Welcome to the Webinar on funding opportunities for Small and Medium Sized Cities

The webinar will start soon
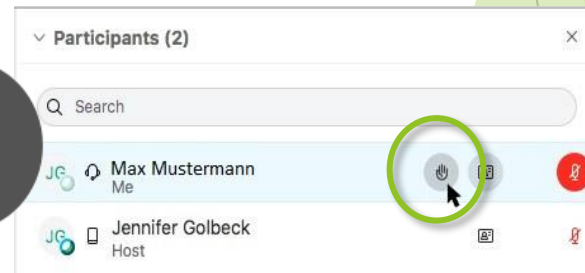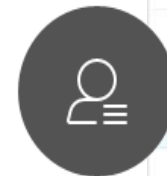
In the meantime, please make sure to follow the Webex-Rules here below:

1. Mute your microphone

2. Turn off your camera

3. Use the chat function for questions

# EU funding for Small & Medium Sized Cities in the next programming period

9th of June

Technical information

▶ AUDIO/VIDEO : please, make sure you **turn off your microphone and camera** during the presentations !

▶ You can use the **chat box** if you want to ask a question

▶ All the presentations will be made available after the webinar.

▶ The presentation will be recorded and shared with the participants.

Information about the meeting

Meeting panels
- Participants
- Chat
- Notes

Meeting toolbar
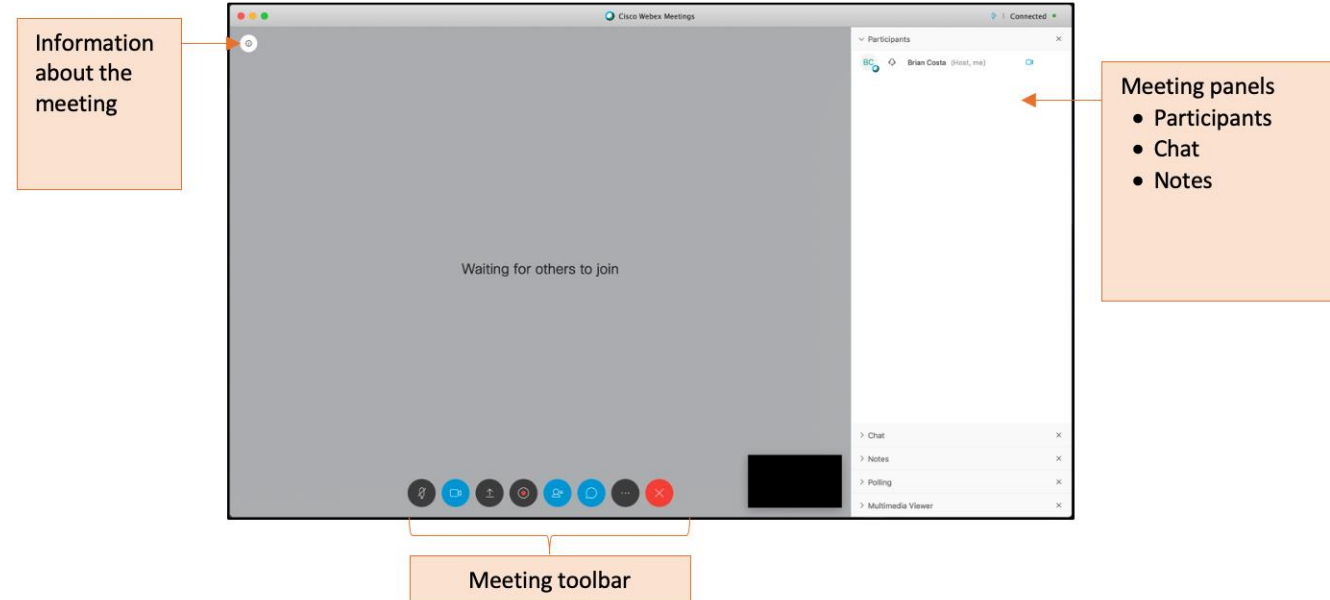
Chat

Presentation of the organising team

Pieter FABER
Cities Northern Netherlands

Annelie ZAPFE
Thuringia EU Office

Niklas JOHANSSON
North Sweden EU Office

Angèle LIAIGRE
Pays de la Loire Europe

Anna KRÄMER
Cities Northern Netherlands

Adam ANDERSSON
South Sweden EU office

Miia PAANANEN
Turku-Southwest Finland EU Office

Introduction

Moderator: Pieter FABER, Cities Northern Netherlands

13:30	**Welcome & Introduction** *(Moderator: Pieter FABER - Cities of Northern Netherlands)*
13:40	**Short overview - Interesting European programmes for SMCs** Angèle LIAIGRE (Pays de la Loire Europe)
13:50	**Presentations by the European Commission and the European Investment Bank (EIB): what opportunities for SMCs in the next MFF?** *Each ca 15 mins, with time for discussion after each presentation.* - Philippe FROISSARD (DG RTD): Upcoming opportunities in Horizon Europe, incl. a focus on the missions and on Cities and partnerships - Jonas BYSTRÖM (EIB): Circular Economy and Environment funding opportunities for cities, incl. a focus on the "Circular City funding guide" - Eddy HARTOG (DG CONNECT): Smart Cities & Digitalisation
14:55	**Closing remarks** Miia PAANANEN (Turku-Southwest Finland European Office)

European sectoral programmes (2021-2027)

Several funding mechanisms available for different types of actions :

✓ Research and Innovation: **Horizon Europe** (€95 billions)

✓ Transport, Energy, Telecom: **Connecting Europe Facility** (€42,3 billions, incl. €30 billions on transport)

✓ Education and training: **Erasmus+** (€30 billions)

✓ Environment : **LIFE** (€5,4 billions)

✓ Culture: **Creative Europe** (€1,85 billions)

✓ Support to regional policies and projects: **Interreg** (€8,4 billions)

✓ Funding of urban projects: **European urban initiative** (€500 millions)

✓ Programme to support the digital transition: **Digital Europe** (€9,2 billions)

✓ Follow-up of the Juncker Plan: **InvestEU** (€38 billions)

NB : the indicated budgets might be subject to revision depending on the ongoing negociations on the MFF and new measures implied by the Recovery Plan

A Programme dedicated to cities

Introduction to the **European Urban Initiative**

PILLAR 1

Support for capacity-building (20% of the budget)

Based on the URBACT programme (and Urban Development Network)

PILLAR 2

Support for innovative actions (60% of the budget)

Based on the Urban Innovative Actions (UIA) programme

PILLAR 3

Support for knowledge, policy development and communication (20% of the budget)

Based on the Urban Agenda for the EU

Objectives:
1. To improve the capacity of cities to design and implement sustainable urban development strategies,
2. To develop transferable and scalable innovative solutions to urban challenges,
3. To create a shared knowledge base on sustainable urban development.

Careful : the programme is still under preparation !

Horizontal programmes in which cities can participate

Horizon Europe
Smart Cities, Mission on « Climate neutral and smart cities », regular calls involving local authorities (e.g. Green Deal Call)

LIFE
European programme dedicated to the support of climate action and environment

Interreg
Support to the exchange of best practices between Regions, incl. financial support to local projects

Useful Links

- Horizon Europe: https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme_en

- LIFE : https://ec.europa.eu/easme/en/life

- Interreg : https://interreg.eu/

- Digital Europe : https://ec.europa.eu/digital-single-market/en/news/digital-europe-programme-proposed-eu92-billion-funding-2021-2027

- European Urban Initiative: https://ec.europa.eu/regional_policy/sources/docgener/brochure/explanatory_memo_eui_post_2020_en.pdf

- European Urban Agenda: https://ec.europa.eu/futurium/en/urban-agenda

- Urban Innovative Actions: https://www.uia-initiative.eu/en

- URBACT : https://urbact.eu/

- All information on European opportunities for cities: https://ec.europa.eu/info/eu-regional-and-urban-development/topics/cities-and-urban-development_en

