



Join us as we begin today's session!

During the first 15 minutes, before we officially begin:

- Participate in an interactive icebreaker
- Share any questions in the chat
- Or unmute yourself to ask questions directly

Join the NetZeroCities portal's **orientation group** to be kept informed and get the latest updates on all learning opportunities. *(Check that you opted in to receive email notifications)*

Join the icebreaker here!



1. Go to wooclap.com
2. Enter code: XEIAMT



NET ZERO CITIES



EU MISSION PLATFORM

CLIMATE NEUTRAL AND SMART CITIES



Funded by
the European Union



18/09/2025

Module 1: Spotlight session 1

NetZeroCities Orientation

The Mission Approach and the Climate Transition Team





[👉 Check out the overall Program Here 👉](#)

MODULE 1	Core The NetZeroCities program, service offering, systemic approach, what works for Mission Cities	Spotlight 1 NetZeroCities Orientation	Spotlight 2 Shaping Climate Narratives	Spotlight 3 Climate City Contracts		
MODULE 2	Core Developing a transition team, mapping and activating the ecosystem	Spotlight 1 Transition team & climate leadership	Spotlight 2 Engaging the private sector	Spotlight 3 Citizen engagement for systemic climate action		
MODULE 3	Core Developing the city's action plan for climate neutrality	Spotlight 1 Portfolio Co-design and future scenarios	Spotlight 2 Climate Action Plan in the urban planning system	Spotlight 3 Reporting and MEL		
MODULE 4	Core Levers of change: Tech and multi-actor collaborations	Spotlight 1 Passive solutions to reduce energy demand in buildings	Spotlight 2 Systemic energy transition at buildings, districts and city level	Spotlight 3 Data-driven approaches to energy transition in buildings and districts	Spotlight 4 Mobility	Spotlight 5 Scope 3 and other emission domains
MODULE 5	Core Increase finance knowledge of the public administration & learn about options to finance projects	Spotlight 1 Preparing a pipeline of projects with necessary data and information	Spotlight 2 Different investor groups and the key priorities and returns profiles for each and instruments	Spotlight 3 Financing the ambition: Learning from Mission Cities		
MODULE 6	Core Multilevel governance, national platforms and policy strategies	Spotlight 1 Policy and regulations innovation	Spotlight 2 Public procurement – national specificities	Spotlight 3 Just transition		





Housekeeping



Stay muted unless you are invited to speak.



Use the chat for questions and to introduce yourself.



Raise your hand before speaking.



Change your Zoom name to include your city.



Stay engaged: We invite you to keep your camera on.



Session Agenda



13:15-13:20	Welcome to NetZeroCities <i>Introduction of the session</i>	<i>Charline Mougin, Eurocities</i>
13:20-13:45	Introduction to the Mission Approach	<i>Sozvin Al Youssef, Eurocities</i>
13:45-13:55	Introduction to Mission Cities	<i>Maria Giorda, Eurocities</i>
13:55-14:00	Q&A	<i>All</i>
14:00-14:35	Stories from Mission Cities <i>Cities of Aachen and Milan</i>	<i>Kristine Hess-Akens, City of Aachen</i> <i>Andrea Patrucco, City of Milan</i>
14:35-14:50	Q&A	<i>All</i>
14:50-15:00	Wrap up and next steps	<i>Eugenia Mansutti, Eurocities</i>
15:00-15:15	Q&A with NetZeroCities facilitators	<i>All</i>





Introduction of the session

Charline Mougin

Senior Project Coordinator, Eurocities





Lecturers



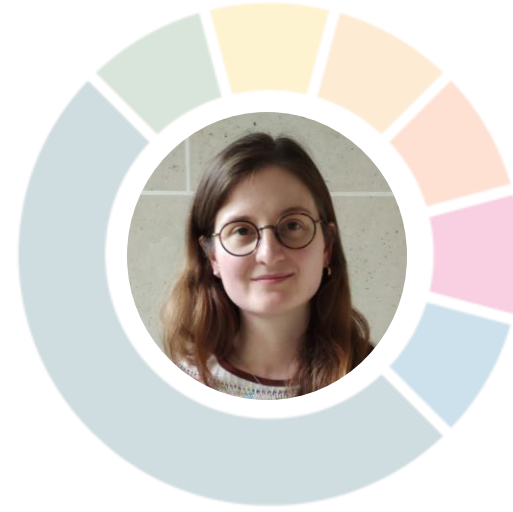
Charline Mougine

Senior Project Coordinator
Eurocities



Eugenia Mansutti

Co-Head of Climate and
Environment
Eurocities



Maria Giorda

Climate Neutral Cities
Advisor
Eurocities



Sozvin S. Al Youssef

Climate Neutral Cities
Advisor
Eurocities





Lecturers



Kristine Hess-Akens

Head of Strategic Projects Unit
and EU-Mission Manager
Mission City: Aachen



Andrea Patrucco

Project Manager
Mission City: Milan





Introduction of the Mission Approach

Sozvin Al Youssef

Climate Neutral Cities Advisor, Eurocities





EU Cities Mission and Core Objectives

What is EU Cities Mission?

- Launched by the EU in 2022, the **EU Cities Mission** is a key part of the Horizon Europe programme.
- The **EU Cities Mission** provides the overarching political mandate for 100+ European cities to achieve climate neutrality by 2030, positioning them as frontrunners for Europe's wider 2050 target.
- The **NetZeroCities** programme serves as the Mission's dedicated implementation platform, equipping cities with the technical expertise, tools, capacity-building, and funding mechanisms needed to deliver on this ambition.
- **In essence**, the Cities Mission defines the vision and objectives, while NetZeroCities provides the means and pathways to achieve them.

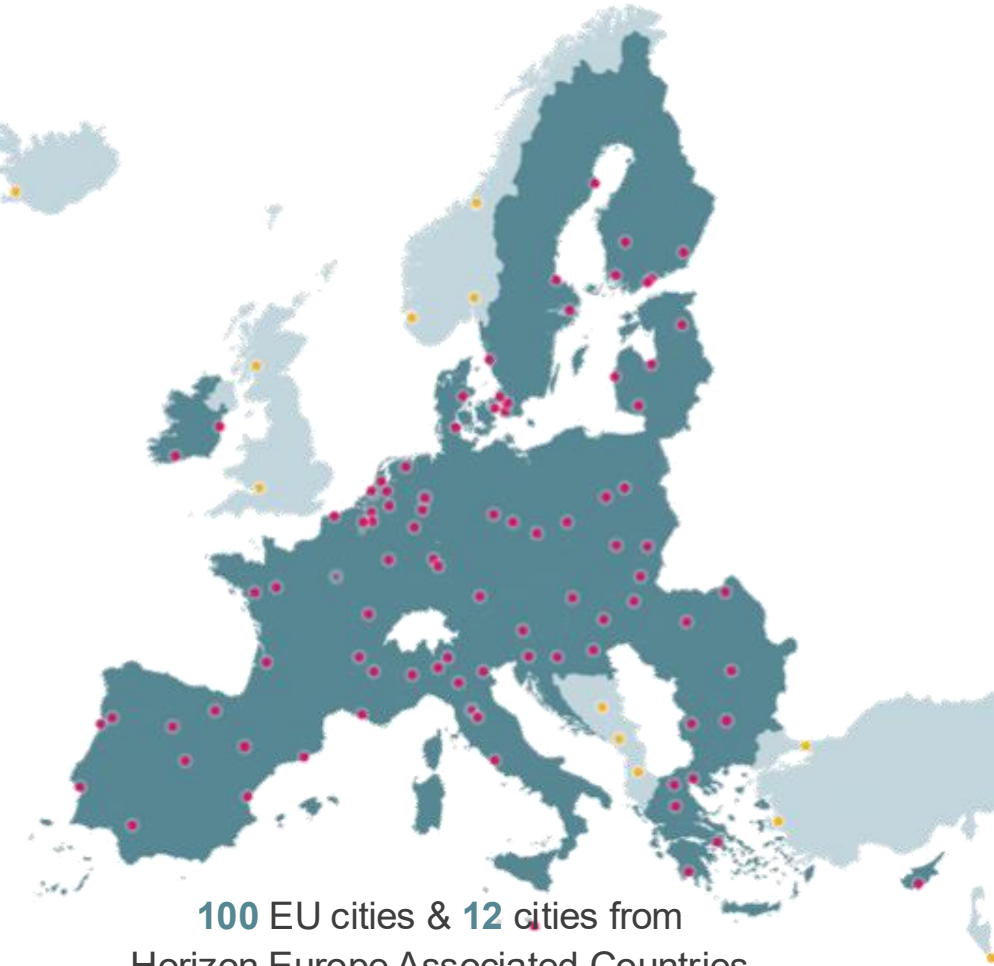




EU Cities Mission and its Core Objectives

Cities Mission's Core Objectives?

1. Deliver at least **100 climate-neutral** and smart cities by 2030
2. Ensure these cities act as **"experimentation and innovation hubs"** to enable all European cities to follow suit by 2050.





Why the Mission matters

- Cities occupy only 4% of the EU's land area but are **home to 75% of its citizens**.
- Globally, cities are responsible for over **65% of energy consumption** and **70% of CO₂ emissions**.
- The Mission is essential for achieving the **EU Green Deal's goals of a 55%** emissions reduction by 2030 and climate neutrality by 2050.





The Mission Approach

EU Cities Mission brings forward a structured, **cross-sectoral**, and **demand-led framework** designed to accelerate the transition of European cities toward climate neutrality by 2030.

4 Core essentials guiding the EU Cities Mission approach:

1. Political Commitment and Planning
2. Holistic and Systemic Change
3. Encouraging Innovation and Replication
4. Direct Support





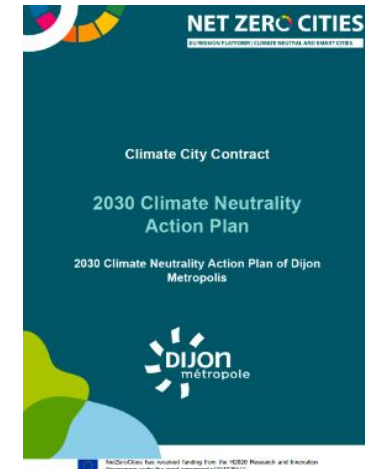
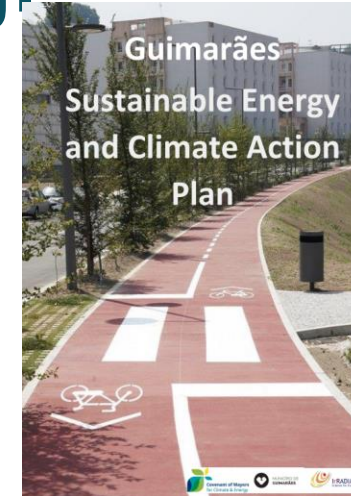
The Mission Approach

1. Political Commitment and Planning:

Formal and visible dedication of cities and all levels of government to reach climate neutrality, backed by concrete strategies, investment plans, and governance models.

- Multi-level political support
- Integration into city planning
- Citizen legitimacy and support

Such commitments are formalized for instance in Climate City Contracts (CCC) for Mission Cities.

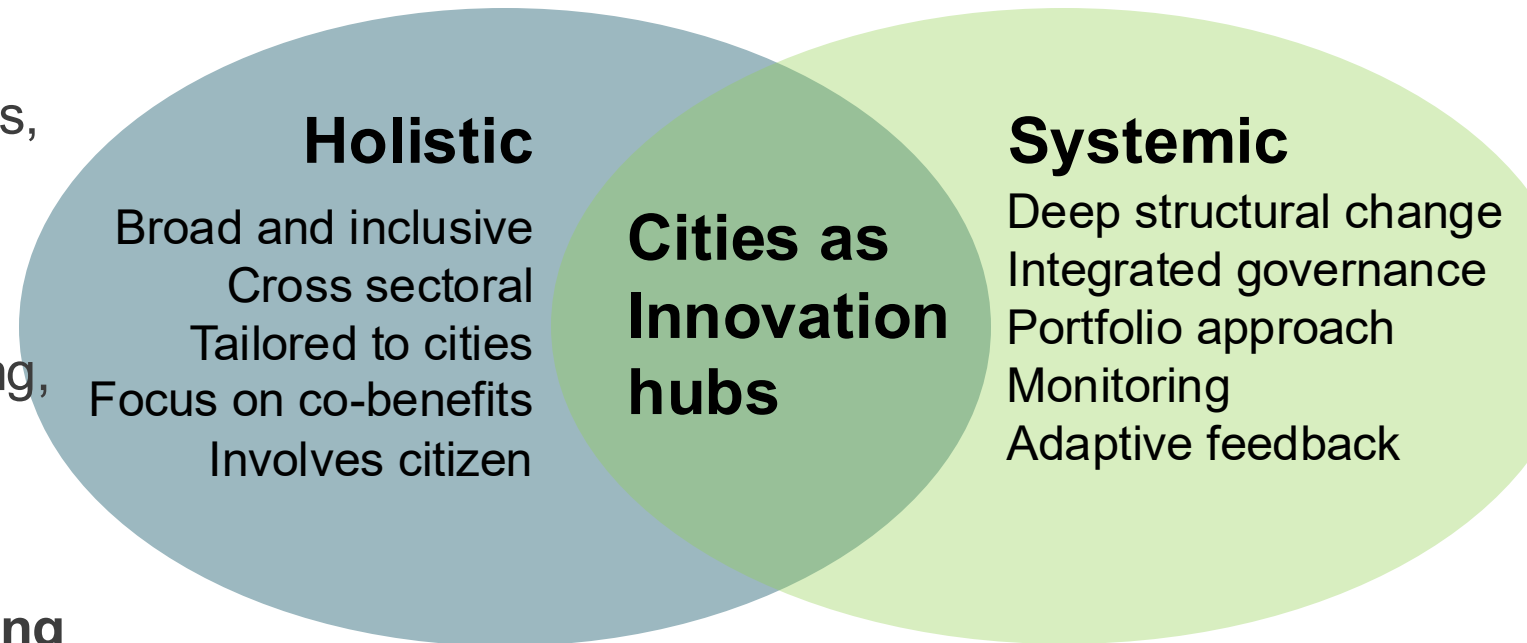




The Mission Approach

2. Holistic and Systemic Change

- Holistic by being broad, inclusive, cross-sector, focused on co-benefits, tailored to local realities.
- Systemic through deep, structural, integrated governance and financing, long-term monitoring.
- **The goal is achieving climate neutrality by 2030/2050 and turning cities into innovation hubs.**





