

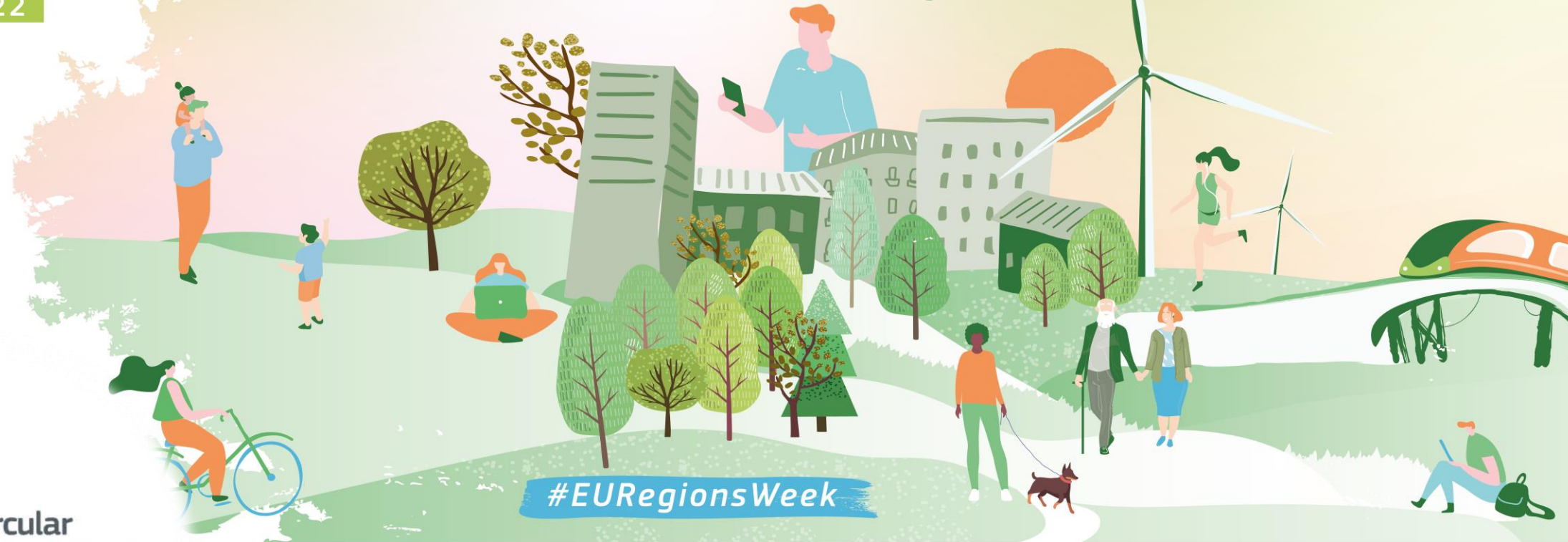


EUROPEAN WEEK OF
REGIONS & CITIES

2003 - 2022

New Challenges for
Europe's Cohesion

Implementing circular systemic solutions in cities and regions



#EURegionsWeek



Circular
Cities & Regions
Initiative

Info Session | 13 October 2022

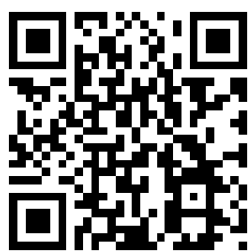




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2003 - 2022

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Please edit your name to reflect your municipality or organisation.



Please put any question you may have into the chat of slido.
Note that there will also be polling questions proposed throughout the session.