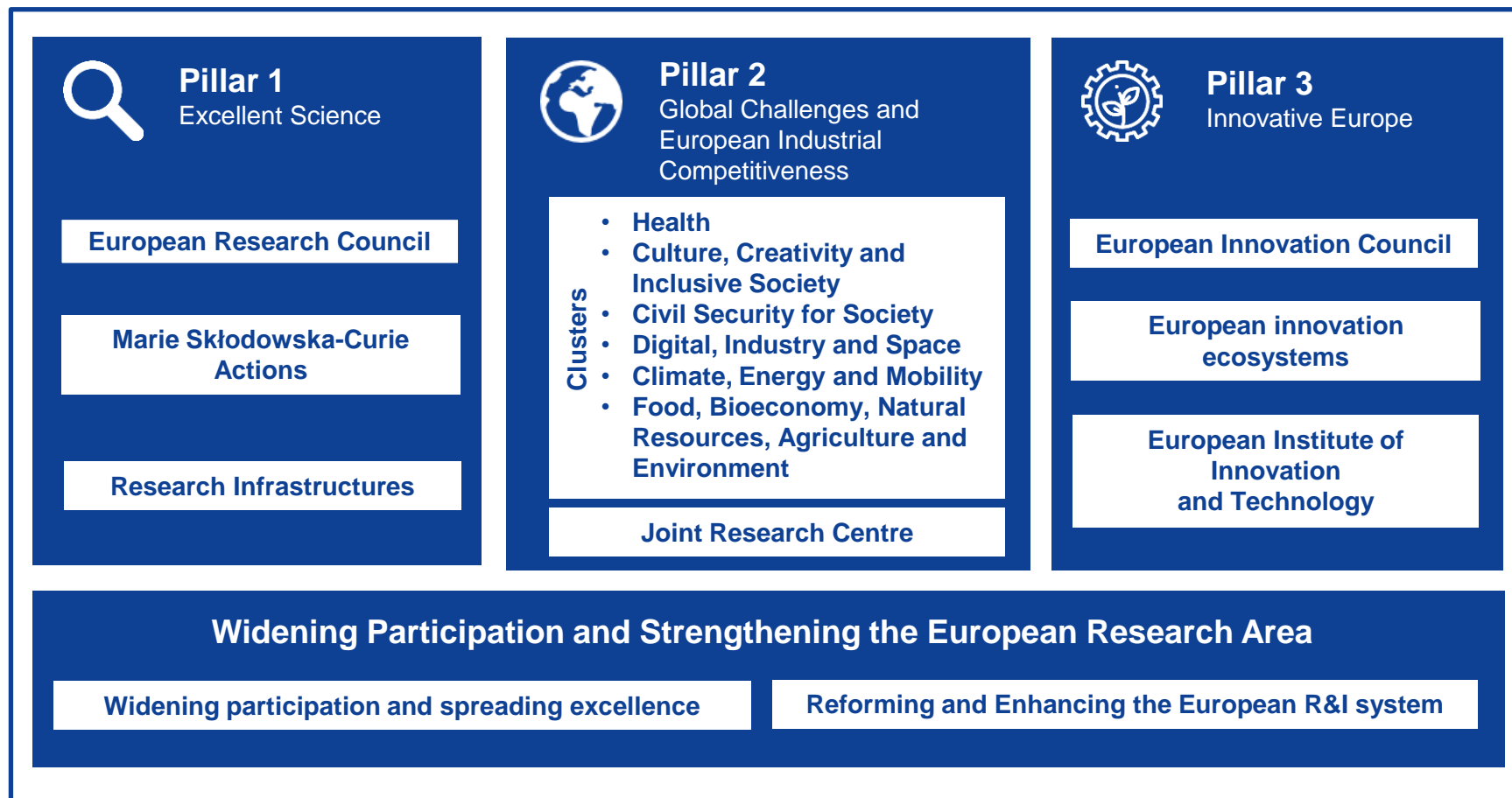# Presentations from the European Commission and the EIB

Horizon Europe

Horizon Europe: structure

Pillar 1
Excellent Science

- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

Pillar 2
Global Challenges and European Industrial Competitiveness

Clusters
- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3
Innovative Europe

- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

European Commission

Commission proposal for budget: €100 billion* (2021-2027)

€ billion
In current prices

- Excellent Science
- Global Challenges & European Ind. Comp.
- Innovative Europe
- Widening Part. & ERA
- Euratom

€2.1 €2.4
€13.5
€25.8
€52.7
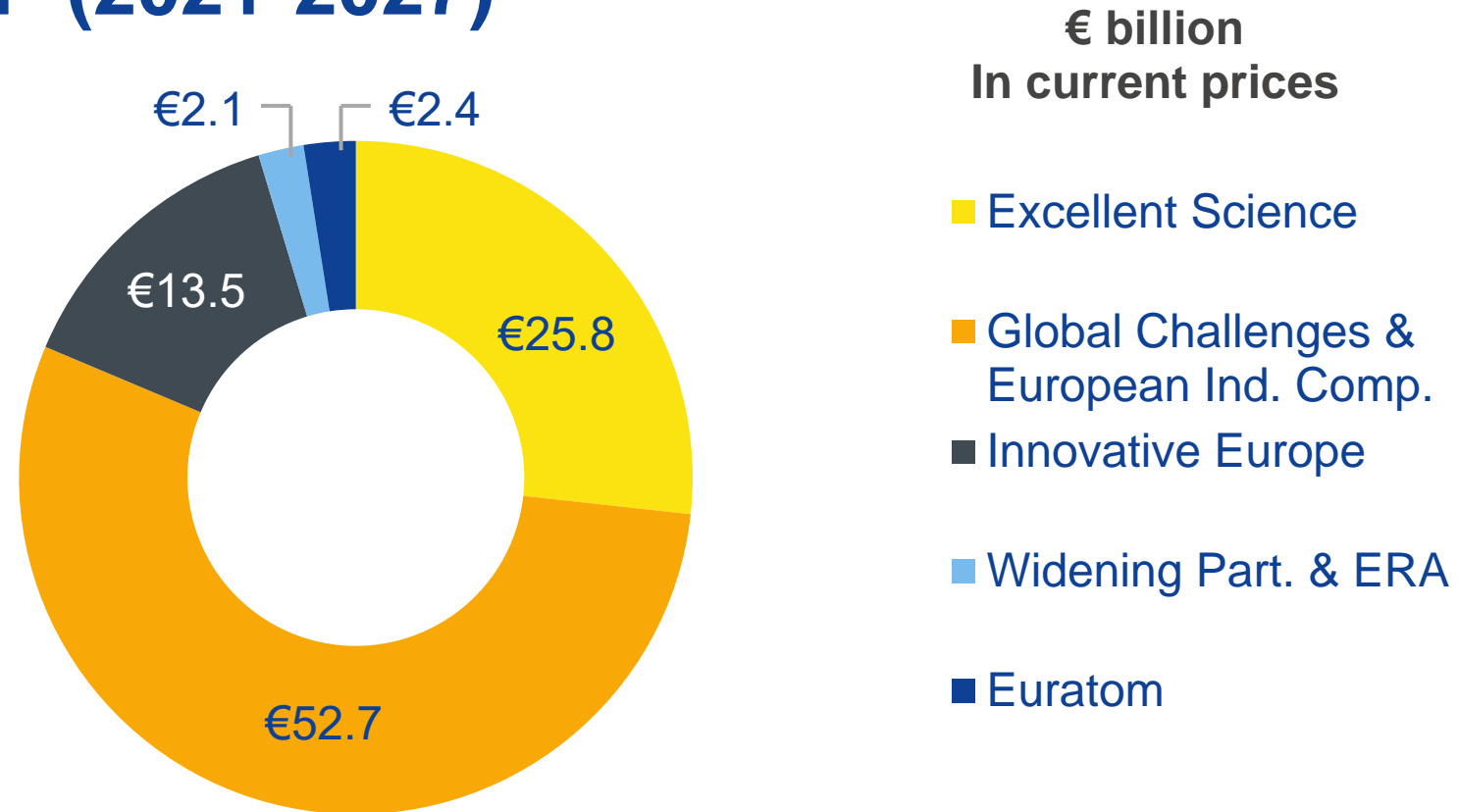
* This envelope includes EUR 3.5 billion allocated under the InvestEU Fund.

