



Cities in the Circular Economy - City of Tomorrow

How to use Circular Economy as a Planning tool in the Municipalities for strengthening capacity for systemic innovation



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



We educate the next generation of **Climate entrepreneurs and change makers**



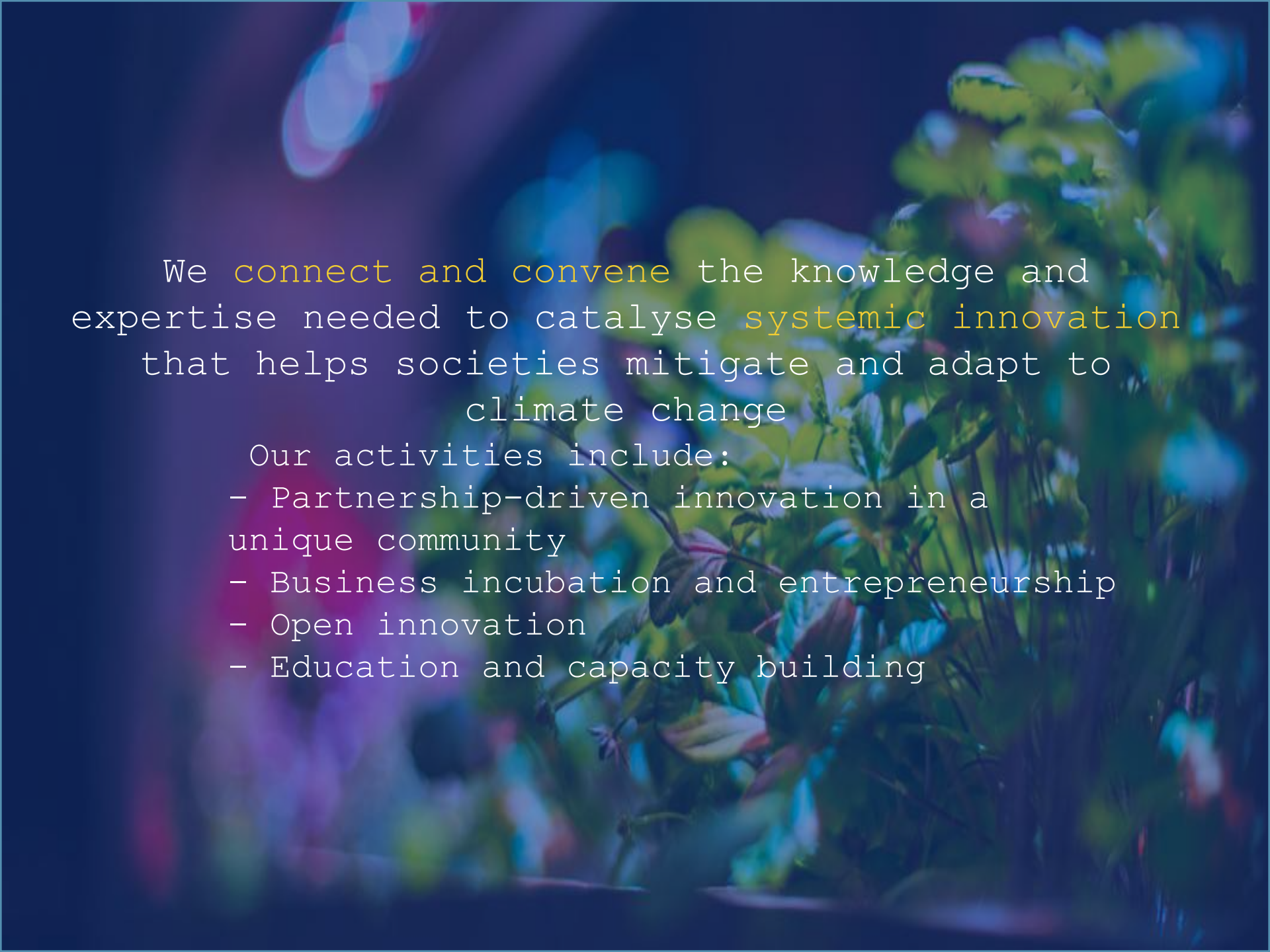
We bring together partners from academia, business and cities/regions on major **innovation projects**



