



World Circular Economy Forum | Accelerator Session
(Featuring 6th OECD Roundtable on the Circular Economy in
Cities and Regions & EIB C3 Launch Session)



**Circular
Cities & Regions
Initiative**

**Cities & regions getting
ahead with the circular
transition**

*18 April 2024, 09:30-15:15 CEST
Brussels, online*

Time	Agenda item
09:30 – 11:00	Opening session – The Circular Cities and Regions Initiative (CCRI): Moving forward together <ul style="list-style-type: none">• Working together for accelerating the circular transition: the CCRI – Lucie Blondel• Getting the finance right: launch of the continuation of the EIB’s Circular City Centre – Desislava Krалеva, Jonas Byström, Maria Blanco Herbosa, Lieve Van Espen• Getting the governance right: insights from OECD case studies – Aziza Akhmouch, Meindert Stolk, Anne-Marie Jean, Anders Riise• Moving ahead to best support cities and regions – Lucie Blondel, Jesús Ángel Díez Vázquez
11:05 – 11:30	Networking coffee break
11:30 – 12:30	Roundtable #1 – Circular economy transition in EU: Where do cities and regions stand? (Facilitated by the OECD)
12:30 – 13:30	Networking lunch
13:30 – 14:30	Roundtable #2 – How to demystify finance for circular economy projects? (Facilitated by the EIB)
14:30 – 15:15	F2F matchmaking – Connecting cities/regions’ projects with potential partners and/or investors (Facilitated by the CCRI Office) <ul style="list-style-type: none">• Elevator pitches Get to know who is in – Mireia Ferri, Simo Karetie, Serena Lisai, Alina Mures, Anna Tenhunen-Lunkka• Matchmaking session Meet your match



The Circular Cities and Regions Initiative (CCRI): Moving forward together



Working together for accelerating the circular transition: the CCRI

*Lucie Blondel, European Commission, DG Research and
Innovation*

Why research & innovation (R&I) is needed

- The **transition to circularity is underway, but complex**. It requires novel materials and products with new design, new technologies and production processes, as well as new business and governance models. R&I can trigger those necessary changes!
- The **European Commission has a central steering role to play in triggering research and innovation**, strengthening investment, boosting skills and capacities, and supporting cases for a circular systemic transition.

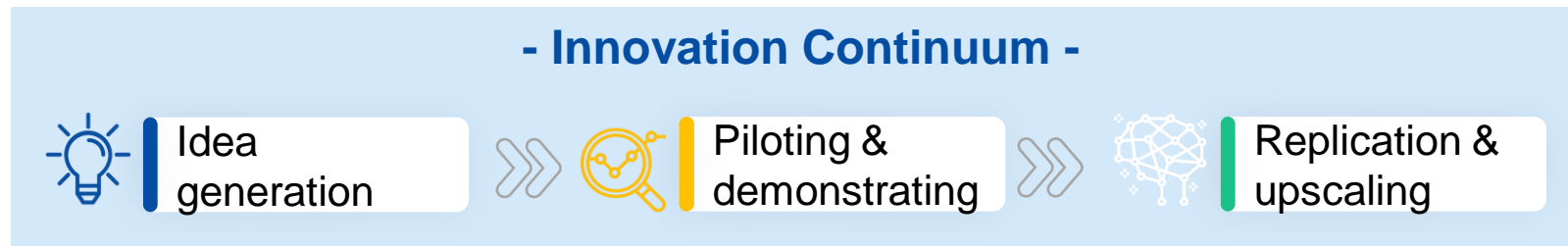
About the policy framework



- Circularity is an **R&I priority, anchored in the Green Deal and its related Action Plans**, which were game changers for industry and consumers alike.
- Recent and upcoming circular economy policies **focus on value chain integration, digitalisation and data management** (e.g. digital product passport).
- The civil society, innovative use models and territorial solutions become more important in EU policy developments (e.g Ecodesign for Sustainable Products Regulation, Waste Framework Directive).
- Horizon Europe (EU R&I Funding Programme) helps to fill in the knowledge gaps, notably to validate and support legislative proposals with evidence. Horizon Europe projects facilitate the **experimentation of solutions at scale on the ground**.

What the CCRI aims at

- Identifying drivers & barriers to territorial innovation
 - Encouraging on-the-ground experimentation, supporting pilots and demonstrations
 - Highlighting promising (replicable) solutions, suggesting practical steps forward, preparing for full-scale territorial deployment
- ▶ ▶ **Structuring and maturing cities' circular projects to a stage where they become scalable, bankable and therefore, truly impactful**



What the CCRI offers

- A **convening platform and community** within which innovation can flourish.
- Our **playground where we can experiment together how local systemic solutions can work best.**
- **Fair support for cities/regions** on their challenging CE journey.
- A **space for in-depth knowledge-sharing**, but also for reflection exercises.
- **Facilitated connections** with relevant circular economy partners (incl. support providers, investors, technology providers...)



Circular
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Initiative

About the CCRI partners

The CCRI has teamed up with strategic partners like the EIB, the OECD, and many others **to diversify and consolidate its support offers**, but also to **amplify impact and reach**.

- With the OECD – to support cities/regions in *getting their circular governance right* (10 cities and regions supported, thematic reports, interactive roundtables).
- With the EIB - to support them in *getting their finance right* (advisory support under Circular City Centre – C3).

To date, 115 European cities and regions and 278 organisations are involved in the initiative or related projects to advance their circular transition.



Future perspectives

- Consolidation of the CCRI “Support Menu”
- Further multi-stakeholder dialogues on R&I gaps and support needs (value-chain approach)
- Further support for facilitating collaborative project clusters to sustain the R&I knowledge created, even beyond their project duration
- Finetuning of the CCRI initiative as a whole





Getting the finance right: launch of the continuation of the EIB's Circular City Centre

Getting the finance right: launch of the continuation of EIB's Circular City Centre – C3

18 April 2024





1

Circular City Centre – C3 The pilot



The pilot



The Circular City Centre - C3 is a **competence and resource centre** within the EIB, which supports EU cities in their **circular economy transition**

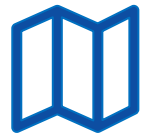
C3 was developed and tested in a **pilot phase** with support from the **European Investment Advisory Hub**, in cooperation with **Circle Economy**

C3 will continue under financing from the **European Commission (DG RTD)** for the 2024-27 period

C3 is an initiative within the framework of the Commission's **Circular Cities and Regions Initiative**

All C3 services are provided **free of charge** to **municipalities** and other public sector **promoters** acting on their behalf

The pilot



New documents and other resources

4 guidance documents developed and published



Knowledge sharing and awareness raising

4 webinars delivered

Dedicated C3 webpage

Networking / Cooperation



Circular City Advisory (CCA)

3 programmes developed

7 CCA graduated cities



Findings and learnings from the pilot



Circular economy is a relevant and pertinent topic for **cities**

Cities are at very **different levels of progress** with regard to circularity – some of them are just starting, while others have already accumulated experience in this area

The **capacities at local level** are often limited – circularity is a **transversal topic** dealt with across departments. There is rarely a dedicated Circular economy responsible

A **market assessment** was undertaken at the end of the pilot to better target C3's services during its continuation

On the basis of the market assessment and learnings from the pilot, a **new, refocused and enhanced phase of C3 is now being launched**



2

Circular City Centre – C3 The continuation



C3 - the continuation



The Circular City Centre (C3)

Work stream 1:
CE Awareness
Raising &
Mobilisation

Work stream 2:
CE Knowledge
Sharing &
Dissemination

Work stream 3:
Circular City
Advisory (CCA)

Work stream 4:
Circular Project
Advisory

CCA 1 – Preparation of CE strategy

CCA 2 – Development of CE project pipeline

CCA 3 – Development of CE projects

4 complementary workstreams

The new **Work stream 4** offering **project focused advisory** will increase the C3 ability to **help cities advance projects** towards **financing and implementation**

More information about C3 can be found at the [C3 webpage](#)

C3 - the continuation



Workstream 1 - Circular economy awareness raising and mobilisation

Developing **guidance documents** on topics of general interest and relevance

Preparing **e-learning tools, on-line courses**, etc. as complement to the guidance documents

Developing **new case studies** presenting good circular practices that can inspire action, etc.

Workstream 2 - Circular economy knowledge sharing and dissemination

Sharing and dissemination of **circular information and knowledge** through **webinars** to present new C3 guidance documents and other circular topics and themes.

Organising C3 **roundtables** for C3 CCA alumni and potentially other interested parties.

C3 - the continuation



Workstream 3 – Circular City Advisory (CCA)

Bilateral advisory support organised in **3 programmes** adapted to cities' different levels of progress with regard to CE

Each programme comprises **4 workshops**, with various tasks to be completed by cities between / in preparation for workshops

Each programme takes **4-6 months**

Requires cities' active involvement

The CCA programmes are not mutually exclusive – a city can benefit from **more than 1 CCA**

C3 - the continuation



Workstream 4 – Circular Project Advisory (CPA)

Bespoke **project-focused advisory support** to CE projects to facilitate their access to financing

The support is **flexible** and is to be designed in line with projects' individual needs

The format of support is **bilateral advisory assignments**. A **contract** is signed between EIB and the cities. As all C3 services, the support is **free of charge** for cities.

Preference for relatively **mature** and **sizeable** projects

The services are going to be delivered by **mixed teams** including EIB sector experts and external consultants

WS4 is conceptualised as **logical follow-up** of the most advanced programme under WS3, but standalone projects are welcome



C3 - the continuation



Learn more and get involved

The Circular City Advisory (CCA) and the Circular Project Advisory (CPA) programmes are provided free of charge to cities and other public sector promoters acting on their behalf. You can find out more about the [CCA programme here](#)  and the [CPA programme here](#) .

How to apply for the CCA or CPA programmes?

If you want to participate in the CCA or CPA programmes, please fill in and submit these forms: [CCA](#)  [CPA](#) . Following receipt of the forms, the C3 team will get in touch with you to discuss the programmes that are best suited to your needs.

For further information or assistance, please [contact us](#).



Thank you for your attention!

For further information, visit the [C3 webpage](#)

or

contact us directly at C3@eib.org





leuven



City of Leuven

Lieve Van Espen, Project Coordinator

C3 & CIRCULAR CITY LEUVEN

Cities and regions
getting ahead
with the circular transition

WCEF2024 Brussels



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Circular City Leuven

- 2019 CIRCULAR ECONOMY STRATEGY
+ quadruple helix stakeholder platform

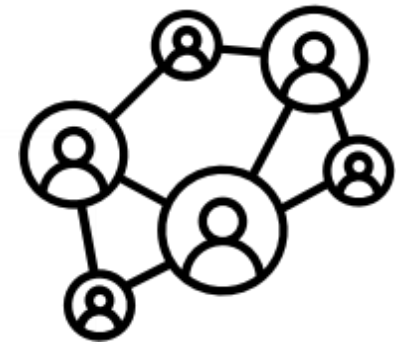


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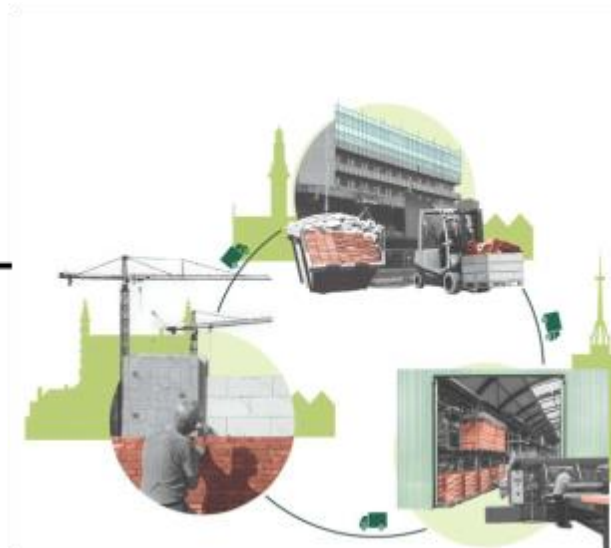
- 2020 PILOT PROJECT INCUBATOR



- 2022 CIRCULAR HUB



- 2024- CLIMATE CITY CONTRACT
'impactful scaling up'



Circular City Leuven

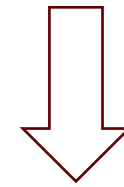
■ 2019 CIRCULAR ECONOMY STRATEGY
+ quadruple helix stakeholder platform

■ 2020 PILOT PROJECT INCUBATOR

■ 2022 CIRCULAR HUB

■ 2024- CLIMATE CITY
'impactful scaling up'

experiments
grants



x impact

business models
+ equity / debt /
alternative (green) funding

Circular City Leuven

C3 Circular City Centre

- ICLEI CCD signatory
- CCRI fellow city
- Circular City Advisory Programme (C3)



Circular City Leuven

C3 Circular City Advisory programme

- **circular projects pipeline**
maturity, impact, critical factors
city-wide scale
- **project implementation**
screening / due diligence
financing & advisory
- **+ flexibility - city's needs**



Circular City Leuven

C3 outcome

- financing needs
- network & opportunities
- EIB framework loan tbc 2024-2028
 - ◆ flexible credit line
 - ◆ CE higher on internal agenda
 - ◆ appraisal mission May / June



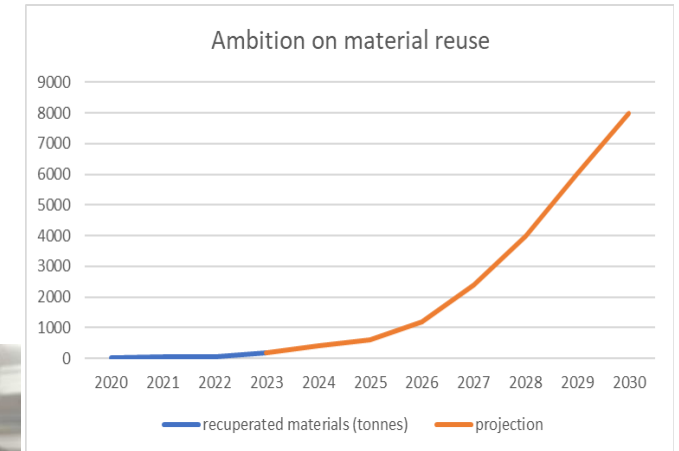
Circular City Leuven



mid & long term ambitions & C3 support

implementation of climate city contract projects:

- focus: built environment & urban mining, plastics
- financing
 - scaling up materials bank
- advisory services
 - CE company
 - research park Leuven N

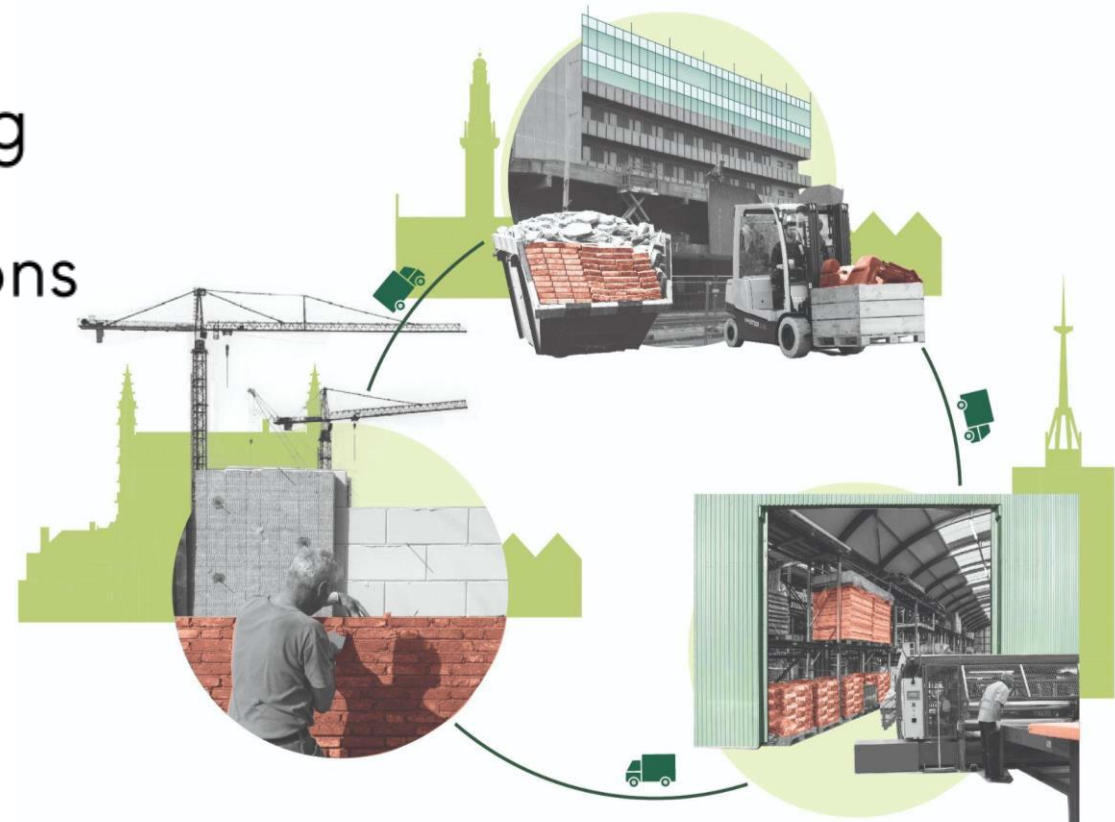


Circular City Leuven

next steps C3 CCA3

further development CE projects to access financing

- deep-dive selected projects
- improve soundness - access financing
- screening process financing institutions
- lead-on to financing opportunities





Thank you!

