

Ciudades Circulares. Economía circular y Hábitat

José Luis Muñoz, Director de EIT Climate-KIC España
Valencia | 13/11/2019

A close-up photograph of a person's hands gently holding a small, young plant seedling. The hands are positioned above a dark-colored pot filled with soil and several other similar green seedlings. The background is softly blurred, showing more of the person and the pot. The overall lighting is natural and soft, highlighting the texture of the soil and the vibrant green of the plants.

EIT Climate-KIC addresses the
interdependent challenges of climate
change and sustainable development
through strategic innovation





Our
Vision

Our
Mission

To catalyse systemic change for
climate action



Our
Vision

Our
Mission

Transformation, in time,
through innovation

Theory of Change



Systems innovation

Leverage
Points



Learning
by Doing

Portfolio
Approach

Demand-led
Model



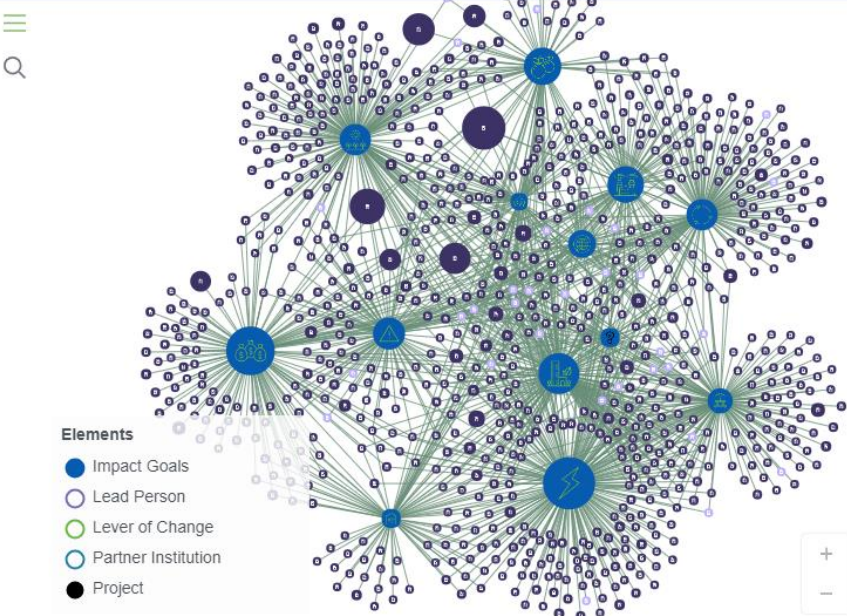
Portfolio approach

Data Community Tools

2016-2019 Portfolio

Filter By

- Levers of Change >
- Impact Goals >
- Country >
- Year >
- 2016 (94)
- 2017 (286)
- 2018 (309)
- 2019 (188)



Elements

- Impact Goals
- Lead Person
- Lever of Change
- Partner Institution
- Project

Welcome to the Climate KIC Ecosystem

How to interact with the Network

Search

Click on the magnifying glass near the top-left of the network to open a search box.

Type an element's name in the search box to find any elements in the network matching that name.


Click the element in the search box to highlight and zoom to that element in the network.

Only elements currently visible in the network will be searchable.

Element's Information


Size


- Projects:** The size of the project element's circle is determined by its total




