds based on priorities and results.

EIT Climate-KIC



EIT Digital



EIT Raw Materials



EIT Health



EIT InnoEnergy



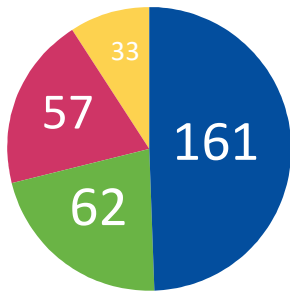
EIT Food





# EIT Climate-KIC Partners by country and type

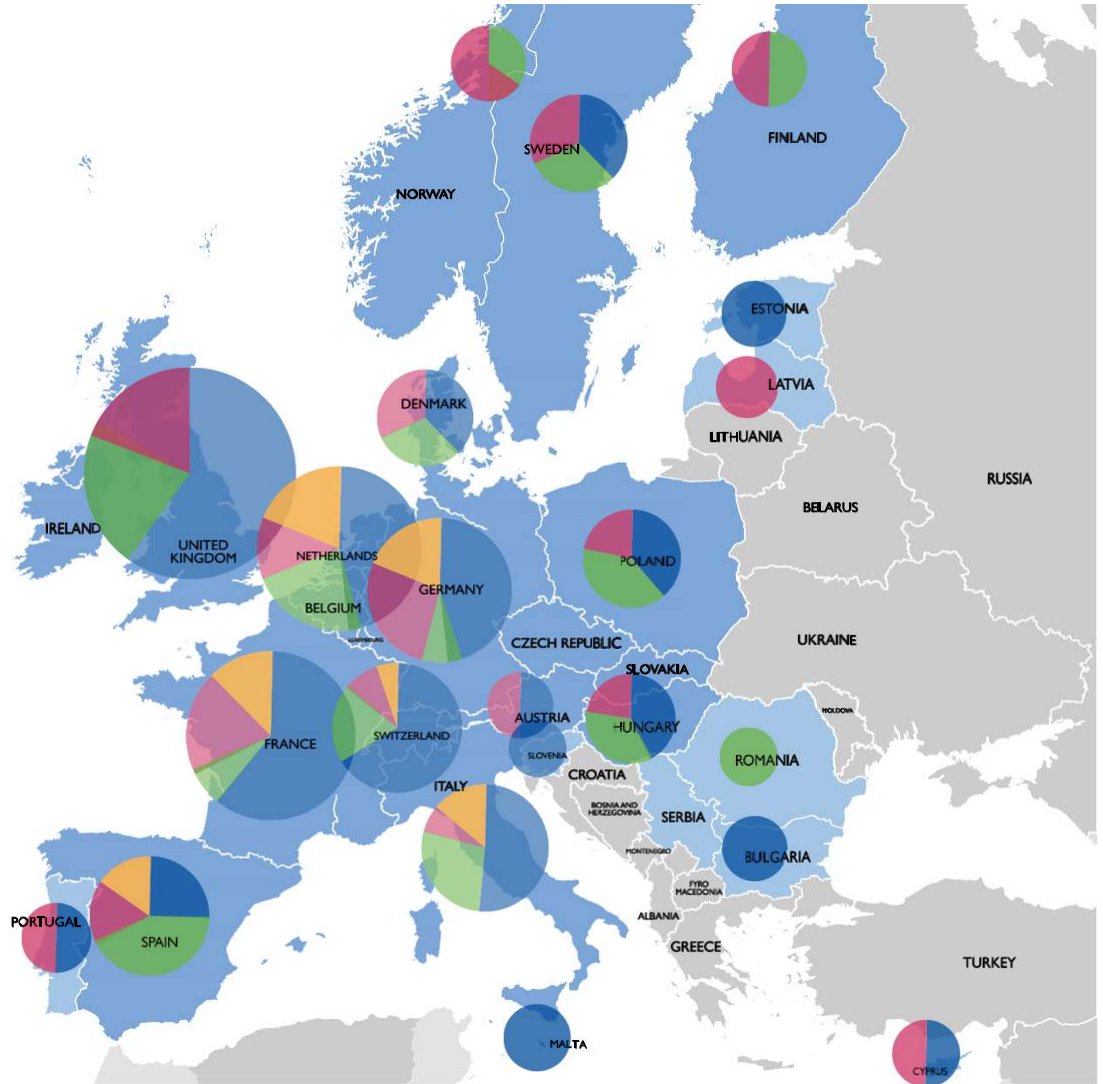
- Higher Education
- Business
- Research
- Cities, Regions & NGOs