European Commission

Missions

R&I Missions

- Be bold and inspirational, with wide societal relevance;

- Indicate a clear direction: targeted, measurable and time-bound;

- Be ambitious but realistic research and innovation actions;

- Spark innovation across disciplines, sectors and actors;

- Be based on a bottom-up approach of multiple solutions

- Engage citizens in co-designing, co-creating, co-implementing and co-assessing missions

European Commission

Adaptation to climate change, including societal transformation

Healthy oceans, seas, coastal and inland waters

5 mission areas

Cancer

Climate-neutral and smart cities

Soil health and food

European Commission

Climate Neutral and Smart Cities Issues at stake

- Cities occupy **3% of the planet's landmass** but consume over **65% of the worlds energy** and account for more than **70% of the global CO_2** emission

- 75% of the European citizens live in cities and expected to **raise to 85% by 2050**

- Paris Agreement and Agenda 2030

- European Green Deal: **Europe first climate neutral continent by 2050**, more ambitious target for 2030

European Commission

Mission Board for Climate Neutral and Smart Cities

Hanna
GRONKIEWICZ-WALTZ

Allan
LARSSON

Katrine Krogh
ANDERSEN

Anna Lisa
BONI

Paulo
FERRAO

Emmanuel
FOREST

Romana
JORDAN

Barbara
LENZ

Julio
LUMBRERAS

Chrysses
NICOLAIDES

Daniël
TERMONT

Joakim
REITER

Martin
RUSS

Anne
SULLING

Maria
VASSILAKOU

Climate Neutral and Smart Cities State of play I

- 8 **Mission Board meetings** so far, several sub-groups discussions focused on mission scoping

- 1 meeting with **Assembly** and 2 meetings with **SPC sub group** to discuss draft concept paper

- Several discussions with ongoing initiatives and relevant **stakeholders** both at Board meetings and by initiative of Board members

- Support to the Board by **Foresight** experts: input papers on key trends affecting transformation towards climate neutrality; development pathways and principles for shaping the transformation process.

European Commission

Climate Neutral and Smart Cities State of play II

Working title of the Mission: **« 100 Climate Neutral Cities by 2030 – by and for the citizens »**

Main Objective: support and promote 100 European cities in their systemic transformation towards climate-neutrality by 2030

How:

- systemic approach, combining new knowledge-based solutions, use of standardized data that may enable scalable (smart) technologies, new business models and regulatory approaches, integrated governance and social innovation

- Offer cities financial means to achieve the mission goals through Horizon Europe and other EU instruments;

- Build a multi-level, co-creative process, formalised through a **Climate City Contract**, to turn key barriers into drivers;

- Help delivering the SDG by improving air quality, creating jobs, promoting healthier lifestyles, and reducing the negative effects of mobility; ensure fair transition and geographical coverage, leaving no one behind;

- Capitalise on existing European climate initiatives and stakeholders

- Collaborate with European businesses in order to contribute to innovation and improve their global competitiveness.

European Commission

Climate Neutral and Smart Cities Outreach and Citizens' engagement

- Outreach activities by single Board Members (urban fora, conferences, ad hoc consultations/meetings)
- Targeted strategy developed for citizens engagement
- Common methodology for physical events
  - Austrian Mission Café, 21/01, Vienna, Austria
  - R&I Cities of the future, 6/02, Ljubljana, Slovenia
  - Innovation Camp, 4/03 Cluj-Napoca, Romania
- Mapping of digital tools and questions for online virtual sessions
- Virtual events:
  - Espöö, Finland (24 March 2020)
  - Iasi, Romania (5 May 2020)
  - Groningen, Netherlands (19 May 2020)
  - Lille, France (25 or 28 May 2020)

- Targeted discussions/exchanges with NGOs, focus groups and cities authorities
- Specific Cities' Mission video

European Commission

Urban R&I in Horizon Europe

Urban R&I in EU Framework Programmes

✓ Continuous funding for more than **30 years** since Framework Programme 5;

✓ **Horizon 2020**:

    ✓ Urban R&I funded **across** Societal Challenges;

    ✓ Further to **sectorial,** increasing emphasis on **systemic** 'urban ecosystem' **solutions**;

    ✓ **612** projects; approximately EUR **3.1 billion;** more than **120 cities** as hubs of Innovation & Living Labs

European Commission

Urban R&I in EU Horizon Europe

- Addressed **across several Clusters;** more explicitly under "**Cities and Communities**" (Cluster 5) to:
  - Significantly increase overall **energy** and **resource efficiency**;
  - Promote **holistic, integrated and cross-sectorial approaches**, including business models, financing issues, incentive structures and social innovation;
  - Target **energy** and **mobility systems, building stock** and **climate change** with **co-benefits** for soil, air quality, waste and noise, quality of life, reduced urban environmental footprint, pollution….;

Partnerships

European Partnership
Driving urban transitions to a sustainable future (DUT)

Overall Objective

*Underpin **people-centric urban transitions towards sustainability, climate neutrality and circular economies** in sync with health, livability, cohesion, well-being and economic prosperity for all.*

Specifc Objectives

- *Develop, test, replicate and upscale **knowledge** and a wide **portfolio of innovative solutions;***

- *Foster **co-design of urban transition pathways** and implementation strategies;*

- *Enhance **capacity** among cities, stakeholders, businesses and societal actors to **co-design** and roll-out transformative **transitions towards sustainable development** through:*

- *Establish sustainable **Europe-wide knowledge hub**, city **networks, multi-stakeholder community of practice** and **communities** of practitioners for sharing of experiences, peer-learning*
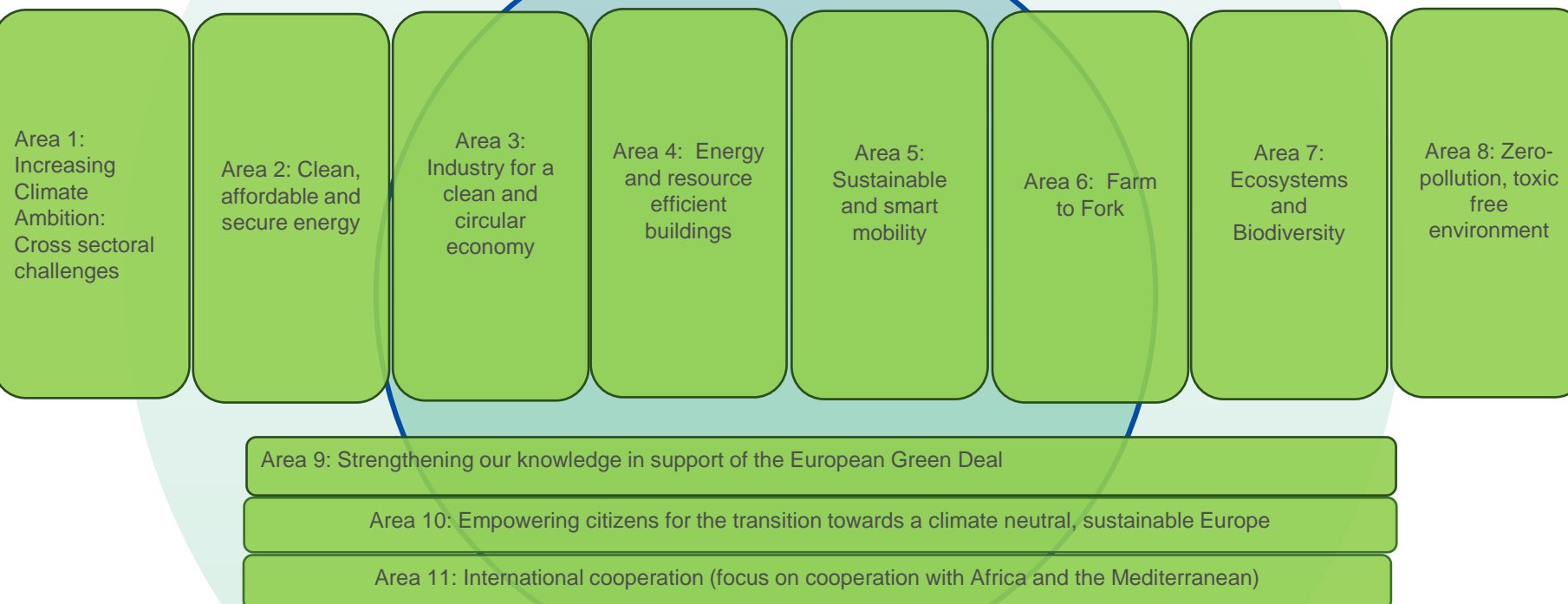
European Commission

Implementation

- *Build upon two existing Member States networks, the **JPI Urban Europe** and the **Positive Energy Districts and Neighbourhood**;*

- *Mobilise Member States, actors, communities and R&I investments through **alignment** of national, regional and local visions, investments and **R&I agendas**;*

- *National/regional investments estimated by **EUR 20–30 million per year***

- *Focus on three **critical sectors** and their **interrelationships**: energy transitions through Positive Energy Districts, mobility transitions through accessibility and connectivity and urban greening through Nature-Based Solutions and circular economies;*

- ***Challenge-driven** interdisciplinary and transdisciplinary R&I to address complexity and ensure relevance*

- *Address **'front-runners'** BUT ALSO **small and medium size** cities in line with great diversity of European cities;*