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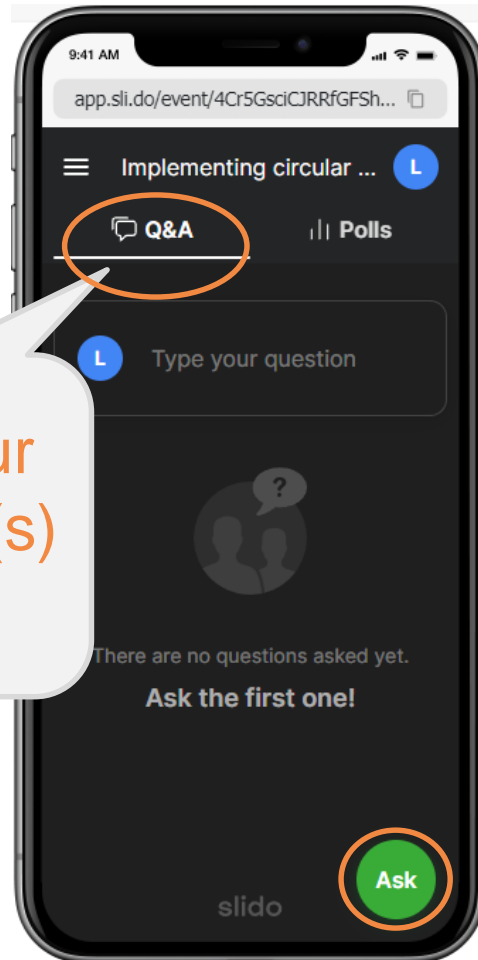
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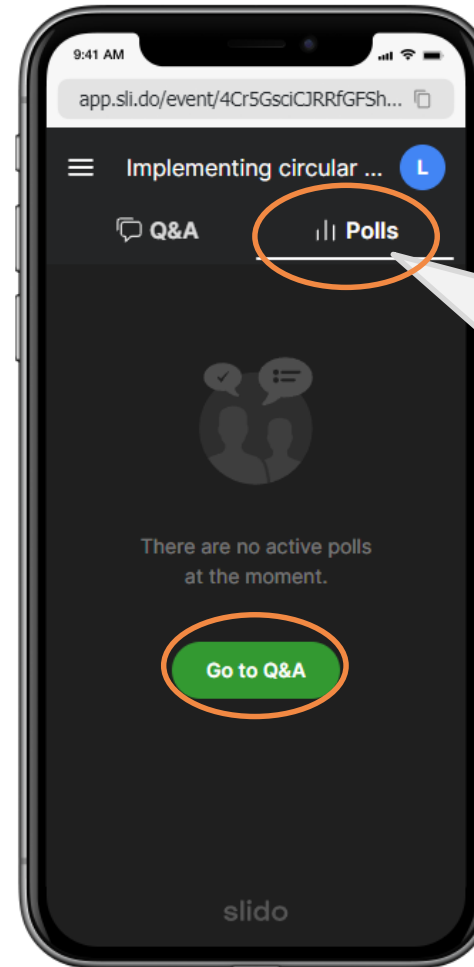
New Challenges for Europe's Cohesion



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Post your
question(s)
here



Take
part in
the polls
here

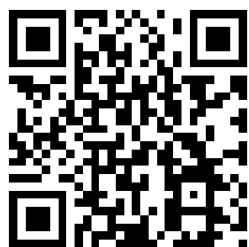




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New Challenges for Europe's Cohesion



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Agenda

- 12.30 Welcome and introduction by moderator
- 12.32 Introduction to the Circular Cities and Regions Initiative
- 12.37 Circularity in construction: waste reduction and systemic reuse of materials
| City of Asker, NO (CCRI Pilot)
- 12.45 Circularity in solid waste management | Region of Central Macedonia, GR
(CCRI Fellow)
- 12.53 Q&As & open debate
- 13.28 Conclusions & wrap-up





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Speakers

New Challenges for Europe's Cohesion



Circular
Cities & Regions
Initiative



Lucie Blondel

European
Commission



Andrea Accorigi

Circular Cities & Regions
Initiative Coordination &
Support Office



Martin Hafsaht

Asker Municipality



Chrysanthi Kiskini

Central Macedonia
Region

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Ice-breakers questions

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**New Challenges for
Europe's Cohesion**