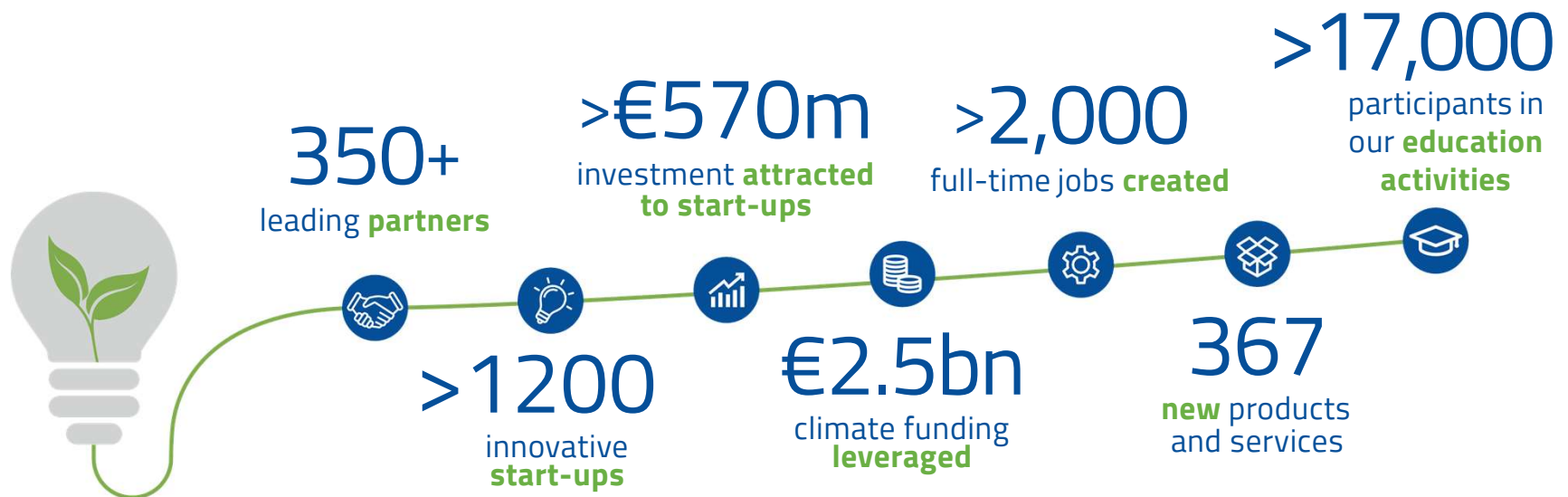
Total pan-European distribution of our partners



ICELAND



# Building a movement of climate action





# Innovation areas

We develop innovation across sectors with the most potential for environmental gain and continued prosperity.