Lieve Van Espen

Circular Economy Policy Advisor

City of Leuven (B)

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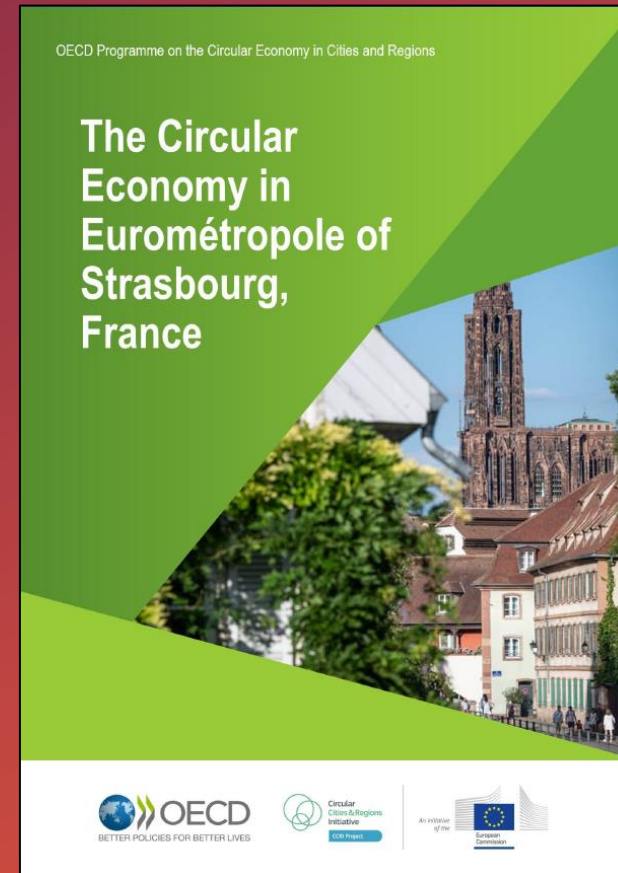
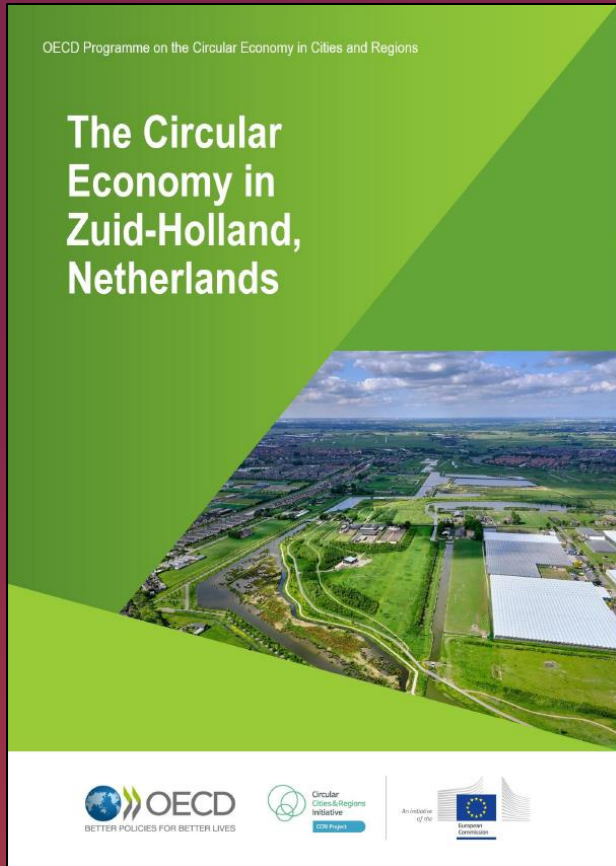
Getting the governance right: insights from OECD case studies



Organisation for Economic Co- Operation and Development (OECD)

Aziza Akhmouch, Head of Division

Read the case studies





provincie
Zuid-Holland



Zuid Holland

*Meindert Stolk, regional minister of the
Province of South-Holland*

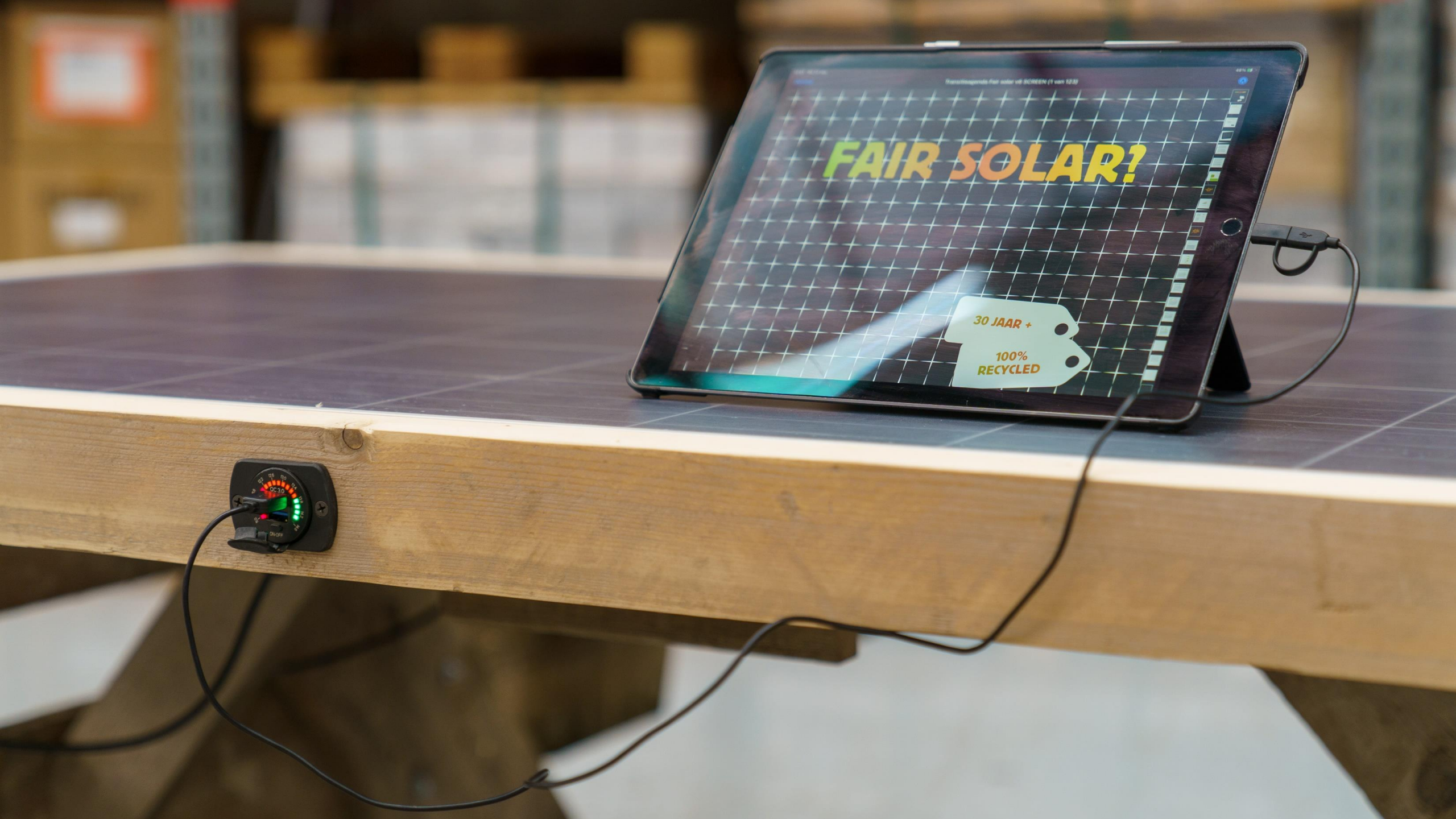


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FAIR SOLAR?

30 JAAR +

100%
RECYCLED







**BLUE
CITY
LAB**







This table is made from Amsterdam Canal Plastic



provincie
Zuid-Holland











provincie
Zuid-Holland

The logo consists of a green rectangular box containing the text "Strasbourg.eu" in a large, white, sans-serif font. Below it, the word "eurométropole" is written in a smaller, white, sans-serif font. A small white circle is positioned to the right of the text.

Strasbourg.eu
eurométropole

A decorative graphic on the left side of the slide features several overlapping circles in various shades of purple and blue. One prominent circle is a dark blue ring.

Eurométropole de Strasbourg,

Anne-Marie Jean, Vice-Président



Møre and Romsdal
County Authority



Møre and Romsdal

Anders Riise, County Mayor



Moving ahead to best support cities and regions

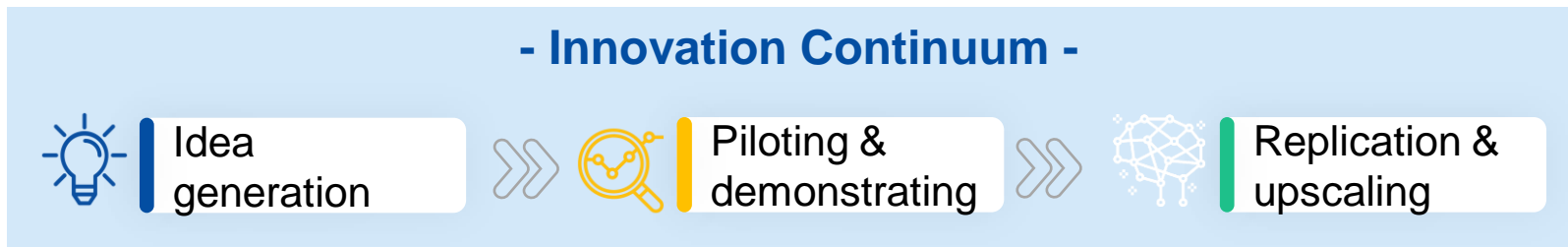


Introduction to the Circular Cities and Regions Initiative Offers

*Lucie Blondel, Policy Officer, European
Commission, DG Research and Innovation*

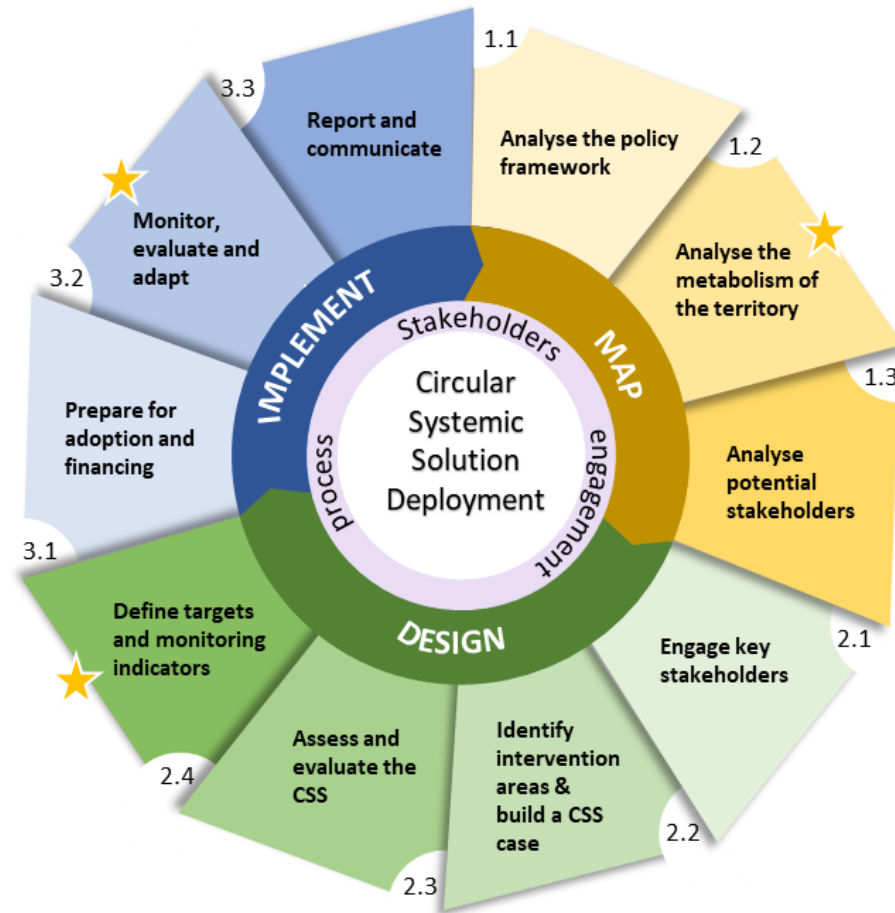
What the CCRI is about?

- Identifying drivers & barriers to territorial innovation
 - Encouraging on-the-ground experimentation, supporting pilots and demonstrations
 - Highlighting promising (replicable) solutions, suggesting practical steps forward, preparing for full-scale territorial deployment
- ▶▶ **Structuring and maturing cities' circular projects to a stage where they become scalable, bankable and therefore, truly impactful**



What does the CCRI offer?

- The CCRI offers combine technical and operational support with financial advice on your circular journey

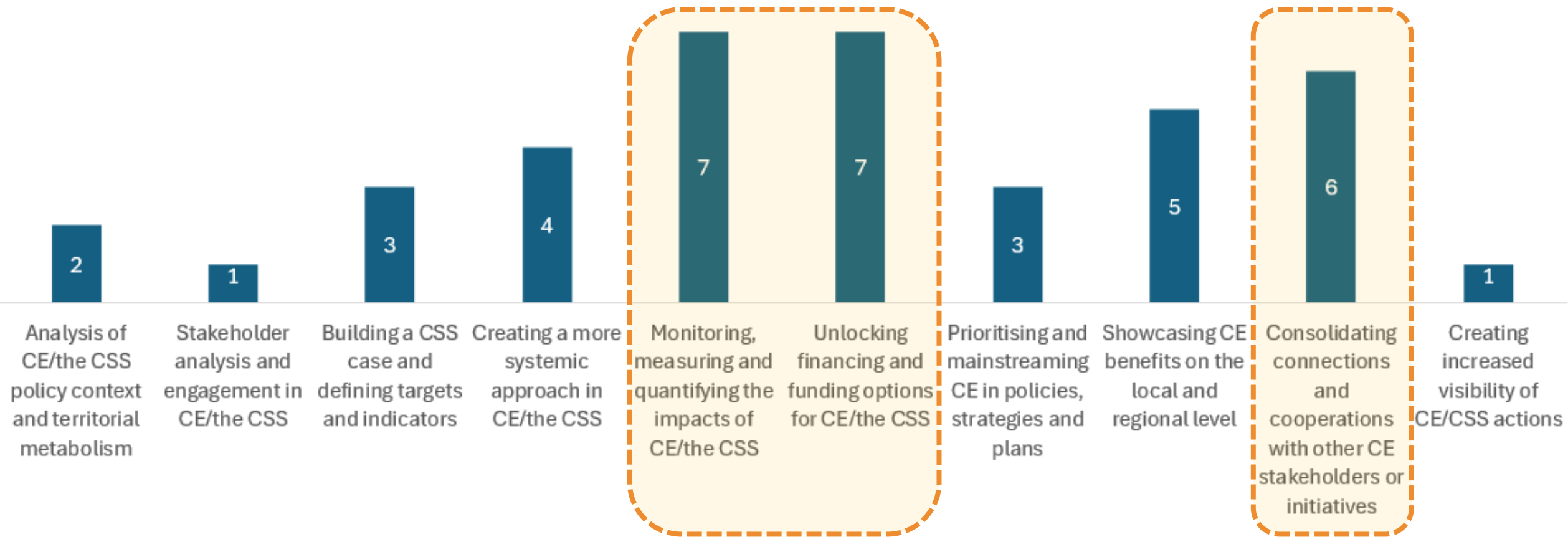


★ The yellow stars indicate for which steps and activities the CCRI methodology is directly connected to the Self-Assessment Tool

... regardless what is your current level of implementation

►► It is about bringing your ambition to the implementation & financing stages

What are the main CCRI community's support needs?



►► **Monitoring (indicators), financing, stakeholder engagement & collaboration have been reported as your top-3 needs**

About the (extended!) CCRI office

3 teams with complementary missions and services – all operating under the same umbrella initiative

	CCRI Coordination & Support	CCRI Knowledge Hub	CCRI Communities of Practice
Main roles:	<ul style="list-style-type: none"> Supporting the overall management of the initiative (communication, helpdesk, capacity building...). Providing support to selected cities and regions Facilitating the cooperation with relevant EU-funded projects and other initiatives. 	<ul style="list-style-type: none"> Acting as a knowledge hub, consolidating and expanding the knowledge base already available for the CCRI community. Enlarging the CCRI community by mentoring additional cities and regions. 	<ul style="list-style-type: none"> Bringing together CCRI stakeholders in Communities of Practice and twinning programmes, to strengthen their capacity to work and learn creatively together.
Key deliverables:	<ul style="list-style-type: none"> Support to 12 CCRI Pilots & 25 Fellows Thematic Working Groups CCRI Methodology Guidebook Self-Assessment Tool Multi-Stakeholder Dialogues 	<ul style="list-style-type: none"> <u>New!</u> Knowledge Hub and catalogue of technologies <u>New!</u> Mentoring programme 	<ul style="list-style-type: none"> <u>New!</u> Twinning programme <u>New!</u> Communities of Practice Direct support to additional cities/regions Additional thematic Working (sub)Groups

CCRI large and diversified support offer



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European
Commission

1-to-1

Tailored advisory support
→ Targeting 1 specific city/region



- Tailored technical advisory support
 - In-kind support (CCRI Office, OECD, EIB, CCRI projects, Green Assist)
 - *New!* Additional on-demand technical and/or financial advisory services (CCRI Office, Green Assist, EIB C3)
 - *New!* Mentoring programme pairing up 1 city/region with a selected expert (CCRI Office)
 - *New!* Twinning programme pairing 1 city-region with another 1 (CCRI Office)
- Tailored financial advisory support (EIB C3, CCRI projects, Green Assist)

CALL FOR
EXTERNAL
EXPERTS



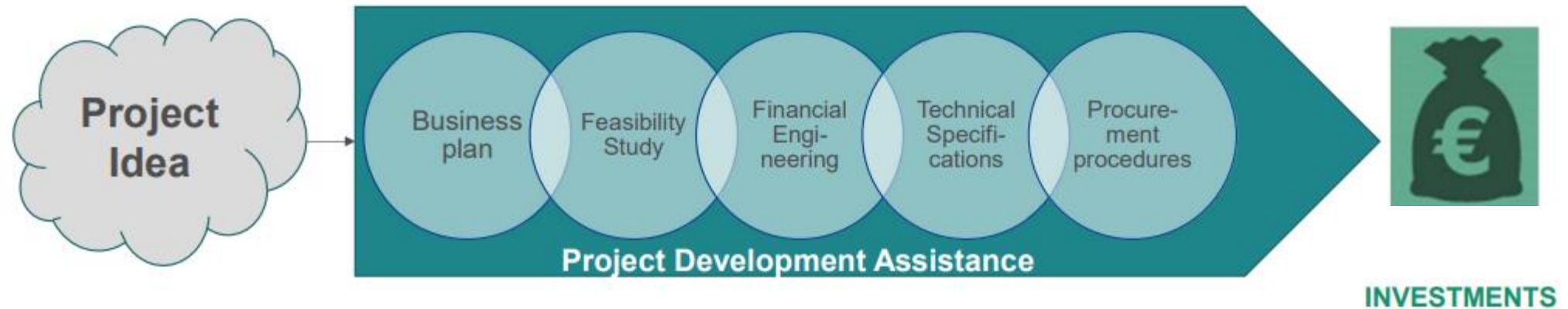
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Commission

Focus on Project Development Assistance

- Objective: increase the maturity, viability and bankability of your local circular project



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Commission

1-to-few

Customised support
→ Targeting specific issues
or journey steps in small groups



- Thematic Working Groups (CCRI Office)
- Roundtable Discussions on specific issues (CCRI Office, CCRI Projects and Associated Partners – incl. OECD and EIB)
- **New!** CCRI Communities of Practice, gathering small groups of cities to actively work on a specific theme (launch expected in end 2024) (CCRI Office)



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Commission

1-to-many

Grouped support
→ Targeting the whole CCRI
community, open to all



- Informative/capacity-building events (CCRI and all its related projects/partners)
- Networking/matchmaking events (CCRI and all its related projects/partners)

Key resources & tools

- CCRI Methodology (CCRI Office)
- *New!* CCRI Knowledge Hub & catalogue of technologies (CCRI Office, ALL!)
- *New!* CCRI Self-Assessment Tool (CCRI Office) and many other relevant support tools (CCRI Projects)