We run the **world's largest climate change start-up accelerator**

The EIT Climate-KIC Partnership Community





We connect and convene the knowledge and expertise needed to catalyse systemic innovation that helps societies mitigate and adapt to climate change

Our activities include:

- Partnership-driven innovation in a unique community
- Business incubation and entrepreneurship
- Open innovation
- Education and capacity building



There is intense debate about how to **close the gap** between current climate policy and the long-term goal of the Paris Agreement: an economy with net zero emissions. The substantial process emissions from the **production of materials** such as steel, cement, plastics and aluminium is not yet addressed.

Why Cities should embrace Circular Economy?

PROXIMITY

Urban areas lend themselves particularly well to circular business models. This is due to the close proximity of citizens, retailers and service providers

SYSTEMS

Operational and strategic benefit that can building capacity for transformative innovation at a systems level

GROWTH

Increase jobs and diversity businesses , create innovation and more resilient cities with a lesser environmental footprint

CULTURE

If the municipalities can get the people who are the entrepreneurs, creators and makers – the early adopters – interested, then Circular Economy tends to spiral and is picked up more broadly

How can Circular Economy work as a Planning tool in the Municipalities

Most municipalities have a vision and strategy for how they will develop in the future. Visions help shape direction and give identity in plans and policies. A good vision makes it clear what the administrations need to vision for when the efforts are to be designed in everyday life. For the individual targets in the municipality, specific goals can be set and indicators are set. Circular economy is a strategic overall view that can help exploit the potential of the municipality's vision.

The circular economic thinking helps innovate because the municipality is going to have a long term perspective and because it basically is about how things can be made easier, smarter, cheaper and more resource efficient