Urban Transitions



Sustainable  
Land Use

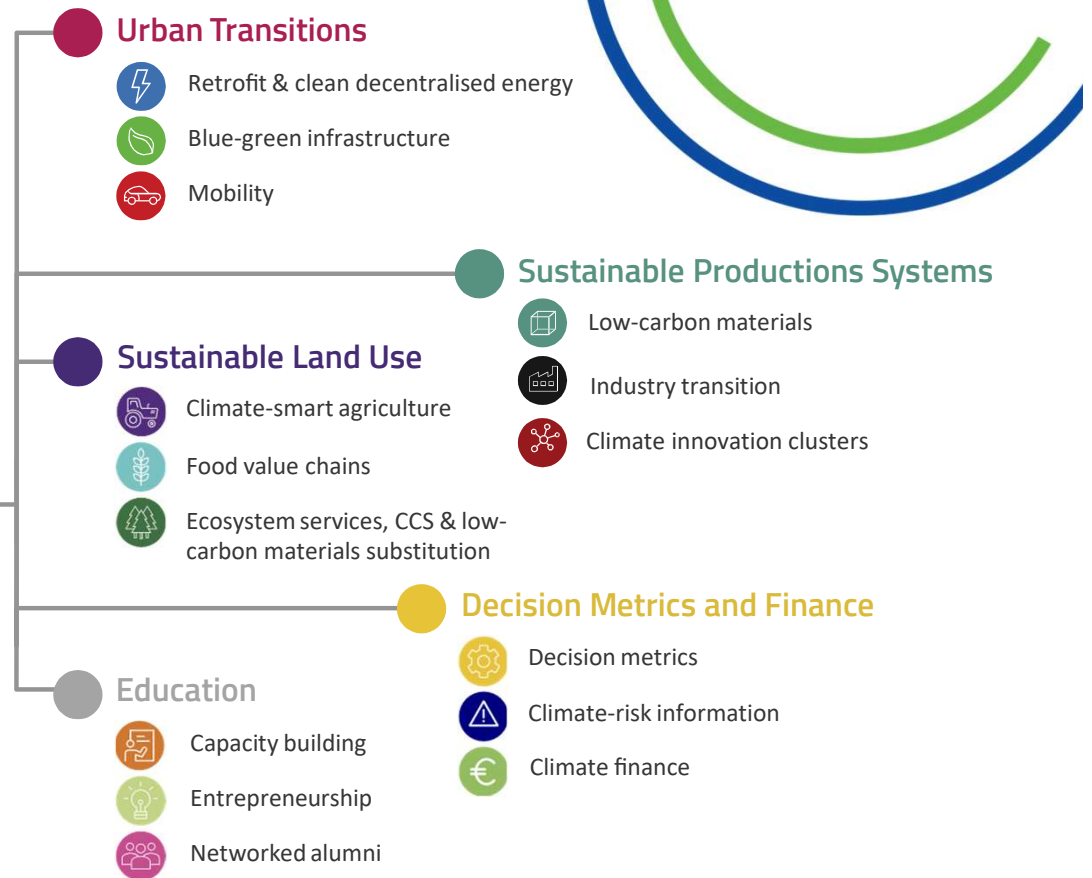


Sustainable  
Production Systems

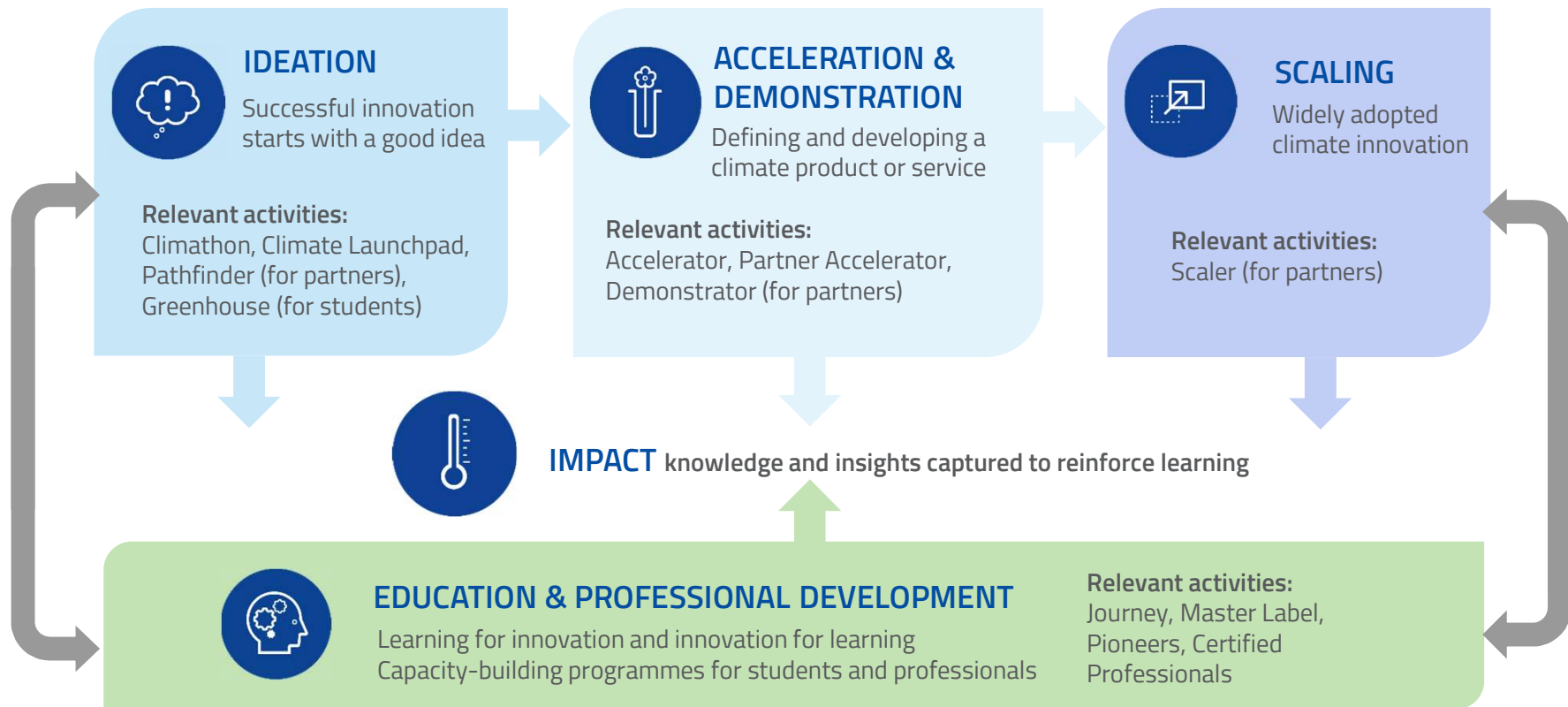


Decision Metrics and  
Finance

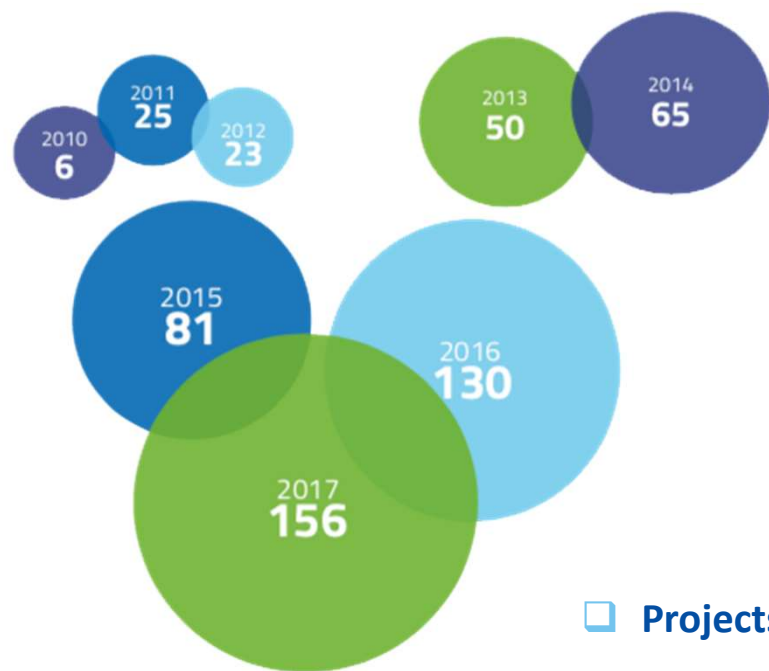