Introduction to the Circular Cities and Regions Initiative



Andrea Accorai
CCRI Secretariat

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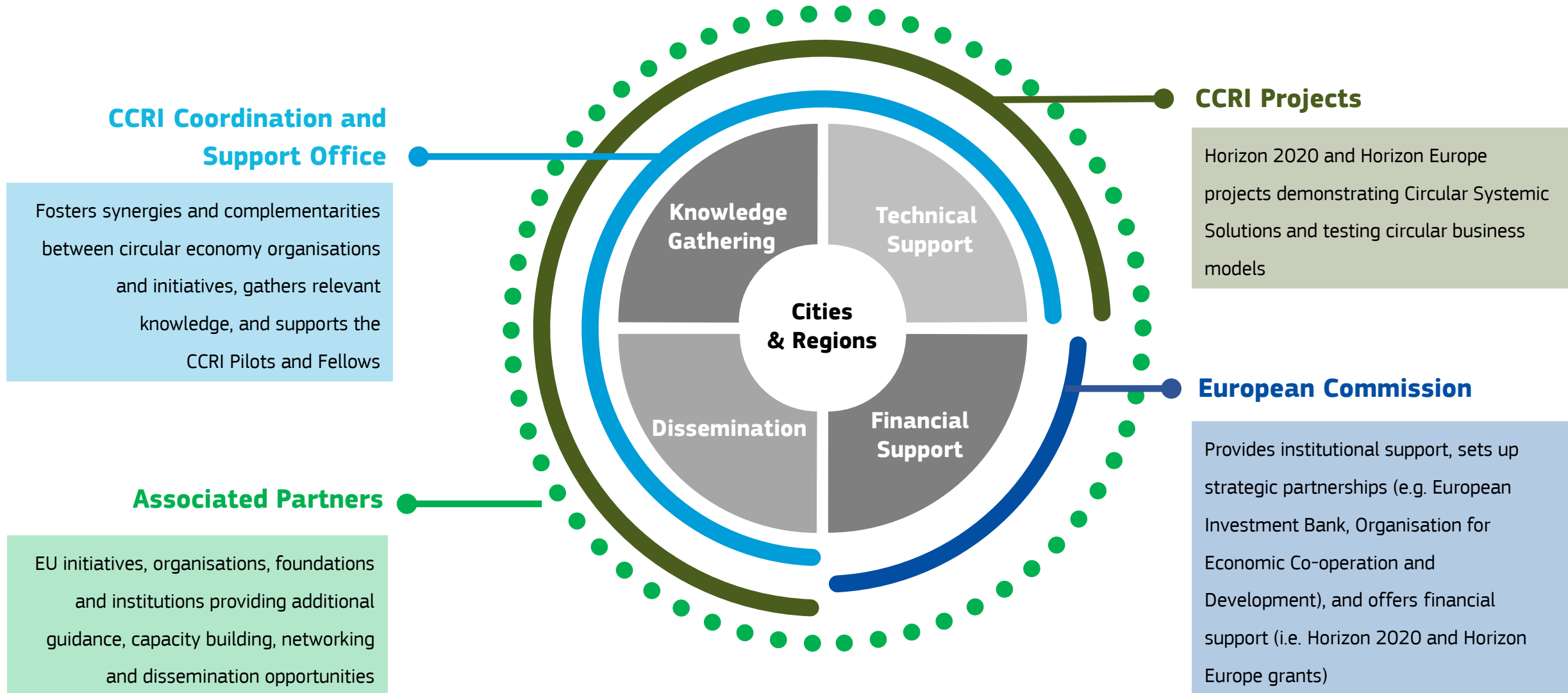


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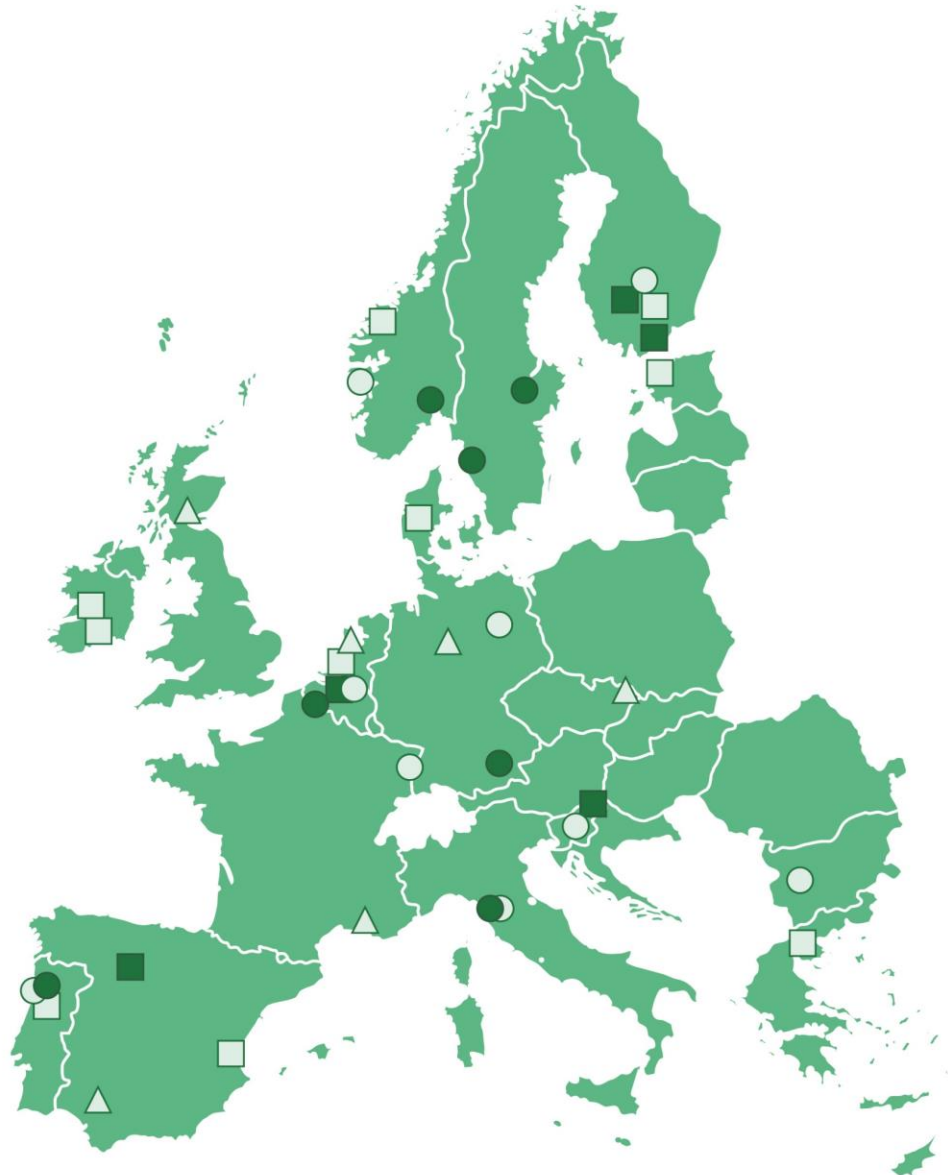
Introduction to the Circular Cities and Regions Initiative (CCRI)