Circular Cities Project

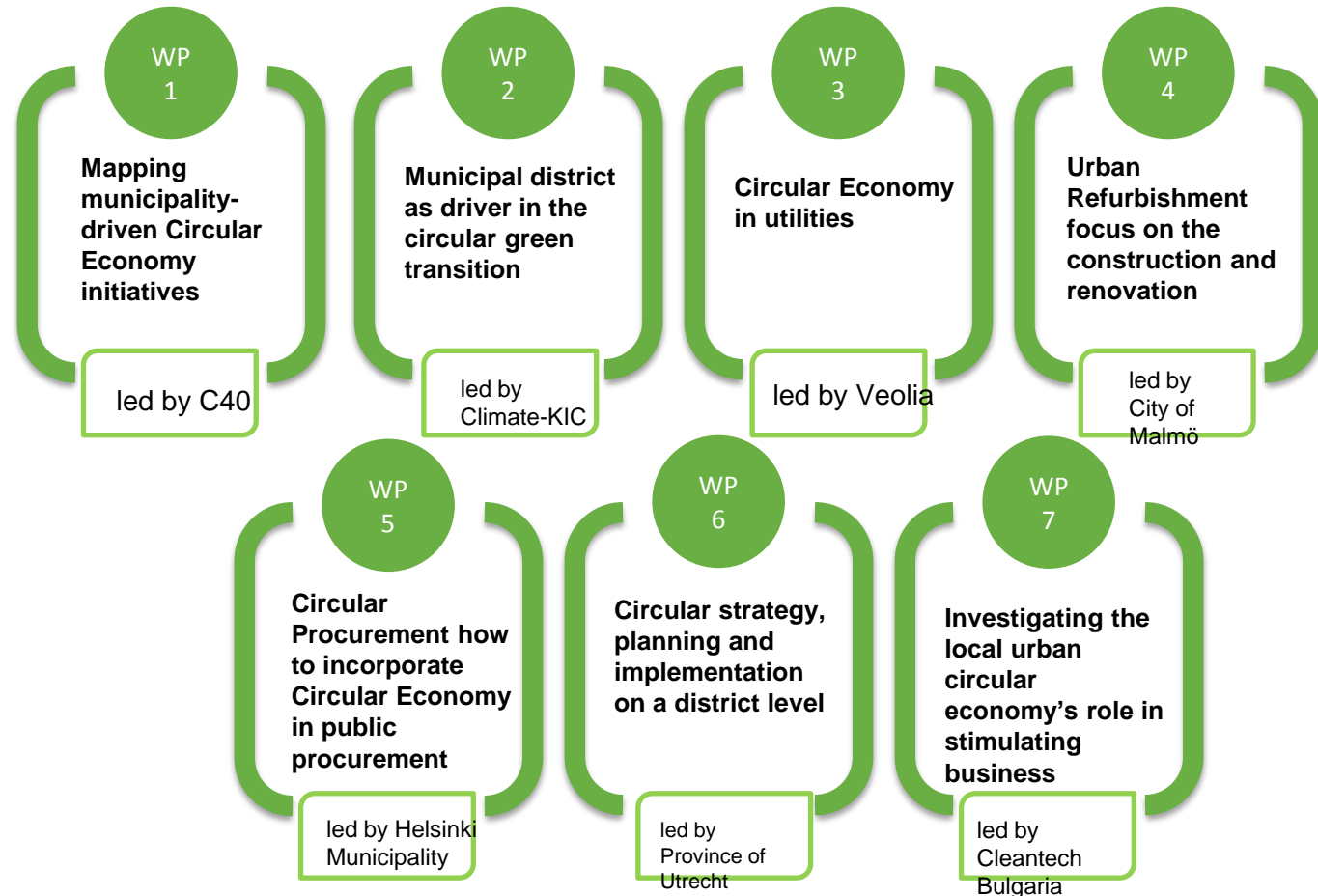
Objective

Facilitate collaboration and learning between businesses, researcher, political and administrative spheres with the intention of implementing Circular Economy principles into the city administration's day to day operations as well as the city's systems