powered by


Community: Hyperlocal and Place-based


 EIT Climate-KIC Locations


 Accelerators

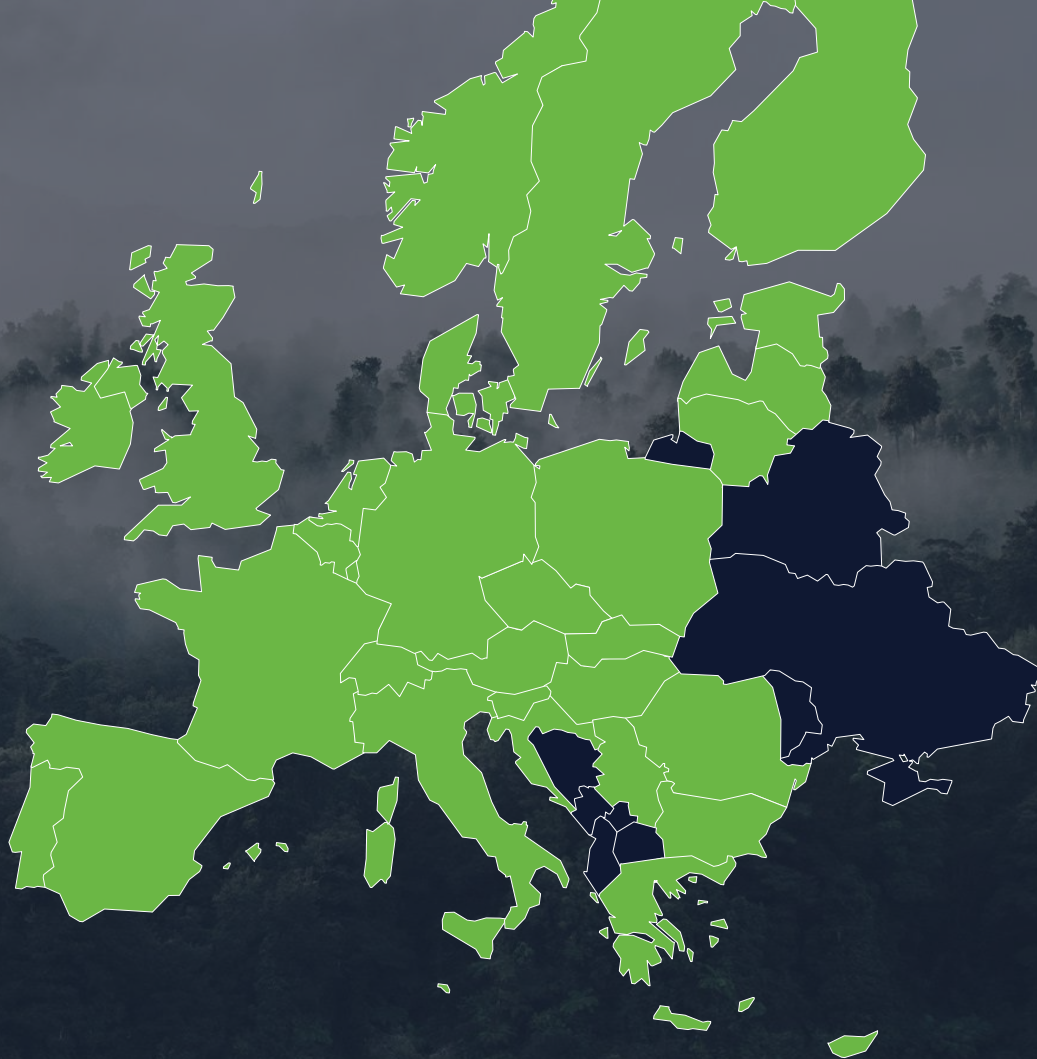
 Cross-KIC CLC

 Work on edge communities

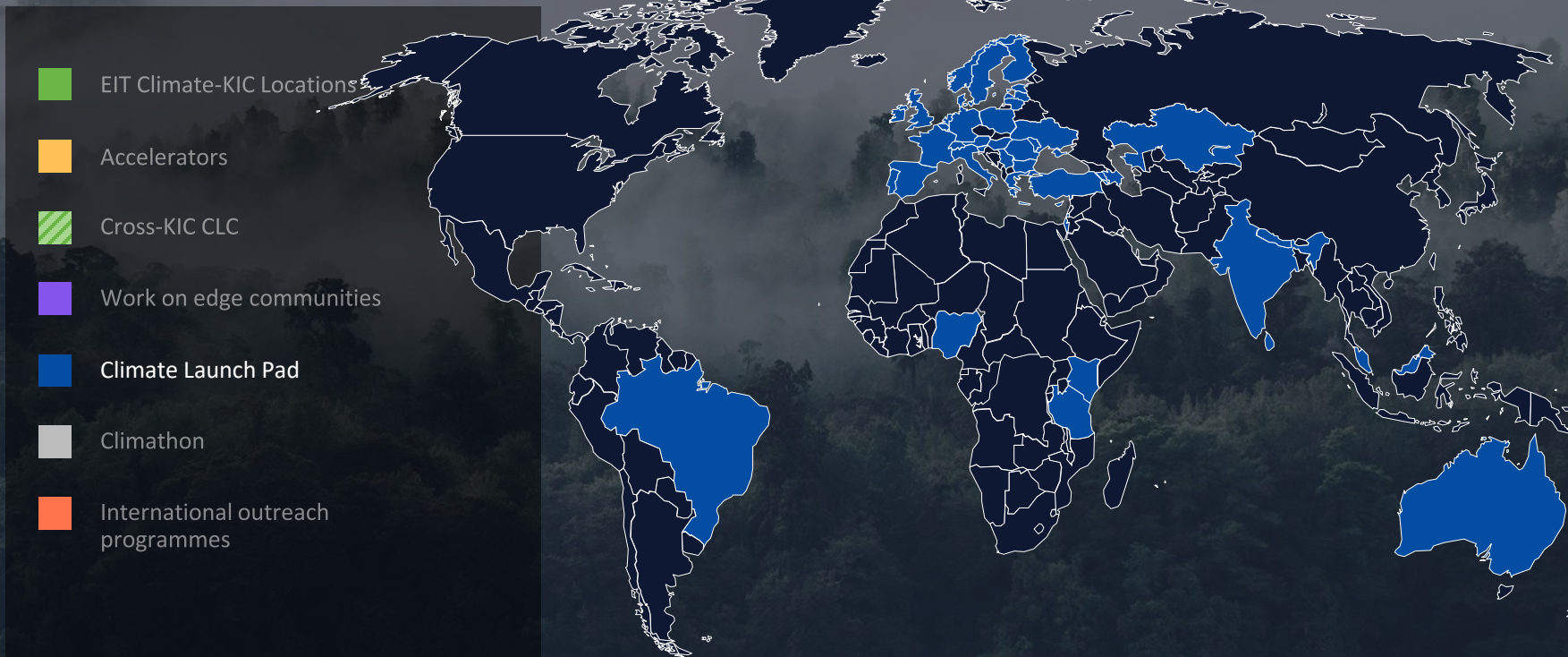
 Climate Launch Pad

 Climathon