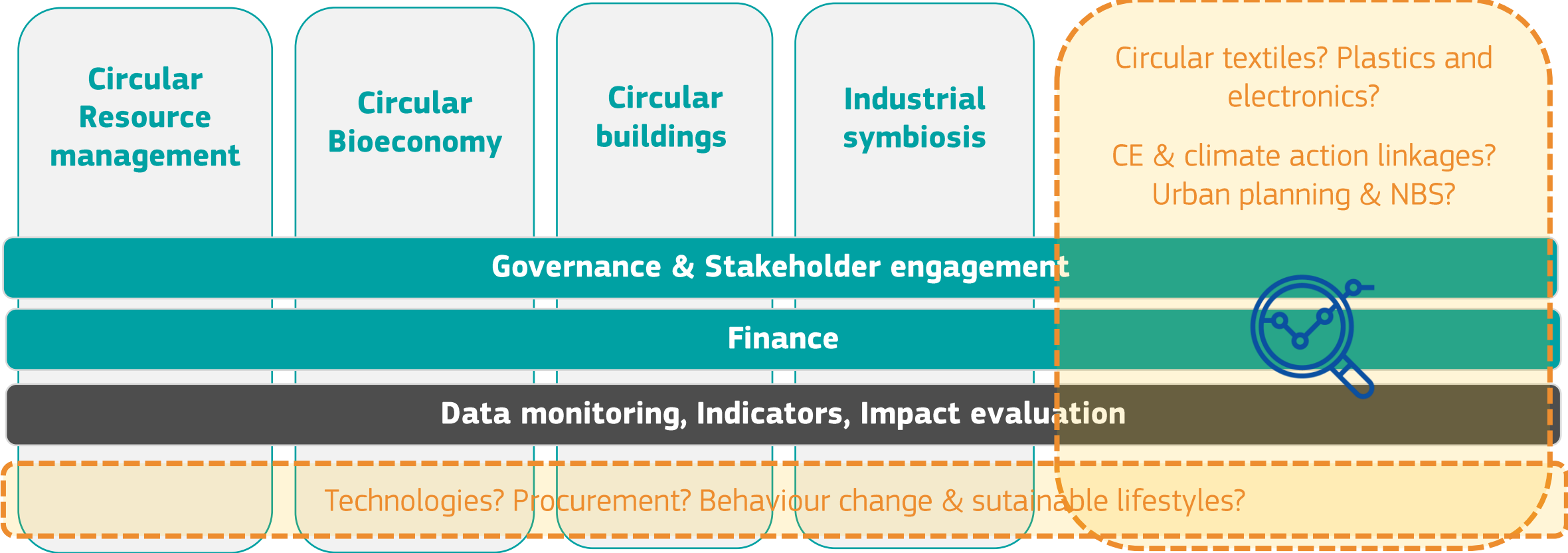


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Thematic & cross-cutting focuses

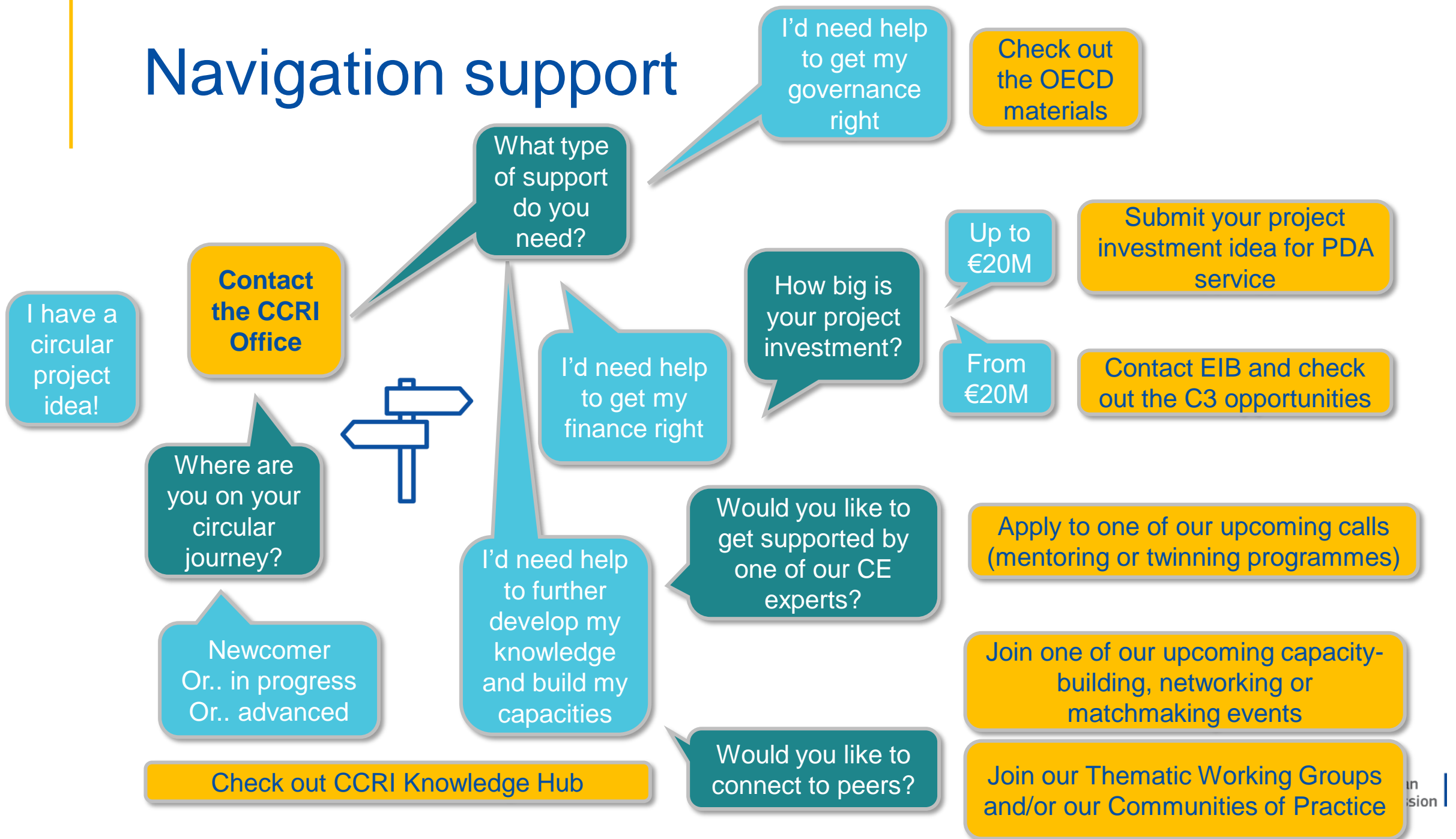


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Navigation support



Join our matchmaking session & meet some of our CCRI Support Providers

Participating partners:

- CCRI Office (Coordination & Support, Knowledge Hub)
- CCRI Projects (SYSCHEMIC, Definite-CCRI & Circular Invest, HOOP, Frontsh1p, Agro2Circular, TREASoURcE, RECONSTRUCT, BioBoost, RESOURCE)
- CCRI Associated Partners (EIB Circular City Centre, OECD, Cariplo Foundation, Green Assist)
- CCRI Cities & Regions (Helsinki Uusimaa Region, Strasbourg Metropole)



<https://circular-cities-and-regions.eu/>



helpdesk@circular-cities-and-regions.eu



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Circular Cities and Regions Initiative (CCRI)



Showcasing the benefits offered by the CCRI community

Jesús Ángel Díez Vázquez, Region of Castilla y León, CCRI Pilot and Green Assist beneficiary



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World Circular Economy Forum | Accelerator Session (6th OECD Roundtable on the Circular Economy in Cities and Regions)

Cities & regions getting ahead with the circular transition

Moving ahead to best support cities and regions

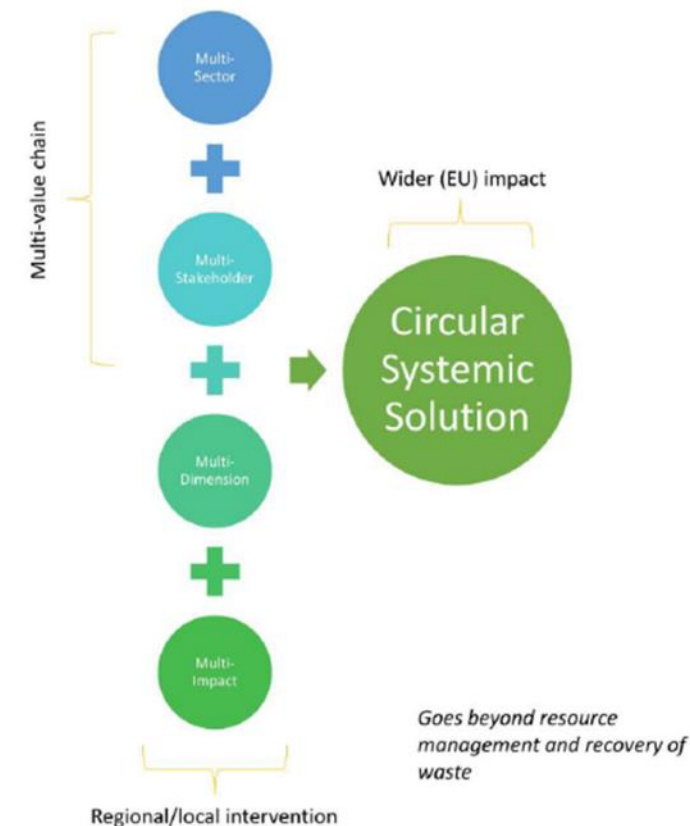
Jesús Ángel Díez Vázquez
Region of Castilla y León,
CCRI Pilot and Green Assist beneficiary



How the CCRI support helped our region to accelerate CE? (I)

- Greater understanding of own CE **needs** and/or **challenges**
- Adoption of a more **systemic approach** of local/regional CE actions

multi-actor
multi-impact
multi-sector

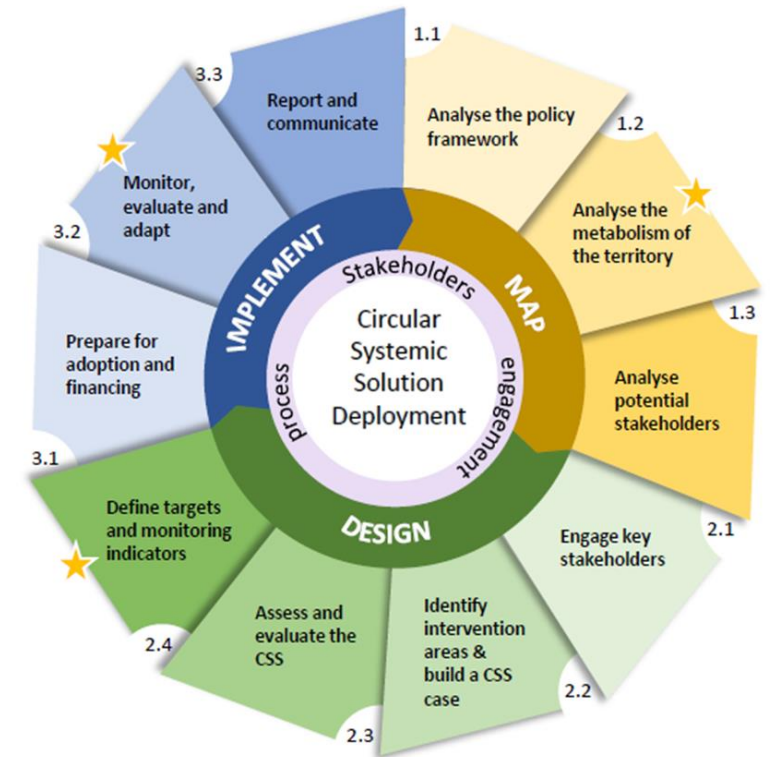




How the CCRI support helped our region to accelerate CE? (II)

Further and/or faster progress in **identifying a Circular Systemic Solution (CSS)**

- Access to the CCRI Methodology
- Access The CCRI Monitoring Tool





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BETTER POLICIES FOR BETTER LIVES

How the CCRI support helped our region to accelerate CE? (III)

- Increased **visibility** of the city/region/cluster on CE topics
- Increased **connections and cooperations** with other CE stakeholders or initiatives
- Increased **political support** for CE



Interreg



Cofinanciado por
la Unión Europea
Cofinanciado pela
União Europeia

España - Portugal



Circular
Ecosystems



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Cities & Regions
Initiative



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Other expected inputs from CCRI support

- Unlocked **funding** and/or **financing resources** for CE activities

Green Assist support expected to remove technical knowledge and business-case gaps

- **Business plan** for the CSS

GREEN ASSIST

The expert advice to make
your investment **greener**

APPLY TODAY

#GreenAssist



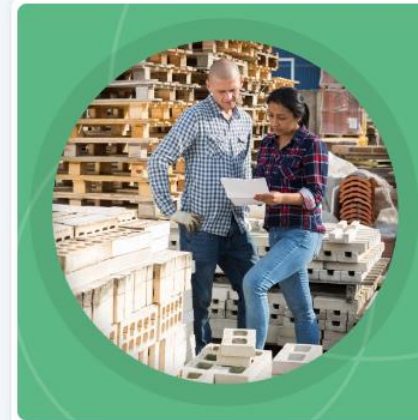


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What CCRI support offer(s) have contributed the most to the above-mentioned results?

- Tailored (one-to-one) support (e.g. CCRI Pilot-CCRI-CSO **Pilot Companion**)
- Support **tools and method** (e.g. CCRI-Methodology) (<https://circular-cities-andregions.ec.europa.eu/support-materials/papers-and-reports/methodology-implementation-circulareconomylocal-and-regional>)
- **Matchmaking** at thematic working groups



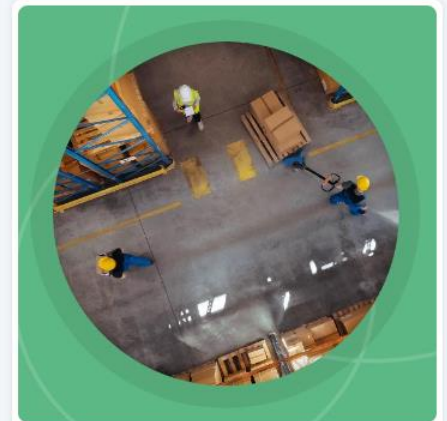
TWG Circular Construction and Buildings



TWG Circular Resource Management



TWG Circular Bioeconomy



TWG Industrial Symbiosis and Circular Economy in Industries



How would the implementation of your CSS have progressed without the support provided by the CCRI?

Castilla y León pilot CSS would have progressed less or slower than with CCRI support



jesus.diez@patrimonionatural.org



Circular Cities & Regions Initiative



European Investment Bank



Roundtable #1 – Circular economy transition in EU: Where do cities and regions stand?

Facilitated by the OECD



ROUNDTABLE #1 – CIRCULAR ECONOMY TRANSITION IN EU: WHERE DO CITIES AND REGIONS STAND?

18 April 2024
Brussels

Ander Eizaguirre, Policy Analyst
Cities, Urban Policies and Sustainable Development
OECD Centre for Entrepreneurship, SMEs, Regions and Cities (CFE)

[in www.linkedin.com/company/oecd-local](https://www.linkedin.com/company/oecd-local) www.oecd.org/cfe

The OECD Programme on the Circular Economy in Cities and Regions

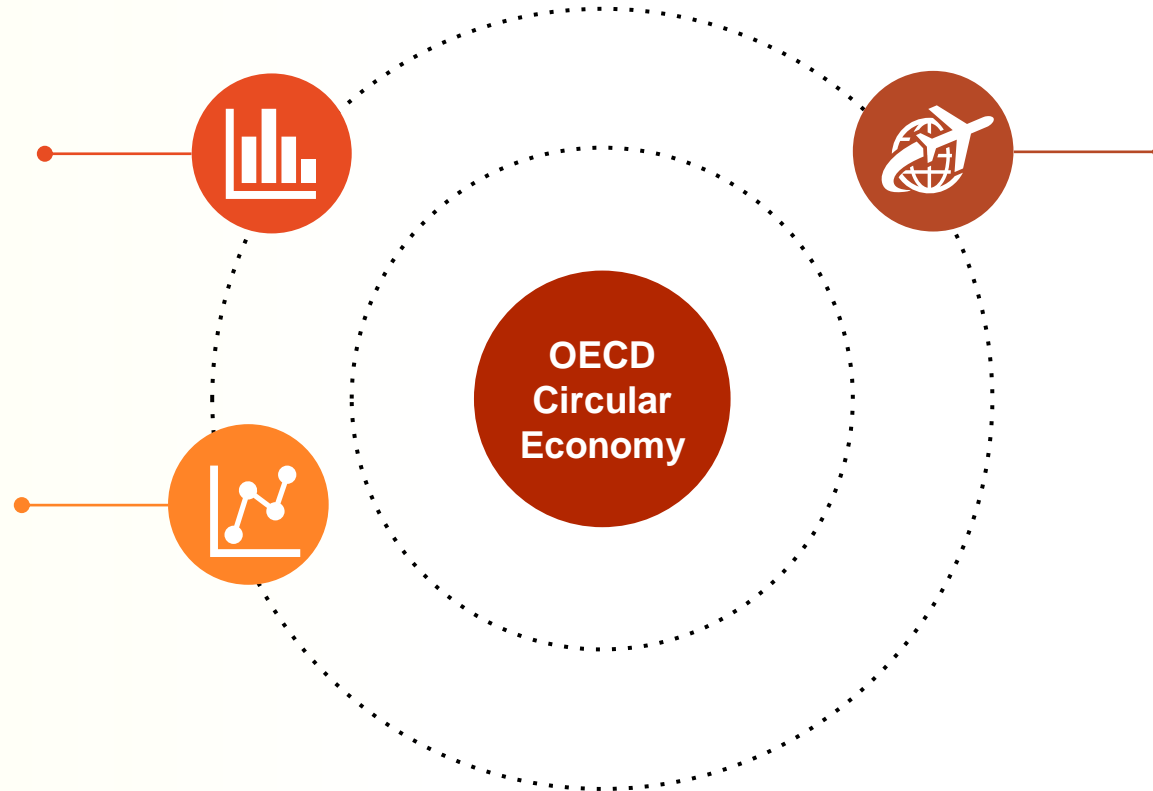
Measuring

OECD Scoreboard on the Governance of the Circular Economy

Networking

OECD Roundtable on the Circular Economy in Cities and regions:

- 1st Roundtable (2019)
- 2nd Roundtable (2020)
- 3rd Roundtable (2021)
- 4th Roundtable (2022)
- 5th Roundtable (2023)
- 6th Roundtable (2024)



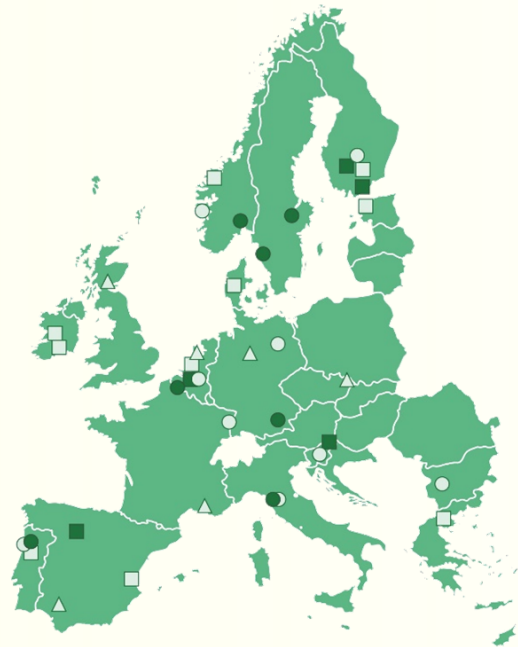
Learning

- Groningen, Netherlands (2020)
- Umeå, Sweden (2020)
- Valladolid, Spain (2020)
- Granada, Spain (2021)
- Glasgow, UK (2021)
- Ireland (2022)
- Montreal, Canada (2022)
- Tallinn, Estonia (2023)
- Italy (May 2024)
- LAC (May 2024)

<https://www.oecd.org/regional/cities/circular-economy-cities.htm>

The OECD and CCRI collaboration

Circular Cities & Regions Initiative - Pilots and Fellows Map



Key

● City ■ Region ▲ Territorial Cluster

Pilots		
Asker	●	NO
Capannori	●	IT
Castilla y Leon	■	ES
Flanders	■	BE
Göteborg	●	SE
Guimarães	●	PT
Helsinki-Uusimaa	■	FI
Munich	●	DE
Podravje-Maribor	■	SL
Roubais	●	FR
Tampere Region	■	FI
Uppsala	●	SE



Fellows		
Bergen	○	NO
Berlin	○	DE
Central Denmark	□	DK
Central Macedonia	□	EL
Comunitat Valenciana	□	ES
Comunidade Intermunicipal Viseu Dão Lafões	□	PT
Es éco-entreprises	△	FR
Eurométropole de Strasbourg	○	FR
Grosuplje	○	SL
Ireland-West	□	IE
Jyväskylä	□	FI
Lääne-Härju	□	EE
Leuven	○	BE
Lucca	○	IT
Matosinhos	○	PT
Metropolitan Region of Amsterdam	△	NL
Møre and Romsdal	□	NO
Päijät-Häme	□	FI
Regrada Trinec	△	CZ
Sofia	○	BG
Southeast Lower Saxony	△	DE
Southern Region Waste Planning Authority	□	IE
Technological corporation of Andalusia	△	ES
Zero Waste Scotland	△	UK
Zuid Holland	□	NL

10 case studies

- Zuid-Holland (NL) ✓
- Eurometropole Strasbourg (FR) ✓
- Møre and Romsdal (NO)
- Berlin (DE)
- Matosinhos (PT)
- Comunitat Valenciana (ES)
- Central Macedonia (EL)
- Jyväskylä (FI)
- Sofia (BG)
- Ireland-West (IE)



Flagship report on the Circular Economy in EU Cities and Regions





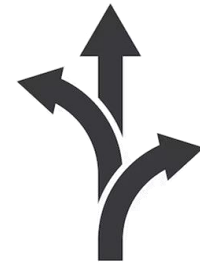
Objectives of the Flagship report on the Circular Economy in EU Cities and Regions



Provide a one stop shop on the state of the art of the circular economy in EU cities and regions.