European Green Deal call

The **European Green Deal Call**

MAIN PART OF THE CALL FOCUSSING ON INNOVATIVE SOLUTIONS AND DEMONSTRATIONS
Total budget up to 1bn – division between areas not yet established

Area 1: Increasing Climate Ambition: Cross sectoral challenges

Area 2: Clean, affordable and secure energy

Area 3: Industry for a clean and circular economy

Area 4: Energy and resource efficient buildings

Area 5: Sustainable and smart mobility

Area 6: Farm to Fork

Area 7: Ecosystems and Biodiversity

Area 8: Zero-pollution, toxic free environment

Area 9: Strengthening our knowledge in support of the European Green Deal

Area 10: Empowering citizens for the transition towards a climate neutral, sustainable Europe

Area 11: International cooperation (focus on cooperation with Africa and the Mediterranean)

European Commission

The **European Green Deal Call**

Towards climate–neutral and socially innovative cities

SCOPE: Establish a <u>one-stop shop</u> in partner cities to help them implement their climate action plans and related social innovation action plans

➢ Providing technical, regulatory, financial & socio-economic expertise and assistance to cities

➢ Partnership involving research organisations, academia, industry including social entrepreneurs, the financial sector including impact financiers, investors, philanthropists, NGOs, national and local authorities and citizens

Proposed activities (non-exhaustive list):

Activity 1: Climate action plans and Green Deal innovation:

• Develop: science-based indicators for assessing cities' climate neutral action plans (emissions reduction); innovative urban greening assessment methodologies for planning & monitoring emissions reduction; inter-operable and comparable cities evidence repositories

• Identifying regulatory, institutional, governance, financing, public acceptance, and other barriers preventing progress towards climate neutrality

• Sharing of experience and good practices between cities

The **European Green Deal Call**

Towards climate–neutral and socially innovative cities

Activity 2: Financial engineering

- Identify strategies and financing solutions for cities to reach climate neutrality, building on existing practices developed by global, European and national initiatives and programmes

Activity 3: Social innovation and citizens' engagement

- Combine existing results of EU R&I with social innovation, and take advantage of the digital transformation to co-create and test solutions with local communities, including changes in social practices and behaviour

- Support twinning and mentoring on Green Deal objectives between cities from different countries and different sizes and creating a European ecosystem of social innovation hubs and local communities

Activity 4: Research and Innovation for climate-neutral transformation of cities

- Support large scale pilots for deployment of systemic solutions combining technological, social, cultural, regulatory and/or financial aspects, building on good practices available at local, national and/or European level

The **European Green Deal Call**

Towards climate–neutral and socially innovative cities

General remarks :

- A **systematic integrated approach** to achieve climate neutral cities is proposed, contrary to classic sectorial approaches

- Stocktaking of existing initiatives, platforms, methodologies, analysis and processes (at national and EU level) is at the basis of the topic

- Primary focus of the topic is on **climate neutrality** and **mitigation**. Climate adaptation or resilience are not targeted

- Wider interpretation of "**cities**": including city district, a municipality or a urban area (administered or governed by council or government units). But rural areas are not targeted

- **Synergies and synchronization** with the "Climate-neutral and smart cities" Mission will be ensured

Thank you!

HorizonEU #EUmissions

http://ec.europa.eu/horizon-europe
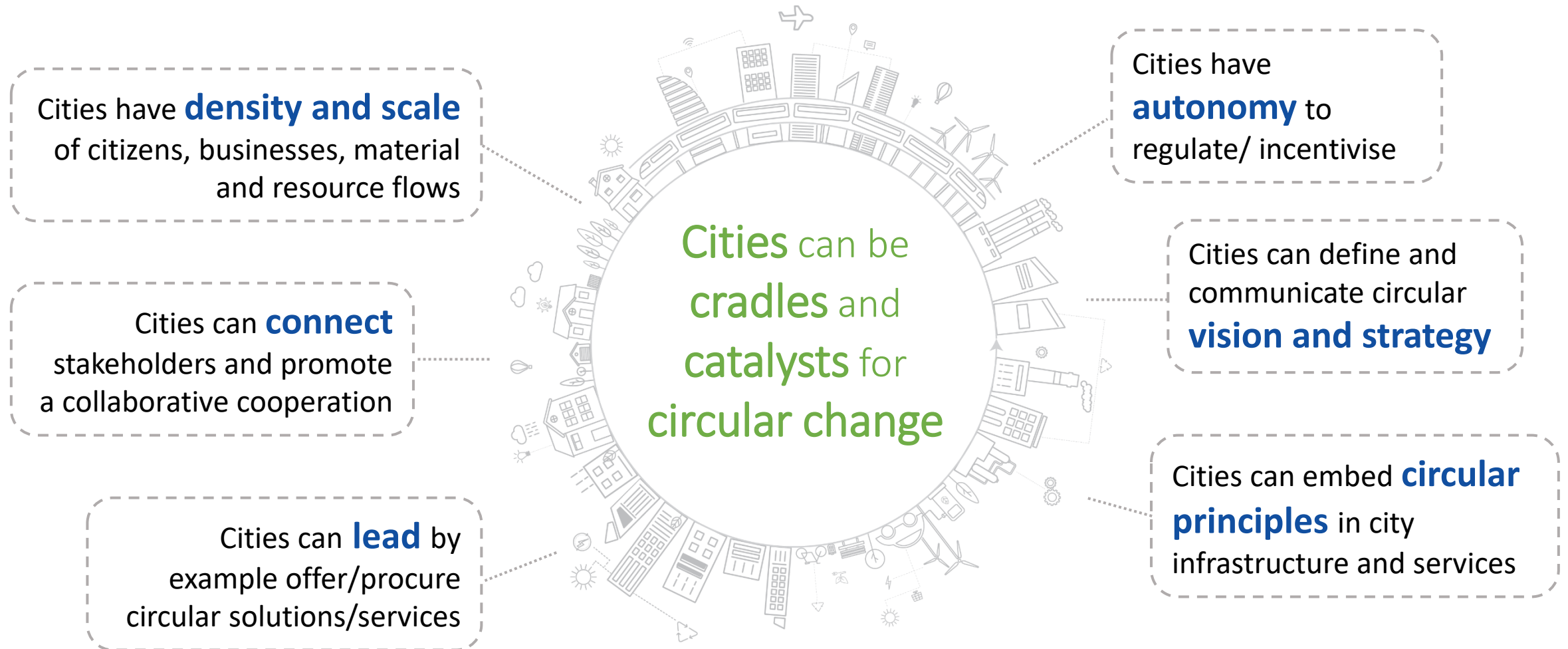
https://www.youtube.com/watch?v=HoqZ7QeEIHU

Circular economy financing opportunities for cities

European funding opportunities for small and medium sized cities - Webinar 03 June 2020

Jonas Byström, EIB

CITIES HAVE GREAT CIRCULAR POTENTIAL

Cities have **density and scale** of citizens, businesses, material and resource flows

Cities have **autonomy** to regulate/ incentivise

Cities can **connect** stakeholders and promote a collaborative cooperation

Cities can be **cradles** and **catalysts** for **circular change**

Cities can define and communicate circular **vision and strategy**

Cities can **lead** by example offer/procure circular solutions/services

Cities can embed **circular principles** in city infrastructure and services

CIRCULAR CITIES

... are regenerative, clean, resilient, prospering, liveable and attractive!

Assets/products are *shared/leased* with end-of-life *recovery*

Urban bio-economy with organic by-product/waste recovery and urban farms

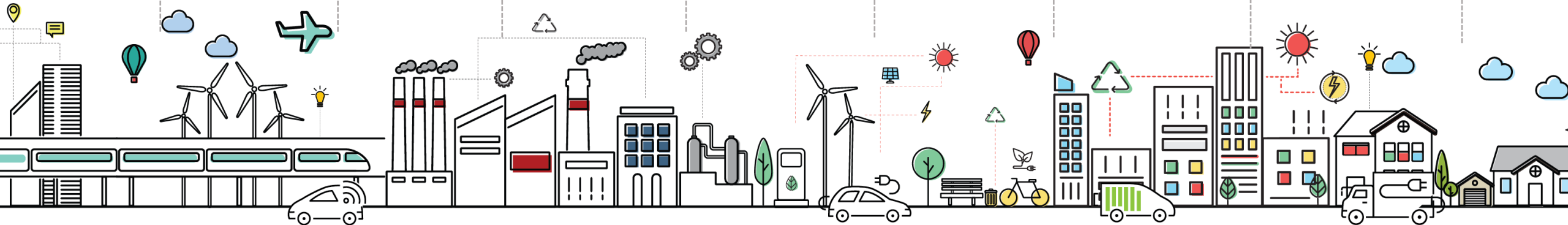*Reverse logistics* to facilitate re-use, repair and remanufacturing