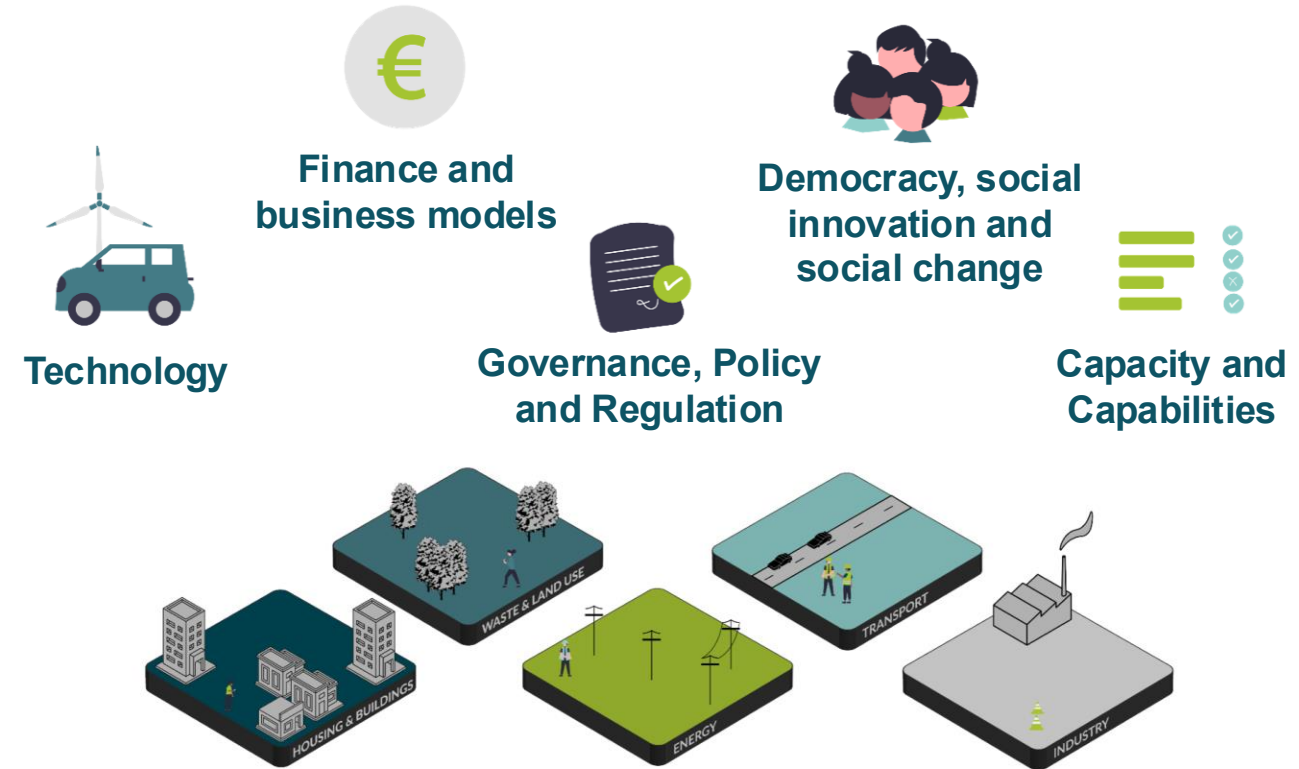
Key elements

Understanding Systems

Achieving a deep understanding of the challenge often requires much more time and effort than coming up with a solution.

It becomes a core capability to **map interdependencies and identify barriers impeding progress, gaps in current efforts, learnings from the past and potential levers for change.**

This **systems approach** is designed to create a multiplier effect for emissions reduction by addressing the interconnectedness of these sectors.





Key elements

Portfolios of Actions



- Act on systemic barriers, **addressing simultaneously several levers of change**.
- Not focused on a single solution but **act on several elements of the problem at the same time** to trigger mutually reinforcing dynamics.
- Look more broadly at the actions' impacts on the city, including **co-benefits**, but also the **trade-offs needed**, both in short and longer term.
- **Ensuring the integration of a portfolio's actions in such way that they create pathways to decarbonisation** will require continuous attention from the dedicated Transition team and the coalition.

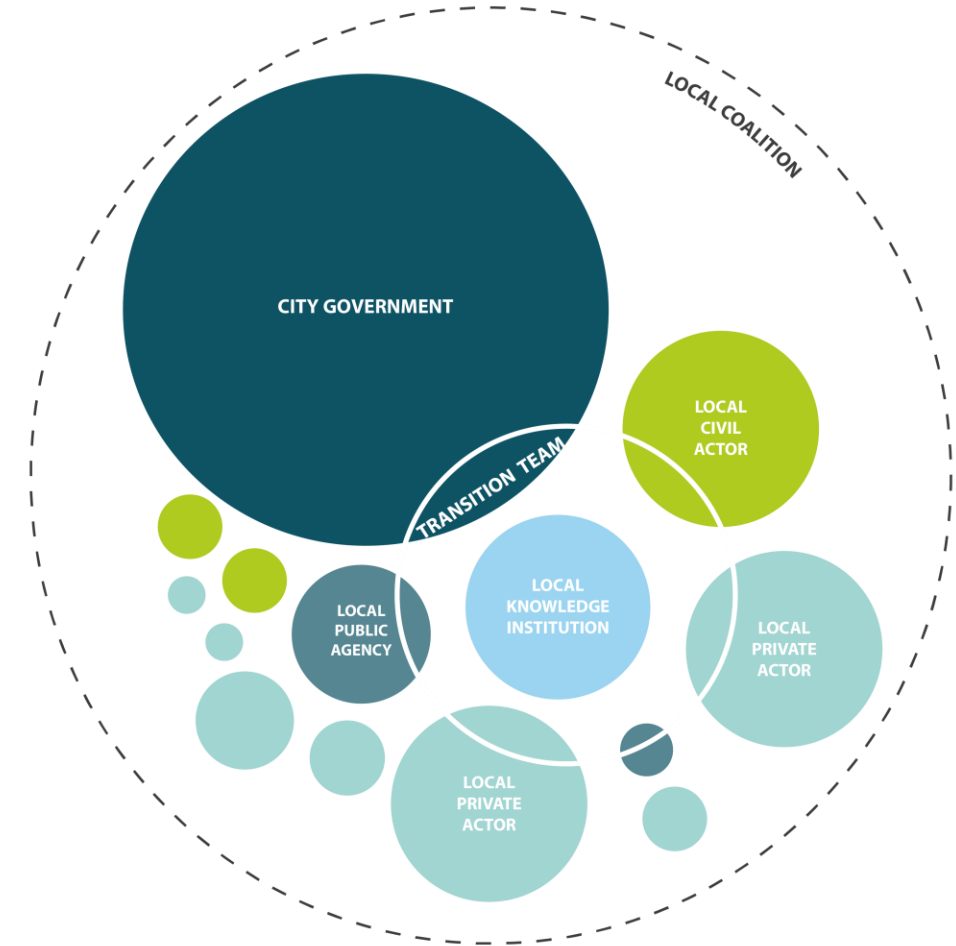


Key elements

Deep Collaboration

To transform entire value chains and emission domains the collaboration and coordinated action of **multiple actors across sectors will be needed** - public sector, private sector, knowledge institutions, citizens and civil sector, media.

This is possible but needs a confident and skilled team at the centre of this coalition to support and coordinate all actors in playing this difficult part that is collaborating for transformation. It needs a **Transition team to orchestrate the process.**





The Mission Approach

3. Encouraging Innovation and Replication

Encouraging Innovation through:

- R&I demonstrators – Pilot projects.
- Experimenting beyond technology
- Risk-taking and adaptability

Replication:

- Mission Platform as knowledge hub
- Twinning and mentoring
- Policy and regulatory alignment





4. Direct Support





NZC PORTAL: PROCESS GUIDES, TOOLS & RESOURCES





NZC PORTAL: PROCESS GUIDES, TOOLS & RESOURCES



CAPABILITY BUILDING





NZC PORTAL: PROCESS GUIDES, TOOLS & RESOURCES



CAPABILITY BUILDING



PEER LEARNING





NZC PORTAL: PROCESS GUIDES, TOOLS & RESOURCES



CAPABILITY BUILDING



PEER LEARNING



TECHNICAL ASSISTANCE AND HELPDESK





The Impact: Why it Matters for Cities

- The Mission provides crucial support that goes beyond financial aid, addressing common barriers to climate action
- **Accelerates Change:** The structured approach and expert support help cities speed up their transition to Net Zero, overcoming challenges like generating operational capacity and securing funding.
- **Unlocks Finance opportunities** by providing tools, innovative financial instruments building on case studies from across Europe, peer to peer opportunities, allowing cities to learn from their peers' experiences and challenges.
- **Fosters Collaboration:** It mobilizes a "Quadruple Helix" of stakeholders, breaking down "functional silos" and building a collaborative ecosystem for long-term change.





Introduction to Mission Cities

Maria Giorda

Climate Neutral City Advisor, Eurocities





What are Mission Cities

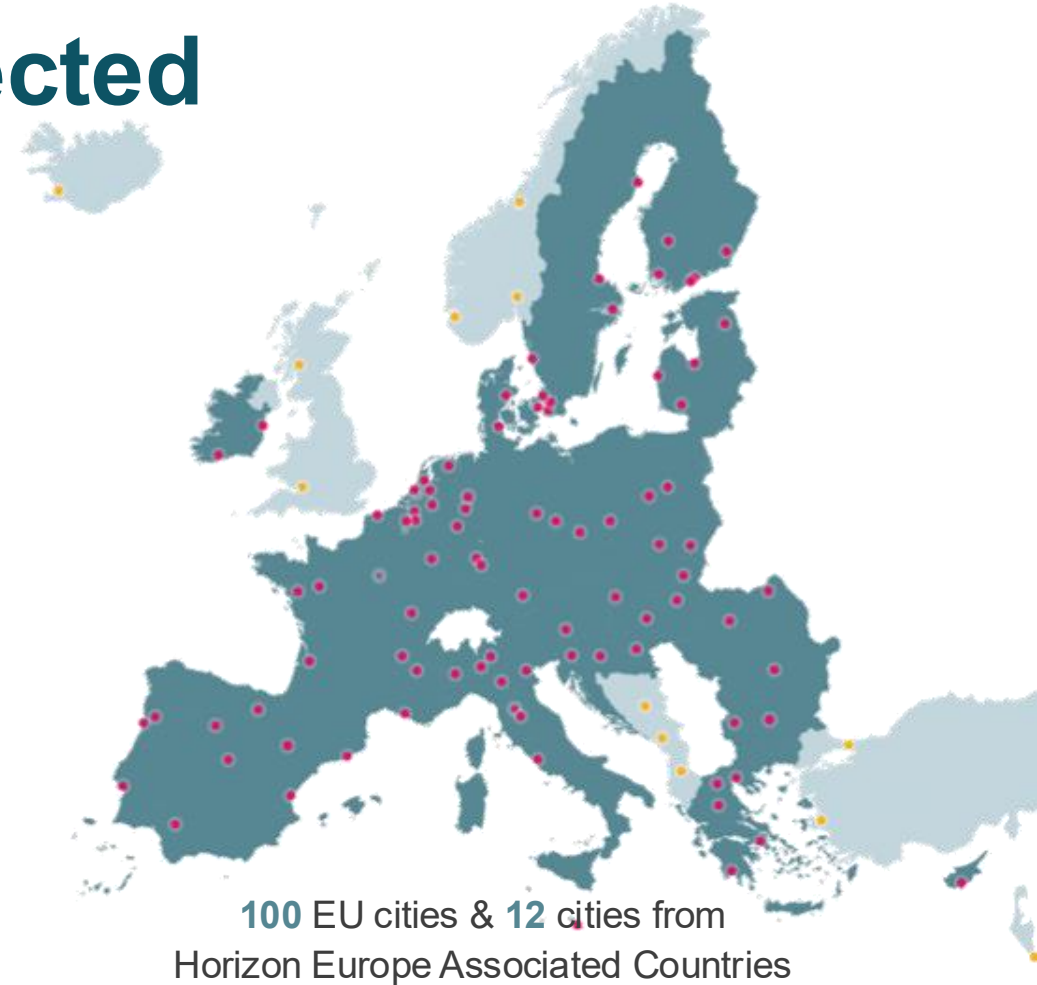
- Deliver 100 climate-neutral & smart cities by 2030
- Act as innovation hubs for other EU cities by 2050
- Supported by the NetZeroCities Mission Platform
- 92 cities have received the Mission Label to this date





How were Mission Cities selected

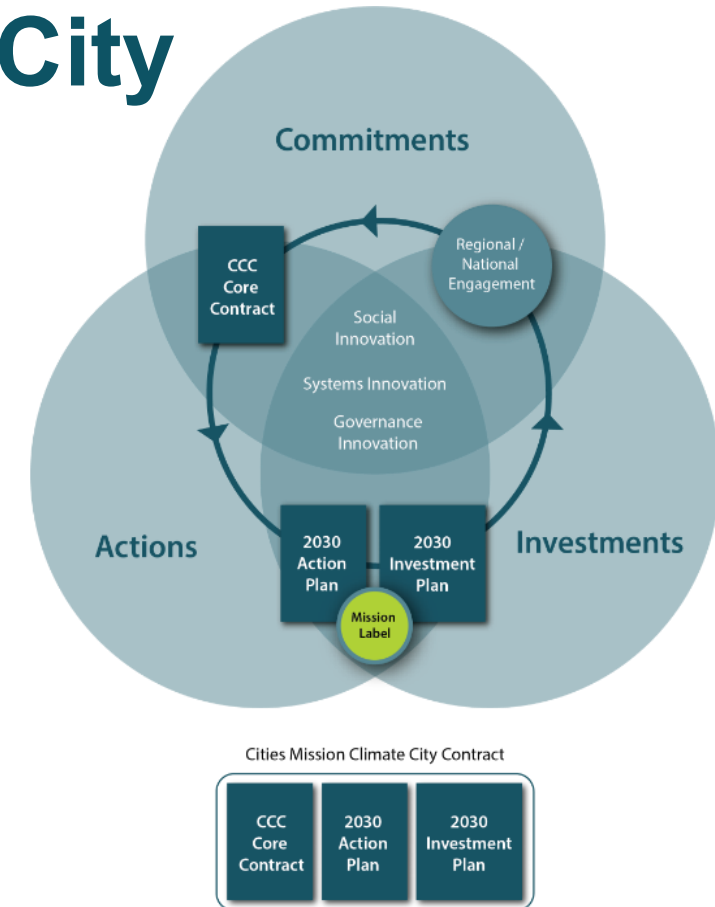
- Expression of Interest (2021)
- Eligible: Cities >50,000 inhabitants
- Diversity in geography, size, preparedness
- Different starting points → different pathways
- 377 applications received → **112 cities** selected





What does it mean to be a Mission City

- **Ambition:** Accelerating Climate Neutrality
- **Climate City Contract Contract (CCC):** plan + investment + commitment
- **Bottom-up approach** involving citizens, businesses, utilities, **national/regional** actors
- **Testbeds for:**
 - New technologies
 - Social innovation
 - Mobilising finance
 - Governance and MEL





Mission Cities' role in urban transformation and inspiration for Mission Minded Cities