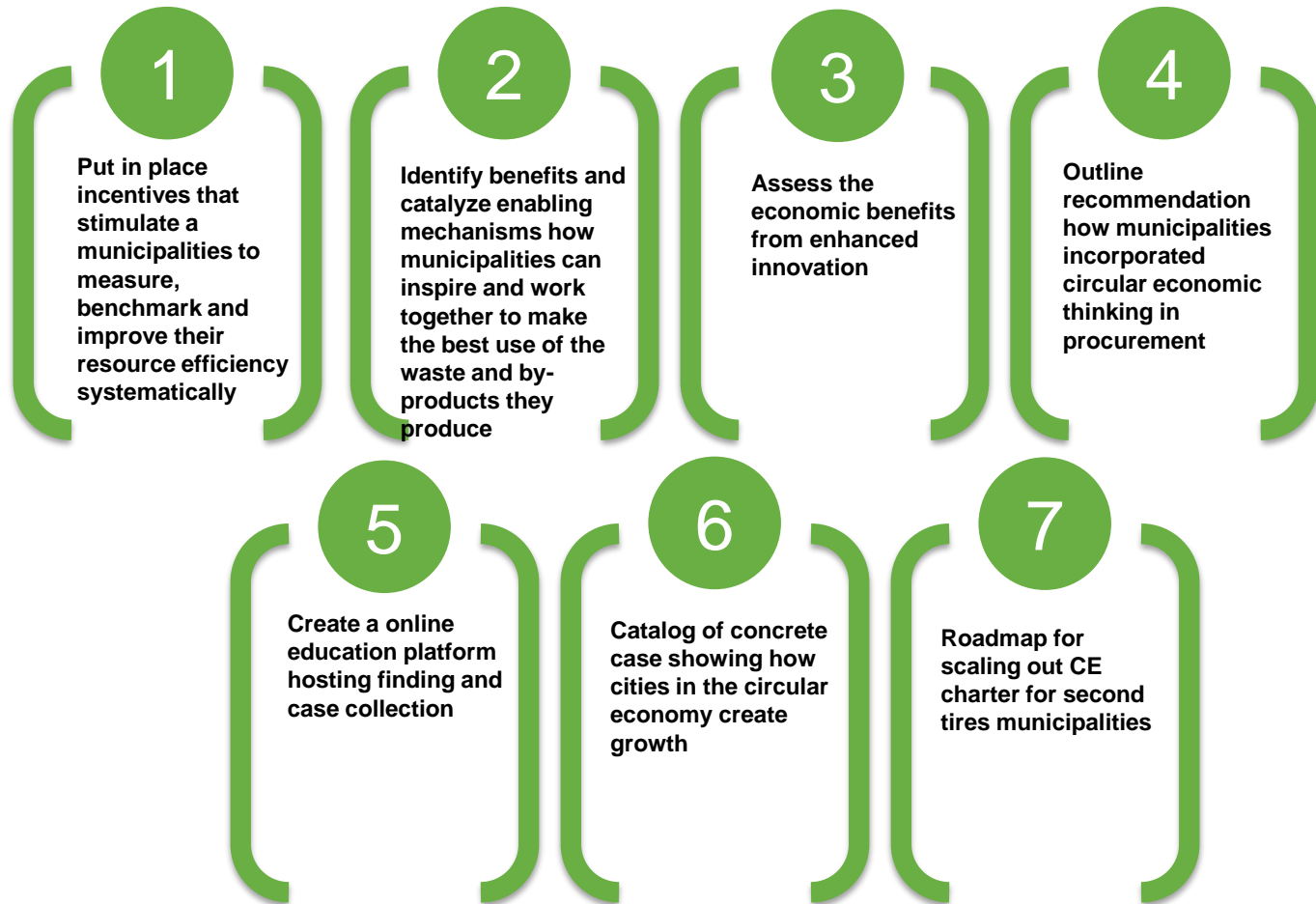
Tool

The Circular Cities project offers a knowledge exchange platform for both pioneering first mover cities and cities closely following behind with regards to embedding Circular Economy