Raise the profile and potential of cities and regions in implementing EU policies and action plans on the circular economy.



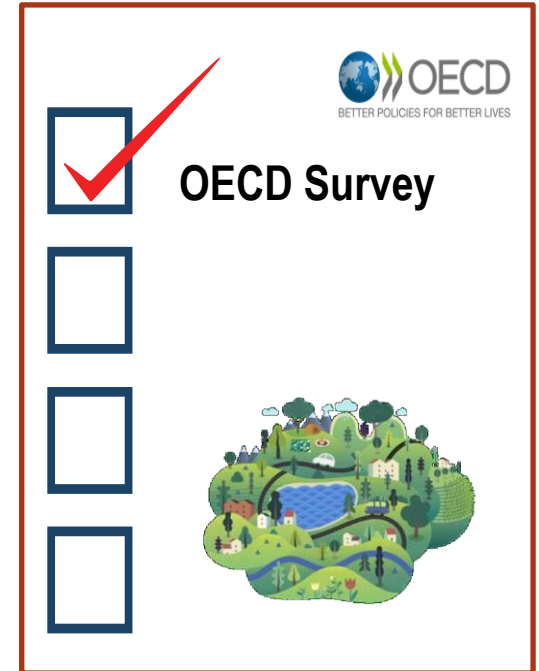
Generate data, analysis, policy recommendations and strategic **guidance.**

Provide an **overview** of the transition to a circular economy in EU cities and regions and **inform how the European Commission can advance the implementation** of circular economy objectives at local and regional level.



The OECD Survey: The Circular Economy in Cities and Regions in the European Union

- **Target:** government officials from cities and regions in the EU
- Distributed across 100+ EU cities and regions
- Received responses from **19 cities** and **6 regions** from the EU

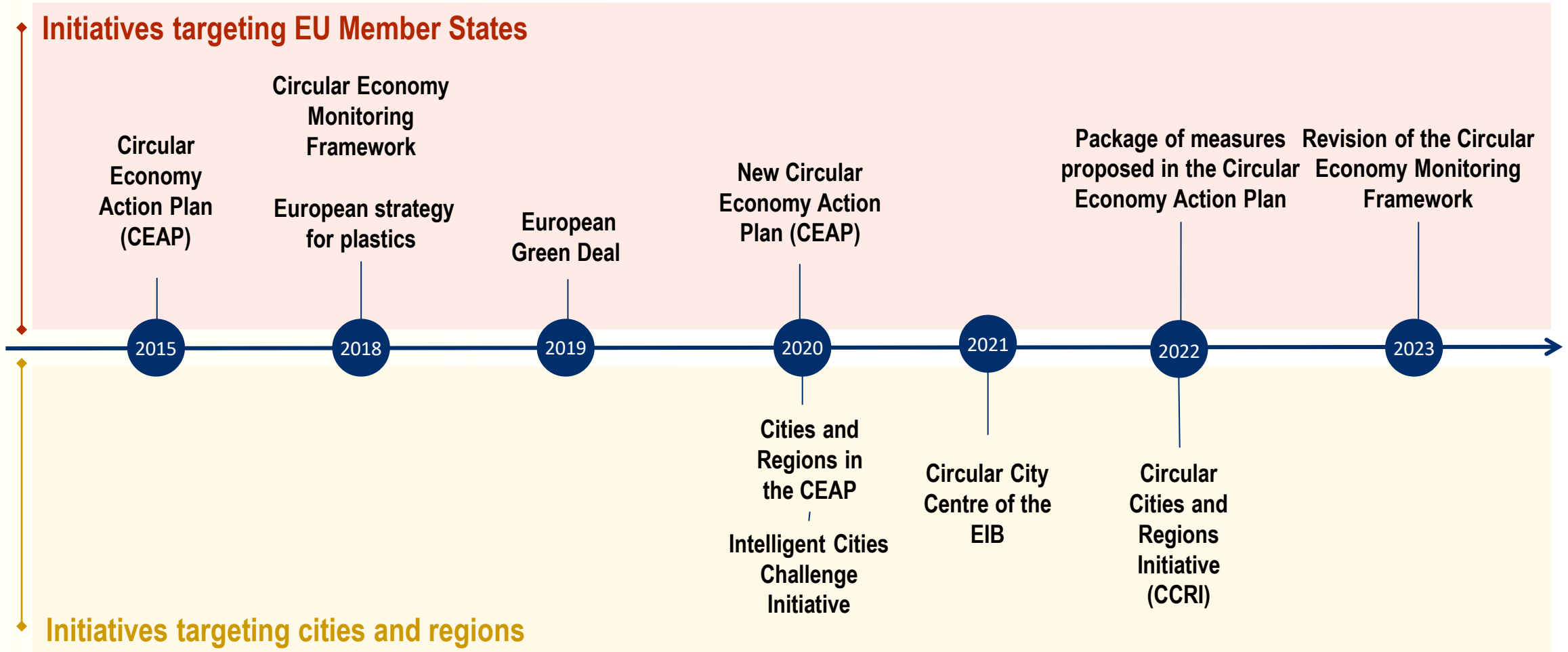




State of Play



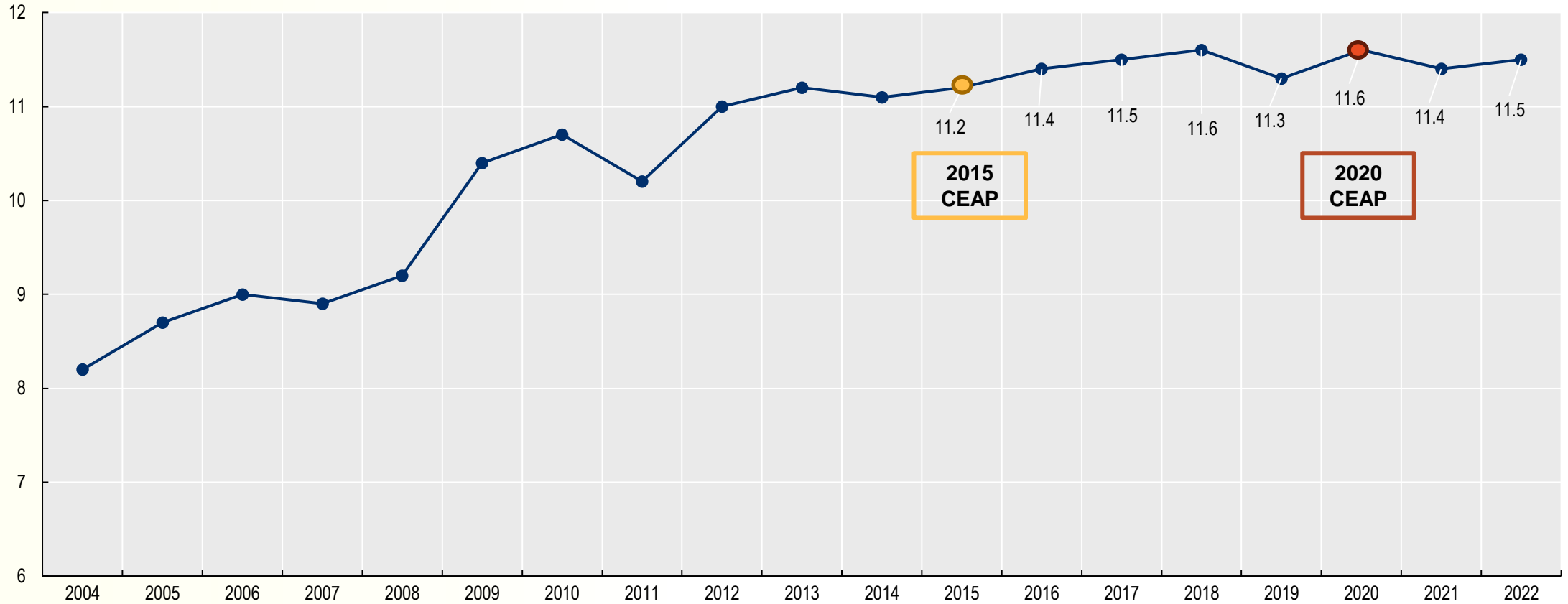
Timeline of the EU initiatives on the circular economy at different levels





Circular material use rate changes in the EU-27

Circular material use rate in the EU-27 2004-2022 (%)

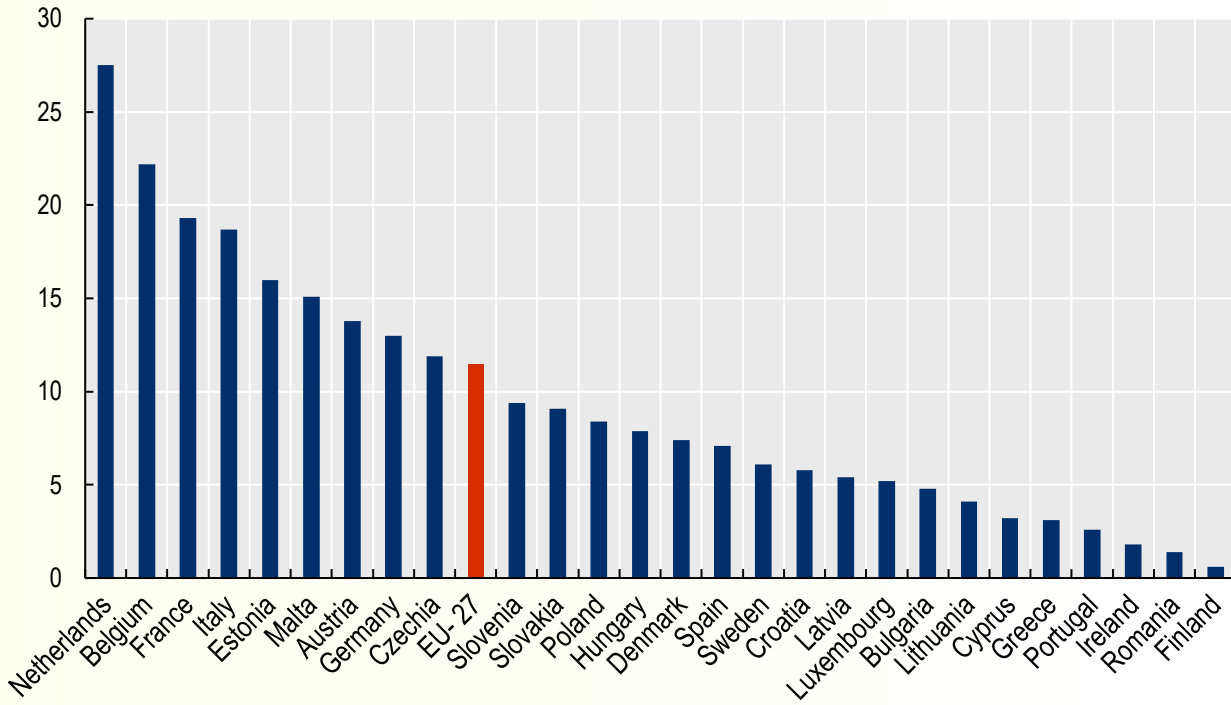


Note: Circular material use rate: share of used material resources which come from recycled waste materials.



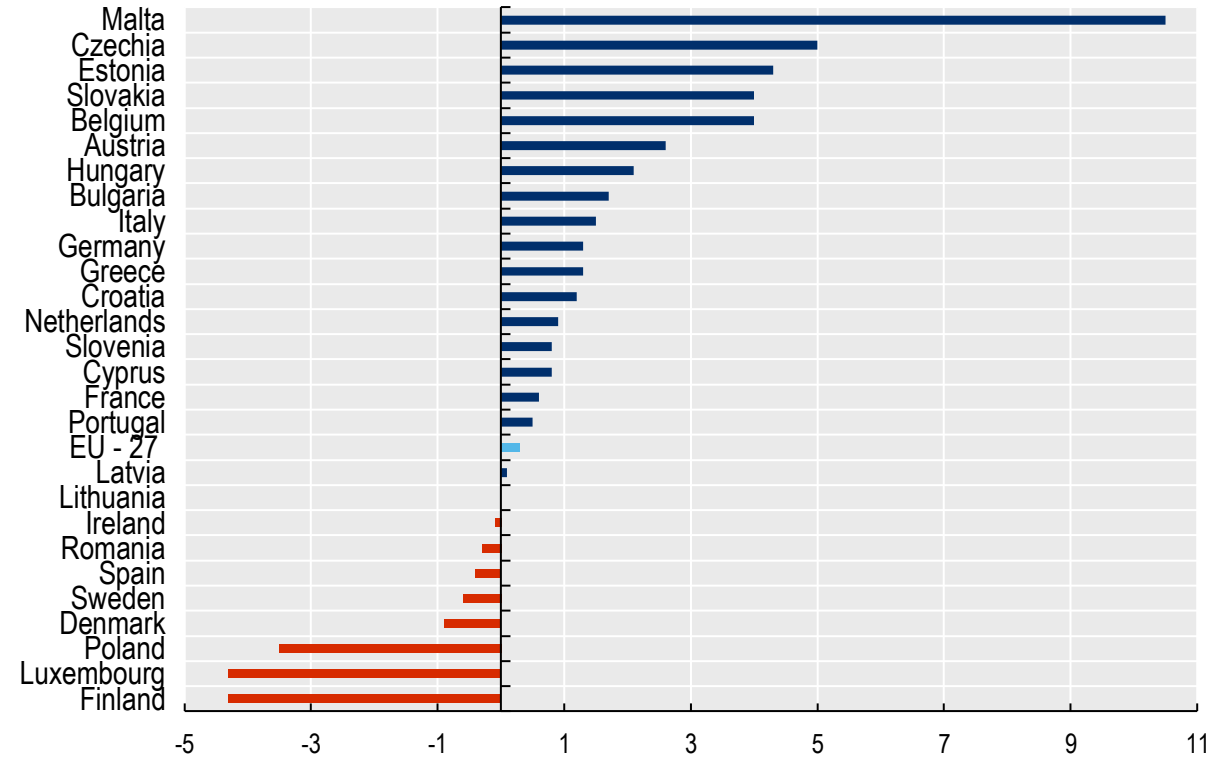
The pace of progress towards a circular material use rate varies across EU Member States

Circular material use rate in the EU-27, 2022 (%)



Note: Circular material use rate: share of used material resources which come from recycled waste materials.