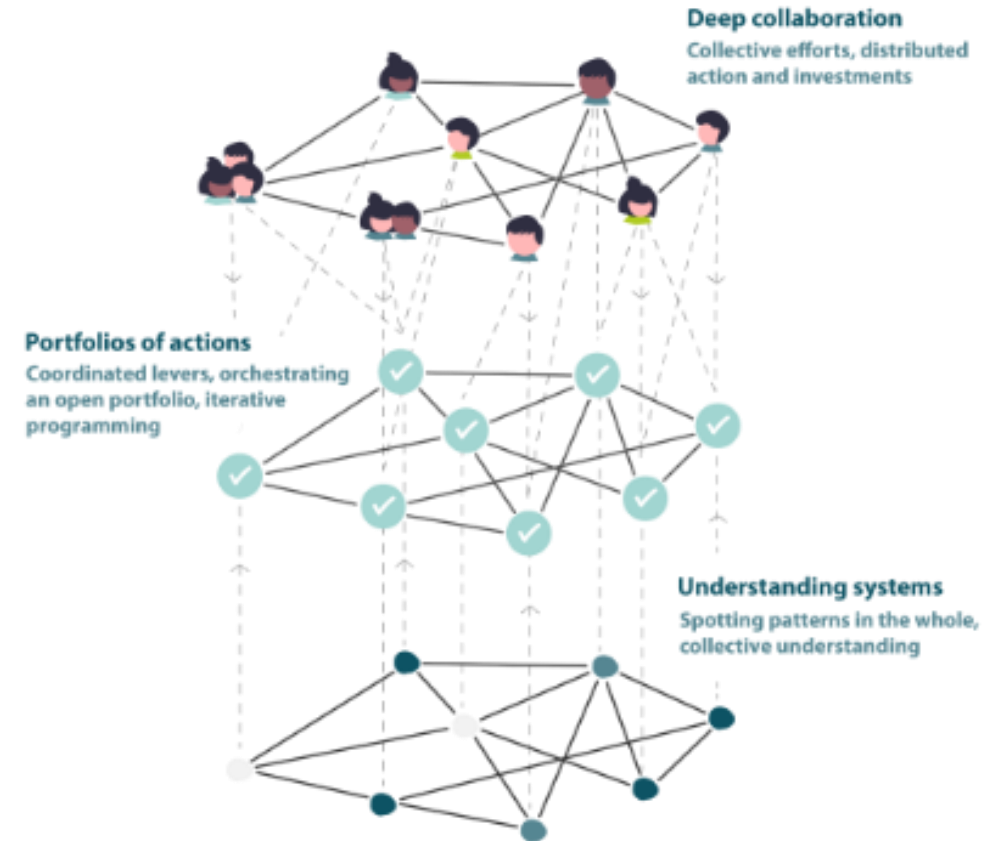
- Pioneers & role models
- Share knowledge & best practices
- Twinning with Mission-minded cities
- Roadmap to 2050 for all EU cities
- Building national networks





Introducing Mission Cities' Success Stories

- Mission Cities = pioneers for Europe's climate-neutral future
- But success depends on collaboration & replication
- Reflection:
 - How to engage with internal and external actors





Any Questions?





Lecturers



Kristine Hess-Akens

Head of Strategic Projects Unit
and EU-Mission Manager
Mission City: Aachen



Andrea Patrucco

Project Manager
Mission City: Milan





Success stories from Mission City Aachen

Kristine Hess-Akens

Head of Strategic Projects Unit and EU-Mission Manager



Online Planning Lab

The Mission Approach and the Climate Transition Team

City of Aachen

Kristine Hess-Akens, Head of strategic projects Unit & EU-Mission manager,
Dep. Contracts, Procurement and grant management, City of Aachen

Climate-Neutral Aachen 2030

Aachen on its way

1992

Ecological City of the Future | Joining the European Climate Alliance

2001

Guidelines for the environmentally friendly development of Aachen

2003

1st Aachen solar district in Laurensberg

2006

Aachen wird Klimaschutz-Kommune
Aachen becomes a climate protection city, Fairtrade Town

2011

Aachen becomes a climate protection municipality, Fairtrade Town

2014

Vision Mobility 2050: Climate impact adaptation concept

2019

The city council declares a climate emergency.

2020

Update of climate goals

2021

Signing of the Circular Cities Declaration

2022

Beitritt zur EU-Mission „100 Climate-Neutral and Smart Cities by 2030“ **Joining the EU mission 100 Climate-Neutral and Smart Cities by 2030**

2023

Update of IKSK towards of climate neutrality

2024

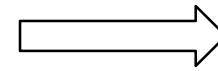
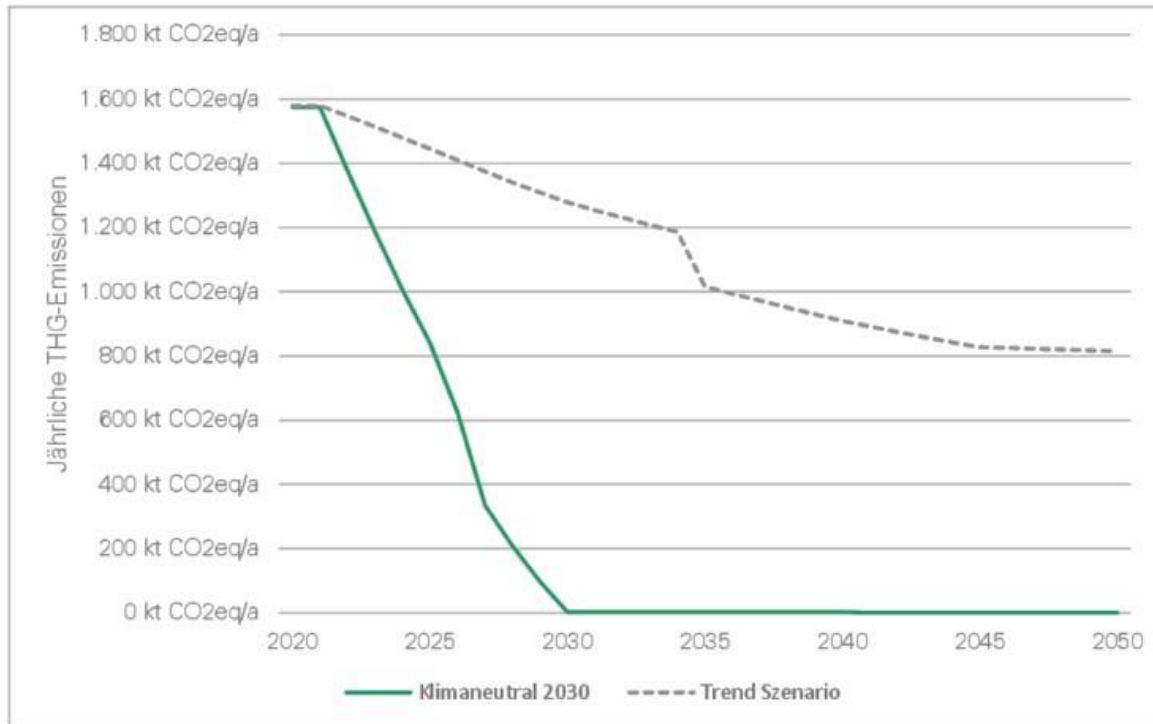
Submission of the CCC | Council resolution on IKSK 2.0: prioritization of measures as the city administration's contribution to achieving 2030 goal



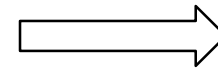
Climate-Neutral Aachen 2030

Baseline for Aachen

Comparison: Trend scenario and climate-neutral 2030 szenario



Resolution by the Aachen City Council 22 January 2020



Adoption of climate referendum by City Council on 11 May 2022



Climate-Neutral Aachen 2030

Comprehensive Transition



EU-Mission 100 CNSC

100 Climate-Neutral and Smart Cities by 2030



112 Mission Cities



35 Countries

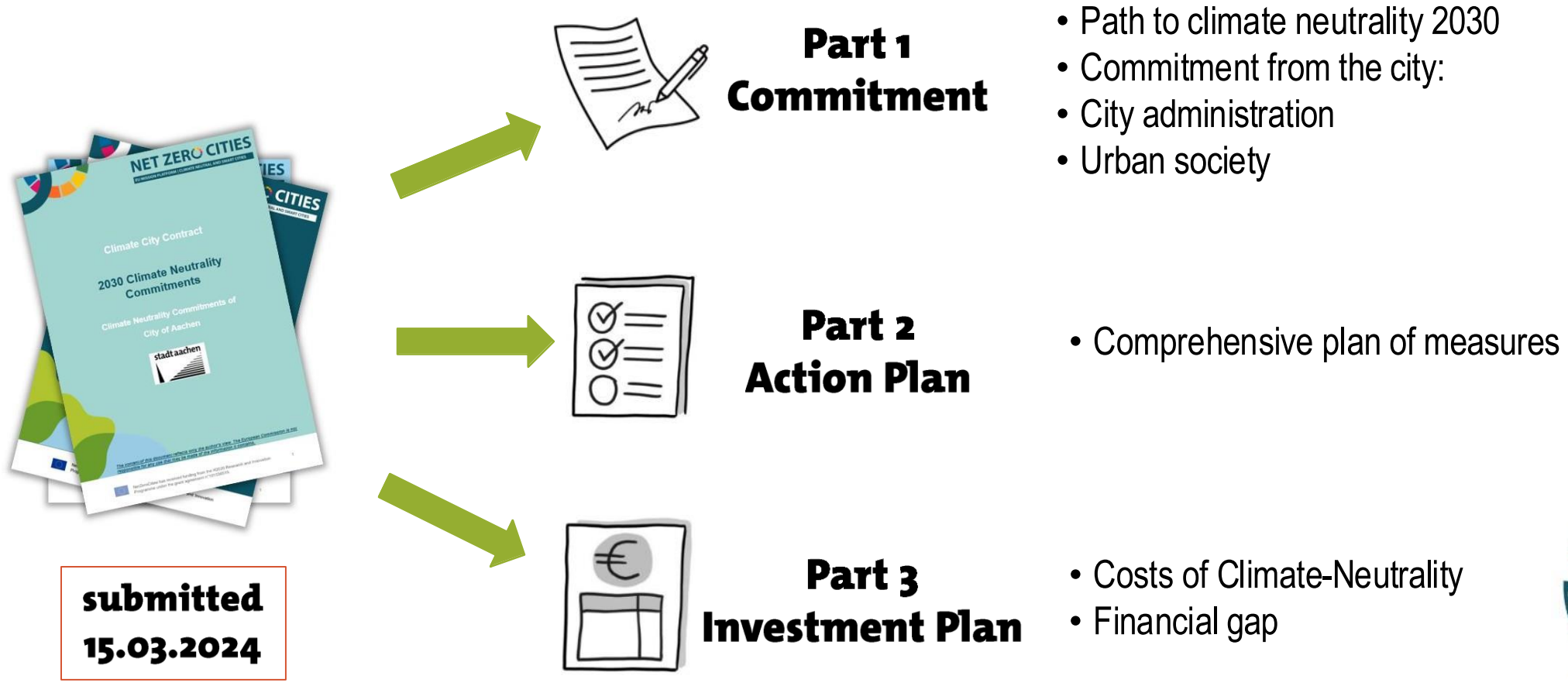
stronGER cities
for a climate-neutral Europe

Aachen
Dortmund
Dresden
Heidelberg

Leipzig
Mannheim
München
Münster

EU-Mission 100 CNSC – Climate City Contract

Tool of Transformation



Climate City Contract

Contribution of the City of Aachen



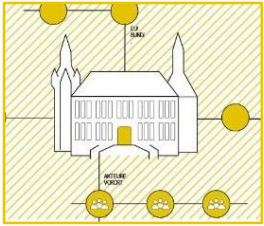
Update towards
the goal of
climate
neutrality 2030



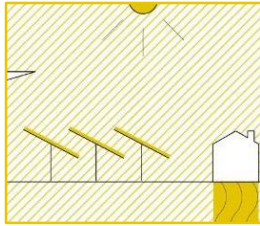
Climate City Contract

Contribution of the City of Aachen

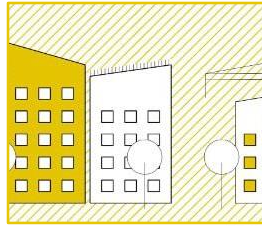
Governance



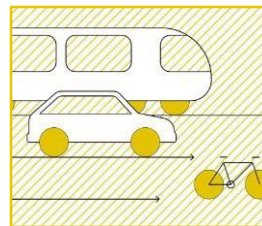
Energy



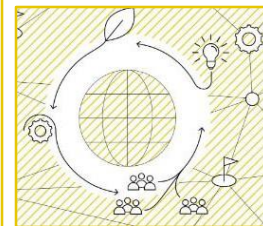
Buildings



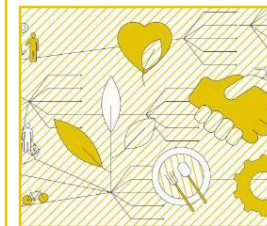
Mobility



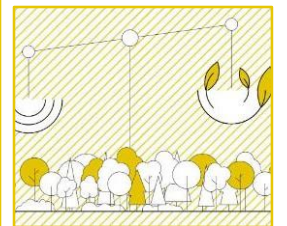
Economy



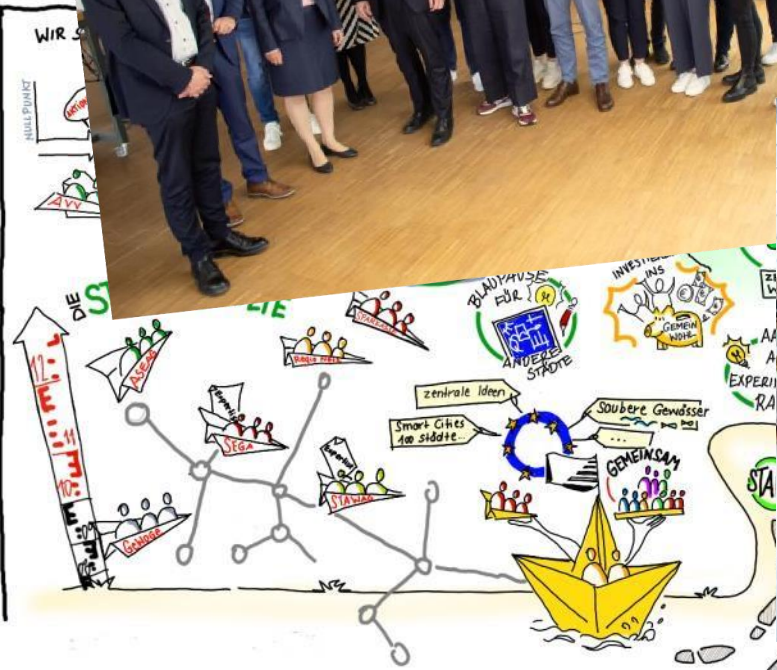
Social Transformation



Compensation



Stakeholder Engagement



Climate City Contract

Event “Aachen celebrates the CCC”- Ceremony

- On behalf of submission of the Climate City Contract
- Official part: Thanks to all participants, i.e. CCC-partners, political representatives and City administration



Climate City Contract

Event “Aachen celebrates the CCC”- Public Event

- Held in a public space
- Launch of the climate protection campaign “Us.Now”
- Audience: Citizens, stakeholder, representatives from politics and city administration



EU-Mission

Aachen receives EU Mission Label: October 2024



"The EU Mission Label celebrates the bold steps these 20 cities are taking towards climate neutrality. Their commitment paves the way for a sustainable and resilient future for all our communities. The Commission will continue supporting them on this journey."