European Week of Regions and Cities

A Multi-stakeholder Collaboration & Support Scheme



Circular Cities & Regions Initiative - Pilots and Fellows Map



Key

- City
- Region
- Territorial Cluster

Pilots

Asker		NO
Capannori		IT
Castilla y Leon		ES
Flanders		BE
Gothenburg		SE
Guimaraes		PT
Helsinki-Uusimaa		FI
Munich		DE
Podravje-Maribor		SL
Roubaix		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
Ea éco-entreprises		FR
Eurométropole de Strasbourg		FR
Grosuplje		SL
Ireland-West		IE
Jyväskylä		FI
Lääne-Harju		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



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Commission



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



helpdesk@circular-cities-and-regions.eu



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EU Science & Innovation



Circular Cities and Regions Initiative (CCRI)



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**New Challenges for
Europe's Cohesion**

**Circularity in construction: waste reduction
and systemic reuse of materials**
Perspective of a CCRI Pilot



Martin Hafsaal
Asker Municipality

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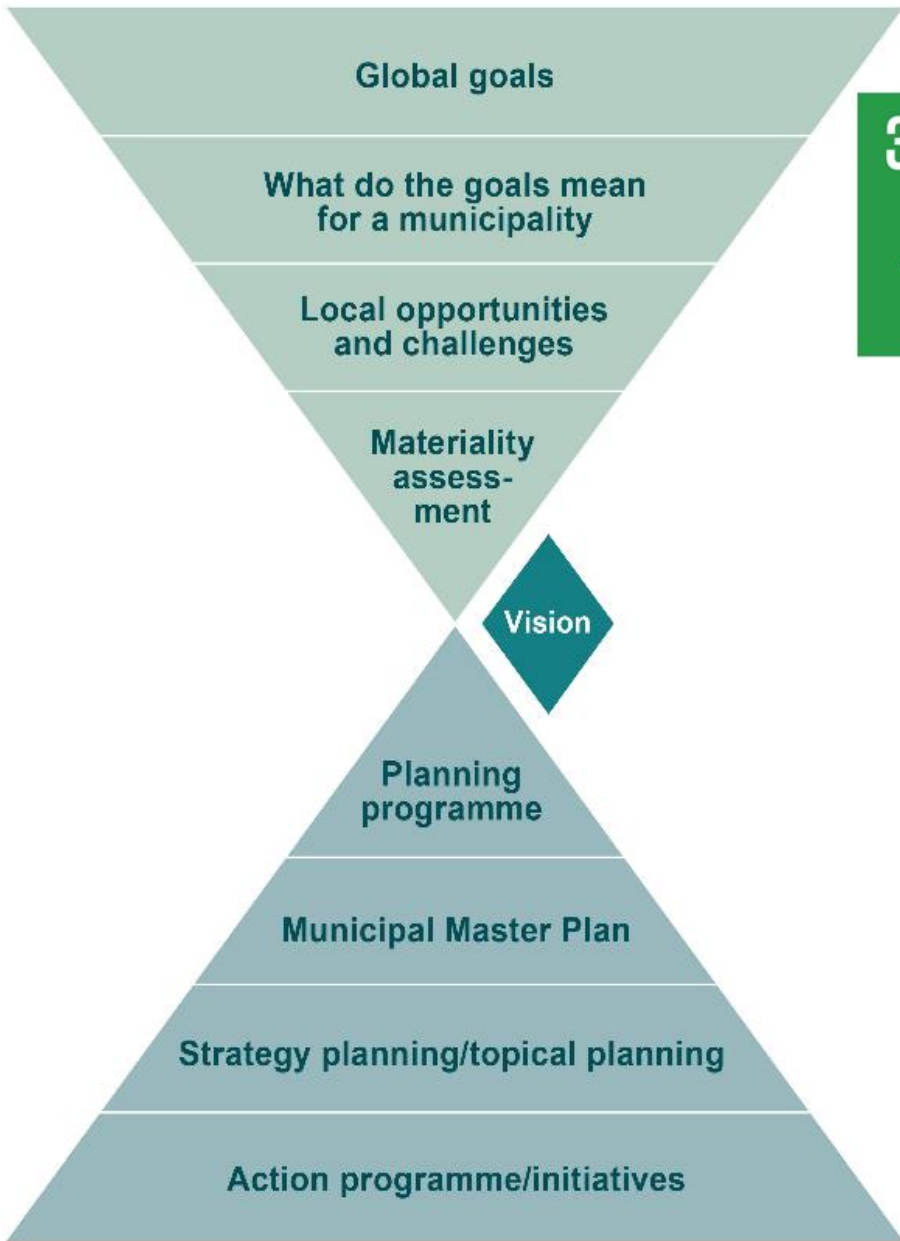