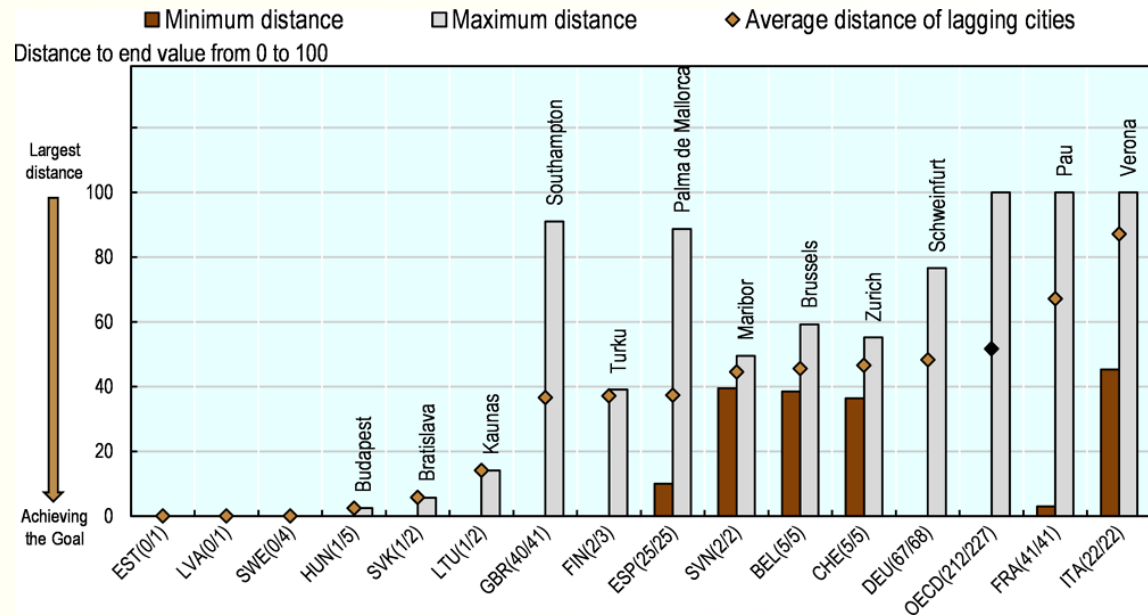
EU-27 member states progress towards a circular economy 2015-2022
Circular material use rate: 2022 compared to 2015



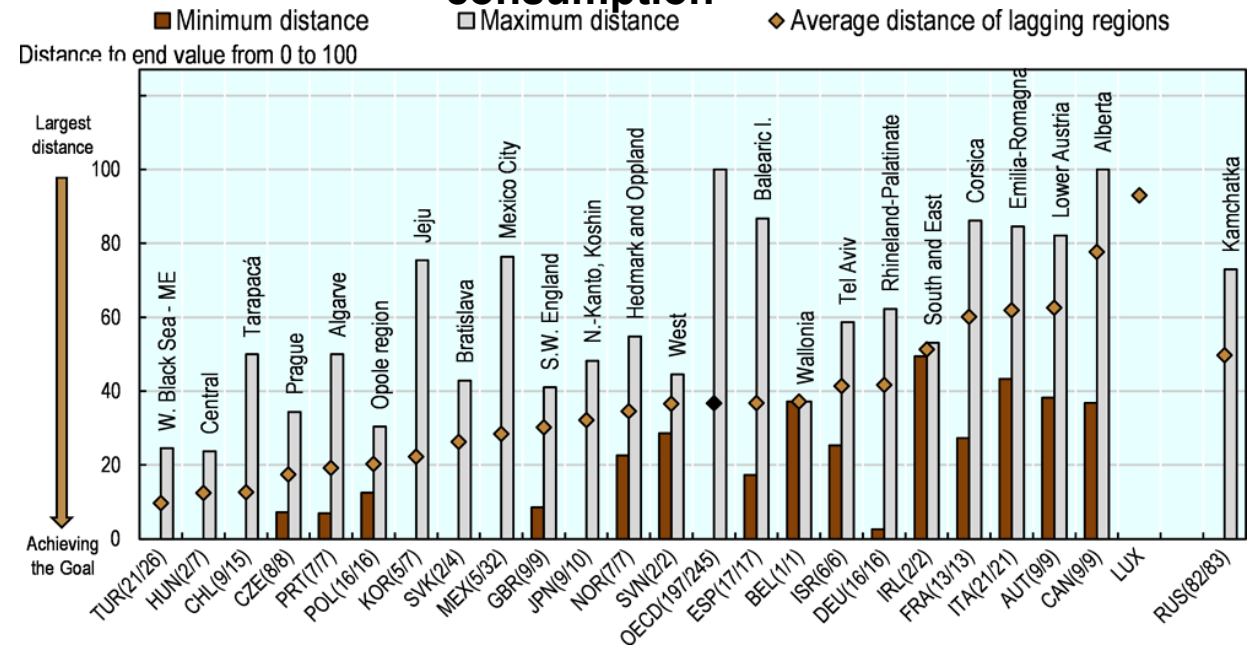


Distance to travel for cities and regions in SDG 12 for “Responsible consumption”

Distance to travel for cities in SDG 12 for “Responsible consumption”



Distance to travel for regions in SDG 12 for “Responsible consumption”



OECD (2020), A Territorial Approach to the Sustainable Development Goals: Synthesis report, OECD Urban Policy Reviews, OECD Publishing, Paris, <https://doi.org/10.1787/e86fa715-en>.

Three main preliminary findings from the Survey

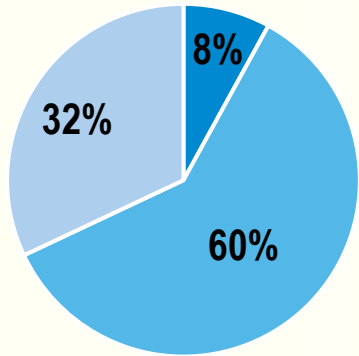




#1 The economy in the EU is not circular, but there has been progress

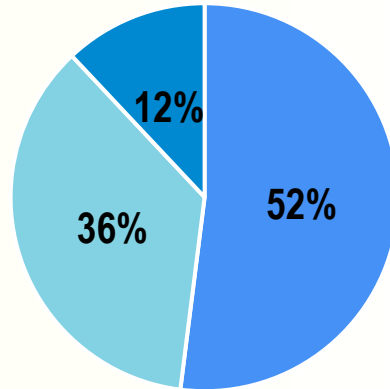
Level of advancement

■ Advanced ■ In progress ■ Emerging



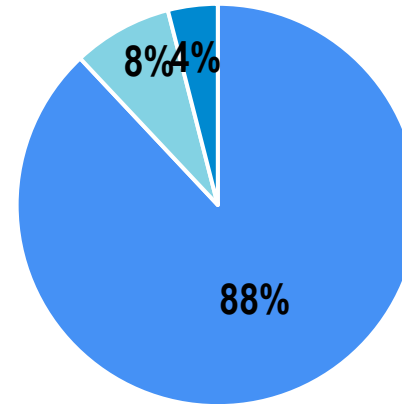
Budget for circular economy activities

■ Yes ■ No ■ Expected soon



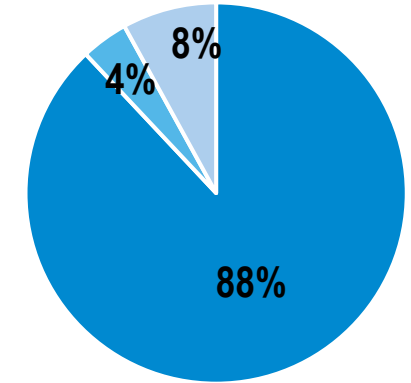
Circular economy initiative

■ Yes ■ Under development ■ No, and not planned



Pilots and experimentations

■ Yes ■ No ■ Not yet, but expected

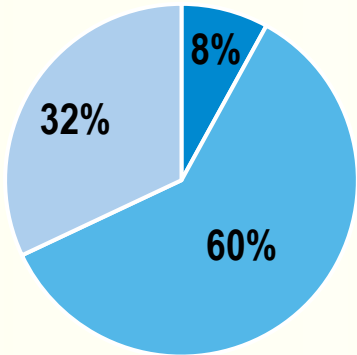




#1 The economy in the EU is not circular, but there has been progress

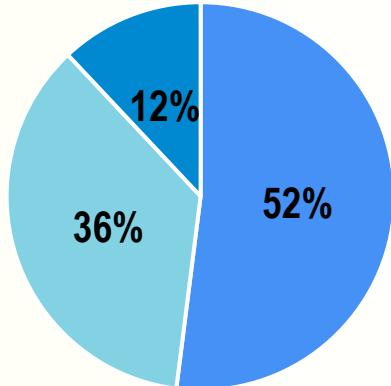
Level of advancement

Advanced In progress Emerging



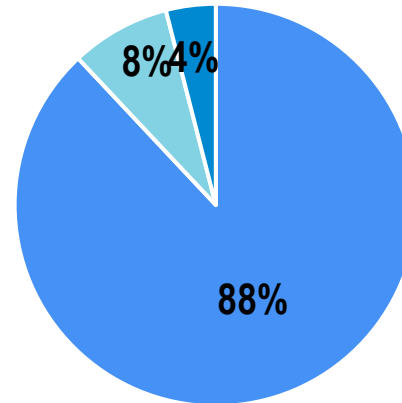
Budget for circular economy activities

Yes No Expected soon



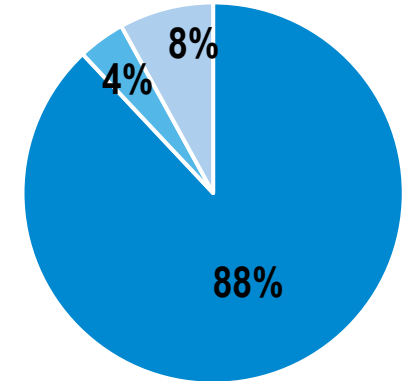
Circular economy initiative

Yes Under development No, and not planned

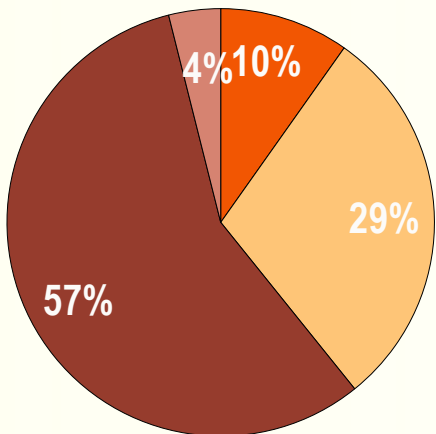


Pilots and experimentations

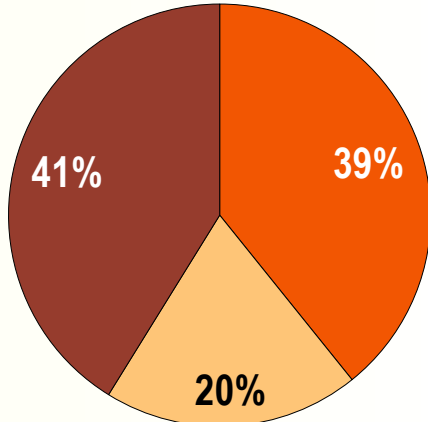
Yes No Not yet, but expected



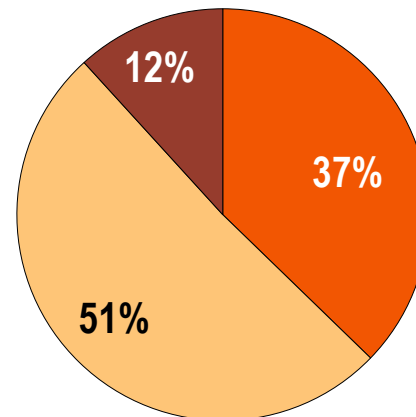
Advanced In Progress Emerging Not in place



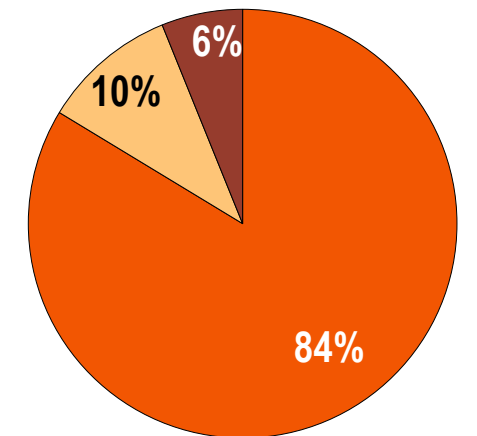
Yes Expected soon No



Yes Under development No, and not planned

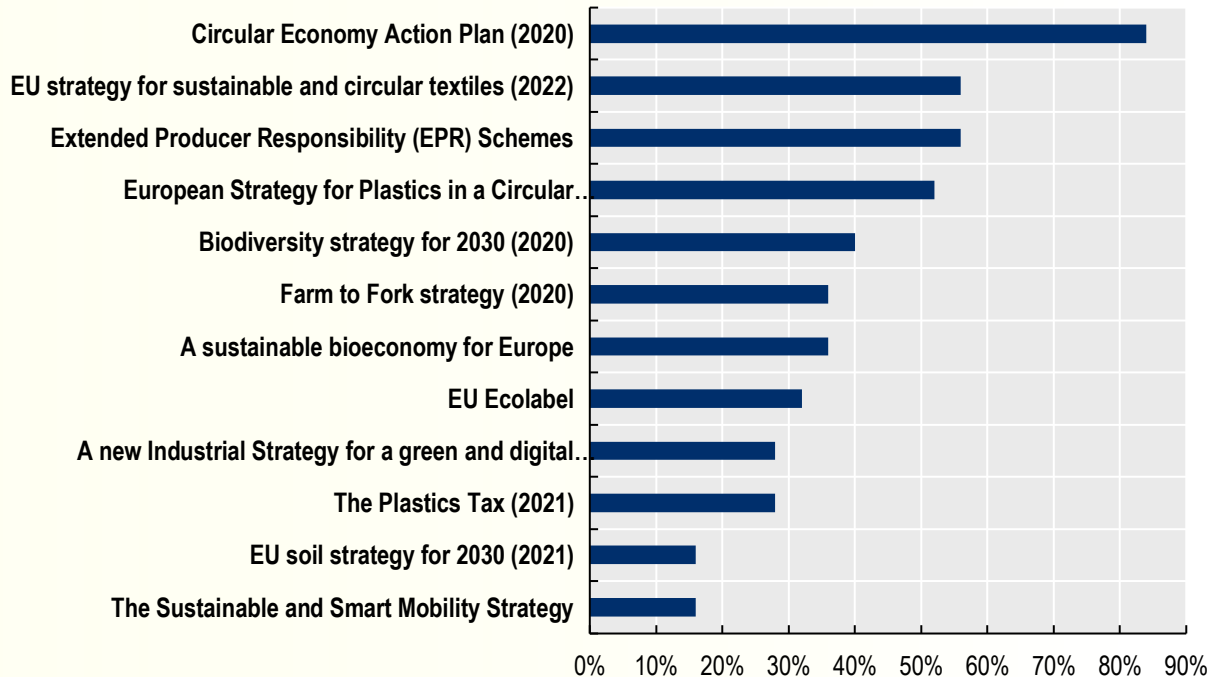


Yes Not yet, but expected No



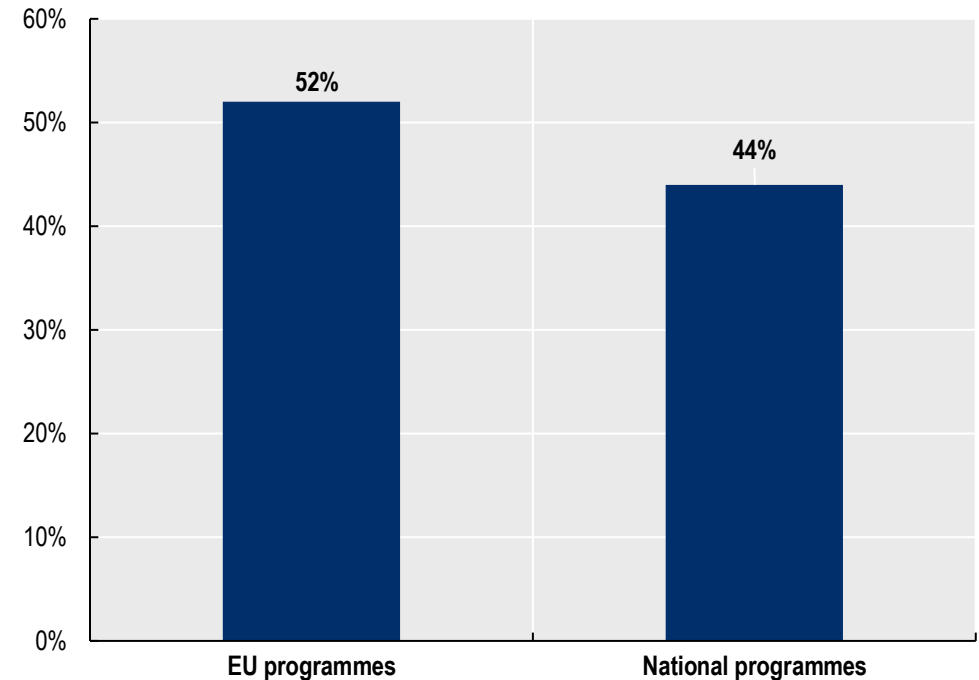
2 Cities and regions follow the EU guidance

84% of cities/regions consider the 2020 CEAP as a frame of reference for its own circular economy strategy



Source: 25 responses to the question: Does your city/region consider the following EU policies and strategies as a frame of reference for its own circular economy strategy? [answered yes]

Cities and regions benefit from programmes that support circular innovation and experimentation



Source: 25 responses to the questions: "Does your city/region benefit from EU programmes that support circular innovation and experimentation?" and "Does your city/region benefit from national programmes that support circular innovation and experimentation?"



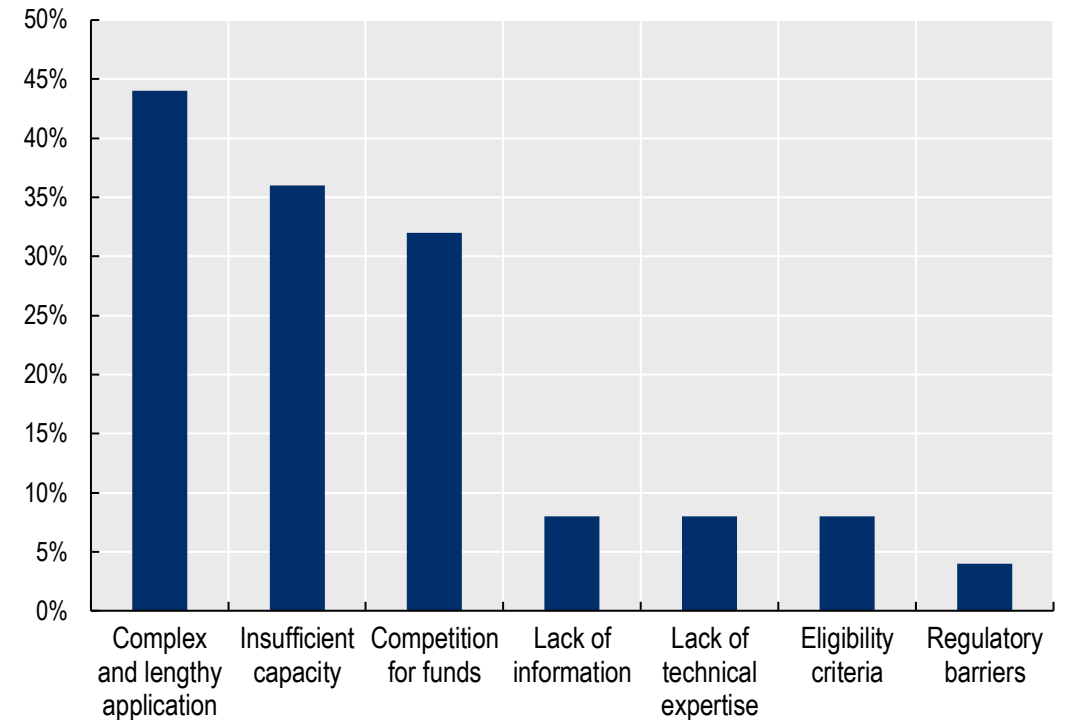
3 Mind the governance gap

Main obstacles hindering the transition towards a circular economy in surveyed cities and regions



Source: 25 responses to the question: Which of the following obstacles are hindering or are likely to hinder the transition towards a circular economy in your city/region? (answered with very important) obstacle)