Work packages for the Cities in the Circular Economy



Expected Output of the CE Charter for Municipalities



Climate KIC Consortium partners



Copenhagen
Municipality


Malmö
Municipality


Helsinki
Municipality


Province
of
Utrecht

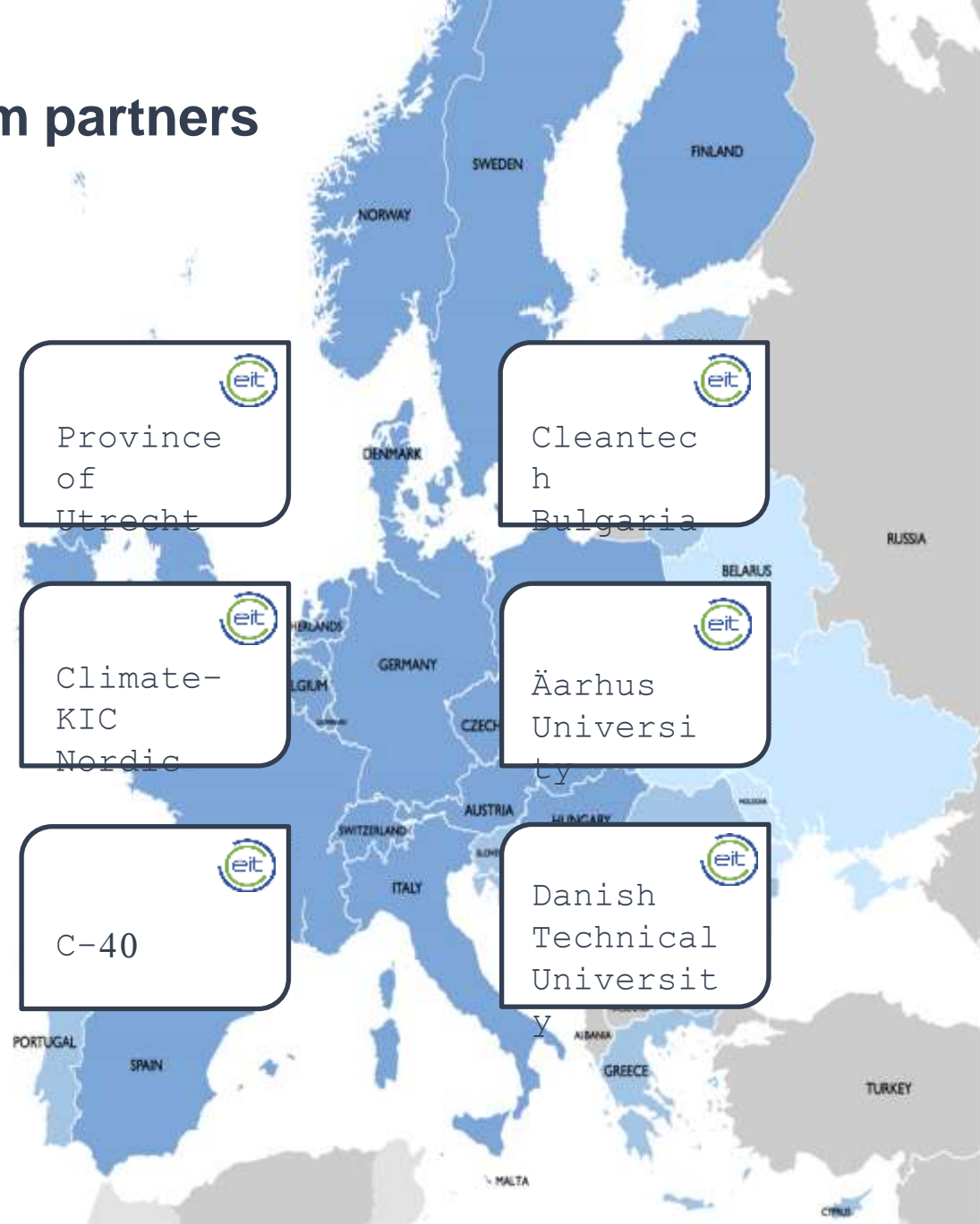

Climate-
KIC
Nordic


C-40


Cleantech
Bulgaria


Århus
University


Danish
Technical
University



Climate KIC Consortium

Other Third Parties – Advisory network (Not subcontracted organisations)

Central Denmark Region

Ellen MacArthur Foundation

European Enterprise Network

Other Third Parties (Not subcontracted organisations)

City of Lusaka, Zambia

Municipality of Swakapomund, Namibia

City of St. Petersburg, Russia

Nanyang Technological University (NTU),
Singapore

City of Kristiansand and Business
Region Kristiansand

Avfall sør, City of Kristiansand

Utility company



Expected Output of the CE Charter for Municipalities

The benefits of a circular economy for municipalities are not merely operational but strategic and serve as sources of both efficiency and innovation. A multi-municipality stakeholder community of 6-8 Circular Economy Champions and 3 fast follower cities will be created with the purpose of taking lead of outline a practical CE Charter for Municipalities, the charter could consist of:

- 1) Put in place incentives that stimulate a municipalities to measure, benchmark and improve their resource efficiency systematically
- 2) Identify benefits and catalyze enabling mechanisms how municipalities can inspire and work together to make the best use of the waste and by-products they produce
- 3) Assess the economic benefits from enhanced innovation
- 4) Outline recommendation how municipalities incorporated circular economic thinking in procurement
- 5) Create a online education platform hosting finding and case collection
- 6) Catalog of concrete case showing how cities in the circular economy create growth
- 7) Roadmap for scalling out CE charter for second tires municipalities



climate-kic.org

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The EIT is a body of the European Union

Climate KIC Consortium partners

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