 International outreach programmes



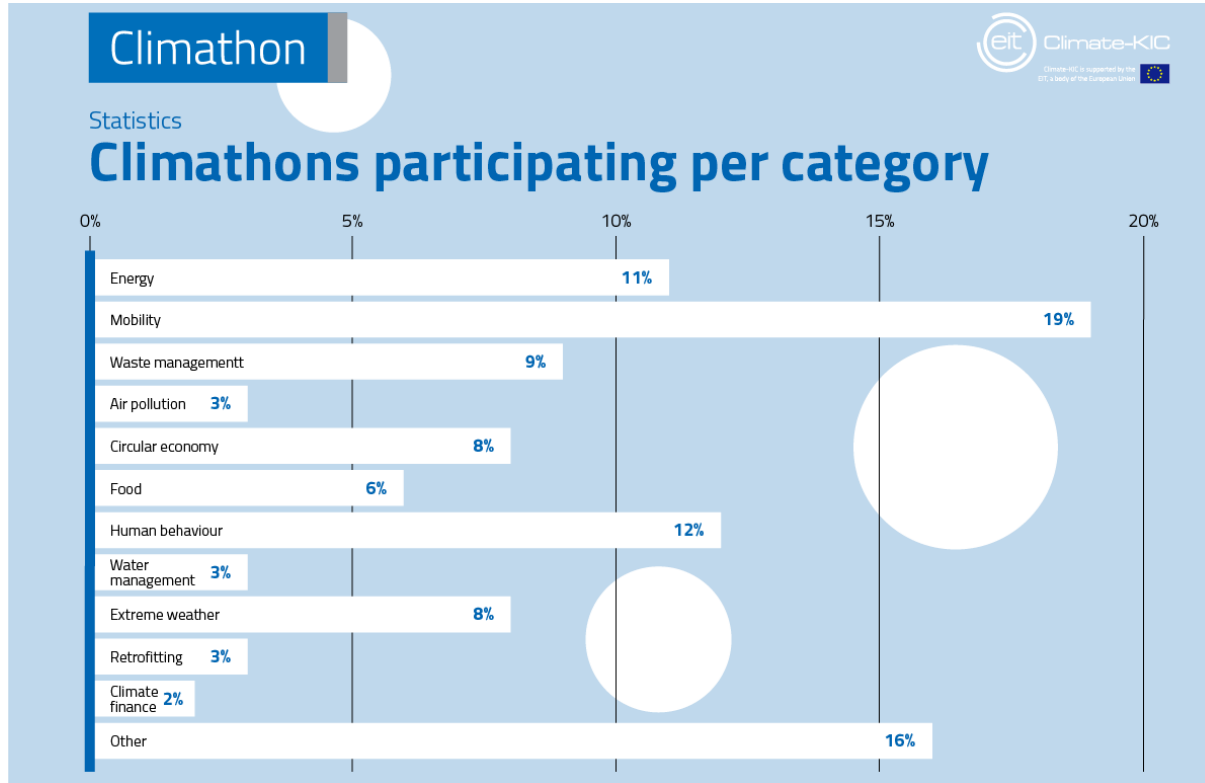
Community: Hyperlocal and Place-based



Community: Hyperlocal and Place-based



Variedad de temas y objetivos



Climathon 2019 - Lund (Suecia)



Centre for Environmental and Climate Research, LU @cec_lund · 25 oct. ✓
The #Climathon in Lund is on! 24 hours of innovative climate thinking and ideation for the construction industry. Lots of Lego and no sleep. Good luck all teams! @GlobalClimathon @ClimateKIC @CKICNordic @lunduniversity @sustforum_LU