Digital tools facilitate sharing/recovery applications
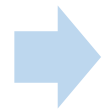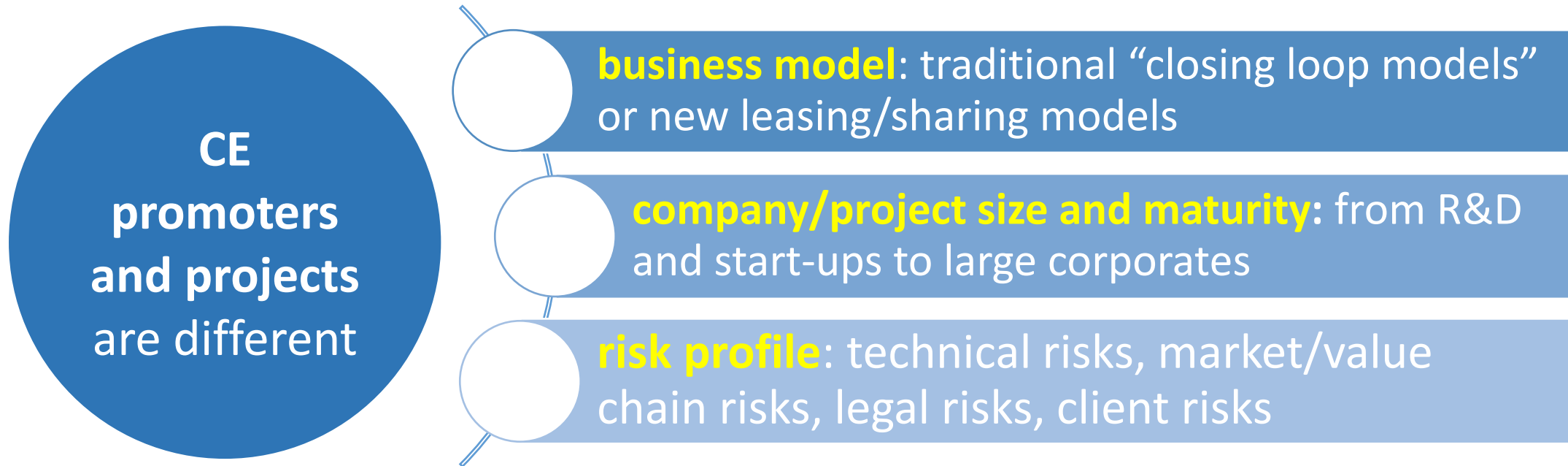
Mobility systems are clean and shared

Production with local value loops and industrial symbiosis

Energy production is renewable and local

*Buildings* are modular, shared, and designed for disassembly

FINANCING A CIRCULAR ECONOMY

CE promoters and projects are different

business model: traditional "closing loop models" or new leasing/sharing models

company/project size and maturity: from R&D and start-ups to large corporates

risk profile: technical risks, market/value chain risks, legal risks, client risks

➡ **DIFFERENT TYPES OF FUNDING NEEDED**

www.circularcityfundingguide.eu

A comprehensive tool to support **Circular Economy investments in Cities**
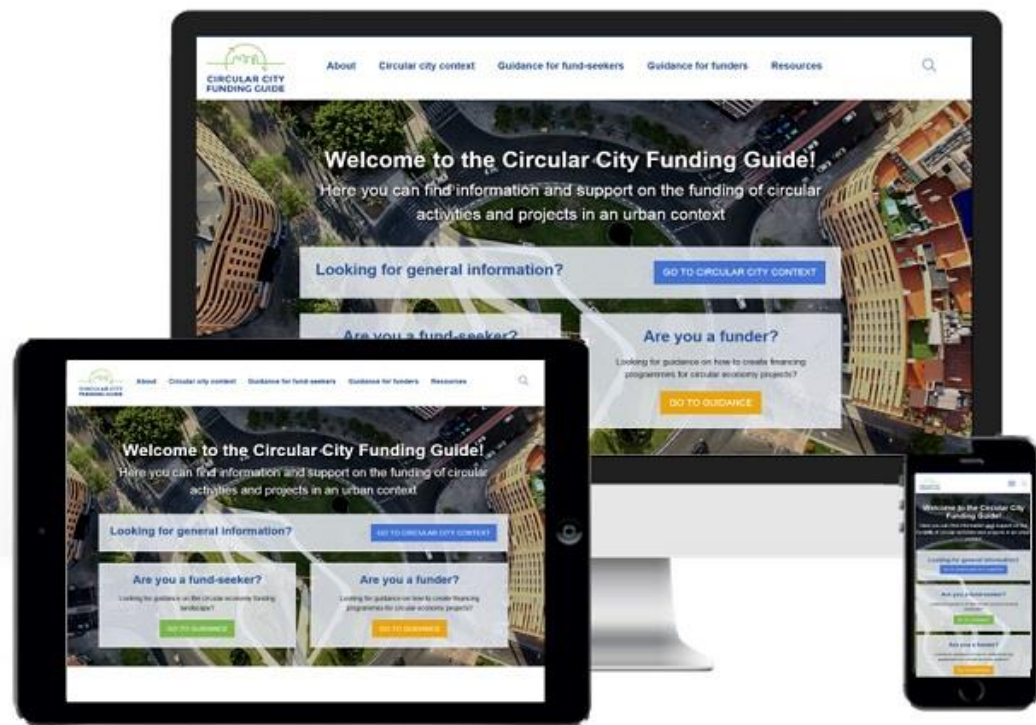
Developed as an EIB led action under the Urban Agenda Partnership on Circular Economy

Prepared by PNO Consultants/INNEN under EIAH funding

Launched at the Cities Forum in Porto 31 Jan 2020

Join #CircularCityFundingGuide group

Welcome to the Circular City Funding Guide!

Here you can find information and support on the funding of circular activities and projects in an urban context

Looking for general information?

GO TO CIRCULAR CITY CONTEXT

Are you a fund-seeker?

