

# Urban Transitions Mission




Mark Atherton

# URBAN TRANSITIONS MISSION TO PIONEER THE PATHWAY TO NET-ZERO



- Greater Manchester has been selected as one on 48 cities from 24 countries to engage with the Urban Transition Mission beginning in 2023
- The [Urban Transitions Mission](#) (UTM) is a joint effort by GCoM, the European Commission, and Joint Programming Initiative Urban Europe.
- It offers an urban net-zero transition framework that builds on the knowledge and expertise of a Global Innovation Alliance of supporting partners and organizations together with the first-hand experience of cities.

# Systemic Challenges To Be Addressed

		
<b>Systemic human centred transition in cities</b> <ul style="list-style-type: none"><li>- Need for cross-sectoral systemic approaches to net-zero urban development</li><li>- Lack of experience with /exposure to innovative approaches to governance, finance and technology for net-zero people-centred transitions</li></ul>	<b>Multi-sectoral capacity at the global level</b> <ul style="list-style-type: none"><li>- Lack of capacity to support the net-zero transition at all levels, from practitioners to policy makers</li><li>- Need for stronger collaboration and knowledge exchange at global level</li><li>- Language barriers in the availability of guidance and knowledge to be replicated globally</li></ul>	<b>Increased Urban Research &amp; Innovation</b> <ul style="list-style-type: none"><li>- Need for stronger collaboration and synergy between similar and complementary initiatives</li><li>- Need for better dissemination of effective net-zero urban pathways</li><li>- Insufficient national R&amp;I investment on urban level</li></ul> <p>Insufficient synergy among events that promote net-zero transitions</p>

Why the Urban Transitions Mission?

# Mission goals



## Short-term

## Medium-term

## Long-term

Innovative  
net-zero  
urban  
transition

**Deliver** at least 50 holistic net-zero urban transition roadmaps

**Refine** a urban transition roadmap framework with another 250 cities

**Scale up** a holistic net-zero urban transition for 12,500+ cities – in a dynamic cross-sector partnership

Capacity  
building and  
funding

Allow **increase exchange of information and access to knowledge and expertise** on integrated climate action

**Increase capacity, networking and financial opportunities** for cities in many languages via a Global Knowledge Exchange Centre and the MI-Call series

**Establish** a dynamic global community of practice, matching the speed and scale of net-zero transitions

R&I  
challenges  
for the  
urban  
transition

**Host** the first Annual Innovation Summit in 2023, demonstrating national and urban net-zero leaders

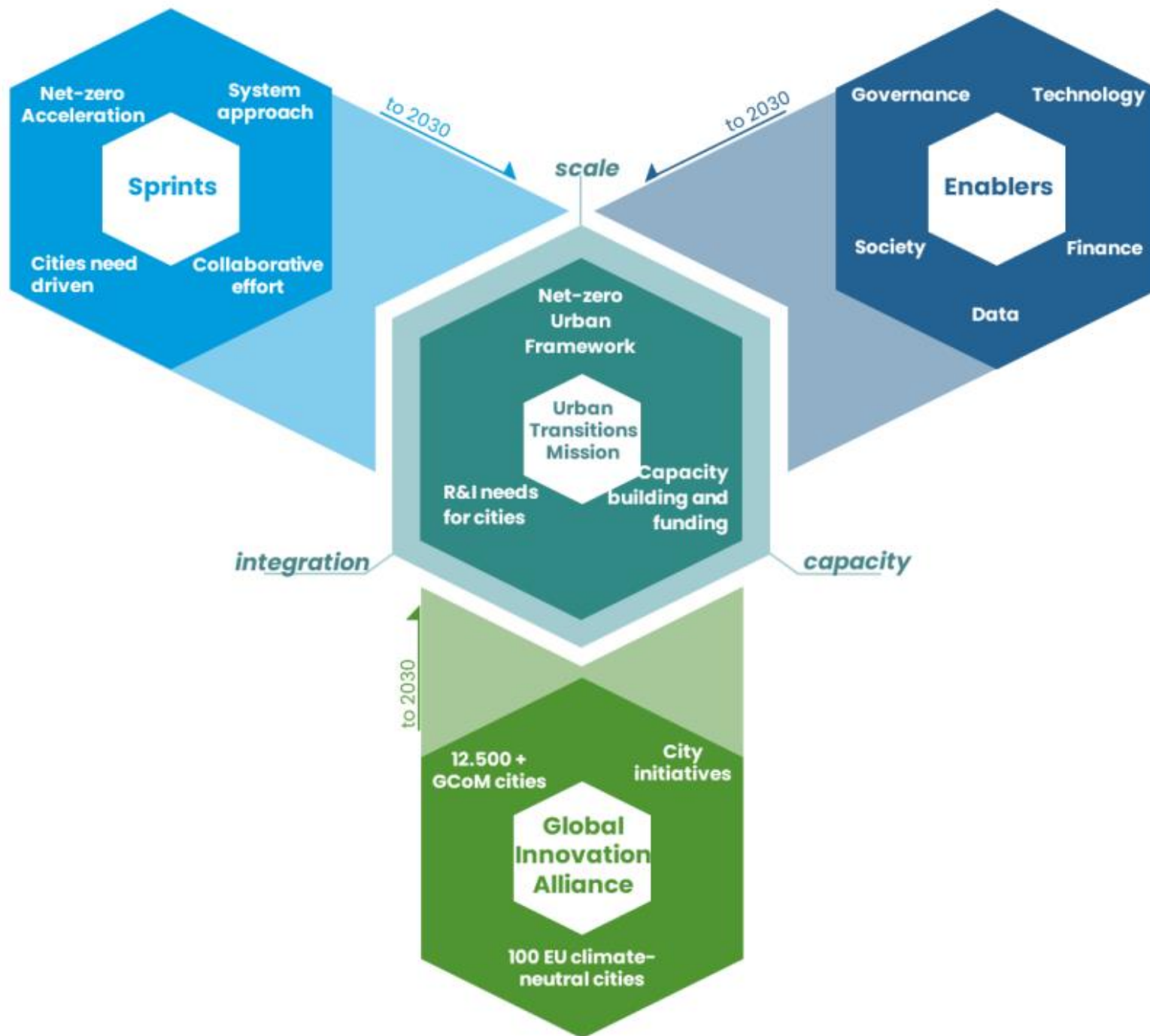
**Connect** R&I city needs and implement innovative solutions to key obstacles