EU-Mission

Climate-Neutral 2030 Aachen Office

Klimaneutrales
Aachen 2030 /
|||||

62
Rahmen



35
Basis



29
Premium



www.klimaneutrales-aachen-2030.de

Stadt Aachen |

Seite 48

EU-Mission

Support and offers from the office

- Board of Trustees
- Main Point of Contact for CCC Partners
- Tailored Support
- Participation
- Communication
- Exhibitions
- Events



Local Ecosystem

157 Commitment Partners

Gemeinsam für ein Klimaneutrales
Aachen 2030 /

Premium (26)



Rahmen (56)



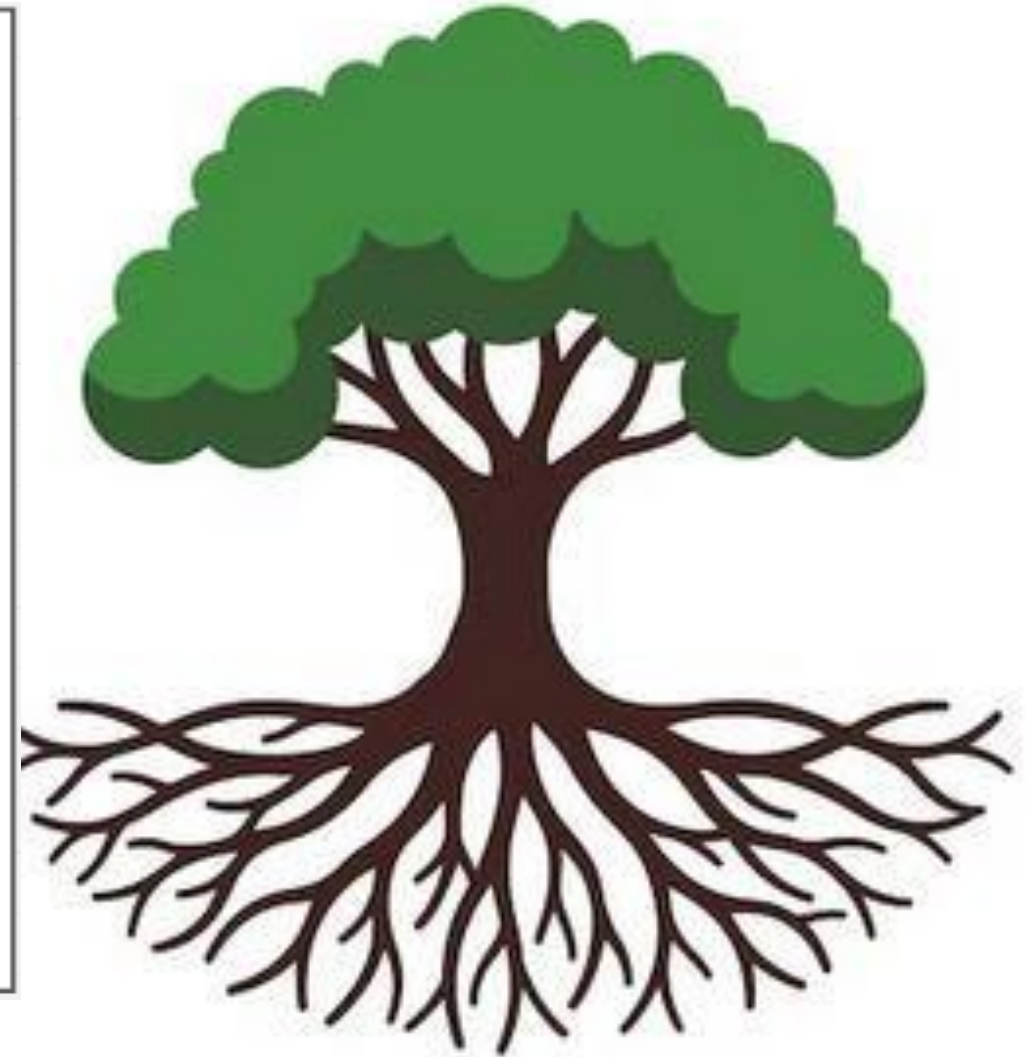
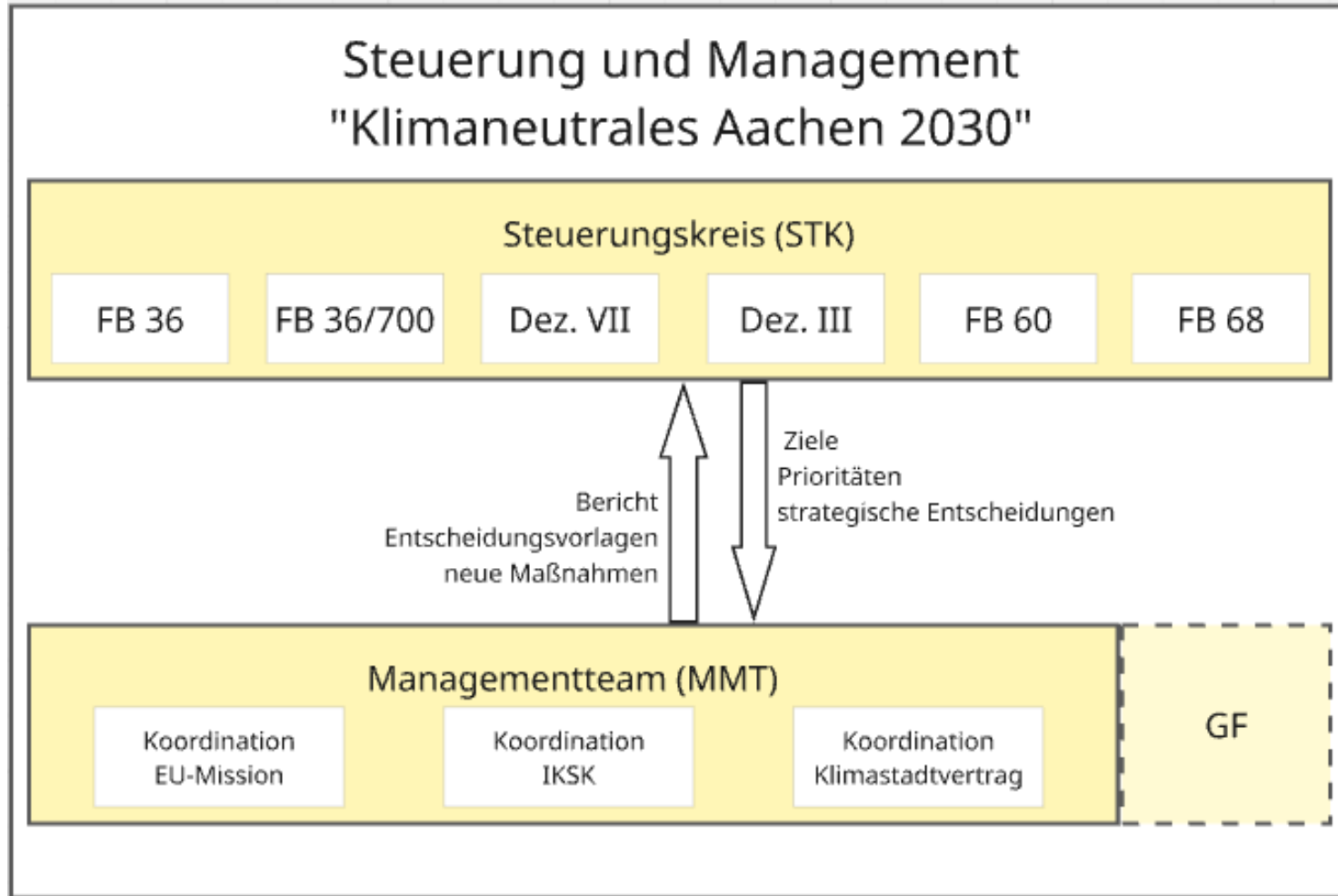
Basis (34)



LOI (19)



Transition Team: Governance structure



Reporting structure

KNAC
2030

overview

EU-Mission

overview

IKSK

overview

Tellprojekt: KNAC
Berichtszeitraum:

Gesamtstatus:

Zelt:
Ressourcen:
Wirksamkeit:

Stand: 11.04.2025

Fortschritte in der Berichtsphase

Probleme/ Hindernisse

Maßnahmen (zu Problemen/ Hindernissen)

Entscheidungsbedarf

+

Project plan

Personal			Jun-25	Jul-25	Aug-25	Sep-25	Oktober-25	Nov-25	Dez-25	Jan-26	Feb-26	März-26	Apr-26	Mai-26	Jun-26	Jul-26	Aug-26	Sep-26	Oktober-26	Nov-26	Dez-26
Leitung KNAC 2030 (Carin Jansen)																					
Kommunikation (Johanne Wiersma)																					
Transformationsmanager																					
Multistakeholdermanagement (N.N.)																					
Aufgabe	Zuständigkeit	Status																			
1. Akquisition neuer Commitments		laufend																			
1.1. 200. Commitments	Carin																				
1.2. 200. Commitments	Carin																				
2. Jahresabschluss	N.N.	laufend																			
3. Aufbau des CO2-Partnersystems zur Umsetzung																					
3.1. Leitlinien Klimaneutralität	Carin																				
3.2. Umsetzung des CO2-Partnersystems	Transformationsmanager	laufend																			
3.3. Bedeutung CO2-Partnersystem bei Entscheidungsfindung	Transformationsmanager	laufend																			
4. ...																					
4.1. Austausch, Workshops																					
4.2. Austausch, CO2-Karte																					
4.3. Austausch, Klimakarte																					
4.4. Vorbereitung der Finanzierung																					

+

OKR

Tellprojekt: DISCO
Berichtszeitraum:

Gesamtstatus:

Zelt:
Ressourcen:
Wirksamkeit:

Stand: 11.04.2025

Fortschritte in der Berichtsphase

Probleme/ Hindernisse

Maßnahmen (zu Problemen/ Hindernissen)

Entscheidungsbedarf

+

Details per Measure

Tellprojekt: KNAC
Berichtszeitraum:

Gesamtstatus:

Zelt:
Ressourcen:
Wirksamkeit:

Stand: 11.04.2025

Fortschritte in der Berichtsphase

Probleme/ Hindernisse

Maßnahmen (zu Problemen/ Hindernissen)

Entscheidungsbedarf

OKR: Kerneergebnisse pro Halbjahr				
Verantwortung EU Mission (see Policy)	Beratung des WMT und STK zu Potenzialen (Angehörigen) für die Stadt Aachen und Verpflichtungen (z.B. NZC-Anforderungen) der Stadt Aachen als Teil der EU Cities Mission in ihrem Klimaneutralitätsprozess (identifizieren, bewerten, beschreiben, beschreiben)	Verbreitung der Stadt Aachen in der Rolle der EU Mission City auf nationaler und internationaler Ebene	Beratung zu Fördermöglichkeiten für CO2-Maßnahmen und Projekte	
Ziele	Der STK soll sich über Verpflichtungen einer Mission-Plattform, so gut informiert und beraten, dass er strategische Entscheidungen für die Stadt Aachen treffen kann zu Positionierung der Stadt, Aufgabenfeldern zur Umsetzung und Prioritäten.	Aachen wird auf nationaler und europäischer Ebene als aktives und strategisch handelnde EU-Missionstadt wahrgenommen, indem ihre Interessen, Erfahrungen und Kompetenzen gezielt angesprochen und kommuniziert werden.	Praxisorientierte der Stadt Aachen sind in der Lage, passende EU-Fördermöglichkeiten für CO2-Maßnahmen (insbesondere der Städtebau) zu identifizieren und in strategische Entscheidungen zu integrieren.	
Ergebnis 1	Ein strukturierter Überblick über die relevanten Verpflichtungen und Unterstützungsangebote im Kontext der EU-Mission wird aufbereitet.	Die Stadt Aachen ist in mindestens 2 nationalen oder europäischen Mission-relevanten Foren aktiv vertreten (z.B. Lenkungsgruppen, Workshops, Panels, Peer-Learning).	Mindestens 2 konkrete CO2-Projekte oder Maßnahmen wurden bei der Förderberatung identifiziert (z.B. Hinweise auf Calls oder Mitwirkung an Anträgen).	
Ergebnis 2	Kurzbericht zur nationalen Umsetzung (Interim-Report) erstellt, mit Entscheidungsbildung der relevanten	Wachstums ein good practice oder Positionspapier von Aachen wird in das Netzwerk eingebracht oder veröffentlicht.	Ein strukturierter Förderbericht mit Kurzprofilen relevanter EU-Förderprogramme wurde erstellt oder aktualisiert.	
Ergebnis 3	Ergebnisse aus 2 relevanten NZC-Formulen (z.B. Capacity Building, Peer Learning) für den STK aufbereitet.	Ein Kurzbericht zur Repräsentation und Vernetzung wird dem STK bereitgestellt.	Mindestens ein internes Austausch- oder Beratungsforum wurde durchgeführt (z.B. im Klimabeirat, im Aachener...	