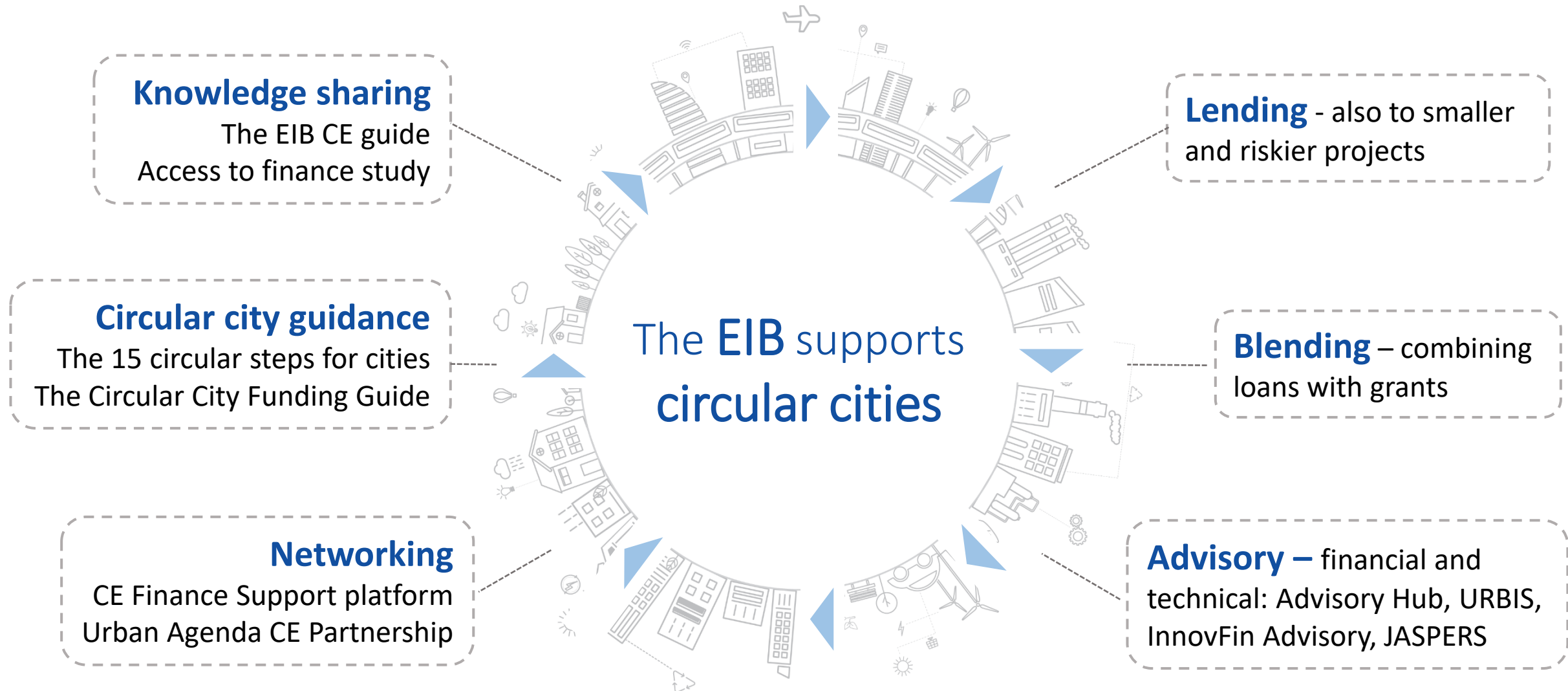Looking for guidance on the circular economy funding landscape?
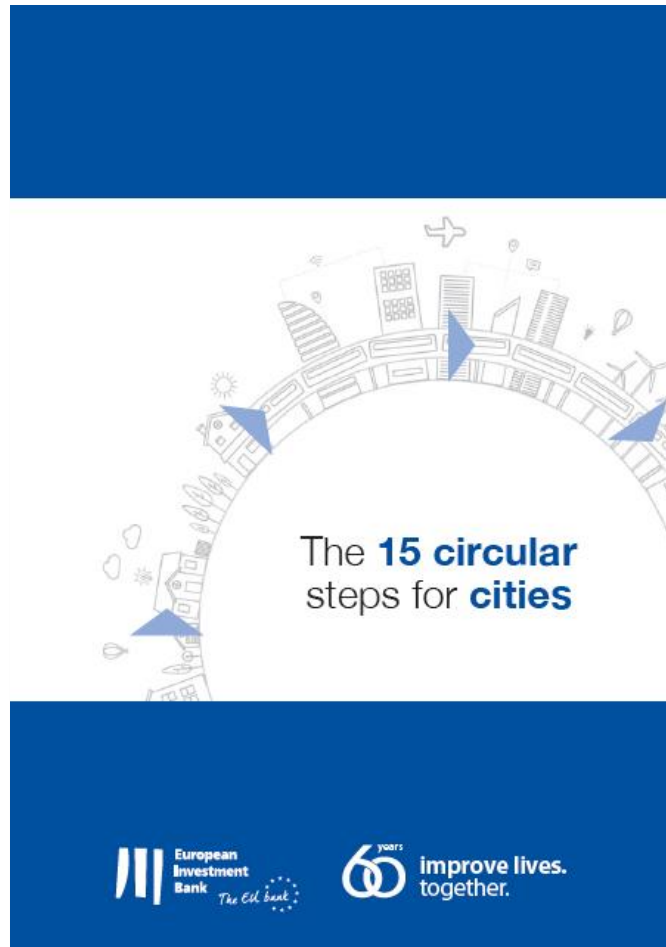
GO TO GUIDANCE

Are you a funder?

Looking for guidance on how to create financing programmes for circular economy projects?

GO TO GUIDANCE

EIB SUPPORT TO CIRCULAR CITIES

Knowledge sharing
The EIB CE guide
Access to finance study

Circular city guidance
The 15 circular steps for cities
The Circular City Funding Guide

Networking
CE Finance Support platform
Urban Agenda CE Partnership

The **EIB** supports
circular cities

Lending - also to smaller and riskier projects

Blending – combining loans with grants

Advisory – financial and technical: Advisory Hub, URBIS, InnovFin Advisory, JASPERS

THE 15 CIRCULAR STEPS FOR CITIES

PLAN	1. **C**haracterise and analyse local context, resource flows and identify idle assets
	2. **C**onceptualize options and prioritise among sectors with circular potential
	3. **C**raft a circular vision and strategy with clear circular goals and targets
ACT	4. **C**lose loops by connecting waste/residue/water/heat generators with off-takers
	5. **C**onsider options for extending use and life of idle assets and products
	6. **C**onstruct and procure circular buildings, energy and mobility systems
	7. **C**onduct circular experimentation – address urban problems with circular solutions
	8. **C**atalyse circular developments through regulation, incentives and financing
	9. **C**reate markets and demand for circular products and services – be a launching customer
	10. **C**apitalise on new ICT tools supporting circular business models
MOBILISE/ MONITOR	11. **C**oach and educate citizens, businesses, civil society and media
	12. **C**onfront and challenge linear inertia, stressing linear risks/highlighting circular opportunities
	13. **C**onnect and facilitate cooperation among circular stakeholders
	14. **C**ontact and learn from circular pioneers and champions
	15. **C**ommunicate on circular progress based on monitoring

The **15 circular** steps for **cities**

European Investment Bank *The EU bank* — 60 years improve lives. together.

A guide to support the circular transition in cities (link)

EIB CE LENDING 2015 - 2019

Sector	CE lending 2015-2019 (EUR m)	Share
Industry and services	747	30%
Waste management	594	24%
Agriculture and bioeconomy	438	18%
Water management	426	17%
Mobility	95	4%
Urban development	80	3%
Energy	71	3%
Total	2,452	100%

EIB FINANCING TOOLS FOR THE URBAN SECTOR

Instruments	Key Features
Investment Loans	• Direct loan for a specific investment project or programme • Usually > EUR 100m project cost • All investment components identified / appraised up front
Framework Loans (FL) direct to a City	• Loan to a city, usually > 75,000 people, > EUR 100m • Finances a 3-5 year part of the City investment programme • Multi-sector investments (down to EUR 1-2 million) meeting defined criteria but not finally prepared at time of signing
FL via an Intermediary	• Facility for financing smaller municipalities • Relies on a good intermediary which applies financing criteria agreed with EIB
Equity Funds	• Investment into an urban development, infrastructure or brownfield fund • Targeted investment criteria leading to new investment
COVID-19 response	• Additional EIB financing in support of existing and new Covid-19 focused operations, including expansion of selected eligibilities • EUR 25 billion pan-European Guarantee Fund, which is expected to raise up to EUR 200 billion in funding for the companies most in need, including SMEs

EIB URBAN LENDING: SECTORS AND GEOGRAPHIES

- EUR 150 bn of urban lending 2012-18
- EUR 50 bn urban climate finance 2012-18
- Urban is approx 1/3 of total EIB lending

Urban Lending 2012-2018 = EUR 152 bn

Legend:
- Urban Development — 19%
- Urban Mobility — 17%
- Water and Sewarage — 15%
- Education — 14%
- Industry and Services — 13%
- Telecommunications — 10%
- Health — 9%
- Solid Waste — 1%
- Energy — 1%
- Other — 0.4%
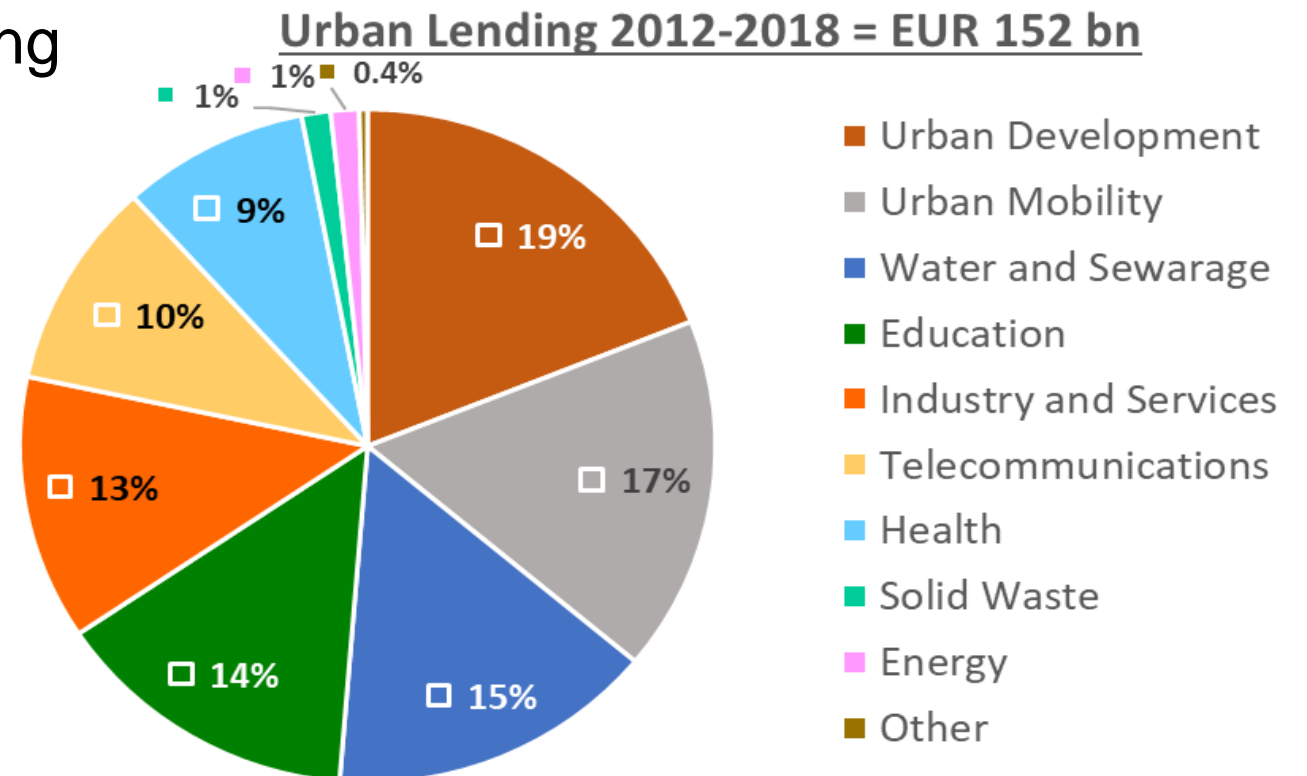
Thank You!