# 2030 Impact Goals and Transformation Pathways



# End-to-end innovation

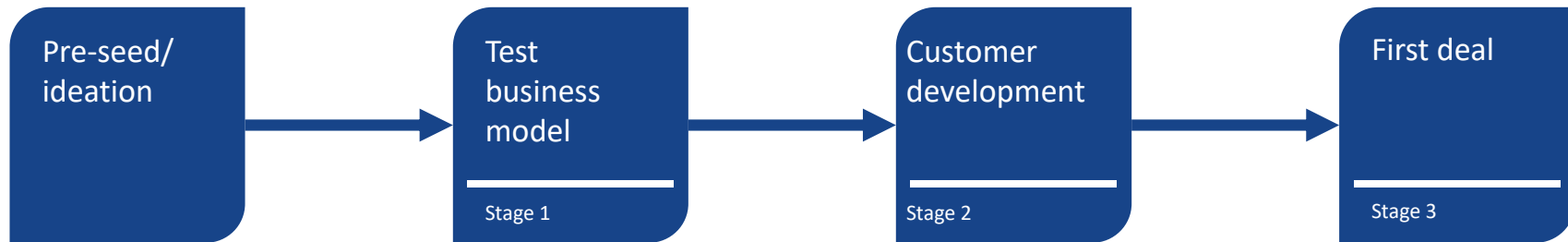


# Innovation Projects



- Projects per year
- Pathfinder, Partner Accelerator, Innovation, Demonstrator, Scaler