Name	Status	Qualität	Termine	Kosten
P2021/112 Maßnahme 5 - Verbesserte Datengrundlage für die Erfassung von Energie- und Gebäudedaten	<div></div>	<div></div>	<div></div>	<div></div>
P2024/026 Maßnahme 2 - Digitales Klimaschutzmonitoring	<div></div>	<div></div>	<div></div>	<div></div>
P2025/004 Maßnahme 3 - Übergreifendes Fördermanagement mit dem Fokus Klimaschutz	<div></div>	<div></div>	<div></div>	<div></div>
P2025/006 Maßnahme 4.1 - Agentur für Klima, Energie, Zirkularität und Nachhaltigkeit	<div></div>	<div></div>	<div></div>	<div></div>
P2025/007 Maßnahme 4.2 - Aufbau eines Klimafonds bei Sparkasse und Volksbank in Kooperation mit der I	<div></div>	<div></div>	<div></div>	<div></div>
P2025/008 Maßnahme 23 - Nachhaltige Beschaffung	<div></div>	<div></div>	<div></div>	<div></div>
P2025/128 Maßnahme 2 - Projektw	<div></div>	<div></div>	<div></div>	<div></div>
P2025/129 Maßnahme 2	<div></div>	<div></div>	<div></div>	<div></div>
P2025/130 Maßnahme 2	<div></div>	<div></div>	<div></div>	<div></div>
P2025/131 Maßnahme 2	<div></div>	<div></div>	<div></div>	<div></div>

Top-Projekte

Projekt	Phase	Status	% Abg.
P2025/004 Maßnahme 2 - Digitales Klimaschutzmonitoring	Planung / Projektstart	<div></div>	0%
P2025/006 Maßnahme 4.1 - Agent	Umsetzung	<div></div>	10%
P2025/007 Maßnahme 4.2 - Aufb	Umsetzung	<div></div>	0%
P2025/008 Maßnahme 23 - Nachh	Umsetzung	<div></div>	0%
P2025/128 Maßnahme 2 - Projek	Umsetzung	<div></div>	0%
P2025/129 Maßnahme 2	Umsetzung	<div></div>	0%
P2025/130 Maßnahme 2	Umsetzung	<div></div>	0%
P2025/131 Maßnahme 2	Umsetzung	<div></div>	0%

Governance



Since 2023:
4 Two-Day Strategy Offsites

Topics:
Internal Governance; Roles and responsibilities, communication concepts, integrated planning: CCC, climate mitigation concept, communication campaign

Governance



Development, process and facilitation are supported and currently funded by NZC CESF



Since 2023:
4 Two-Day Strategy Offsites

Topics:
Internal Governance; Roles and responsibilities, communication concepts, integrated planning: CCC, climate mitigation concept, communication campaign

Climate-Neutral Aachen 2030

Aachen's Transition Team



Not in the picture: **Frauke Burgdorff**, deputy mayor for urban planning, construction and mobility
Klaus Meiners, head of climate and environment department, **Daniel Kelterbaum**, head of division emissions and climate protection

NZC Projects

Involvement of citizens in CCC



- ➡ Formats for citizen participation
- ➡ 1,5 degree lifestyle tool for behaviour change
- ➡ Establishment of an agency for climate, energy, circularity and sustainability

NZC Projects:

CoLAB (Pilot City) Project




Finde dein Match

Je besser eine Aktion zu deinen Antworten passt, desto weiter oben erscheint sie. Über die Filterfunktion lassen sich die Handlungsvorschläge noch besser auf dich und deinen Alltag zuschneiden.

Klicke „Match!“ bei den Aktionen an, die du umsetzen wirst. Solltest du Aktionen bereits erfolgreich in deinen Alltag integriert haben, markiere die mit „Erledigt!“. Wähle „Keine Auswahl.“, wenn dich die vorgeschlagene Aktion nicht interessiert.

Hinweis: Treibhausgase wie Kohlenstoffdioxid, Methan und Lachgas werden in sogenannten CO₂-Äquivalente zusammengefasst, um ihre unterschiedliche Wirkung auf das Klima vergleichbar zu machen.

 klimastadtvertrag.de 




1500 kg CO₂e pro Jahr

Ich stelle meine Heizung von Öl/Gas auf Fernwärme oder Wärmepumpe um.

[Weitere Infos anzeigen](#)

☐ Erledigt!
☐ Match!
☐ Keine Auswahl.



1000 kg CO₂e pro Jahr

Ich produziere meinen Strom selbst (PV).


[Weitere Infos anzeigen](#)

☐ Erledigt!
☐ Match!
☐ Keine Auswahl.



500 kg CO₂e pro Jahr

Beim Wohnungs-/Hauswechsel achte ich auf weniger Wohnfläche und die Effizienzklasse.



600 kg CO₂e pro Jahr

Ich fahre auch im Winter Fahrrad.

[Weitere Infos verbergen](#)

Mit passender Kleidung und den richtigen Reifen ist der Winter fürs Fahrrad fahren kein Problem.

Infos zu Möglichkeiten der Mitgestaltung der Mobilität in Aachen findest du [hier](#)

Wenn du diese Aktion umsetzt, kannst du etwa 600 kg CO₂e pro Jahr einsparen.

So viele Aachener*innen haben bereits angegeben, dass sie diese Aktion...

- erledigt haben: 4
- machen werden: 2



It's a Klima Match

Beitrag zum Klimastadtvertrag

Die Stadt Aachen bestätigt dir die Einreichung mit den folgenden Aktionen:

- Ich stelle meine Heizung von Öl/Gas auf Fernwärme oder Wärmepumpe um. Reduktionspotenzial: 1500 kg CO₂e/Jahr
- Ich produziere meinen Strom selbst (PV). Reduktionspotenzial: 1000 kg CO₂e/Jahr
- Ich spare Energie durch cleveres Heizen und Lüften. Reduktionspotenzial: 500 kg CO₂e/Jahr
- Ich verringere meinen Wasserverbrauch. Reduktionspotenzial: 100 kg CO₂e/Jahr

Vielen Dank!
Dein Engagement macht Aachen ein Stück klimafreundlicher und zukunftsfähiger.







www.aachenklima.de

NZC Projects:

Enabling City Transformation Programme



GRIP Project:

Oslo, Aachen, Kosice

- focus: sustainable procurement
- 18 months, starting in March 2025

GRIP

Green Responsible Innovative Procurement

Consortium:

Cities:



Science:



Cross-Sector
Collaboration:



Selected pilot procurements

1. Planning and execution of a low-CO₂ road construction project: the Metzgerstraße example



2. Planning services for a new timber-frame daycare center



3. Procurement of reclaimed building parts/products



4. Framework contract for vegetarian and vegan catering services, including an ordering platform



Timeline

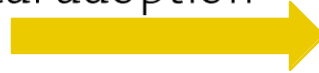
Outcomes Pilot
Procurements



Input for Market
Dialogue (Spring 2026)



Proposal and draft for
political adoption



New framework
politically ratified

**Summer
2026**



GRIP – Green Responsible Innovative Procurement

GRIP Declaration: Public procurement as a climate tool

As part of the European mission “Climate-neutral and smart cities,” we recognize the central role of cities in achieving the EU's climate goals by 2050.

Our common goal: Systematically integrate climate targets into procurement procedures.

Actively strengthen the market for emission-free solutions.

Collaborate with other cities and share best practices.

Our approach: Strategic use of municipal purchasing power for greater climate impact.



Launch of the GRIP Declaration



More infos:

EU-Mission: 100 Climate-Neutral and Smart Cities

<https://www.youtube.com/watch?v=GvAxPiJZEZE>



Klimaneutrales Aachen 2030

https://www.aachen.de/DE/stadt_buerger/energie/Klimaneutrales-Aachen/index.html



CoLAB-Pilotprojekt

<https://netzerocities.eu/germanys-pilot-activity-colab-committed-to-local-climate-action-building>



KlimaMatch Tool

klimastadtvertrag.de/aachen/klimamatch



City of Aachen
Kristine Hess-Akens

kristine.hess-akens@mail.aachen.de
+49 241 432 6002



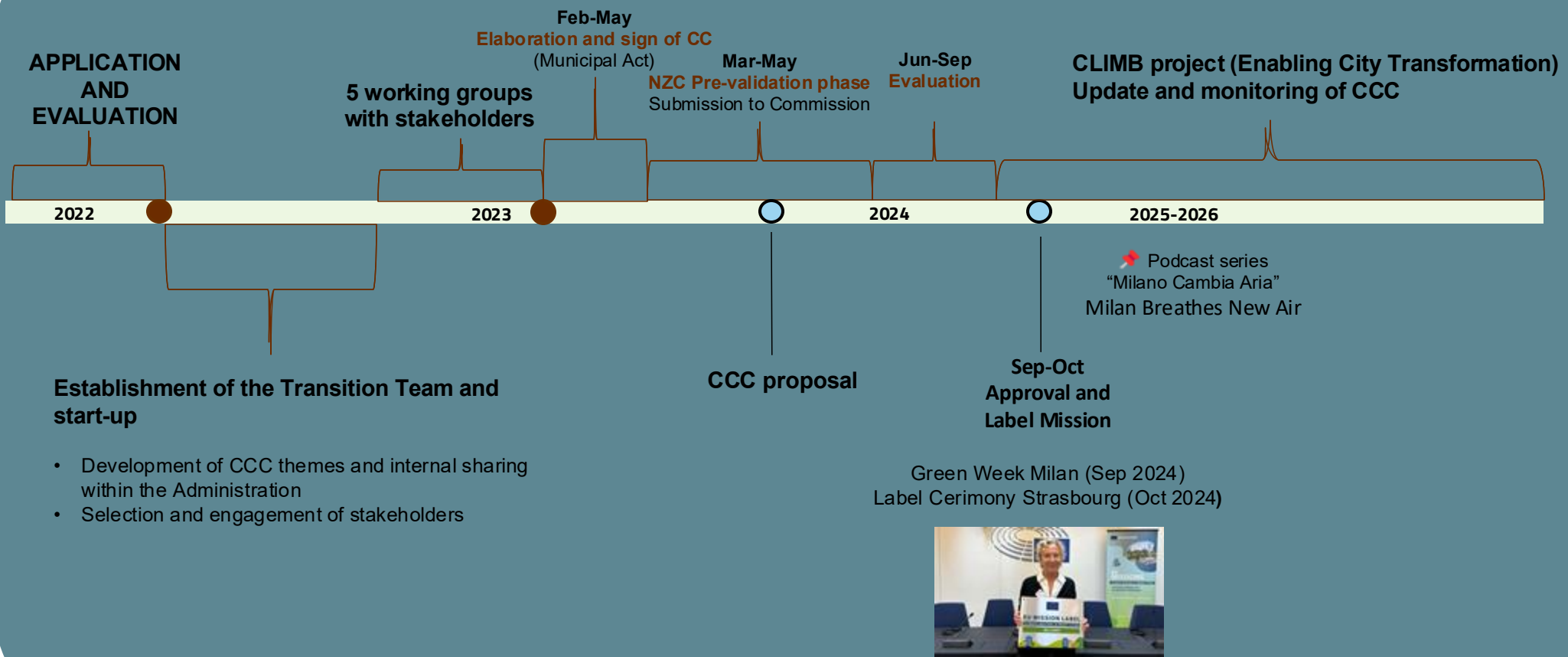
Success stories from Mission City Milan

Andrea Patrucco
Project Manager



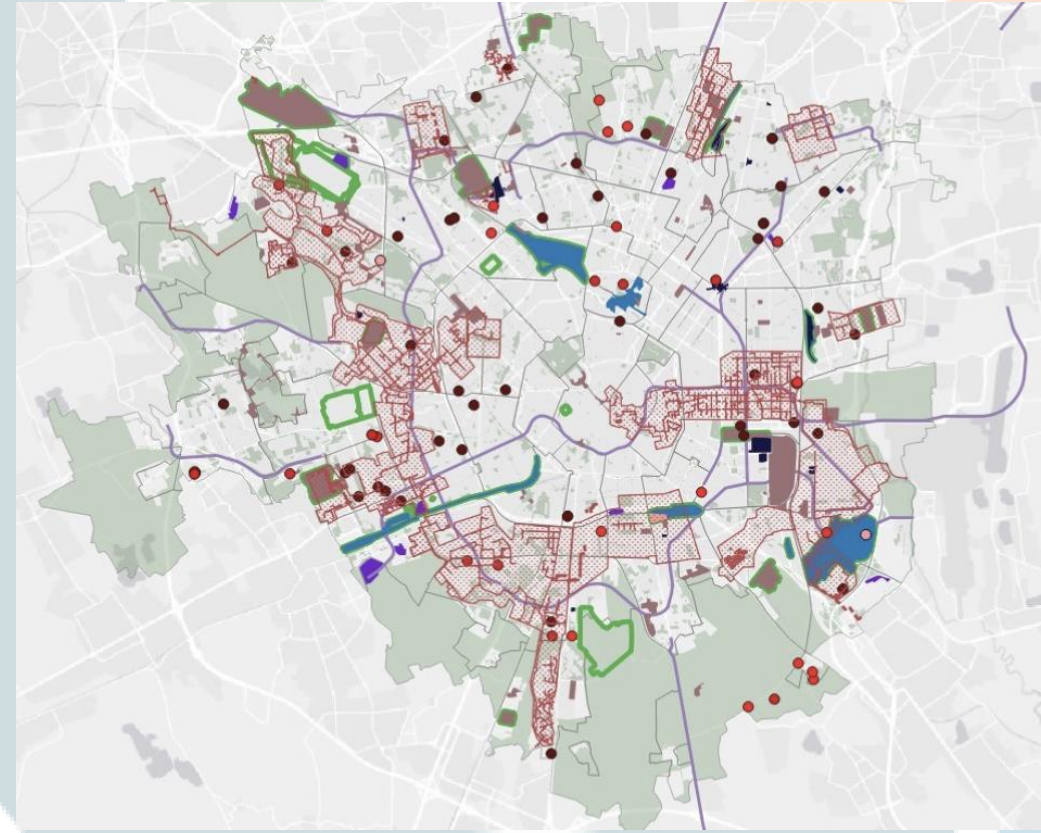


Mission 100 Cities – The pathway



Milan's challenges before signing the Climate City Contract

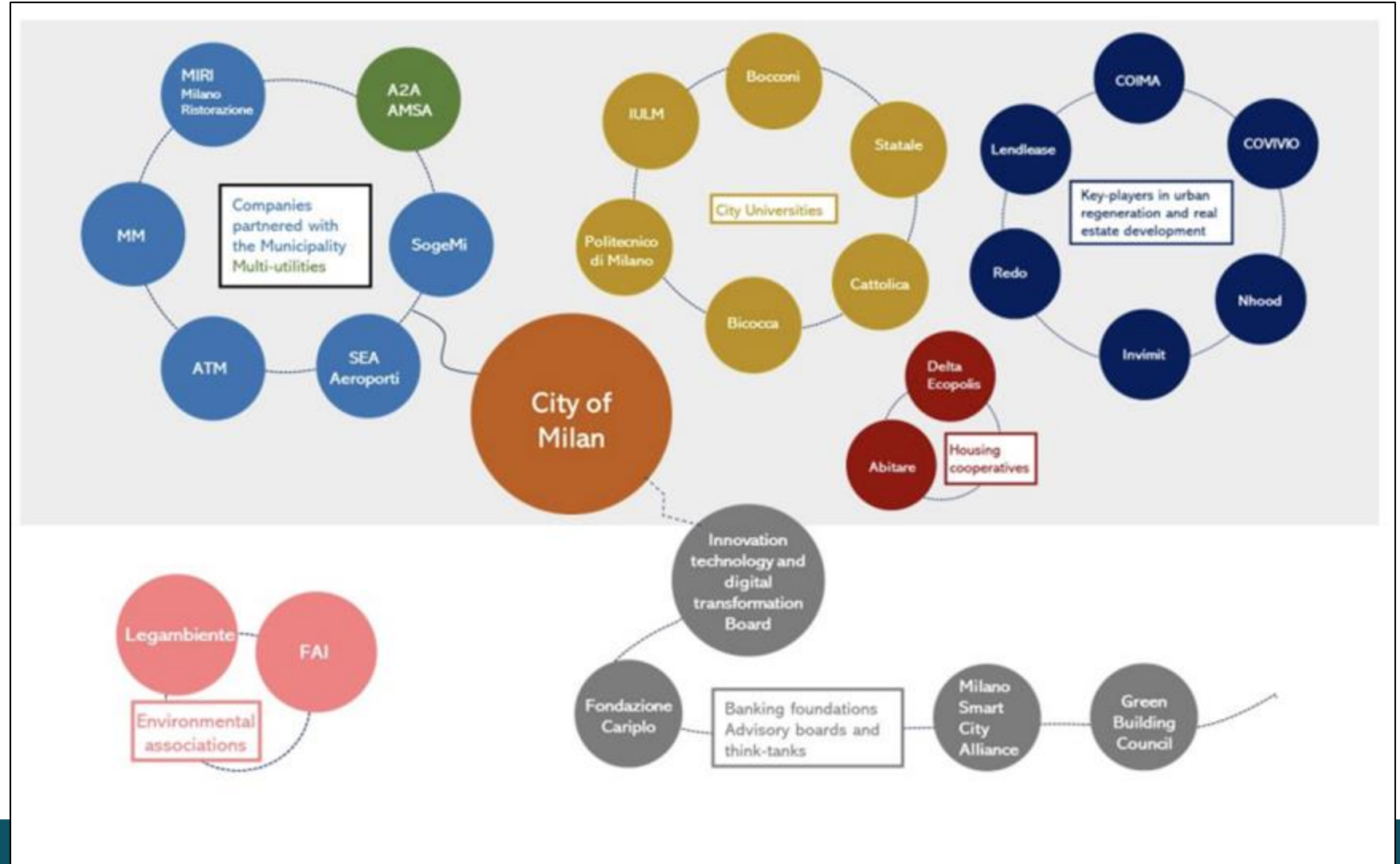
- **Climate ambition**
Exceeding the 60% CO₂ reduction target set in the Air and Climate Plan and moving towards neutrality by 2030.
- **Stakeholder engagement**
Involving a wide and diverse group of city actors (utilities, universities, service providers, developers, innovators, civil society, foundations) in a shared vision and commitment.
- **Integration of projects**
Avoiding fragmentation by developing innovative and scalable “carbon neutral” regeneration projects, interconnected through energy, mobility, and green infrastructure.
- **Policy alignment**
Ensuring coherence between the Air and Climate Plan, the Territorial Government Plan, and other strategies, to strengthen urban planning tools for mitigation and adaptation.