Main challenges and obstacles to accessing EU funds



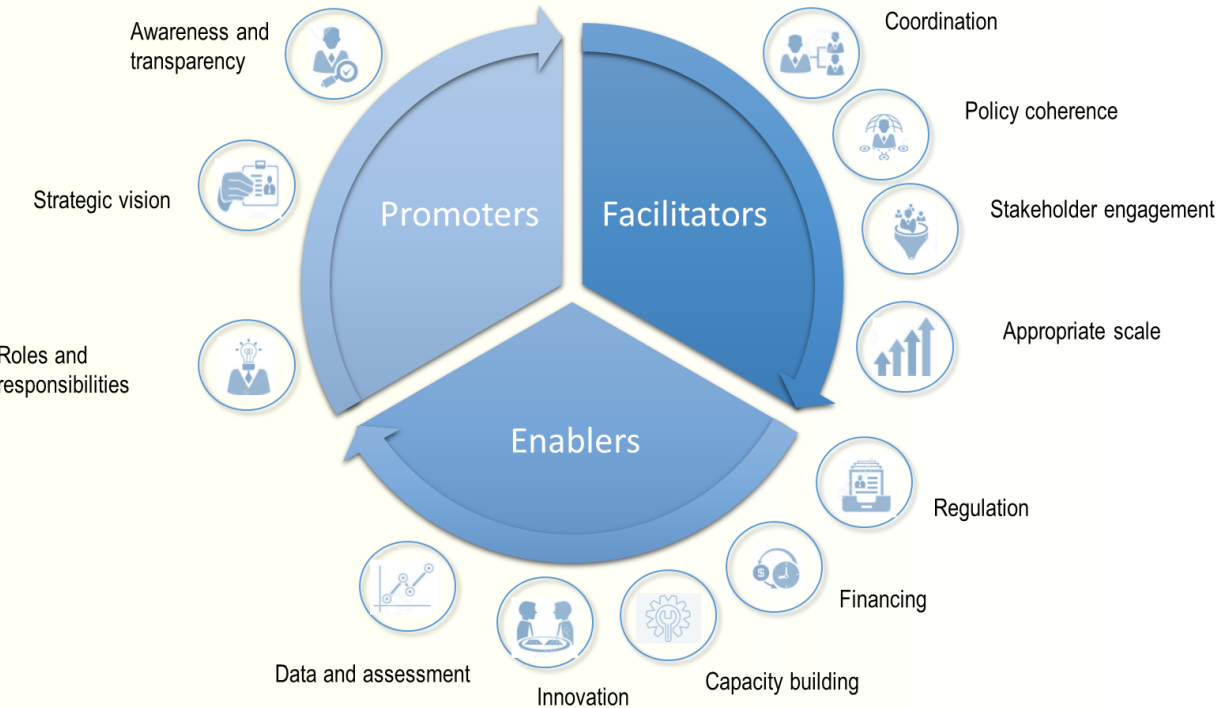
Source: 25 responses to the question: Which of the following obstacles are hindering or are likely to hinder the transition towards a circular economy in your city/region? (answered with very important) obstacle)



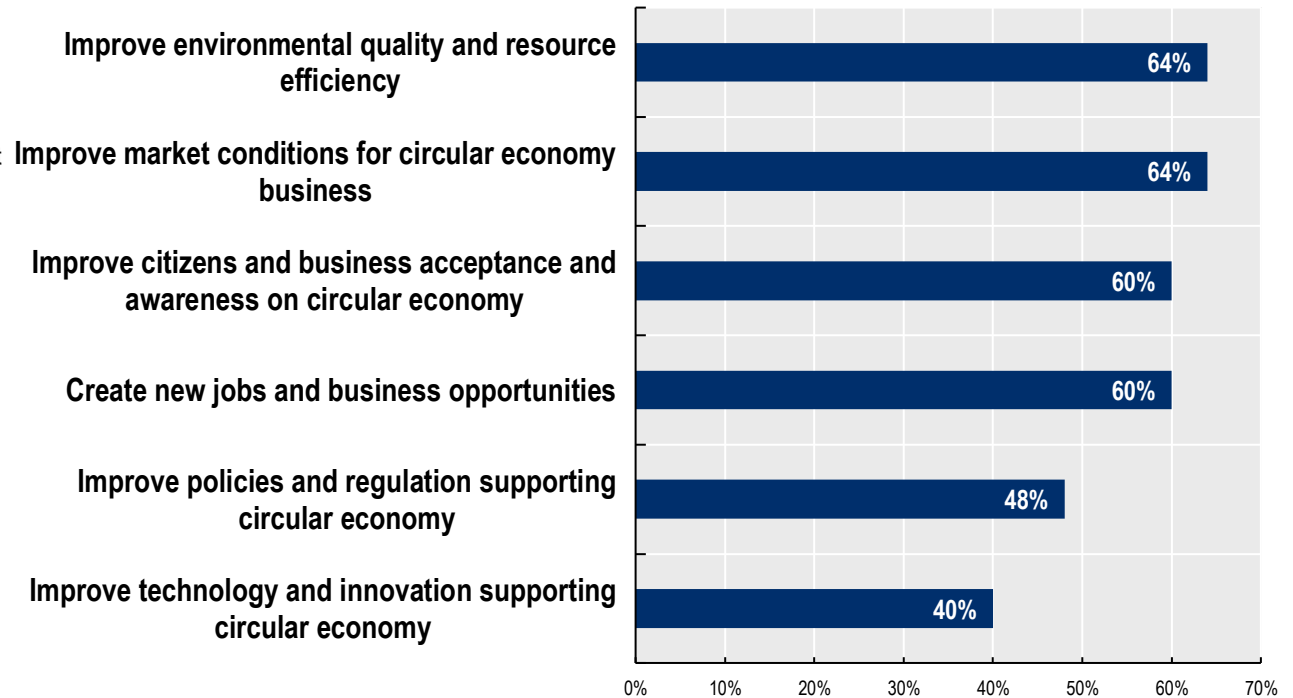
Ways forward

Ways forward

A Checklist for Action



Priorities for a more effective, efficient and inclusive circular economy



Source: 25 responses to the question: Which of the following obstacles are hindering or are likely to hinder the transition towards a circular economy in your city/region? (answered with very important) obstacle)



Timeline of the Flagship report



Presentation of preliminary findings

April 2024

June 2024

Deadline for second round of responses



Publication of the Flagship Report at the 7th Roundtable in Paris



April 2025

**Are you a
government official
in the EU?**

**Take the Survey on
behalf of your
city/region by 30
June 2024!**



oe.cd/5vj



THANK YOU

 www.linkedin.com/company/oecd-local

 www.oecd.org/cfe



Questions for discussion:

- **What is the experience of your city/region in implementing the transition towards a circular economy?**
- **What challenges your city/region is facing?**
- **How can the European Commission help?**



Circular Cities & Regions Initiative



Roundtable #2 – How to demystify finance for circular economy projects?

Facilitated by the EIB



European
Investment Bank

EIB - THE EU CLIMATE BANK SUPPORTING CIRCULAR ECONOMY

All figures in this presentation are unaudited and provisional.

EIB GROUP AT A GLANCE

The bank of the European Union

- Owned and governed by the 27 **EU member states**
- **AAA rated**
- Headquartered in **Luxembourg** + **60 external offices**: **≈ 4 273 staff** (finance professionals, engineers, economists and E&S experts)

World largest multilateral institution and leader in green finance

- **€49.8bn raised** in 2023 including **€14.6bn green bonds** (CABs & SABs)
- The EU Climate Bank

Over €1.5 trillion invested since 1958

- More than **14 000 projects** in over **160 countries**.
- Crowding-in bank: **€4.9 trillion** overall investment supported.

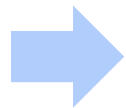
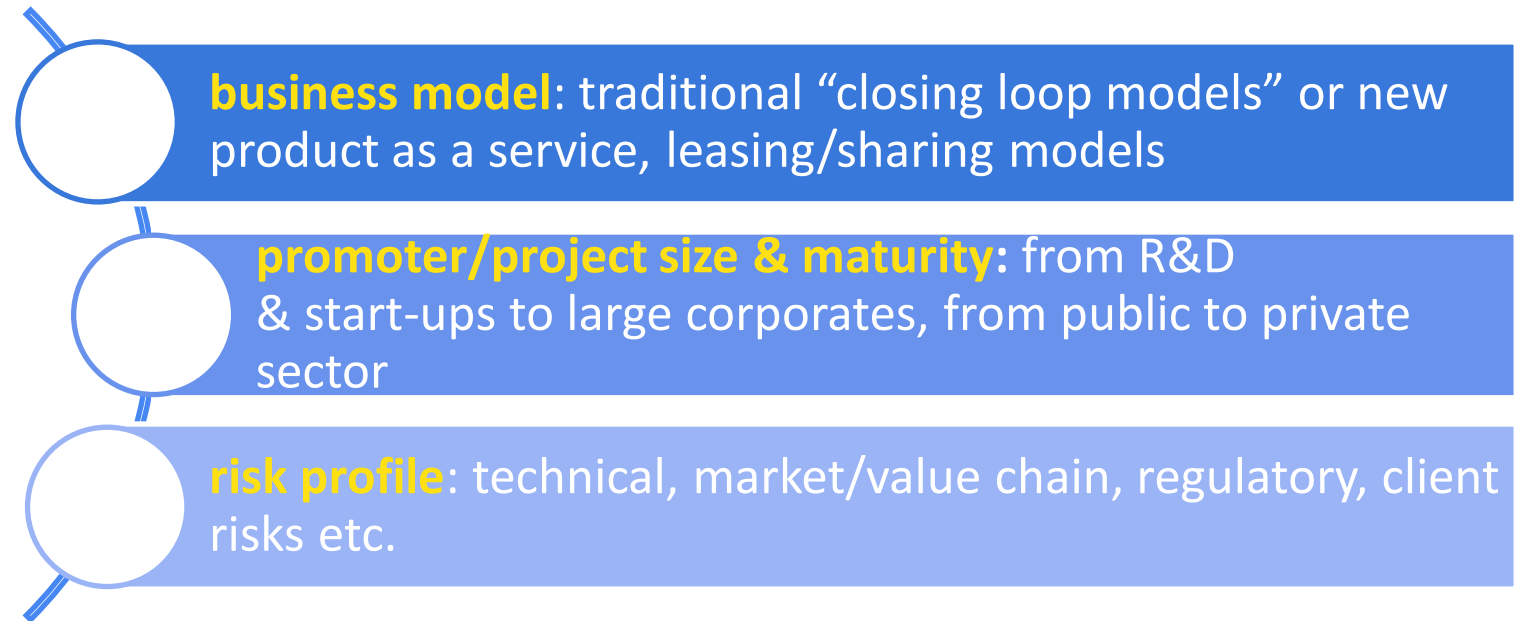
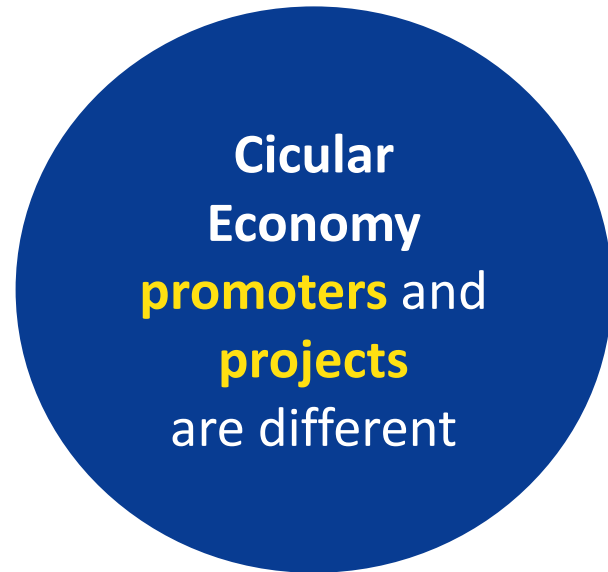
European Investment Bank

- **€75.14bn lent** in 2023, including **€8.44bn outside EU**
- **€44bn** supporting Climate Action & Environmental Sustainability (CA&ES)

European Investment Fund

- Specialist provider of **risk finance to SMEs**
- **EUR €14.91bn financing** provided in 2023

Circular Economy - a diversified landscape



Different types of financing needed

To **secure/increase access to CE financing**, project/promoter variations and particularities must be well understood by both fund seekers and fund providers

CIRCULAR ECONOMY DIVERSE BUSINESS MODELS

Traditional CE projects

- Support investments **closing loops & increasing recycling quantity/quality**
- May involve **new waste/material streams, new technologies**, and uncertainty on **feedstock supply/output demand** & related risks
- Need for **thorough assessments** of contracts, markets, competition, regulation etc.
- Potential need to **mitigate residual risks** (risk sharing/guarantees, promoter/stakeholder equity involvement, adjusted minimum credit metric levels)

New circular business models

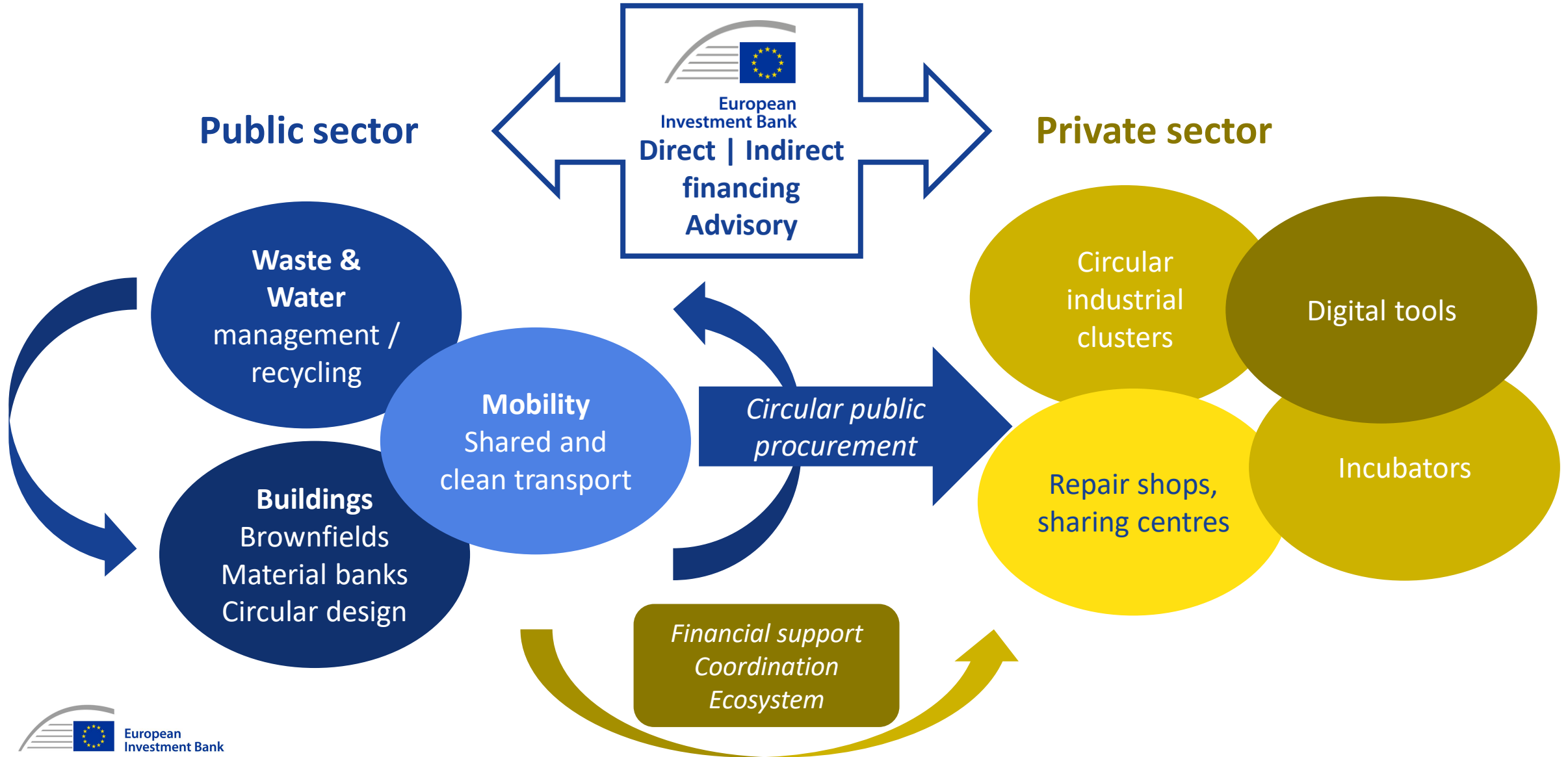
- **Sharing/leasing/PaaS models**: focus on **cash flow, earnings and contracts**, with longer **financial relations**, balance sheet extension and increased capital demand
- **Contracts and client credit worthiness** important in regard to e.g. asset security, maintenance and product recovery
- New dimensions of **residual value** – and challenges with asset evaluation/tracking
- Focus on **supply chain and working capital financing**, and increased need for **pre-commerce/start-up financing**

Venture
debt
Guarantees &
MBILs

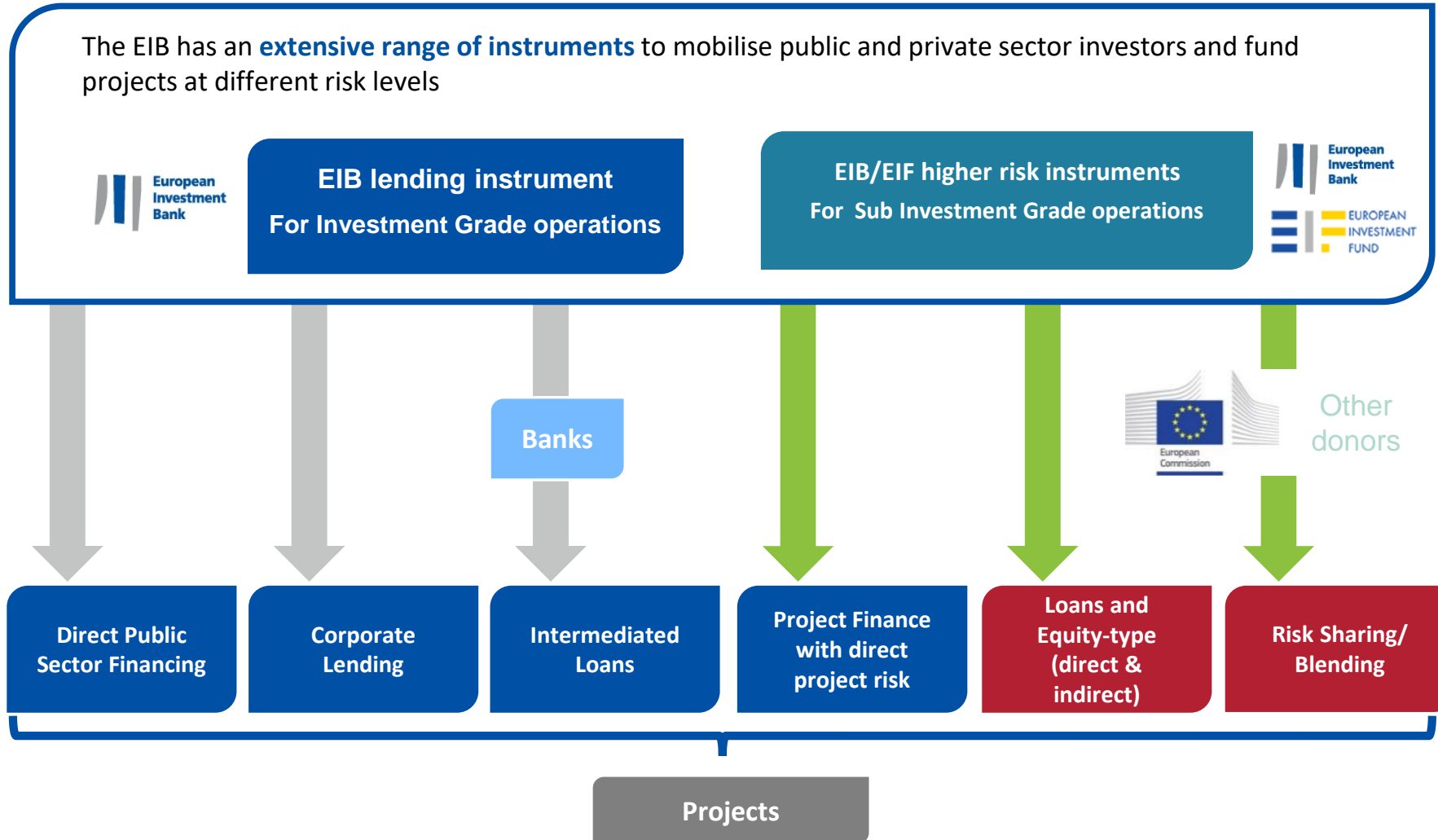
Investment loans
Framework loans

Equity
funds

CIRCULAR CITIES TOOLBOX



The EIBG's financial toolkit



EIB VALUE PROPOSITION



Attractive pricing

Pricing reflects EIB's advantageous funding conditions and not-for-profit profile