# Entrepreneurship Programmes



Climate Launchpad

Greenhouse

## Climate-KIC Accelerator



Expert coaching and workshops



Pitch stage



Mentoring and networking



Working space



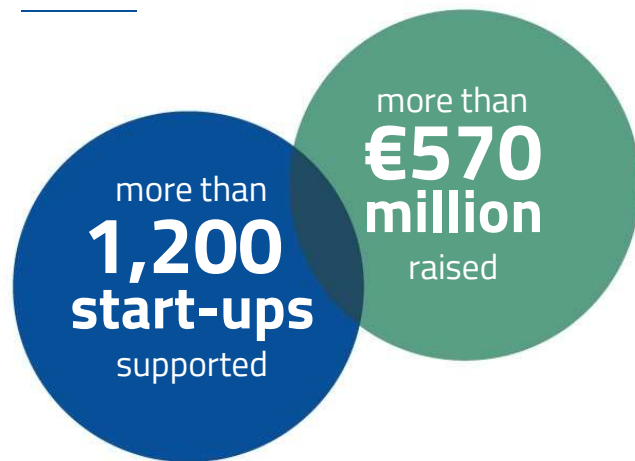
Access to Climate-KIC partners



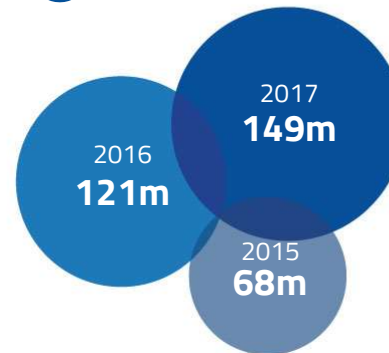
Financial support

Find out more: [www.climate-kic.org/start-up-accelerator](http://www.climate-kic.org/start-up-accelerator)

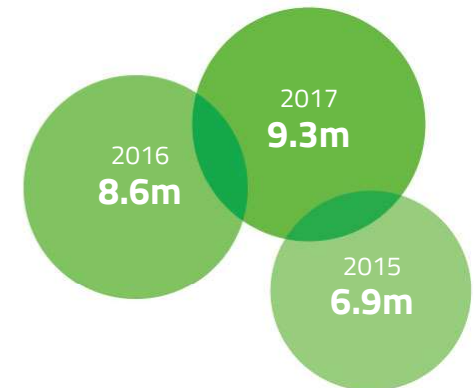
# EIT Climate-KIC Start-up Accelerator Programme



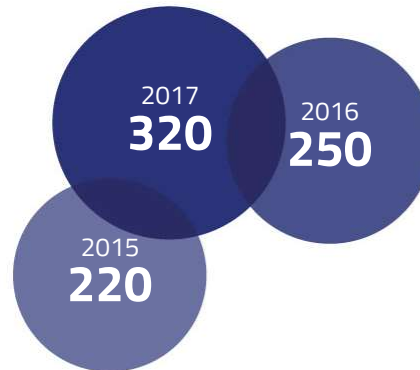
## Capital attracted



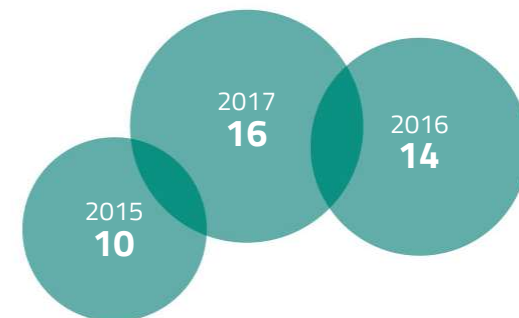
## Spend by CKIC



## Ideas incubated



## Leverage ratio



# ClimateLaunchpad

"The world's leading green business ideas competition"



## Number of business ideas submitted



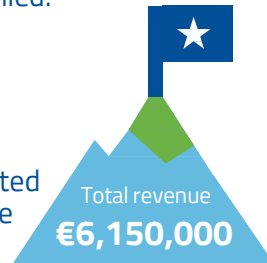
## Funding and revenue

Of 728 start-ups enrolled:

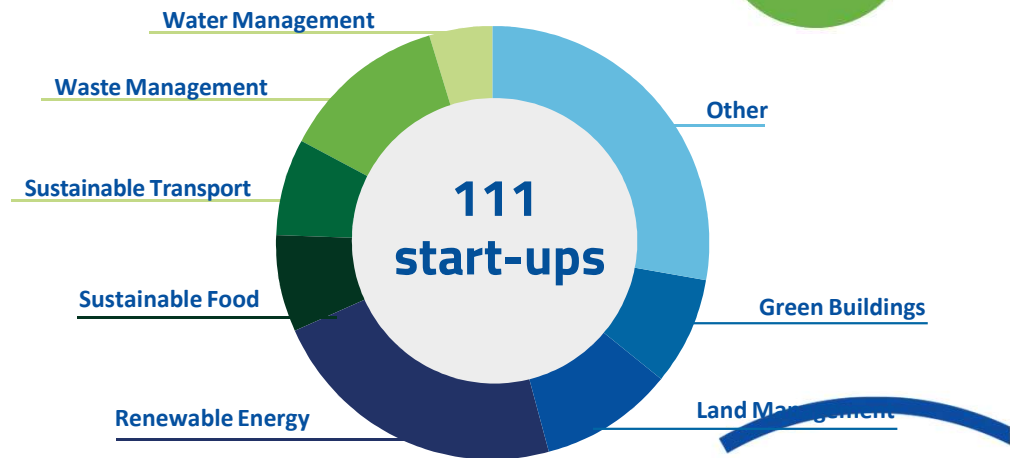
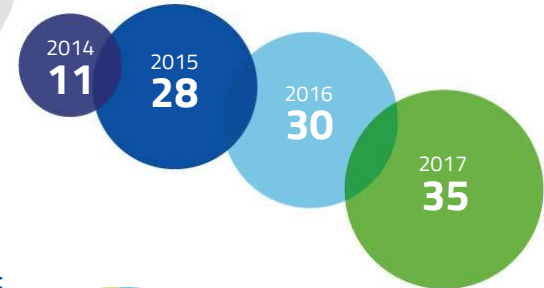


**111** received external funding

**42** generated revenue



## Participating countries



## Funded CLP start-ups by sector

# FUNCAS Report

FUNCAS Ranking: Climate-KIC Accelerator 5th best acceleration programme in Spain



**ESEficiencia.es**  
Portal de Eficiencia y Servicios Energéticos

INICIO EFICIENCIA ENERGÉTICA SERVICIOS ENERGÉTICOS CLIMATIZACIÓN ILUMINACIÓN ENERGÍAS RENOVABLES >  
Inicio » Eficiencia Energética » Funcas sitúa a Climate-KIC Accelerator entre los cinco mejores programas aceleradores de empresas

## Funcas sitúa a Climate-KIC Accelerator entre los cinco mejores programas aceleradores de empresas

Publicado: 15/06/2017



Climate-KIC Accelerator, el programa de aceleración de start-ups de la iniciativa europea Climate-KIC, centrada en innovación para la mitigación y la adaptación al cambio climático, ha sido clasificada en un ranking elaborado por Funcas, como uno de los cinco mejores programas de aceleración de empresas.



## Emprendedores

Start-ups medioambientales >



## Abierta convocatoria para la mayor aceleradora de start-ups limpias

• Es uno de los cinco mejores programas de aceleración de empresas.

f t in ✉ Ir a comentar





A large group of diverse young adults, including men and women of various ethnicities, are smiling and looking towards the camera. The image is overlaid with a blue tint. The text is centered over the group.

Education is critical to building the emerging capacities needed for a changing world and climate. We **empower** graduates, professionals and executives with the skills they need to make a positive contribution to the new climate economy, helping them **learn to learn**.



## Our Education portfolio

- Climate-KIC Education inspires, trains and supports future visionary leaders for climate action.
- ideas are the engine of change, where we fuse radically and disruptively, new thinking and innovation, through Smart methodologies and providing our students and professionals with incisive skills for business

GRADUATE

Journey

Greenhouse

Catapult

Spark

PROFESSIONAL

Pioneers

Catalyst

Startup

Spotlight

Exchange

Climathon

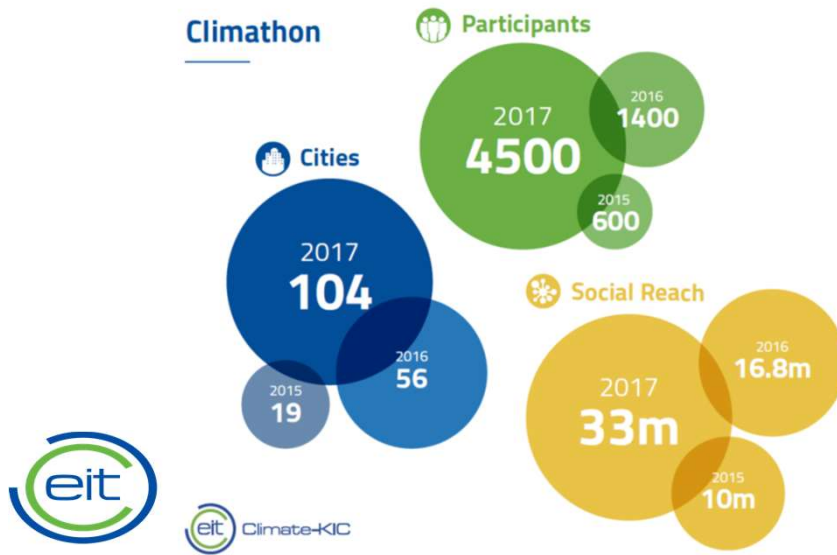


Education is the base for innovation

# Climathon

Climathon is a global 24-hour climate change hackathon which will take place simultaneously in major cities around the world on 26 October 2018.