2016



2020





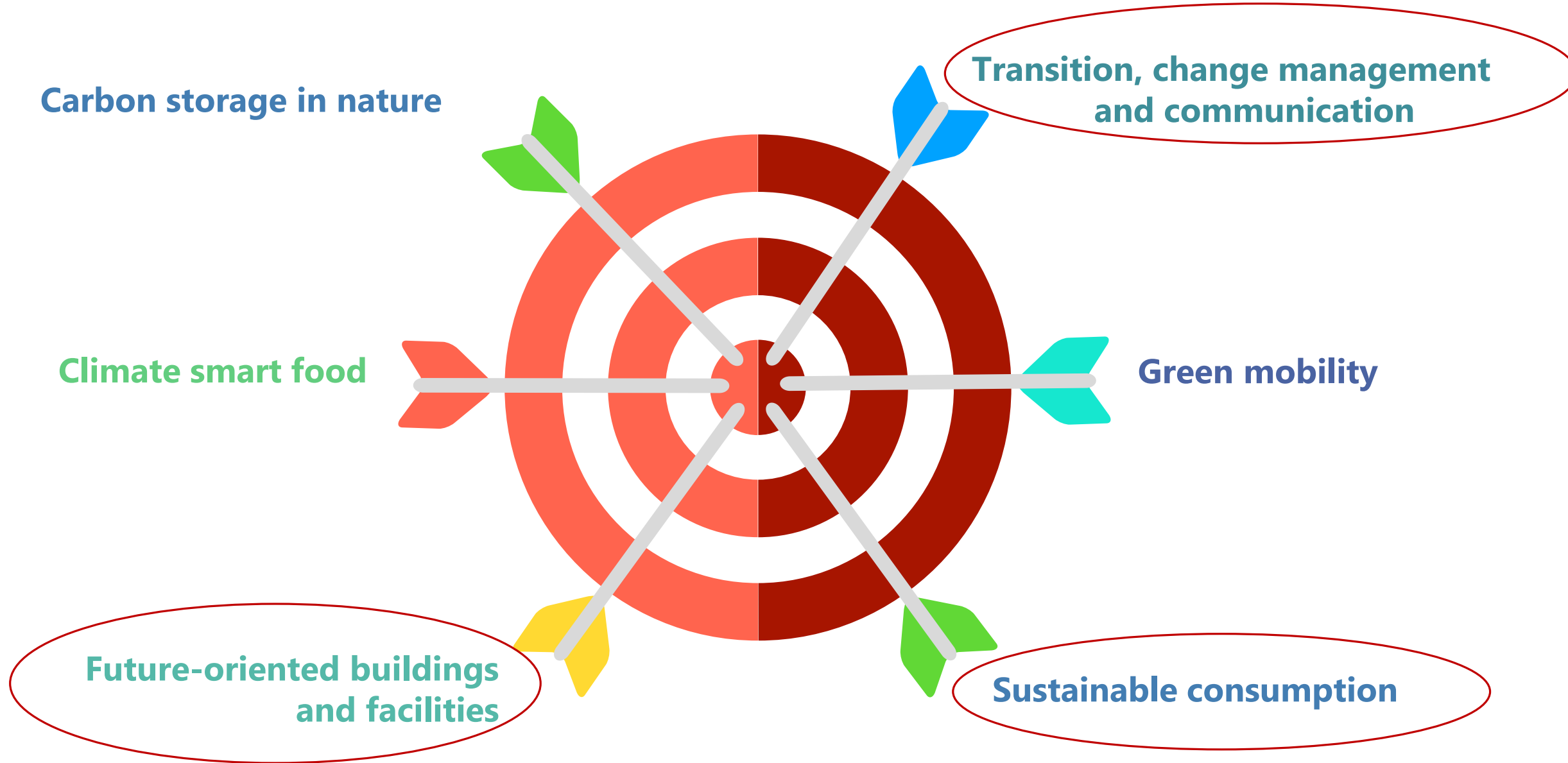
Social inequality

Transport and mobility

Consumption & resource management

Digitalization & smart technology

Climate action plan 2021-2033



Circular economy initiatives in Asker

Citizens engagement



Sustainable consumption advocacy (communication)