Long tenors

Financing terms in line with the economic life of the project



Flexible financing

Open contracts with the possibility to select fixed/floating rates and the currency at disbursement



Up to 50% of project cost

Financing covers up to 50% of a project's total costs, typically start at EUR 25m



Project support

Expertise in the financial and technical aspects of preparing a project



Blended finance

Financing compatible with EU funds and can be blended with additional sources of financing



Signalling effect

EIB's financing is often seen as a quality stamp, helping to attract other investors



Palette of financing

Direct and intermediated financing, design of policy driven financial instruments

CIRCULAR ECONOMY OPERATIONS

Public sector:

- Mainly **waste & water management** projects but potential also in other sectors such as buildings and mobility
- Key Product: Framework loans

Corporates:

- **RDI & innovative production facilities**
- Various circularity elements: Circular design and production, Circular use, Circular value recovery, Circular support
- Wide range of sectors: new recycling technologies, low carbon raw material (plastics), reduction of use of resources (water/food), 3-D printing
- Key Product: Senior corporate loans, venture debt, intermediated lending, equity

New business models:

- **Leasing & refurbishing** of used assets; circular **services**
- Intermediated lending/guarantees, venture debt, equity

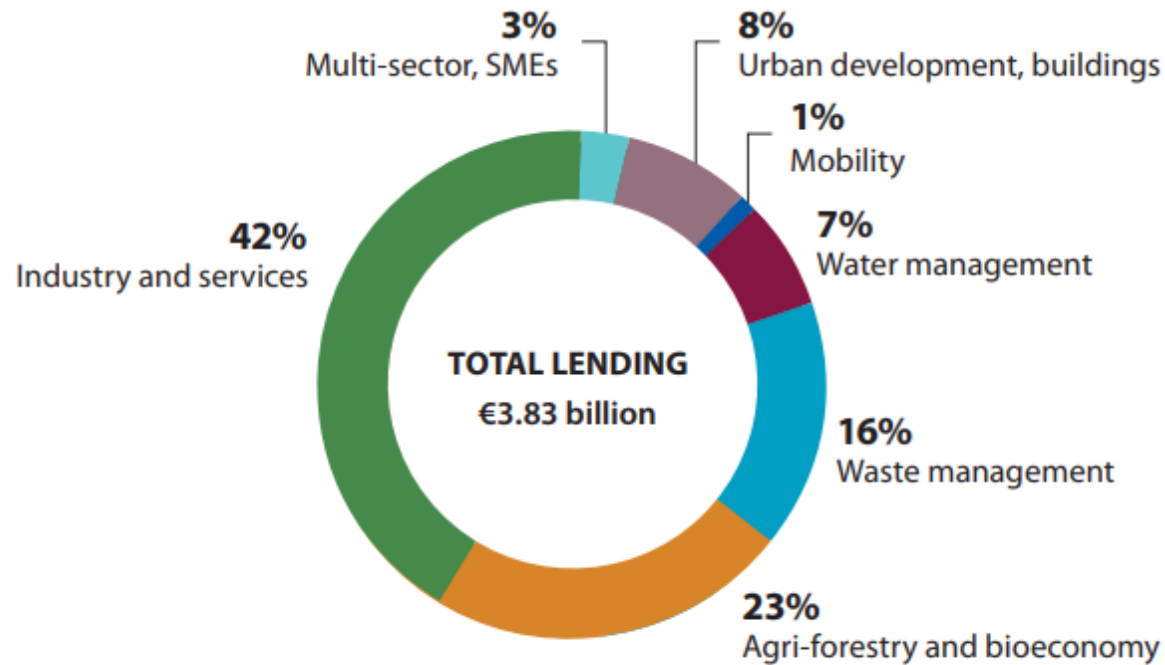
More information on EIB operations:

[EIB circular economy webpage](#)
[Circular economy Overview 2024](#)
[EIB circular economy guide](#)

MAIN SECTORS FINANCED BY THE EIB

EIB CIRCULAR ECONOMY LENDING

BY SECTOR 2019-2023



Sector	Total EURm
Industry and services	1598
Agri-forestry and bio-economy	867
Solid waste management	607
Water management	289
Urban development, buildings	298
Mobility	39
Multisector / SMEs	135
TOTAL	3833

132 CE operations

PESCARA CLIMATE ACTION AND CIRCULAR ECONOMY (ITALY)

EIB Financing: EUR 35m

EIB Product: Framework Loan

Total project cost: EUR 56m

Borrower/Promoter: Municipality of Pescara

What is it about:

- CE – EE - RE components
- Cohesion region
- CE component: Financing Pescara's 2021-2025 investments in CE/waste mgmt to achieve EU objectives & strengthen the recycling performance of Abruzzo region

CE Components financed:

- Anaerobic digestion plant processing bio-waste (60k t/y)
- Upgrading of sorting station (8k t/y) & revamping of recycling platform
- Acquisition of collection equipment

Objectives of EIB loan:

- Climate Action and Environmental Sustainability (80%)
- Waste collection (58%)



BELFIUS SMART CITIES, CLIMATE & CIRCULAR ECONOMY (BELGIUM)

EIB Financing: EUR 200m

EIB Product: Framework Loan

Total project cost: EUR 400m

Borrower: Belfius Banque; **Promoters:** Local & regional authorities, municipal & regional enterprises & private promoters

What is it about:

- Multi-scheme operation including urban development and renewal, urban infrastructure, energy (RE & EE), sustainable mobility, water and solid waste schemes over the period 2016-2021.
- "Smart Cities" covers integrated projects combining several dimensions at the same time

Objectives of EIB loan:

- Climate Action and Environmental Sustainability (25%)
- Cohesion (25%)
- Environmental Protection and Natural Resource Efficiency (17%)



[Belfius Smart Cities and sustainable development \(youtube.com\)](https://www.youtube.com/watch?v=...)

DE LAGE LANDEN CIRCULARITY L4SME-MIDCAPS (NL & BE)

EIB Financing: EUR 225m

EIB Product: 2 MBILs

Total project cost: EUR 630m

Borrower/Promoter: De Lage Landen International BV (DLL)

What is it about:

- Providing customers with access to equipment finance at various stages of an asset's life cycle
- Facilitating the remanufacturing or refurbishment of used assets through DLL's Life Cycle Asset Management programme.
- Encouraging SMEs and Mid-Caps to lease, rather than purchase, assets and helps suppliers to transition from selling assets to selling services in more sustainable circular business models.

Objectives of EIB loan:

- Environmental Protection & Natural Resources Efficiency (30%)
- SMEs/Mid-Caps (70%)



WWW.CIRCULARCITYFUNDINGGUIDE.EU



Developed as an EIB led action under the Urban Agenda Partnership on Circular Economy

Prepared by EGEN& Innovation Engineering under EIAH funding



Join #CircularCityFundingGuide group



THANK YOU

[HTTPS://WWW.LINKEDIN.COM/IN/ROBERTORANDO](https://www.linkedin.com/in/robertorando)



European
Investment Bank



Circular Cities & Regions Initiative



European Investment Bank



**F2F matchmaking –
Connecting cities/regions’
projects with potential
partners and/or investors**



Circular Cities & Regions Initiative



European Investment Bank



Elevator pitches | Get to know who is who



**Circular
Cities & Regions
Initiative**

Knowledge Hub

Circular Cities and Regions Initiative Knowledge Hub (K-CCRI)

Coordination and support action (CSA)

Mireia Ferri



**Circular
Cities & Regions
Initiative**

Knowledge Hub

Presentation of the CCRI Knowledge Hub



**Funded by
the European Union**



About the CCRI Knowledge Hub

Title: **Knowledge hub** to leverage existing initiatives and projects to foster the adoption of Circular economy in Cities and Regions In Europe

Duration: 36 Months (January 2024 – December 2026)

Type: EU-funded project under Horizon Europe (Coordination and Support Action)

Objective: to increase the impact of the existing CCRI by enlarging the network of involved stakeholders, bringing together the knowledge and critical mass already developed around Circular Economy implementation and building upon the CE stakeholder platform.

Partners: 11 EU-wide partners

What the CCRI Knowledge Hub brings to regions and cities?

KNOWLEDGE HUB

Marketplace for enabling technologies (catalogue)

Additional resources (reports, tools, methods, good practices...) some of them elaborated within K-CCRI and other coming from a mapping exercise -> all responding to Relevance and usefulness criteria

Customised support:

1. Diagnostic tool of the city/region readiness level
2. Personalised support: mentoring and capacity building activities

Policy recommendations and sustainability

How? Our method

PHASE 1

Identifying and systematising knowledge

PHASE 2

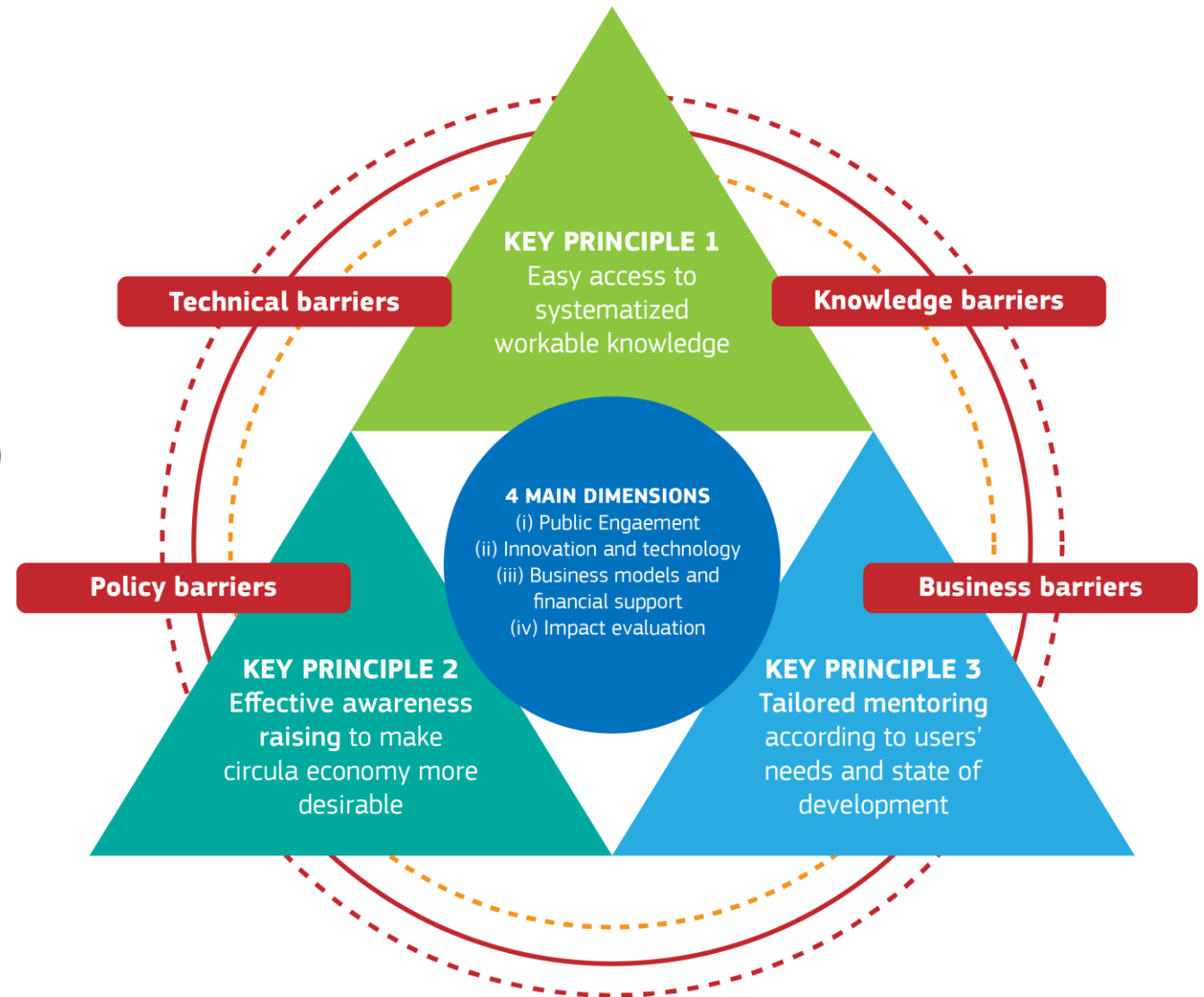
Expanding/spreading customised knowledge

PHASE 3

Bringing knowledge to policy makers and society

K-CCRI's formula

(basis of the capacity building formula)



Thank you!



Circular
Cities & Regions
Initiative

Knowledge Hub



Funded by
the European Union

Check out the CCRI website
for more information:
<https://circular-cities-and-regions.ec.europa.eu/>





Uudenmaan
kiertotalouslaakso

Helsinki-Uusima Circular Valley

CCRI Pilot

Simo Karetie



Uudenmaan
kiertotalouslaakso

Case Helsinki-Uusimaa Circular Valley

Simo Karetie, Project Manager
Helsinki – Uusimaa Circular Valley



Uudenmaan liitto
Nylands förbund

Osarahoitettu Uudenmaan liiton myöntämällä Alueiden kestävän kasvun
ja elinvoiman tukeminen -määrärahalta (AKKE-rahoitus)

What is the Helsinki-Uusimaa Circular Valley?

A regional initiative promoting system-level change towards the circular economy.

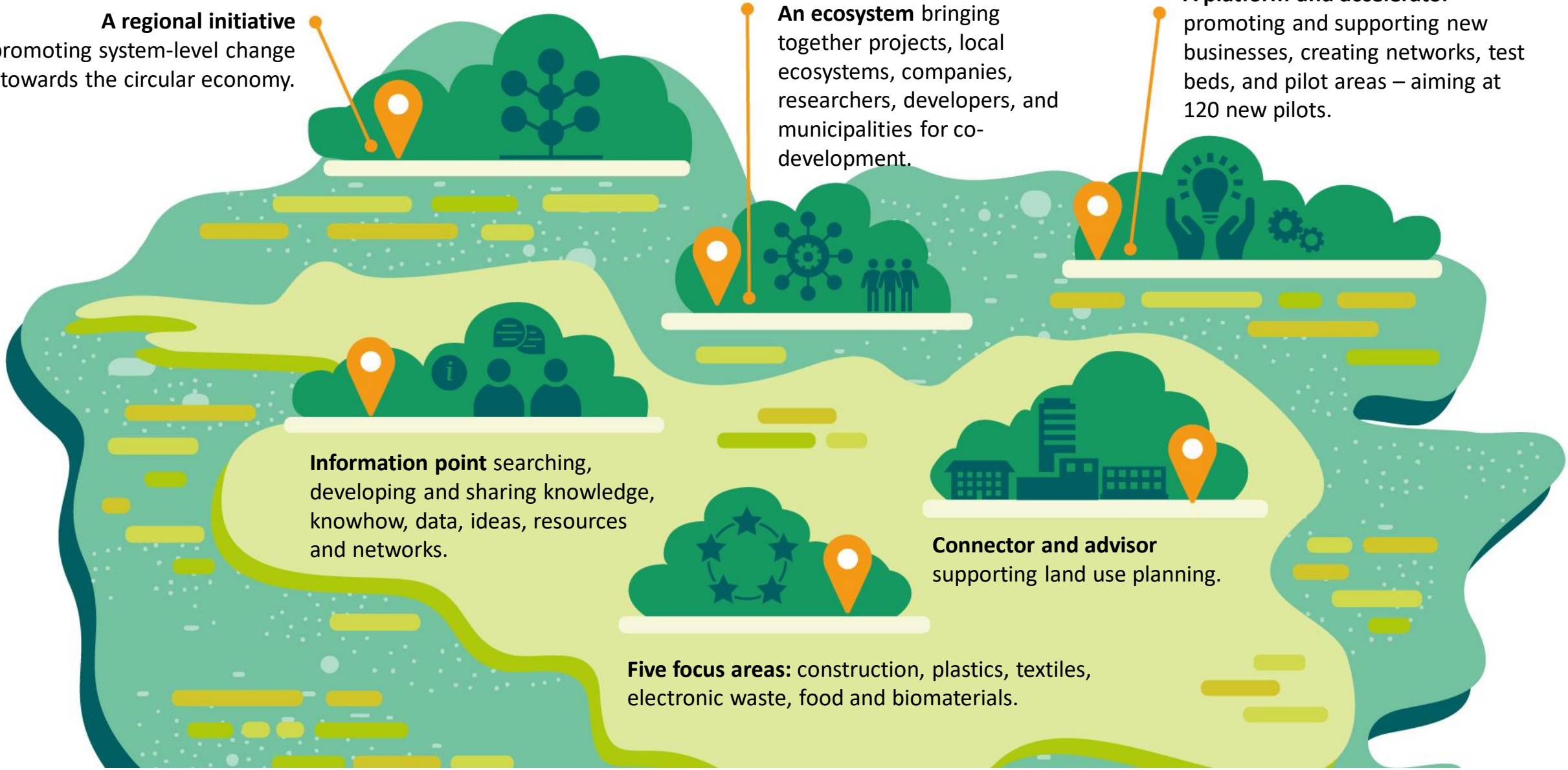
An ecosystem bringing together projects, local ecosystems, companies, researchers, developers, and municipalities for co-development.

A platform and accelerator promoting and supporting new businesses, creating networks, test beds, and pilot areas – aiming at 120 new pilots.

Information point searching, developing and sharing knowledge, knowhow, data, ideas, resources and networks.

Connector and advisor supporting land use planning.

Five focus areas: construction, plastics, textiles, electronic waste, food and biomaterials.



FINLAND – LOCAL SOLUTIONS ARE BORN HERE

Handbook

Discover circular economy innovations in Finland

The handbook *Local Solutions Are Born Here* is a publication produced by the Helsinki-Uusimaa Circular Valley, showcasing best practices in the circular economy in Finland to the rest of the world.

The featured cases serve as exemplary models of circular economy, with a particular focus on regional collaboration and public-private partnerships.

The articles concentrate on themes related to construction, textiles, and industrial symbiosis.