## Climathon



## Climathon city challenges

Find a city with a similar challenge to yours, and get in touch with them to exchange ideas during your 24-hour Climathon



### Air pollution

Recife, Brazil  
Hong Kong, University of Hong Kong, China  
Berlin, Germany  
Ahvaz, Iran  
Tehran, Iran  
Warsaw, Poland  
Mexico City, Mexico  
Leeds, UK  
Yerevan, Armenia



### Circular economy

Helsinki, Finland  
Edinburgh, UK  
Hong Kong, SAR, China  
Torres Vedras, Spain  
Suzhou, China  
Maribor, Slovenia



### CO<sub>2</sub> reduction

Yerevan, Armenia  
Adelaide, Australia  
Matera, Italy  
Wellington, New Zealand  
Long Beach, California, USA  
Galway, Ireland



### Coast management

Lecco, Italy  
Wellington, New Zealand  
St Petersburg, USA  
Venice, Italy  
Rimini, Italy



### Cultural heritage

Napoli, Italy  
Suzhou, China  
Trondheim, Norway



### Ecosystems

Bangor, Wales



### Energy

Brussels, Belgium  
Hong Kong, SAR, China  
Hong Kong, University of Hong Kong, China  
Berlin, Germany  
Alessandria, Italy  
Milan, Italy  
Delft, The Netherlands  
Wellington, New Zealand  
Trondheim, Norway  
Zurich, Switzerland  
Rabat, Morocco  
Krakow, Poland  
Busan, South Korea  
Valencia, Spain  
Lund, Sweden  
Long Beach, USA



### Extreme weather events

Melbourne, Australia  
Minsk, Belarus  
Hong Kong, SAR, China  
Hong Kong, University of Hong Kong, China  
Paris, France



### Policy

Hyderabad, India  
Bologna, Italy  
Sassari, Italy  
High Atlas, Morocco  
Brasov, Romania  
Novi Sad, Serbia  
Murcia, Spain



### Recycling, bio waste, waste management

Recife, Brazil  
Hong Kong, SAR, China  
Hong Kong, University of Hong Kong, China  
Suzhou, China



### Food

Wellington, New Zealand  
Donostia/San Sebastian, Spain  
Galicia, Spain  
Zurich, Switzerland  
Edinburgh, UK



### Land use

Cuernavaca, Mexico  
Port of Spain, Trinidad and Tobago



### Light pollution

Madrid, Spain



### Mobility

Canberra, Australia  
Recife, Brazil  
Bogota, Colombia  
Tallinn, Estonia  
Cannes, France  
Essen, Germany  
Budapest, Hungary  
Karaj, Iran  
Cork, Ireland  
Ferrara, Italy  
Rabat, Morocco  
Wellington, New Zealand  
Oslo, Norway  
Krakow, Poland  
Almada, Portugal  
Rimini, Italy  
Salerno, Italy  
Galicia, Spain  
Zurich, Switzerland  
London, UK  
Tehran, Iran  
Matera, Italy  
Long Beach, USA  
Novi Sad, Serbia  
Coimbatore, India



### Smart city, urban resilience, management, development

Lagos, Lagos State  
University, Nigeria  
Magliano Sabina, Italy



### Community involvement

Tehran, Iran  
Mexico City, Mexico  
Wellington, New Zealand  
Napoli, Italy  
Karsruhe, Germany  
Krakow, Poland  
High Atlas, Morocco  
Washington DC, USA  
Budapest, Hungary



### Resilience

Christchurch, New Zealand  
Murcia, Spain  
Florence, Italy  
Sassari, Italy  
Rimini, Italy  
Washington DC, USA



### Water management

Burgas, Bulgaria  
Hyderabad, India  
Mashhad, Iran  
Shiraz, Iran  
Bologna, Italy  
Calgary, Italy  
Cesena, Italy  
Florence, Italy  
Trentino, Italy  
Isfahan, Iran  
Puebla, Mexico  
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# EIT Climate KIC Spain Strategic Initiatives