Redesign and repair workshops



Annual Reuse-festival & swapping market



Free advisory service: Renovation



Free advisory service: Energy



Reuse shops: building materials, sports, furniture, equipment



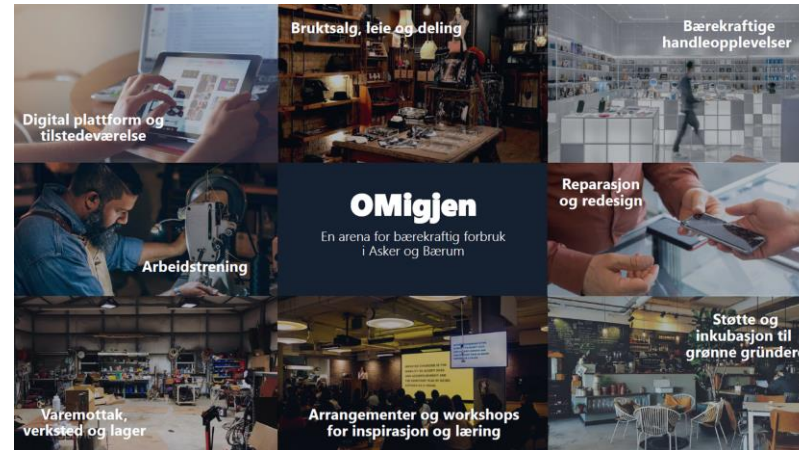
Work training centres: repair and redesign



Circularity General

OMigjen: Circular Shopping Mall

1500 m² opens 2022 @ Slemmestad



Construction and demolition

Zero emission building sites

Zero waste building sites

Mobile battery containers

NADA! "New procurements for documented waste reduction"

Piloting fossil-free sewage- and water pipes

Digital monitoring and reporting systems for electric construction machines

Reuse and redesign: Office furniture project

Case: Nedre Sem: Dismantle, reuse, rebuild: zero energy, zero emission



Circular Systemic Solution:

Collaborate to develop and test a system for reuse of building materials:

- **Digital system** for registration, mapping, ordering
- Standardization of materials, categories, properties and certificates
- **Business model** for reuse of surplus materials and demolition projects
- Best practice logistics model for **physical flow** of materials (including storage)
- Comprehensive decision-making assessment for life cycle valuation criteria: renovation vs demolition



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**New Challenges for
Europe's Cohesion**

Circularity in solid waste management
Perspective of a CCRI Fellow



Chrysanthi Kiskini

Central Macedonia
Region

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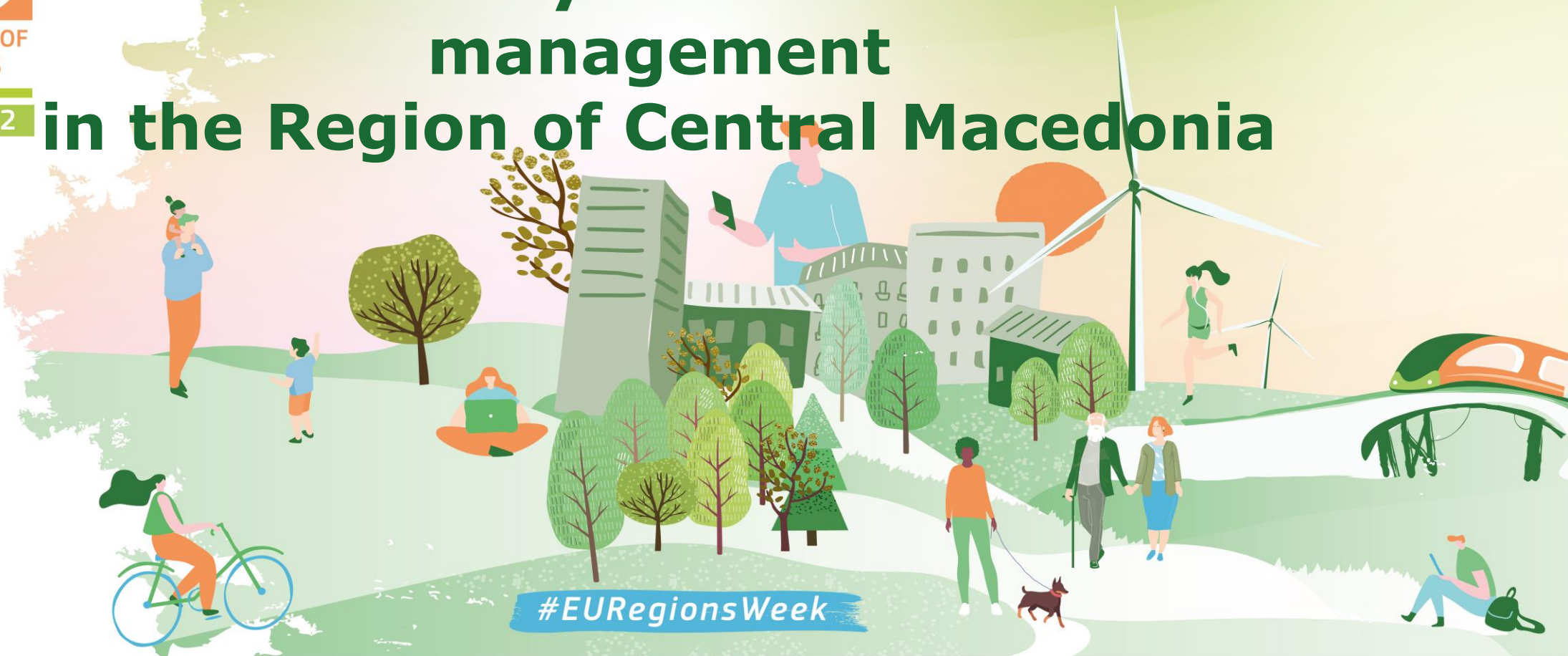