Find out more about circular
economy innovations:



FINLAND – LOCAL SOLUTIONS ARE BORN HERE

Helsinki Circular Economy Cluster Program

- Helsinki Circular Economy Cluster Program promotes circular economy innovations and business in construction by launching pilots, developing tools and providing trainings




Kilpilahti business area in Helsinki-Uusimaa

- The Kilpilahti business area in Porvoo develops the circular economy and saves natural resources by turning industrial waste and secondary streams into valuable raw materials



Posintra





**Helsinki-Uusimaa Circular Valley
Local solutions are born here!**



HOOP Project

Project Development Assistance (PDA)

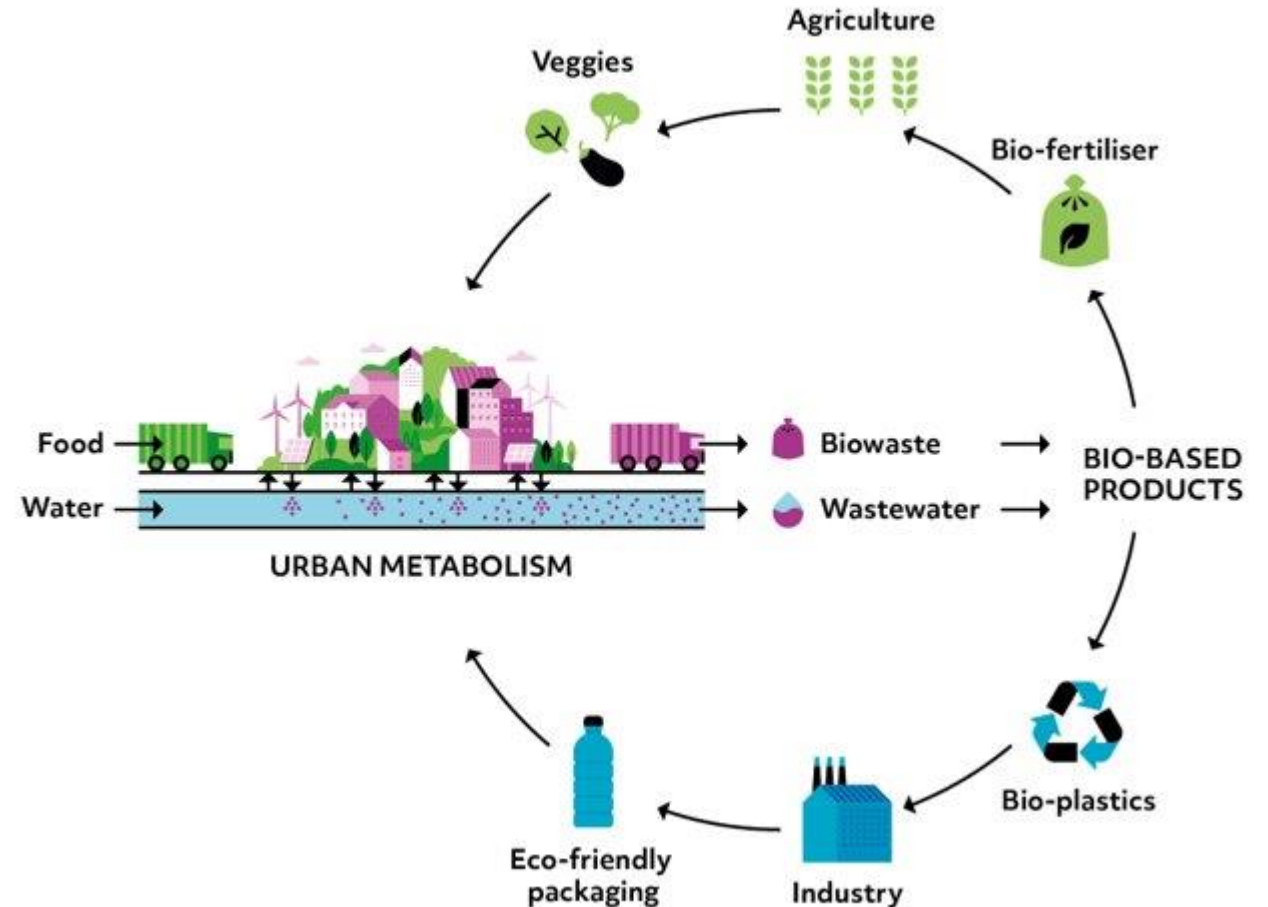
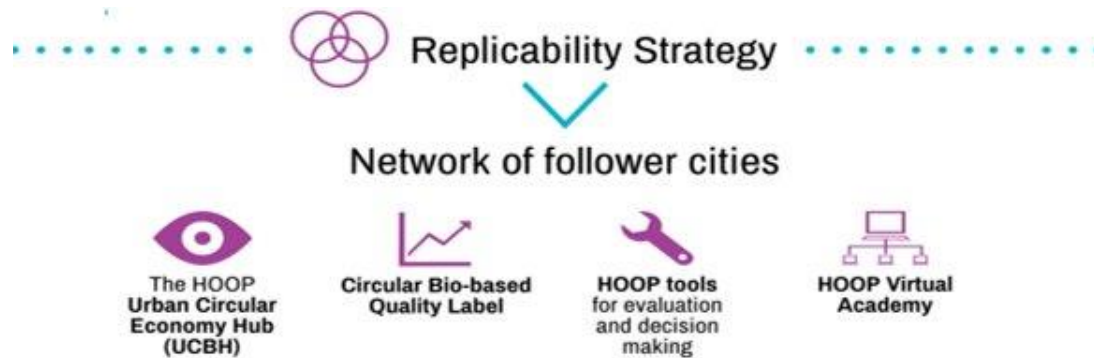
Serena Lisai

Vision for a Urban Circular Bioeconomy



HOOP supports **8 lighthouse cities and regions** in developing large-scale **urban circular bioeconomy initiatives** that will focus on making bio-based products from **urban biowaste and wastewater**.

The HOOP network of cities will create an **online platform** to foster knowledge exchange and replication in cities across Europe.



The HOOP project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°101000836

The HOOP Hub: the HOOP Universe



Network Evaluate Learn Tools Request News Events Forum Contact

Login

Register

Welcome to the HOOP Urban Circular Bioeconomy Hub!

The Bioeconomy Hub provides resources and tools to improve the valorisation of biowaste and wastewater by cities and regions



<https://hoop-hub.eu/>

Click here to participate in the on-line Forum of Circular Bioeconomy

[Go to the Forum](#)



Network

with Municipalities and waste and wastewater management companies around Europe

[Join the HOOP Network →](#)



Evaluate

the progress of your city or region towards biocircularity and the circular valuation and maturity level of your projects

[Try our evaluation tools →](#)



Learn

about state-of-the-art technologies, strategies and best practices

[Browse our Virtual Academy →](#)



Get support

from project developers and investors to get technical support and mobilise green financing

Get 136 →

**circular
invest**



**Definite
CCRI**

DEFINITE-CCRI & CircularInvest

Project Development Assistance (PDA)

Alina Mures

Project development assistance

circular
invest

Support project promoters in **accessing the resources** they need to develop impactful circular economy investment projects.

Foster **cross-fertilisation**, peer-to-peer support, knowledge transfer and **networking activities** with a variety of stakeholders and investors.



Definite
CCRI

To **close the gap** between circular economy projects in cities and regions and investors and finance partners.

To **improve the investment viability** of innovative, high-impact circularity projects by mitigating risk and increasing their investment readiness.

SERVICES

Circularity Assessment & Optimisation

Business plan development & due diligence

Project Appraisal & Fundraising

WHY TO PARTICIPATE



Have access to **free**, specialised and **tailor-made project development services** based on your specific needs



Benefit from **knowledge transfer and cross-fertilisation** with other circular economy initiatives



Network with investors, have your project evaluated and **secure financing**

3rd call for CircularInvest is now open!



The 3rd Call is open now and will close on
13 September 2024

<https://www.circularinvest.eu/>

CIRCULAR INVESTMENT READINESS NETWORK

Community of Practice towards
investment ready circular projects



circular
invest





TREASoURcE

TREASoURcE

CCRI demo project

Anna Tenhunen-Lunkka



TREASoURcE

TREASoURcE

**World Circular Economy Forum
Accelerator Session: Cities and regions getting
ahead with the circular transition**

18.4.2024

Anna Tenhunen-Lunkka

anna.tenhunen-lunkka@vtt.fi

TREASoURcE Project Coordinator

Senior Scientist, Project Manager

VTT Technical Research Centre of Finland Ltd



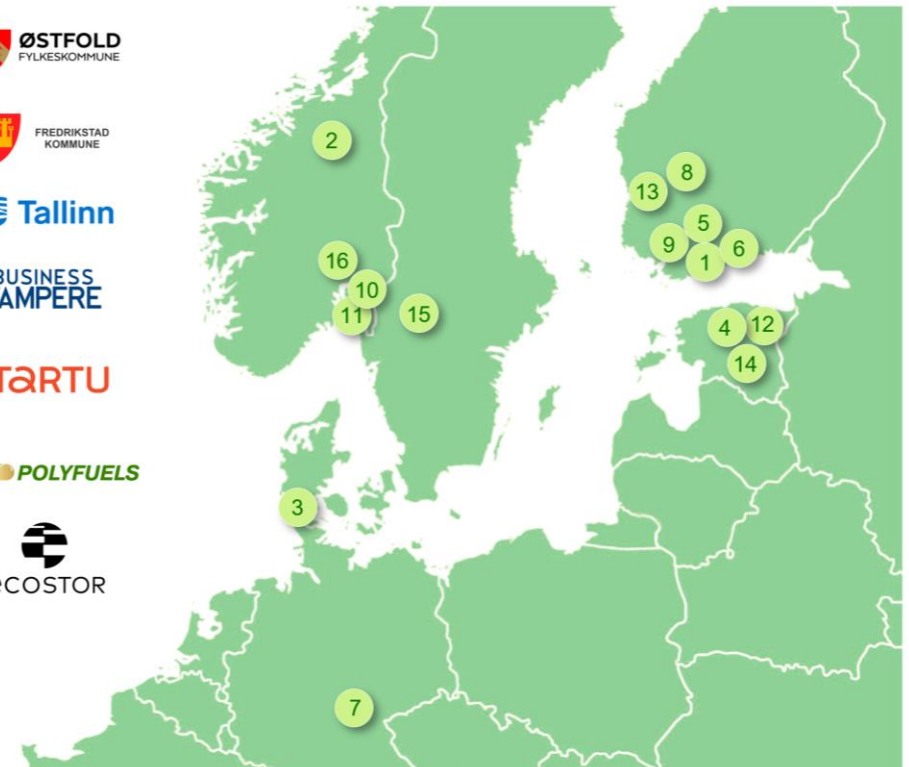
TREASoURcE

TREASoURcE in a nutshell

- **TREASoURcE** aims to initiate systemic change by developing technologies and systemic circular economy solutions in cities and regions for currently underutilised or unused **plastic waste, end-of-life electric vehicle batteries** and **bio-based waste and side streams**.
- We are implementing these solutions together with companies, societies (including citizens, consumers, communities and regional actors) and experts in the field.

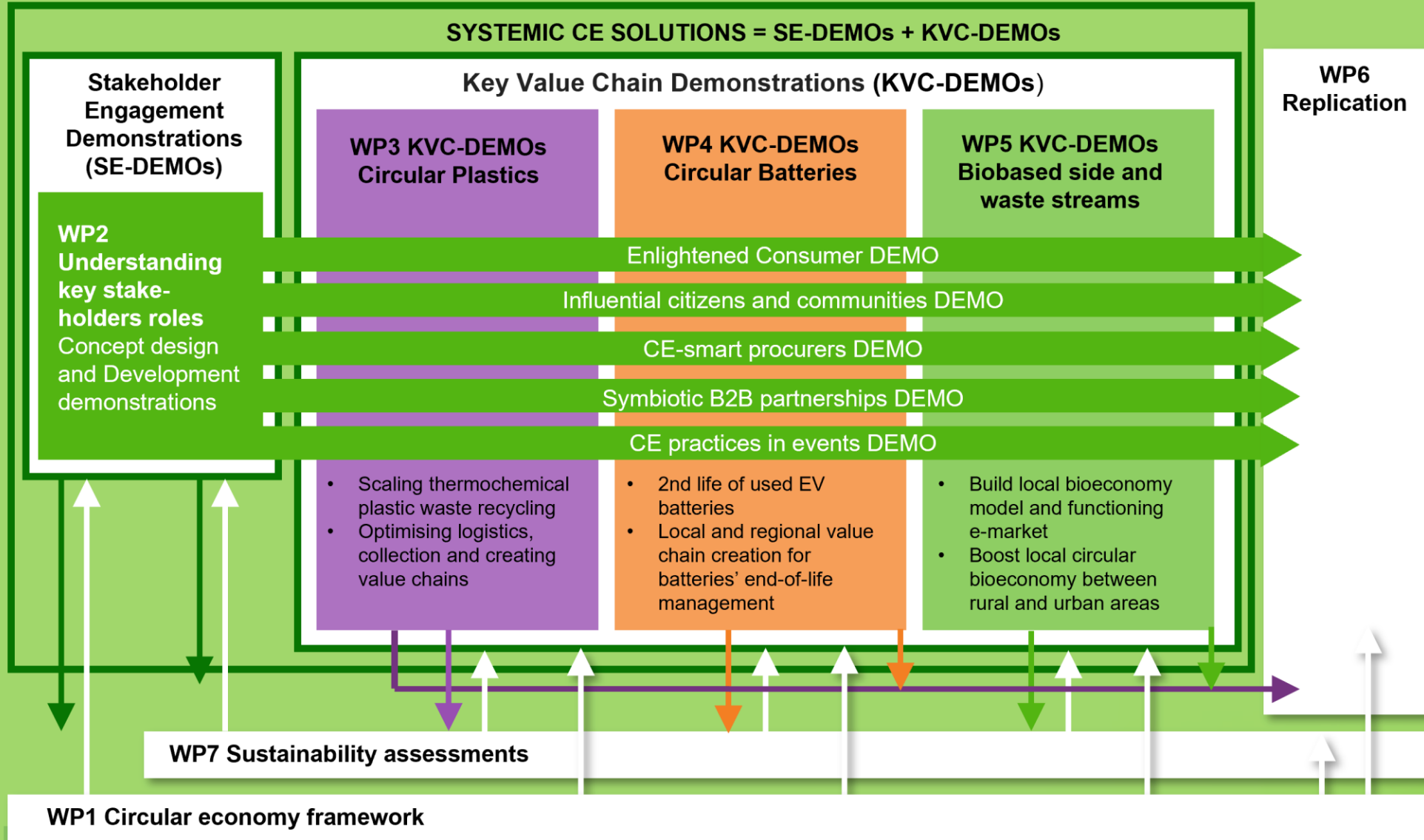
TREASoURcE	
Start	01.06.2022
Duration	4 years
Total budget	9,9 M€
Partners	16 partners + 1 AE (VTT coordinator)
Special about TREASoURcE	CCRI project

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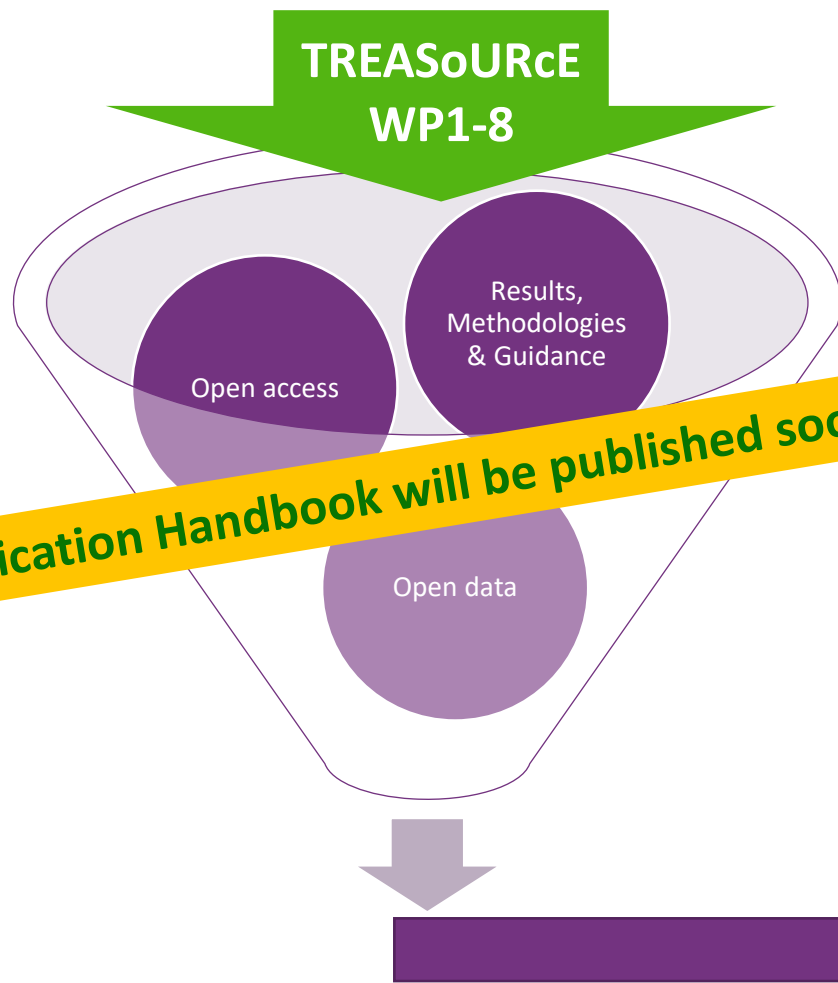




WP8 Communication



Replication handbook: Compilation of all replicable public outputs



The Replication Handbook will be published soon at the TREASoURcE Mid-Term Results Webinar on 29.5.2024!

REPLICATION HANDBOOK

Replication Handbook

Ideas are recyclable.

Research and replicate. You don't need to invent the wheel again. This Handbook will guide to make the right decisions and give advices from your own perspective.

About this handbook

Circular plastics
Capture the value: create added value from non-circulated plastic by optimising recycling technologies and collection.
[Explore solutions for plastics](#)

EV battery recycling
Evaluate possibilities and potential for use of second life EV batteries as building blocks for energy storage systems.
[Explore solutions for batteries](#)

Bio-based waste streams
Power the local economies through new circular bio-economy investments and new business possibilities for rural producers.
[Explore solutions for bio waste](#)



TREASoURcE

Thank you!

www.treasure.eu

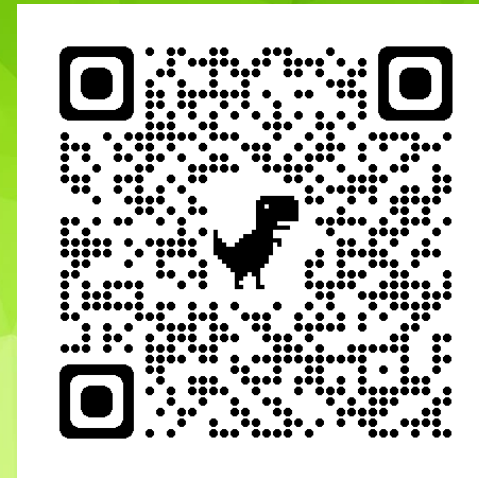
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**Circular
Cities & Regions
Initiative**

Thank you

<https://circular-cities-and-regions.eu/>