**Co-design** innovative approaches to realise the urban transition pathways at scale

# Cities will strengthen their net-zero visions, scale action, and accelerate implementation

## Participating Cities will:

- **Revise existing climate and energy action plans** to prioritize actions according to scientific data and evidence, and bridge implementation gaps to reach net-zero, based on innovation needs.
- **Broker access to solutions** focusing on accelerating implementation of technological, regulatory, and financial solutions.
- **Identify and remove red tape to test and upscale innovation** by working with partners in the Mission's Global Innovation Alliance to provide support for cities to pilot and scale innovative solutions
- **Accelerate access to dedicated R&I funding and capacity building** to develop sound investment plans to existing project pipelines, which will be in collaboration with national governments, private sector and global institutions, and Mission Innovation partners.



# Innovation Roadmap

3 Pillars:

- 1. Innovative urban net-zero transition** - including the development of the Urban Transitions net-zero framework
- 2. Capacity building and funding for the net-zero urban transition** - including the creation of a Global Knowledge Exchange Centre on emissions reduction pathways
- 3. Research and innovation challenges for the global net-zero transition**



Countries		Cities
Albania	1	Lezha
Argentina	3	Luján de Cuyo – Mendoza, Santa Fe, Villa Carlos Paz
Australia	1	Newcastle
Austria	1	Klagenfurt am Wörthersee
Brazil	5	Belo Horizonte, Contagem, Porto Alegre, Rio de Janeiro, Salvador
Bulgaria	1	Burgas
Chile	4	Peñalolén, Puerto Montt, Renca, Vitacura
Colombia	1	Cartagena de indias
Denmark	1	Aarhus
Fiji Islands	1	Nadi
Finland	2	Lappeeranta, Turku
Germany	1	Mannheim
India	6	Ahmedabad, Kochi, Mumbai, Panaji, Patna, Surat
Japan	1	Tokorozawa
Lithuania	2	Kaunas, Siauliai
Morocco	2	Casablanca, Chefchaouen
Norway	2	Bodø, Bergen
Poland	1	Łódź
Portugal	3	Cascais, Lisbon, Santo Tirso
Romania	2	Cluj-Napoca, Roman
Spain	2	Valencia, Vitoria-Gasteiz
Ukraine	3	Konotop city, Lviv city territorial community, Zhytomyr
United Kingdom	1	Greater Manchester
USA	1	Miami-Dade County
<b>24 countries (9 EU)</b>		<b>48 selected cities to progressively engage with the Urban Transitions Mission</b>



## Participating Cities



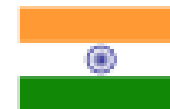
## Core Team

### Co-leads



### Core Mission Members

Austria - India - Sweden



MI Innovation Community on Affordable Heating and Cooling of Buildings



## Mission Support Group