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New Challenges for
Europe's Cohesion

Circularity in solid waste management in the Region of Central Macedonia



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CHRYSANTHI KISKINI
REGIONAL DEVELOPMENT FUND OF CENTRAL MACEDONIA





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OUR OBJECTIVE

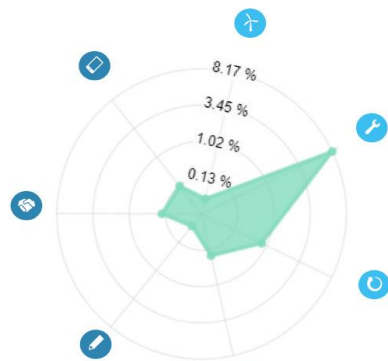
The transition towards a **sustainable, regenerative, and just circular economy** needs to change the mindset of society and this, in turn, will be reflected in the economy of Region of Central Macedonia (RCM).

New Challenges for
Europe's Cohesion

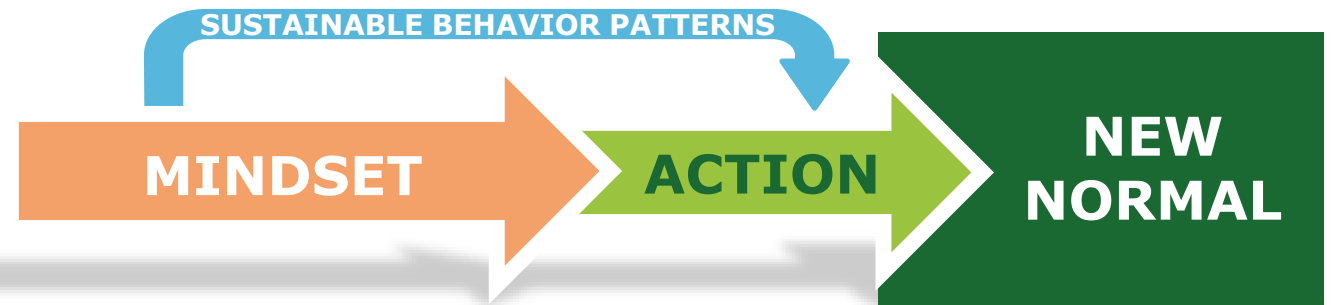
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CIRCULAR JOBS IN THE REGIONAL UNIT OF THESSALONIKI

Total Jobs 419,560
Total Circular Jobs 75,689 18%



Category	Jobs	Percentage
Core	37,718	9%
Use Waste as a Resource	3,387	0.81%
Sustain And Preserve What is Already There	34,271	8.17%
Prioritize Regenerative Resources	60	0.01%
Indirect	33,514	7.99%
Enabling	2,131	0.5%
Team Up to Create Joint Value Model	710	0.17%
Incorporate Digital technology	517	0.12%
Design for the Future	43	0.01%
Rethink the Business Model	861	0.2%



Circularity needs to become the **new normal** and not a mere aspect of development.

The Regional Unit of Thessaloniki has a large potential in employment opportunities in the Circular Economy.
Source: <https://www.circular-jobs.world>





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OUR STATUS

One of the major challenges of RCM is the **sustainable management of solid waste**.