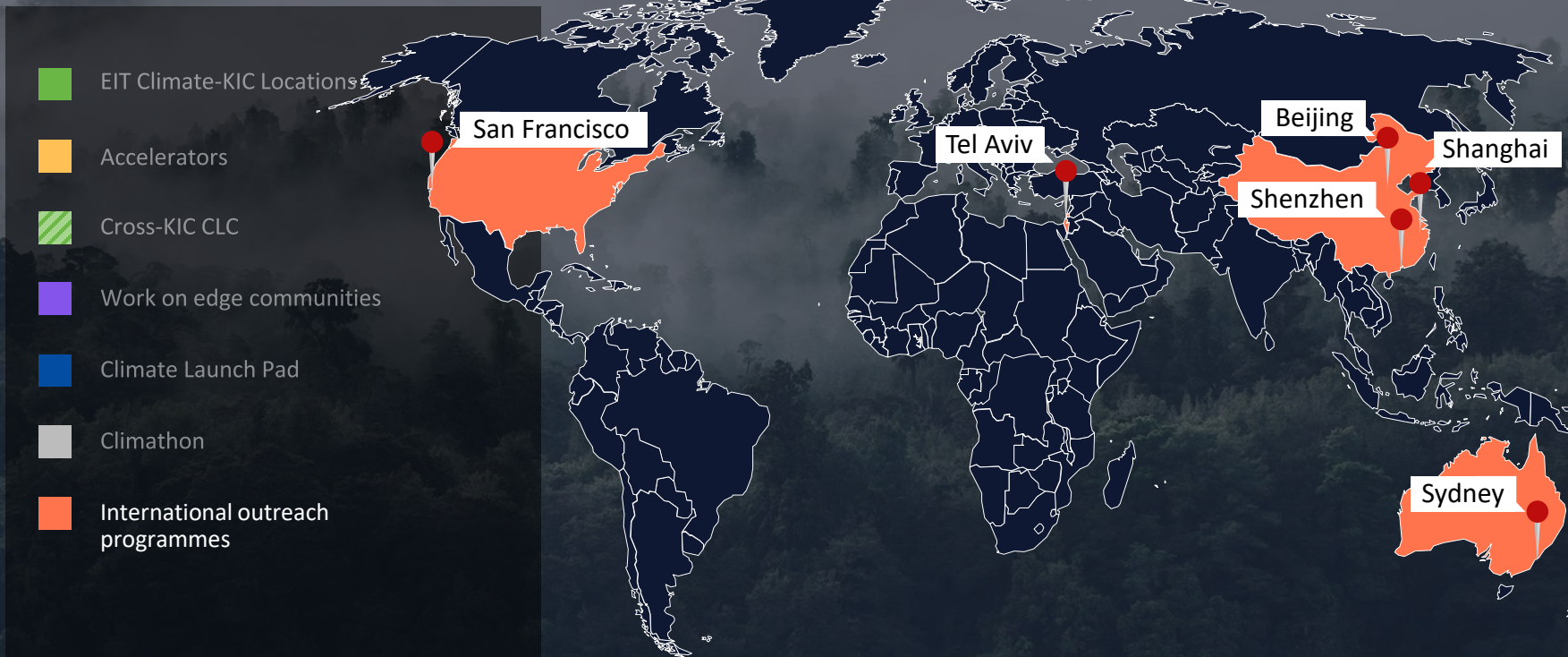
Reto

Queremos crear una ciudad en la que sus ciudadanos puedan desarrollar una vida sostenible y cuya expansión tenga el menor impacto climático.



LUND
UNIVERSITY

Community: Hyperlocal and Place-based



Overarching achievements

400+

leading
partners

>€930m

investment
attracted
to start-ups

>2,000

full-time jobs
created

17,000

participants in
tour education
activities

1400+

innovative
start-ups

€3.4bn

climate funding
leveraged

367

new products
and services

25

Climate Impact
Assessments completed
with Climate Impact
Potential Assessment
911,000 tCO2

EIT Climate-KIC Partners



Core Partners



Configurando la política europea y las prioridades de la economía circular...



CICERONE

COORDINADO POR  Climate-KIC

24

SOCIOS

14

PAISES

93

RESPALDOS



Encuesta acerca de los programas de EC

- El sector de la construcción, como un **sector clave** para la EC
 - El 40% de los programas analizados lo tienen como "*target sector*".