The signatories of the first edition of the CCC of Milan

- Municipal Companies / Public Companies
- Universities
- Urban Regeneration Operators
- Housing / Service Cooperatives
- Foundations, Environmental Associations, and Business Associations, Think Tanks, and Innovation Boards





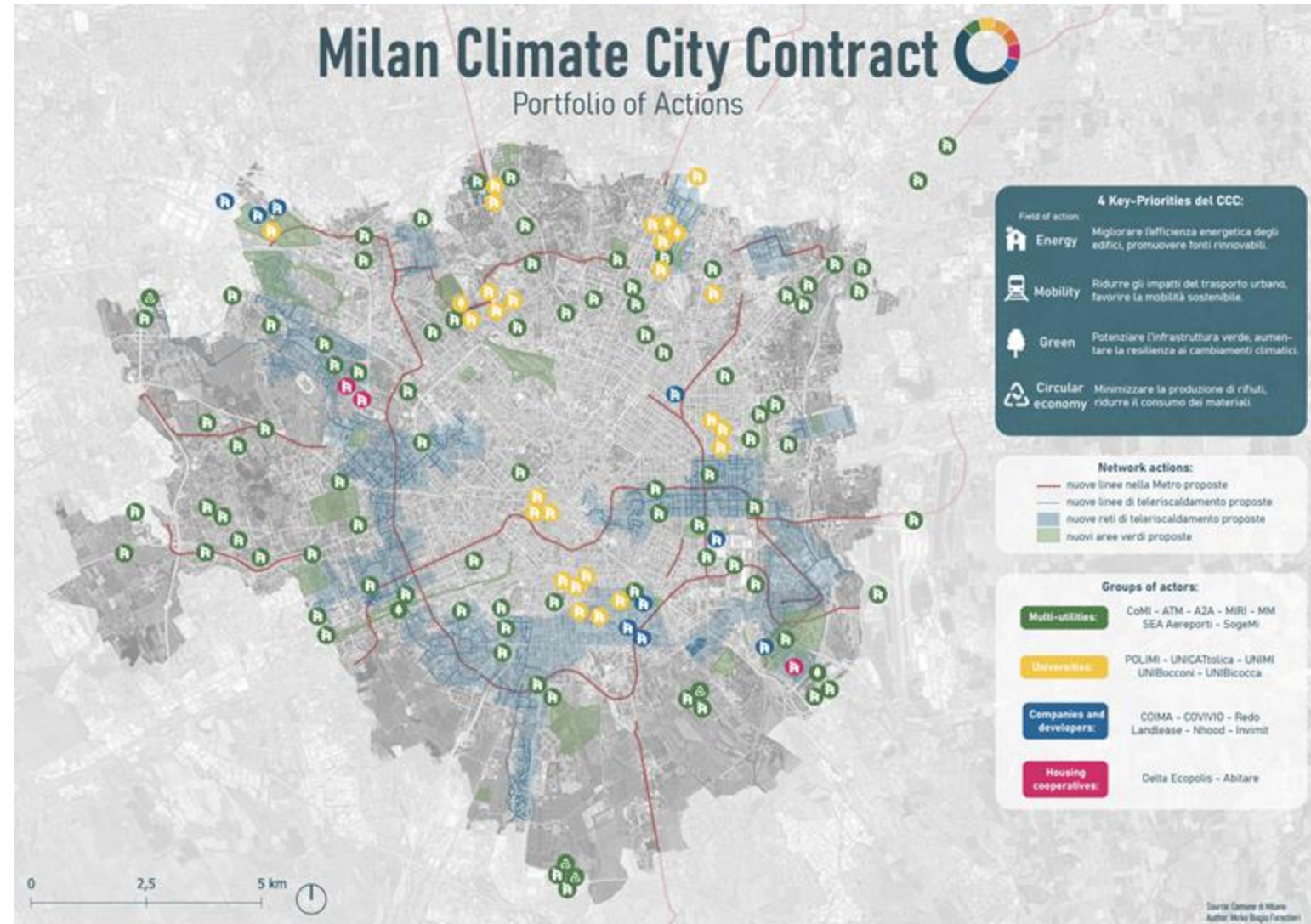
CCC - Actions

157 actions
6 billion EUR in investments

40 actions + 11 enabling actions
proposed by the Municipality of
Milan
(corresponding to about 117 funded
initiatives)

+

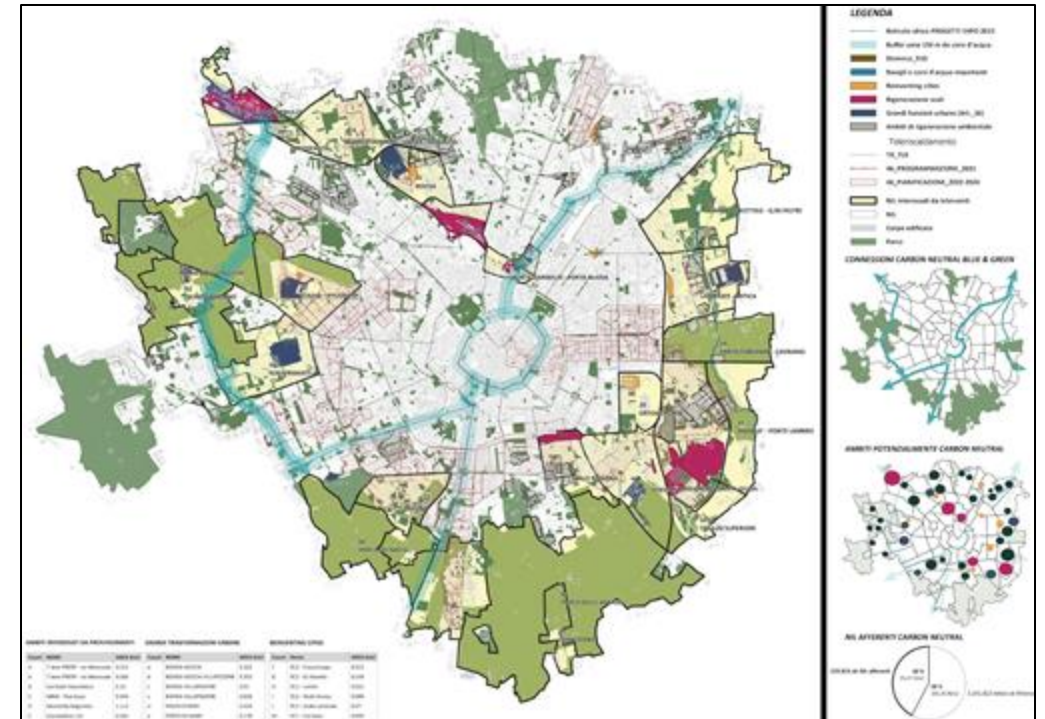
70 projects + 36 enabling actions
proposed by stakeholders
with a direct impact on emission
reduction





The “molecular strategy”

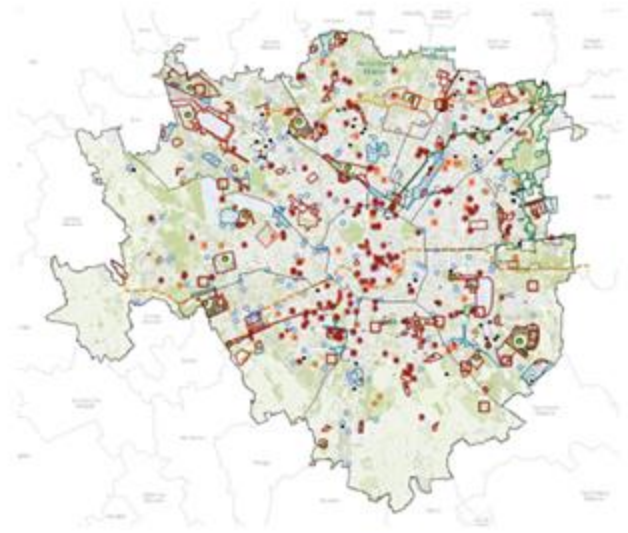
- An intermediate framework useful for reading and designing acceleration pathways towards climate neutrality.
- A possible strategic model to address the city's decarbonisation.
- A possible operational reference for planning.



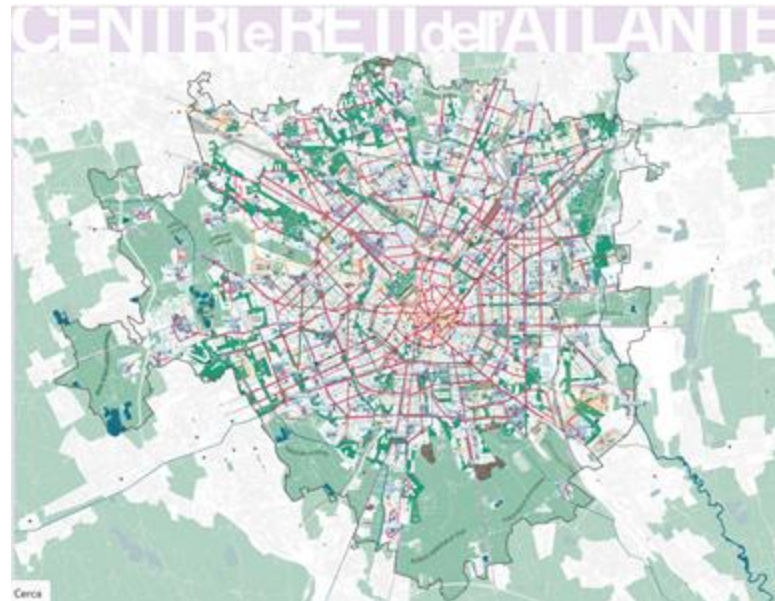


The molecular strategy and the territory

References and ways of interpreting the molecule across different “layers” and scales



Neighbourhood Atlas
Atlante dei quartieri



Atlas of Urban Regeneration
Atlante della rigenerazione urbana



Area Studies
Studi d'area

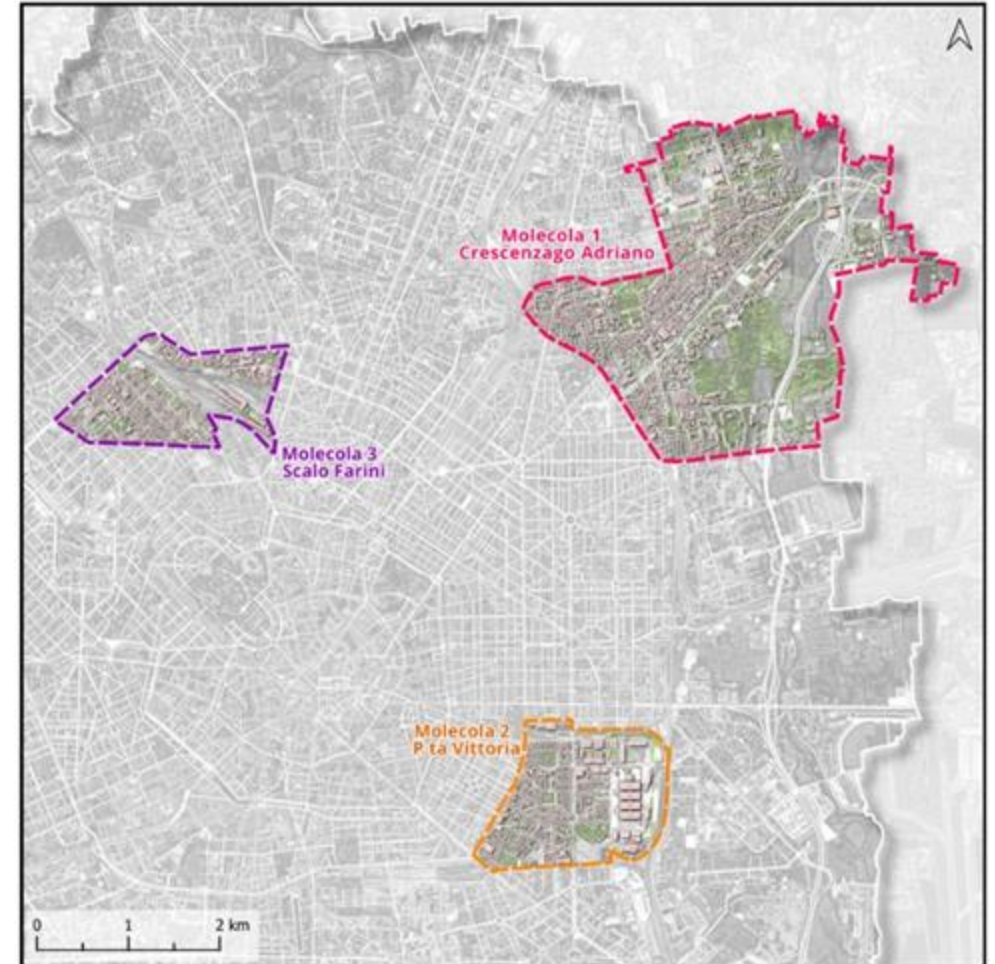




The “molecular strategy”