The RCM lags in the achievement of quantitative objectives in this sector.



The RCM focuses on four major sectors for the implementation of the transition to a circular economy: Waste management, the agro-food sector, tourism and textiles.

From research and actions of the bodies of the Region, waste management is the most prominent challenge in the Region.

Lack of infrastructure in the Region of Central Macedonia

Main factors for the lag in achieving the quantitative objectives in sustainable management of solid waste

Need to restructure the system of collection and sorting at source

New Challenges for Europe's Cohesion

.3





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OUR APPROACH

In order to achieve the targets until 2030, the **increase of the separation at source** is required.

New Challenges for
Europe's Cohesion

.4

Strengthening
of sorting at
source
infrastructure

How can we
increase separation
at source in the
Region?

Greater
public
awareness



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OUR APPROACH

In order to achieve the targets until 2030, the **increase of the separation at source** is required.

New Challenges for
Europe's Cohesion

.5

Strengthening
of sorting at
source
infrastructure

The Regional Operational Program of Central Macedonia 2021-2027 will focus on the **development of the network of green points** or other infrastructure to strengthen the "sorting at source" at local level.

In **15/38 Municipalities** of the Region of Central Macedonia are in the course of installing green points, as part of an ongoing action to establish and expand the network of green points within the Region.

More than **35.000 brown bins** will be placed in the Metropolitan Area of Thessaloniki as well as in other cities of RCM



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OUR APPROACH

In order to achieve the targets until 2030, the **increase of the separation at source** is required.

New Challenges for
Europe's Cohesion

.6

Greater Public Awareness

The methodology to achieve greater public awareness includes actions targeted both for **citizens** and **enterprises** aiming to develop **sustainable behavior patterns**.

Targeted actions for citizens will include specialized approaches for different categories of population such as students, members of ethnic minorities, and the elderly

Targeted actions for enterprises will include workshops for stakeholders, the construction of an open database on waste management issues, and the creation of a web library of good practices on circularity



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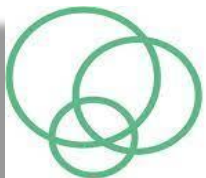




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As part of the community of Circular Cities and Regions Initiative, the Region of Central Macedonia with the support of the Regional Development Fund of Central Macedonia aspires to **exchange knowledge**, to **enhance its actions**, and to **empower its extroversion** towards a more circular economy and a more sustainable future for all of Europe.



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Regional Development Fund
of Central Macedonia



REGION OF
CENTRAL
MACEDONIA
GREECE

New Challenges for Europe's Cohesion

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Circular Cities & Regions Initiative - Pilots and Fellows Map



Key
● City ■ Region ▲ Territorial Cluster

Pilots	
Asker	● NO
Capannoni	● IT
Castilla y Leon	■ ES
Flanders	■ BE
Gothenburg	● SE
Gulmanas	● PT
Helsinki-Uusima	● FI
Munich	● DE
Podravske-Maribor	■ SL
Roubaix	● FR
Tampere	● FI
Uppsala	● SE

Fellows	
Bergen	○ NO
Berlin	○ DE
Central Denmark	□ DK
Central Macedonia	□ EL
Comunitate Valenciana	□ ES
Comunidade Intermunicipal Visou Dão Lafões	□ PT
Ea Aco-entreprisias	△ FR
Eurometropole de Strasbourg	□ FR
Groepoefje	○ SL
Ireland-West	□ IE
Jyväskylä	○ FI
Lääne-Harju	□ EE
Luoven	○ BE
Lucca	○ IT
Matosinhos	○ PT
Metropolitan Region of Amsterdam	△ NL
Møre and Romsdal	□ NO
Pajait-Härne	□ 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

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**THANK YOU
FOR YOUR
ATTENTION**

**New Challenges for
Europe's Cohesion**

.7

CHRYSANTHI KISKINI
Architect, MA in Environmental
Studies

Head of the Department of European
Union Projects

C.KISKINI@RDFCM.GR



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Regional Development Fund
of Central Macedonia



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Q&A session

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Next steps

- Join the **CCRI virtual stand** and meet the CCRI team
- Subscribe to the CCRI Newsletter and register to the upcoming CCRI events

New Challenges for Europe's Cohesion



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- Join the **Horizon Europe (Cluster 6) Info Days** on 13-14 December and take part in the **Brokerage Event** on 19 December

EUROPEAN UNION

Cluster 6 |
**FOOD, BIOECONOMY,
NATURAL RESOURCES,
AGRICULTURE &
ENVIRONMENT**

#HorizonEU

INFO DAYS
13-14 December 2022

BROKERAGE
19 December 2022

THE EU RESEARCH & INNOVATION PROGRAMME 2021 - 2027
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Thank you for your attention



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