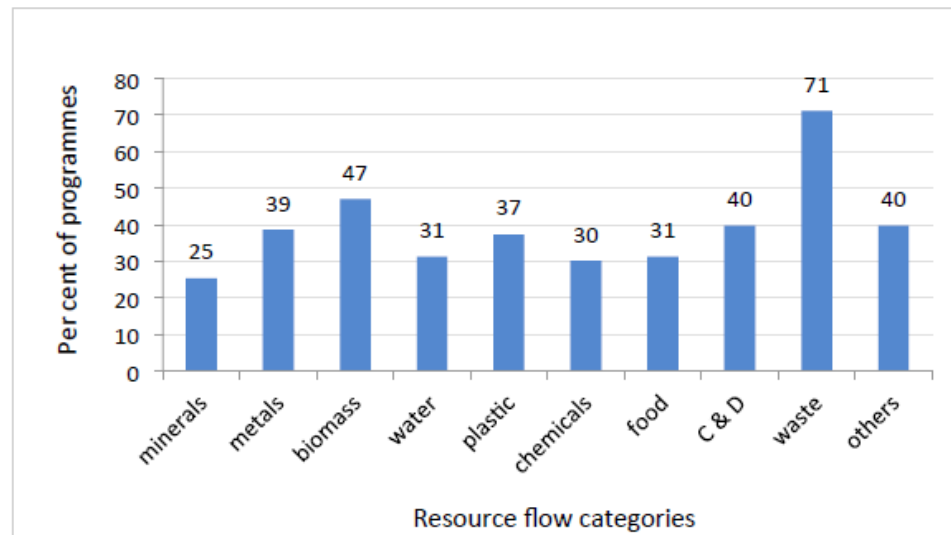



Figure 5: Shares of programmes covering different resource flows

N=83.

Nota: C&D = Construcción y Demolición.

Fuente: En la etapa inicial de CICERONE, se ha realizado una encuesta para obtener información acerca de 104 programas de financiación de EC (abarca 26 países y también de la UE como entidad política). Todavía no publicado.



Madrid



Circular Economy Platform
CICERONE Project



POLITÉCNICA

UNIVERSIDAD
POLITÉCNICA
DE MADRID

Eslovenia

En Eslovenia trabajamos con el gobierno nacional y reunimos a seis ministerios para diseñar un concepto holístico de economía circular.

Transformación justa de la industria y de las regiones carboníferas....

Polonia

Alta Silesia, los propietarios de los problemas son las autoridades municipales y regionales, que exploran la posibilidad de asociarse en la región de Konin.

Italia

Emilia Romagna, se centra en el cambio climático y la calidad del aire, explorando la expansión hacia el Valle del Po.

España

Cooperativa Fagor en el País Vasco, hacia un valle Mondragón cero carbono

Bulgaria

Enlace con CleanTech Bulgaria para identificar una región clave o desafiar al propietario en la región suroccidental y posiblemente al Ministerio de Medio Ambiente.



Madrid

Reinventing Madrid

C-40

Reinventing
Cities

C40
CITIES
Global Leadership



desarrollo urbano
sostenible

Dirección General de
Planificación Estratégica

MADRID



Climate-KIC

Barcelona



Barcelona 10th May
Climathon-Bacardi meeting



CLIMATE
INFRASTRUCTURE
PARTNERSHIP

CIP Forum, Barcelona 4-5th Mar



Deep Demonstration in Maritime Hubs

#SuperLabPorts

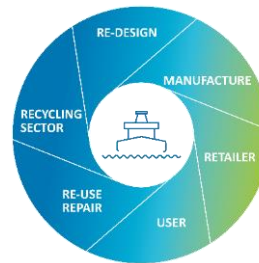
Valencia Port



LOOP-Ports
Circular Economy Network of Ports

LOOP-Ports project is funded by the EIT Climate-KIC initiative in the framework of the "SUSTAINABLE PRODUCTION SYSTEMS"

LOOP-Ports aims to facilitate the transition to a more circular economy in ports through the creation of a Circular Economy Network in ports that will provide an innovation ecosystem around the port activity and stimulate circular economy initiatives in European ports



13 partners from 6 European Countries

| | |
|---------|-------------|
| France | Netherlands |
| Italy | Denmark |
| Germany | Spain |

27 Port Authorities
4 Public Authorities
2 Port Associations
2 Industry Associations
from 13 European Countries

+450 ports analysed
7 business models
3 training pilots
1 web tool 30 workshops

(All the port stakeholders are invited to participate in the network)

Join now the Circular Economy Network of Ports!
You will gain access to valuable information!
More information:
www.loop-ports.eu



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



ZRR4Waste

Artificial Intelligence robotics to automate waste sorting

- **STAGE:** Training and testing a ZRR2 robot to automate and improve municipal waste sorting methods
- **IMPACT:** If successful, the robot could increase recycling rates by up to 14%, reducing the need for complex pre-processing of waste
- **SCALE:** First deployment of the technology at a waste treatment plant in Catalonia, Spain, that treats 400000 tons of waste per year. The plant provides services to the Metropolitan Area of Barcelona, that occupies 636km² and has more than 3.2 million inhabitants