Decarbonization scenarios to be tested on «urban molecules»

1. **CRESCENZAGO-ADRIANO - LAMBRO**
2. **PORTA VITTORIA**
3. **FARINI**





CLIMB - CLimate-neutrality through Integrated Molecular model for urBan regeneration with sustainable finance

The CLIMB project is funded by the European Horizon Europe programme under the call “Enabling City Transformation,” within the Mission “100 Climate-Neutral and Smart Cities by 2030.” FROM MARCH 2025 TO SEPTEMBER 2026 (18 MONTHS)

PARTNERSHIP

Municipality of Milan (Coordinator) + Bocconi University SUR Lab (Partner)

GOALS

- Implement a molecular model for decarbonisation and urban regeneration
- Test **decarbonisation scenarios in “urban molecules”** through building energy retrofits, renewable energy integration, sustainable mobility initiatives, and nature-based solutions (NBS)
- Design **sustainable finance tools**
- Promote collaborative governance among different municipal departments
- Facilitate knowledge exchange with other cities (NetZeroCities)





• Study visit

EXPLORE



SHAPE



ACTIVATE

• Workshop



Stakeholder engagement at molecular level

3 STUDY VISITS

3 WORKSHOPS

1 Policy guidance document
(CCC update)

Replicable event format for each working module, with the aim of

[1] **Exploring the selected areas** and interacting with the signatories' CCC;

[2] **Collecting inputs and developing insights** on to 3 thematic decarbonization dimensions:

- Low-Impact Buildings and Renewable Energy Networks
- Active Mobility and Transport Decarbonization
- Natural Capital and Nature-Based Solutions

- Consolidates inputs from **site visits** and **workshops**
- Processed according to **team skills** and **thematic expertise**
- Represents the **final output** of the strategic work process

Milano



Comune di Milano

Call for Proposals

NetZeroCities Enabling City Transformation Programme (2024)

CLIMB

CLimate-neutrality through Integrated Molecular model for urBan regeneration with sustainable finance

1st STUDY VISIT

MOLECOLA

CRESCENZAGO-ADRIANO

NET ZERO CITIES

EUROPEAN PLATFORM FOR CLIMATE-NEUTRAL AND SMART CITIES

PROGRAMMA

- 

PARTENZA: M3 Crescenzago
- 

"Green Between"
- 

"Welcome, feeling at work"
- 

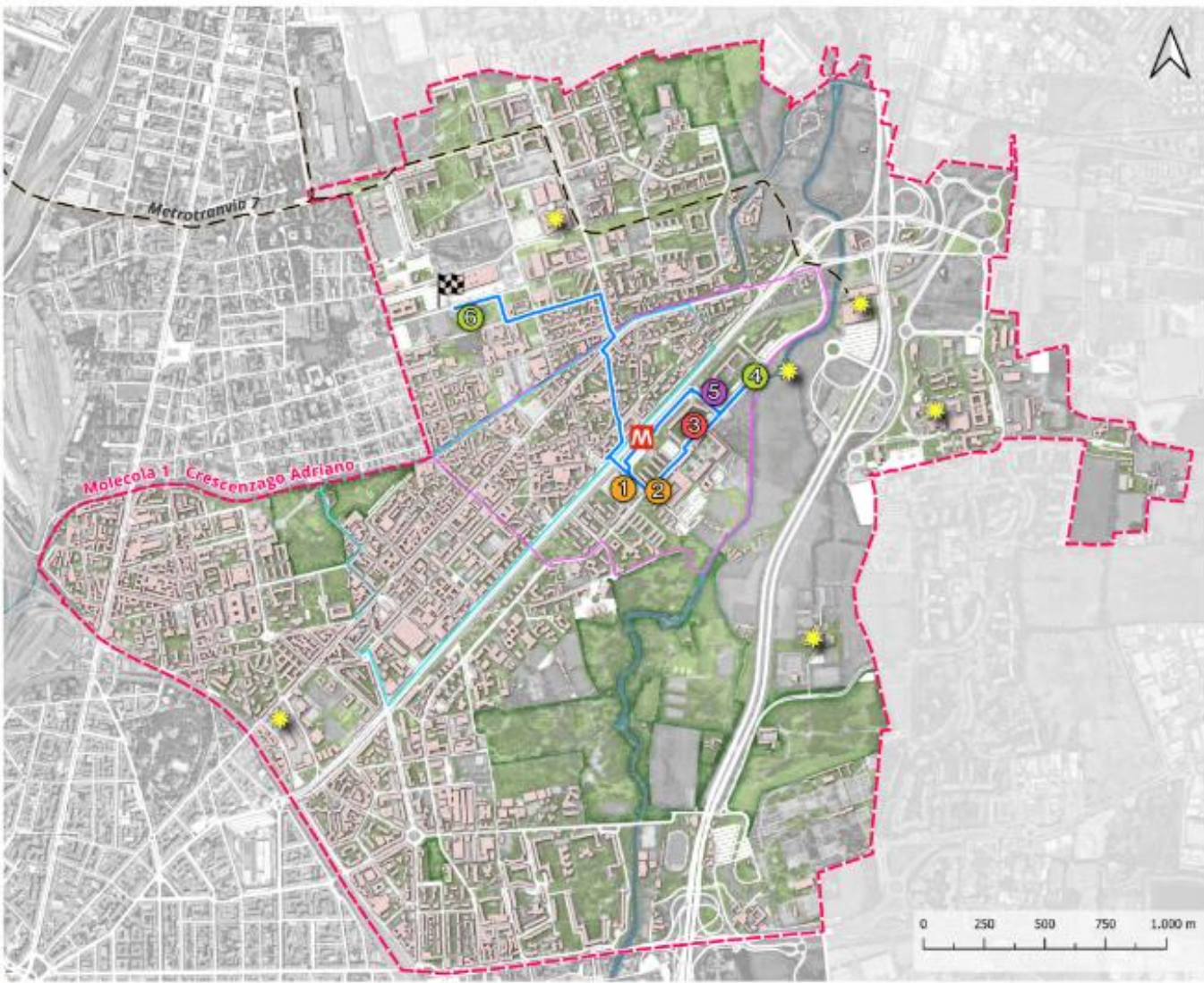
Intervento edilizia ERP
- 

Progetto Re-LAMBRO
- 


1^a TAPPA: "Urbana New Living"
- 


Orti di SIEMENS
- 


ARRIVO: Sede SIEMENS




LEGENDA


- 


Molecola Crescenzago-Adriano
- 


Area simulazione energetica (AMAT)
- 


Perimetro Progetto "Quartieri Resilienti"
- 

Luoghi notevoli

- 

Edificio
- 

Sede stradale
- 

Corso d'acqua
- 

Verde urbano
-

Parco

WEB MAP



SCAN IT



Funded by
the European Union





Molecola 1 Adriano-Crescenzago-Lambro

LEGENDA

- Metrotranvia Nord Linea 7
- Rete teleriscaldamento
- ⚡ Colonnine di ricarica EV
- Rete ciclabile esistente
- Zone di Espansione del Lambro
- Area PLIS Media Valle Lambro

DBT Comunale

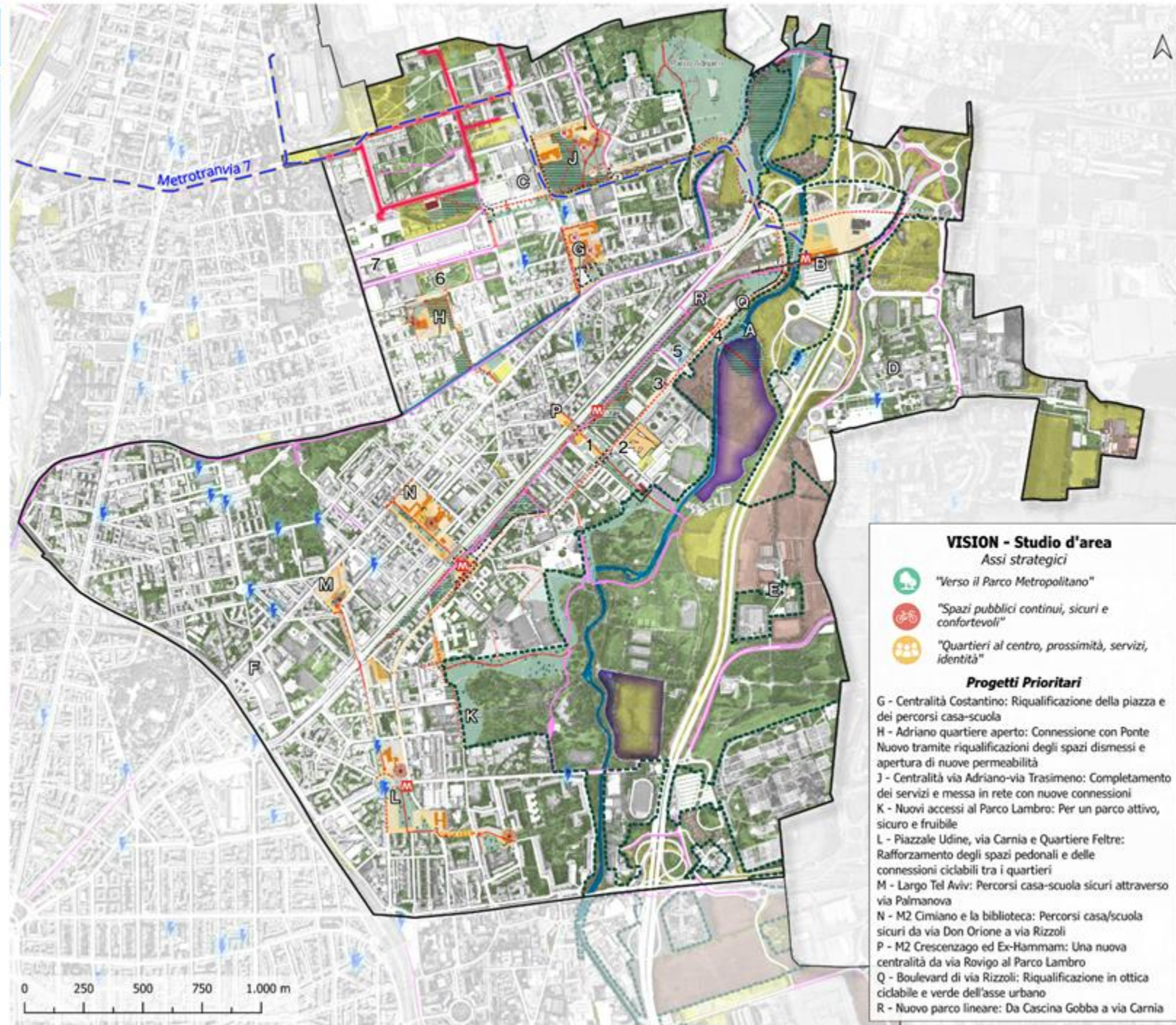
- Corso d'acqua
- Verde urbano
- Coltura agricola
- Pascolo o incolto

Tappe Study Visit

- 1 - Green Beetween
- 2 - Welcome (ex Rizzoli)
- 3 - Complesso ERS
- 4 - ReLambro
- 5 - URBANA New Living
- 6 - Orti SIEMENS
- 7 - HEADQUARTERS SIEMENS

Punti notevoli

- A - Impianto idroelettrico di Crescenzago
- B - Nodo interscambio di Cascina Gobba
- C - Fotovoltaico e tetto verde ESSELUNGA
- D - Polo Ospedaliero SAN RAFFAELE
- E - Polo Culturale CASCINA BIBLIOTECA
- F - Deposito flotta bus elettrici ATM



VISION - Studio d'area Assi strategici

- "Verso il Parco Metropolitano"
- "Spazi pubblici continui, sicuri e confortevoli"
- "Quartieri al centro, prossimità, servizi, identità"

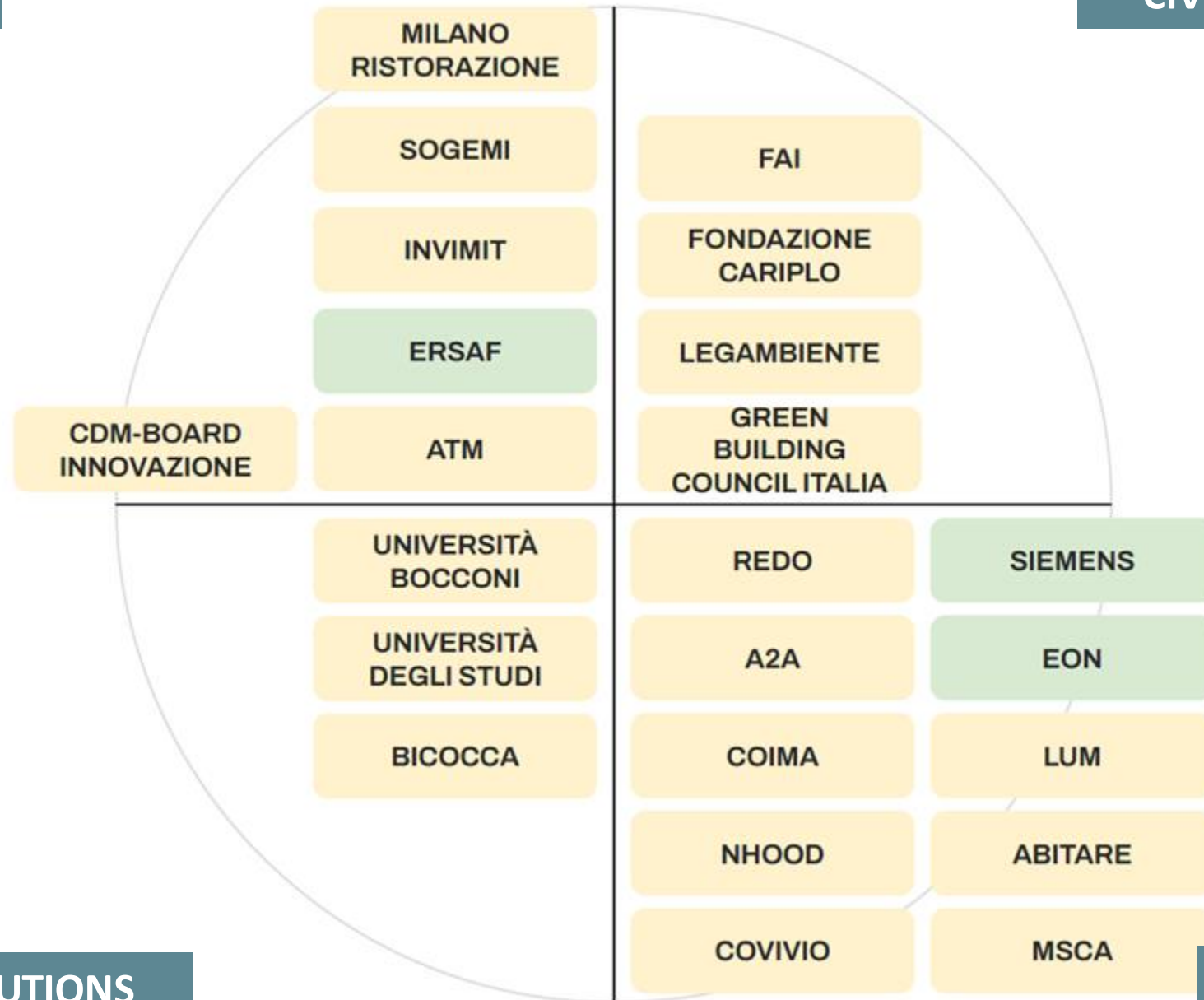
Progetti Prioritari

- G - Centralità Costantino: Riqualficazione della piazza e dei percorsi casa-scuola
- H - Adriano quartiere aperto: Connessione con Ponte Nuovo tramite riqualficazioni degli spazi dismessi e apertura di nuove permeabilità
- J - Centralità via Adriano-via Trasimeno: Completamento dei servizi e messa in rete con nuove connessioni
- K - Nuovi accessi al Parco Lambro: Per un parco attivo, sicuro e fruibile
- L - Piazzale Udine, via Carnia e Quartiere Feltre: Rafforzamento degli spazi pedonali e delle connessioni ciclabili tra i quartieri
- M - Largo Tel Aviv: Percorsi casa-scuola sicuri attraverso via Palmanova
- N - M2 Cimiano e la biblioteca: Percorsi casa/scuola sicuri da via Don Orione a via Rizzoli
- P - M2 Crescenzago ed Ex-Hammam: Una nuova centralità da via Rovigo al Parco Lambro
- Q - Boulevard di via Rizzoli: Riqualficazione in ottica ciclabile e verde dell'asse urbano
- R - Nuovo parco lineare: Da Cascina Gobba a via Carnia