bystroem@eib.org

EU Funding small and medium sized cities

Eddy Hartog
Head of Unit Smart Mobility & Living
Directorate-General Communications Networks, Content and Technology (DG CONNECT, H5)
European Commission

Policy vision

Strategic objective: By 2025, ensure that 300m residents of EU communities have access to AI and data driven services, supported by 5G Connectivity, Urban Platform(s) and a Common Data Space

Objective: Foster AI and data driven solutions for EU citizens

Objective: Accelerate the adoption of Urban Platforms in EU cities

Objective: Establish a common data space for smart and sustainable communities

Objective: Ubiquitous access to 5 G connectivity

Smart and Sustainable City Ecosystem

Application building block & Smart Green services

AI

TEFs

Analytics and Intelligence

AI and data driven services

City Digital twins

Interoperability

Digital Urban Platforms

Data

Common Data Space

Infrastructure

5G Connectivity

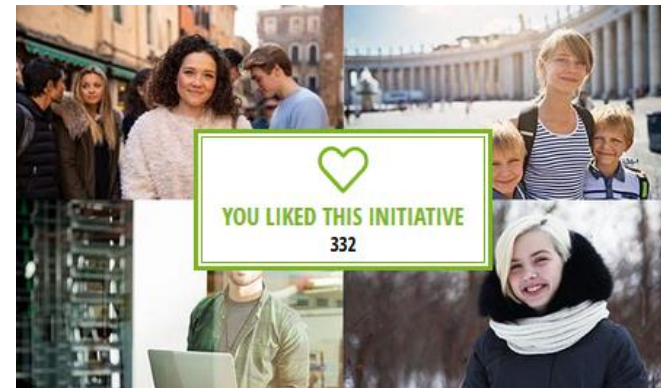Capacity Building & Scaling-up at EU level

Data Governance & Stewardship

Cybersecurity & Privacy

Technology & Value Chains

Digital Transformation

Sustainability Goals

People & Skills

Processes

European Commission

DOWNLOAD THE DECLARATION

SIGN THE DECLARATION

YOU LIKED THIS INITIATIVE
332

Living-in.EU
The European way of digital transformation in cities and communities

Money

Digital in MFF 2021-2027

DIGITAL IN THE NEXT MFF: OVERVIEW

Emphasis On deployment

Digital Europe:
Capacities & roll out

1. High Performance Computing (HPC)
2. Artificial Intelligence (AI)
3. Cybersecurity
4. Advanced digital skills
5. Digital transformation and interoperability

€9.2 billion

Digital in Horizon Europe
R&D&I

1. Digital under "global challenges"
   - Digital and industry cluster
   - Digital in other clusters - health, mobility, energy, environment,..
2. FET Open under Open Innovation
3. Research Infra under Open Science

> €12 billion for digital

Mission Climate neutral smart cities

Cities and communities

Connecting Europe Facility - Digital
Connectivity

- 5G roll out
- BB 4EU, Connecting communities
- Synergies with Transport /Energy

€3 billion

Creative Europe
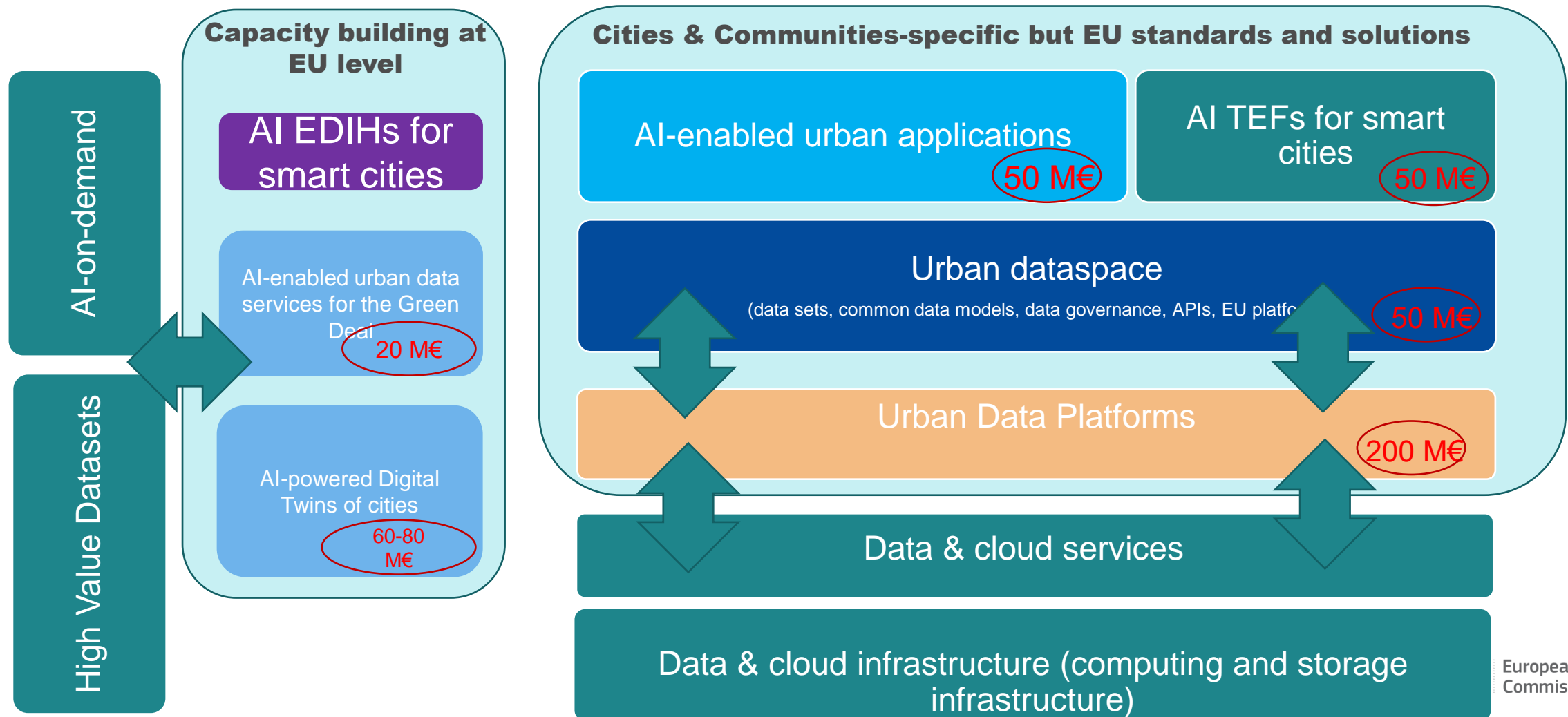**MEDIA**

- Distribution of works
- Creation

€1.1 billion

57

Scaling-up digital solutions for SCC:
Draft layered model

AI-on-demand

High Value Datasets

Capacity building at EU level

AI EDIHs for smart cities

AI-enabled urban data services for the Green Deal
20 M€

AI-powered Digital Twins of cities
60-80 M€

Cities & Communities-specific but EU standards and solutions

AI-enabled urban applications
50 M€

AI TEFs for smart cities
50 M€

Urban dataspace
(data sets, common data models, data governance, APIs, EU platfo
50 M€

Urban Data Platforms
200 M€

Data & cloud services

Data & cloud infrastructure (computing and storage infrastructure)

European Commission

Digital tools to support contact tracing

Mobile contact tracing apps can make a difference in the response to the COVID-19 pandemic, and help societies gradually return to normal life.