Material Economics Report

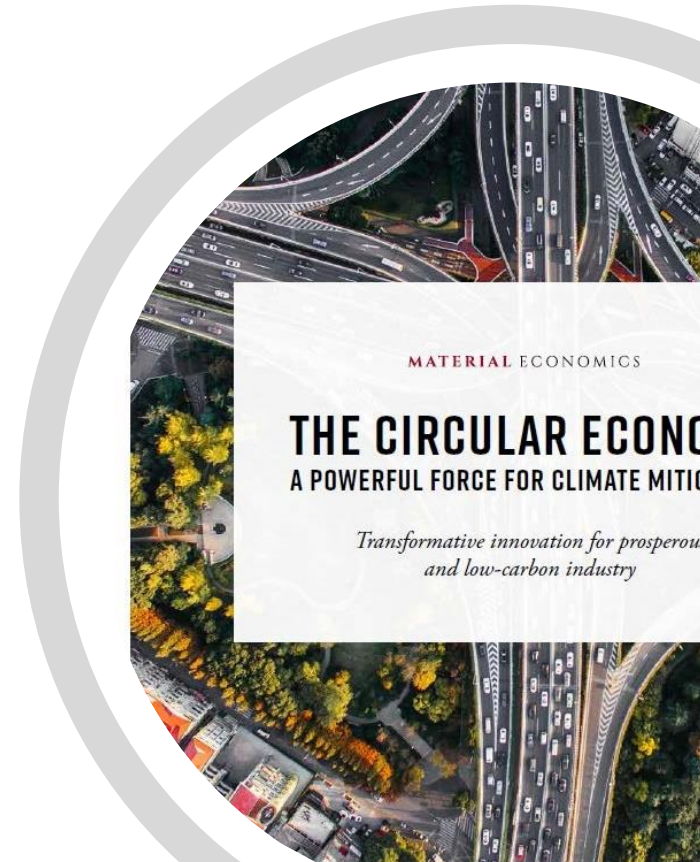
The Circular Economy: a Powerful Force for Climate Mitigation

Analysis from this ground-breaking analysis, sponsored by EIT Climate-KIC, finds that the circular economy could make it possible to keep global warming below 2°C.

The key conclusion is that a more circular economy can make deep cuts to emissions from heavy industry: in an ambitious scenario, as much as 296 million tons CO₂ per year in the EU by 2050, out of 530 Mt in total – and some 3.6 billion tonnes per year globally.

Making better use of the materials that already exist in the economy could take EU industry halfway towards net-zero emissions.

This project has been carried out by Material Economics, with the support of EIT Climate-KIC, ClimateWorks, Ellen MacArthur Foundation, Energy Transitions Commission, European Climate Foundation, MAVA Foundation, and SITRA



I Encuentro Nacional de Estrategias en Economía Circular – Santander 15 octubre 2019

Organizadas junto a la Cámara de Comercio de Cantabria y SODERCAN Sociedad para el desarrollo regional de Cantabria

- Representantes y expertos de la materia con el objetivo de alinear las estrategias de economía circular existentes en toda la geografía española con la de Europa.
- Por la tarde, se reunió el ecosistema de Economía Circular de la Cantabria, un encuentro que tuvo por objetivo impulsar el diálogo sobre la economía circular en la región



Galicia

EIT Climate-KIC
Start-ups & Media

eit Climate-KIC



Start-ups & Media

EIT Climate KIC Antenna Galicia

PROMOTERS



| | | | | | |
|--|---------------------|--------------------|-------------|------------------------|-----------------|
| 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 | | |

Entities joined – May 2018

THANKS FOR YOUR ATTENTION!



climate-kic.org

www.climatekic-spain.org



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



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