Stakeholder mapping at molecule scale

PUBLIC SECTOR

CIVIL SOCIETY



RESEARCH INSTITUTIONS

PRIVATE SECTOR

Report of the workshop



Stakeholder
matrix:
power/interest

Tavoli tematici

Il workshop si è strutturato nei tre tavoli tematici:

- Edifici a basso impatto ambientale e reti energetiche rinnovabili
- Mobilità attiva e decarbonizzazione dei trasporti
- Capitale Naturale e Nature Based Solutions

Ogni tavolo ha approfondito il potenziale di decarbonizzazione in 3 sessioni:

Sessione 1 – Attori

I partecipanti hanno ricevuto una mappa con i firmatari del CCC e altri firmatari potenzialmente rilevanti, suddivisi per categoria. Hanno collocato gli attori in una matrice interesse/potere, in base al tema del tavolo e al territorio della molecola.

Sessione 2 – Opportunità

Ogni tavolo ha identificato attori per la decarbonizzazione, ispirandosi a:

- questionari post study visit;
- schede di attori tratte da "Green and thriving neighbourhoods" di C4B.

Le azioni sono state inserite in una matrice azione/impatto, valutando fattibilità e co-benefici ambientali/sociali/economici/culturali.

PER INFORMAZIONI SULLE AZIONI DI IMPEGNO DELLA MOLECOLA, VISITATE IL SITO: www.molecola.eu

EDIFICI	ALTERNATIVE	CONTRIBUTORI	CULTURALI
1. Miglioramento delle prestazioni energetiche degli edifici esistenti e nuovi.	1. Integrazione delle rinnovabili nei sistemi di riscaldamento e raffreddamento.	1. Miglioramento della qualità dell'aria e del microclima urbano.	1. Valorizzazione del patrimonio storico e culturale.
2. Adozione di soluzioni innovative per la riduzione dei consumi energetici.	2. Implementazione di sistemi di gestione energetica (BEMS).	2. Creazione di spazi verdi e blu.	2. Promozione di attività culturali e ricreative.
3. Implementazione di soluzioni innovative per la riduzione dei consumi energetici.	3. Implementazione di sistemi di gestione energetica (BEMS).	3. Creazione di spazi verdi e blu.	3. Promozione di attività culturali e ricreative.
4. Implementazione di soluzioni innovative per la riduzione dei consumi energetici.	4. Implementazione di sistemi di gestione energetica (BEMS).	4. Creazione di spazi verdi e blu.	4. Promozione di attività culturali e ricreative.
5. Implementazione di soluzioni innovative per la riduzione dei consumi energetici.	5. Implementazione di sistemi di gestione energetica (BEMS).	5. Creazione di spazi verdi e blu.	5. Promozione di attività culturali e ricreative.



Tav. 1 Edifici e reti



Tav. 2 Mobilità attiva e trasporti



Il Capitale naturale e NBS

ADRIANO-CRESCENZAGO-LAMBRO

TAVOLO 1 EDIFICI E RETI

ATTORI

- Alto potenziale interesse: Comune di Milano-Crescenzo, Ambrosiano, ASA, Paolo, E.ON, Siemens (distribuzione fissa).
- Alto potenziale interesse: Inverni, ATM (distribuzione fissa).
- Alto potenziale interesse: Gruppo di fonderia a supporto - Aspro, fonderia).
- Basso potenziale interesse: Siemens, GBC Italia, Comune di Milano - Brand Innovazione, Coop. Alleanza MSCA.
- Basso potenziale interesse: Fond. Catella, URM, Nibesi, Coma Givola, Univ. Statale (UMI), Bocconi, ERSAP, Segno, Legambiente, FAI, Milano Ristrutturazione.

- Legenda dei benefici
- Sociali
 - Culturali
 - Ambientali
 - Economici



AZIONI

1. Produzione locale di energia da geotermico
2. Adozione metodi di costruzione offsite
3. Produzione locale di energia da fotovoltaico
4. Efficienza energetica ERP: mix di interventi su involucro esterno e sostituzione della caldaia a gas con pompe di calore per ottimizzare l'uso dei fondi disponibili
5. Destinare l'energia da fonti rinnovabili alle classi sociali vulnerabili
6. CER (Comunità energetiche rinnovabili)

STRUMENTI

- 1) velocizzare permessi e autorizzazioni; un piano energetico al 2050 secondo un approccio life-cycle;
- Fondo di transizione per la molecola; strumenti finanziari che accompagnano le varie fasi;
- formazione dei progettisti;
- 1) comunicazione delle fonti di informazione (es. Sportello Energia) e delle opportunità (es. CerCaMi);
- formazione degli operatori che installano gli impianti e degli amministratori di condominio;
- 1) normativa più accessibile per i condomini, con attività di advocacy a livello nazionale portata avanti dal Comune di Milano; definizione di regole di accesso alle CER, per tutelare da problemi reputazionali in imprese che vogliono fare parte;
- 1) adempimento per consumatori; formazione su tariffe dati energetici; sensibilizzazione amministratori di condominio;

Actions + co-benefits

06

WORKSHOP MOLECOLA ADRIANO-CRESCENZAGO-LAMBRO

TAVOLO 2 MOBILITA' ATTIVA E TRASPORTI

ATTORI

- Tra i soggetti con maggiore potere di segnalare Siemens, ASD, il gruppo di sviluppatori dell'area, mentre gli altri sono FAI, GBC, Alleanza e Catella (a le eventuali in generale) presentare un coinvolgimento più marginale.
- Alto potenziale interesse: Siemens (fatta, infrastruttura, guida aderenti), ASD (city plug, elettrificazione), gruppo collettivo;
 - Medio-basso potenziale interesse: Catella, Alleanza, FAI, GBC, Legambiente (rinnovabili), Fondazione Carlo (finanziamenti), SOGEMI (nuova piattaforma logistica), UNI (distribuzione fissa rete).

- Legenda dei benefici
- Sociali
 - Culturali
 - Ambientali
 - Economici



AZIONI

1. Logistica di quartiere e mobilità attiva
 - il contesto del quartiere si presta all'implementazione di soluzioni leggere ed elastiche per la logistica dell'ultimo miglio (es. cargo bike), con co-benefici su inquinamento acustico e qualità dell'aria;
 - Riconversione logistica in chiave sostenibile e della mobilità attiva, con riferimento anche a progetti pilota per le zone sensibili, in linea con il modello florentino;
2. Infrastrutture per la mobilità dolce
 - È stata proposta la realizzazione di una passerella ciclopedonale, ispirata al progetto "Ciclovía" della Città di Milano. Non è stato approvato in quale parte soluzione l'alternativa;
 - È emersa la necessità di concepire l'infrastruttura non solo come supporto fisico, ma come spazio abilitante alla mobilità attiva, tenendo conto anche dei rischi (es. velocità dei mezzi leggeri sulle ciclabili) segnalati da Siemens;
3. Elettrificazione e sharing
 - Elettrificazione della flotta aziendale (es. ASD, SOGEMI, UNI) e alla diffusione di colonnine di ricarica (city plug) per residenti su suolo pubblico, con il supporto di ATM e REDO (car sharing di condominio);
 - REDO ha velocizzato il bike sharing condominiale ma con problematiche legate alla gestione (es. localizzazione GPS per parcheggio ai piani interrati);
4. Sharing pubblico e privato
 - Si è discusso dell'integrazione tra bike sharing e altre forme di mobilità condivisa, e della mancanza di una "borsa intermedia" tra il punto di prelievo più in centro e la destinazione finale di Consumo più/meno (posti liberi);
 - La figura del mobility manager aziendale è emersa come strategia per raccogliere i bisogni interni e facilitare l'adozione di soluzioni condivise;

STRUMENTI

- Strumenti formali (formazione interna della azienda);
- Strumenti regolatori (es. zone 30, regolamentazione veicolare);
- Progetti pilota (es. progetti europei per portare mobilità);
- Strumenti informali (formazione interna della azienda);
- Camera di Commercio: contributi per la PMI per rinnovare la flotta;
- Regione Lombardia: fondi per cittadini per finanziare mobilità elettrica;
- Incentivi fiscali per le aziende che investono;

Tools/Levers

07

WORKSHOP MOLECOLA ADRIANO-CRESCENZAGO-LAMBRO

List of co-benefits
(social, economic,
environmental and
cultural



OUTPUT OF THE WORKSHOPS



Working Group 1 – Buildings and Networks

- Local energy production (photovoltaic, geothermal)
- Public housing efficiency improvements (building envelope + heat pumps)
- Renewable Energy Communities Energy data accessibility for citizens

Working Group 2 – Active Mobility and Transport

- Sustainable neighborhood logistics (cargo bikes, green last mile)
- New cycling and pedestrian infrastructure
- Electrification of company fleets + charging stations
- Sharing experiments (condominium, corporate, public-private)

Working Group 3 – Natural Capital and NBS

- Community/corporate gardens for social inclusion
- Innovative green infrastructure (walls, roofs, courtyards)
- Ecological network connections
- Stormwater recovery (phytodepuration, SUDS)
- Tree-lined avenues and linear parks for climate comfort

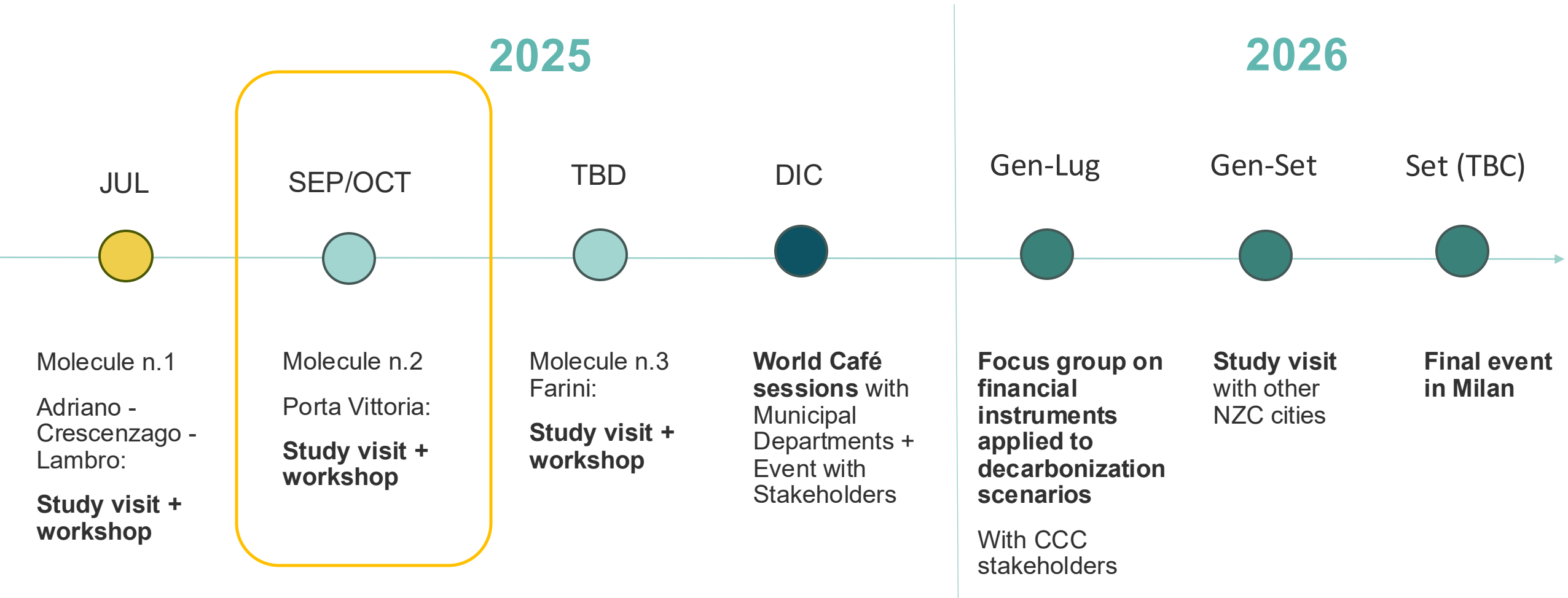
Instruments: simplification of authorizations, transition funds, training,

Instruments: incentives for SMEs/citizens, pilot projects, regulations (30 km/h zones, vehicle rules)

Instruments: collaboration agreements, public/private grants, community awareness campaigns



Where we are and next steps





Contacts

Andrea PATRUCCO

- andrea.patrucco@comune.milano.it



Any Questions?





Wrap up and next steps

Eugenia Mansutti

Co-Head of Climate and Environment, Eurocities





Upcoming Sessions

👉 Check out the overall Program Here 👈

MODULE 1

Core Session

The NetZeroCities program, service offering, systemic approach, what works for Mission Cities

16 September 2025

Spotlight Session 1

NetZeroCities Orientation

18 September 2025

Spotlight Session 2

Shaping Climate Narratives

23 September 2025 09:00-11:00

Spotlight Session 3

Climate City Contracts

25 September 2025 13:00-15:00





Thank you for joining!

In case you have any remaining questions:
Stay online for Q&A





Contacts

NetZeroCities Help Desk

- Helpdesk for Mission-minded Cities:
infocities@netzerocities.eu
- Other contacts

Get in touch with NetZeroCities!



@NetZeroCitiesEU



NetZeroCities



NetZeroCitiesEU



NetZeroCities EU



www.netzerocities.eu



hello@netzerocities.eu



Funded by
the European Union