Apps can complement manual contact tracing, with several benefits:

Time

Volume of contacts

**Resources**

Information and guidance

A common EU approach

> **COMMISSION RECOMMENDATION (EU) 2020/518**
>
> **of 8 April 2020**
>
> on a common Union toolbox for the use of technology and data to combat and exit from the COVID-19 crisis, in particular concerning mobile applications and the use of anonymised mobility data

- A fragmented and uncoordinated approach across Europe would risk
  - hampering the effectiveness of response measures;
  - causing adverse effects to the single market and to fundamental rights and freedoms.

- The Member States, supported by the Commission, are rapidly working on developing and updating a **common EU Toolbox** on a pan-European approach for the use of mobile applications.
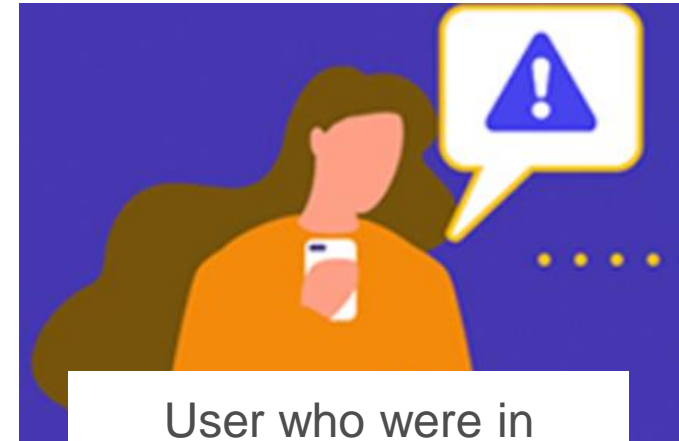
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Common EU Toolbox on mobile applications to support contact tracing for COVID-19
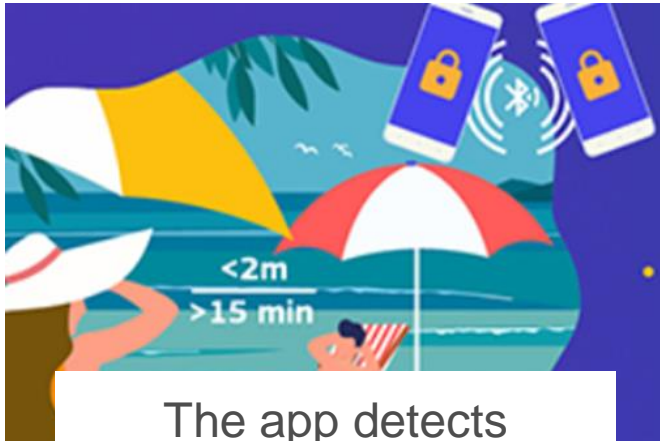
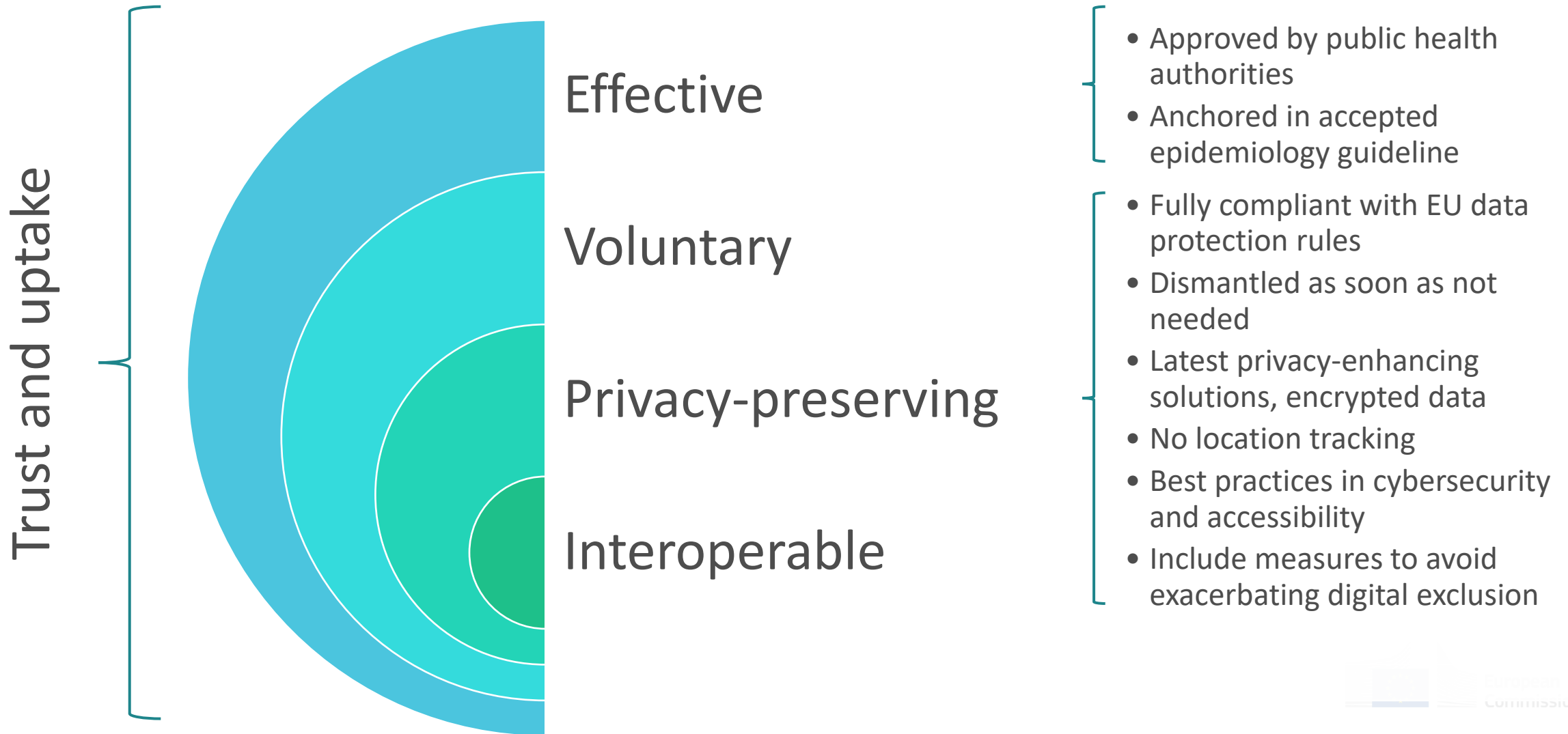The app detects epidemiologically relevant proximity with other app users

If users test positive for COVID-19, they receive a confirmation code by health authorities and they can insert it in the app

User who were in proximity to infected users receive an alert. They can seek advice, self-isolate and receive testing as appropriate

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Essential requirements for national apps

Trust and uptake

Effective

Voluntary

Privacy-preserving

Interoperable

- Approved by public health authorities
- Anchored in accepted epidemiology guideline

- Fully compliant with EU data protection rules
- Dismantled as soon as not needed
- Latest privacy-enhancing solutions, encrypted data
- No location tracking
- Best practices in cybersecurity and accessibility
- Include measures to avoid exacerbating digital exclusion

How to ensure apps are effective?
Regular information exchange and learning lessons on…

(1) Performance

- User experience eg app loads quickly and does not crash
- How many asymptomatic exposed people are alerted
- Impact on health services
- False positives and negatives

(2) Transparency and trust

- Don't overpromise
- Genuinely voluntary – no pressure to download to participate in society
- Regular reporting
- Adjust or discontinue according to performance

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Interoperability

- Users should be able to rely on their national app independently of the region or Member State they are in at a certain moment.

- Whatever the approach taken with approved national apps, interoperability between apps and between backend systems is essential while preserving privacy standards

- This effort will support the gradual lifting of border controls within the EU and the restoration of freedom of movement.

Next steps

- MS to agree technical specifications for interoperability for all apps (launched or under development)

- Evaluate the performance of the apps and take necessary remedial action

- Adopt a common approach to use of anonymised mobility data from telcos for purposes of modelling spread of pandemic and effect of counter measures

- COM to report on progress under the Recommendation in June

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Closing remarks

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