## EIT Climate-KIC Spain



**Cena-debate con:  
DG ENV Daniel Calleja y DG IDDRI Teresa Rivera**  
*¿Cómo abordar la transición hacia la economía sostenible?* - Valencia, 2 de Marzo de 2017



## EIT Climate-KIC Spain



**GEO Ideator con:**  
**DG ENV Daniel Calleja y Directora IDDRI Teresa Rivera:**  
***La Economía Circular, una oportunidad para Europa***  
Valencia, 3 de Marzo de 2017



## EIT Climate-KIC Spain



**Día Internacional de los Bosques**  
Valladolid, Marzo 2017



**Plataforma Juntos  
por los bosques**

## **SOCC, Congreso Internacional de Cambio Climático**

Huelva, Mayo 2017



**Propuesta al Senado de Plan Acción Forestal**

# Ley de Cambio Climático y Transición Energética







## EIT Climate-KIC Spain



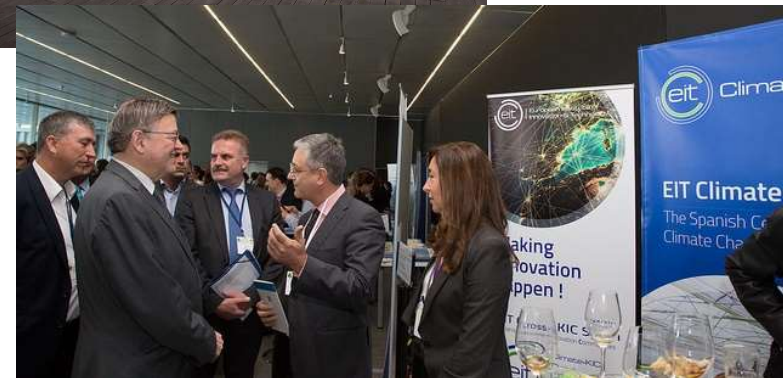
### GrowYourRegion DG GROW

Valencia, Noviembre 2017



### Valencia Capital Sostenible de la Alimentación

Valencia, Octubre 2017





**GEO Ideators**



**Proyectos**

**Geo Ideator H2020**  
**UT+SLU+SPS**  
Madrid- Diciembre 2016





**Geo Ideator SLU**  
**Focus SME&Emprendimiento**  
Castellón - Septiembre 2017



**GEO Ideators**



**Geo Ideator H2020 Retos 2, 3 y 5**  
Valencia Noviembre 2017

# EIT Climate-KIC Spain



**Brasil - High-Level Industry-Science-Government Dialogue on 'Atlantic Interactions – AIR Center**



<https://www.accionporelclima.es/la-plataforma>

 PLATAFORMA ESPAÑOLA DE ACCIÓN CLIMÁTICA  
COLABORACIÓN PÚBLICO PRIVADA

LA PLATAFORMA LAS CIFRAS ADHERIDOS BUENAS PRÁCTICAS INNOVACIÓN Y EMPRENDIMIENTO NOTICIAS

IMPLEMENTACIÓN DE LA AGENDA DE  
**ACCIÓN CLIMÁTICA GLOBAL**





<https://www.accionporelclima.es/la-plataforma>

PROMOTERS



Entities joined – May 2018

 Enagas	 TELEFÓNICA S.A.	 INDRA SISTEMAS	 EMASESA	 Gas Natural Fenosa	 DKV SEGUROS
 Contadores de Agua de Zaragoza S.A. (CONTAZARA S.A.)	 FERROVIAL	 IBERDROLA	 ACCIONA		



# EIT Climate-KIC Spain

## Antena de Galicia

19 de Diciembre de 2017



Conselleira do Medio Ambiente, Beatriz Mato





# EIT Climate-KIC Spain

## Ecosistema en Cantabria

05 de Junio de 2018



Gobierno de Cantabria, Ayto de Santander, Cámara de Comercio, Universidad de Cantabria, Empresas, Centros Tecnológicos



## EIT Cross-KIC Spain



Creación y 1ª reunion EIT CROSS-KIC  
Spain

Valencia, 9 de Mayo de 2016

# EIT Cross-KIC Spain



**Presentación EIT CROSS-KIC Spain  
Encuentro Anual CAETS\***  
Madrid, 15 de Noviembre de 2017



\* International Council of Academies of Engineering and Technological Sciences

**THANKS FOR YOUR ATTENTION!**



[climate-kic.org](http://climate-kic.org)

[www.climatekic-spain.org](http://www.climatekic-spain.org)



Climate-KIC is supported by the  
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