



**URBAN  
TRANSITIONS**  
MISSION

# 2<sup>nd</sup> Meeting of the Urban Transitions Mission Steering Committee (SteerCo)

UTM STEERING COMMITTEE

1 June 2023,  
16:00-17:30 CEST



# Agenda

## 2<sup>nd</sup> Steering Committee meeting

16:00 Welcome and setting the scene

16:10 UTM Action Plan 2023: Overview of progress, milestones, and expected results

- Overview of UTM's most recent activities, engagement of the 1<sup>st</sup> cohort, recruitment of 2<sup>nd</sup> cohort
- Needs and open questions on support for cities
- State-of-play of sprints and next steps
- New activities and flagship actions

17:00 Next steps and way forward

- Support and resources
- Global Innovation Summit
- Collaboration with the private sector

17:30 End of meeting



# UTM Action Plan 2023

Overview of progress,  
milestones, and expected  
results



# UTM 2023 Objectives (I)

## Showcase and support cities as climate action leaders

In making the clean energy transition happen as quickly as possible, highlighting the key role of multi-level cooperation to unlock the full potential of urban transitions - including kick off-of activities, establishment of a strong community comprising the first cohort of cities and launch of the second cohort

### Engage the UTM 1<sup>st</sup> City cohort

- Kick off meeting (16 Feb)
- Implementation of knowledge and capacity building offer – according to a cluster approach
- Identification of specific pilot actions (2/city)
- Profile cities as innovators and solutions providers

### Recruit a 2<sup>nd</sup> UTM City cohort of 250 cities

- Call Open until 21<sup>st</sup> August 2023
- Increase outreach in collaboration with MI Countries
- Announcement of second cohort at COP28
- Engage with EU 100 Smart & Climate Neutral Cities; Japan net-zero cities and India Smart Cities Framework

### Showcase and promote UTM's impact

- Launch of UTM website
- MI, partners' and City-related events
- MI Annual Gathering (21-23 March, Rio de Janeiro, Brazil)
- MI /CEM (July 2023, Goa, India)
- COP28
- Enhance social media presence (e.g launch of a campaign)

# UTM 2023 Objectives (II)

## Profile the UTM as THE solution broker

Provide meaningful opportunities and means for cities to accelerate net-zero holistic transitions – articulating responses to cities needs and providing opportunities for capacity building; technical assistance; access to research, data, solutions for financing, regulation, partnerships, etc.

### Launch of the Urban Transitions Mission Center

- Launch of online platform, and development of capacity building offer in June 2023
- Collection of tools, resources, methodologies and case studies from cities, relevant initiatives, and GIA members

### Applying the Urban Transitions Framework

- Identifying training needs/ (new) partners for delivery
- Connecting cities to relevant technical assistance/services/technologies
- Developing impact assessment framework to track improvement of plans

### Mobilize resources, prioritize cities' needs and activate R&I funding

- Consolidate R&I priorities
- Mobilise R&E funders internationally and promote MICalls, DUT
- Provide more opportunities for in person knowledge exchange

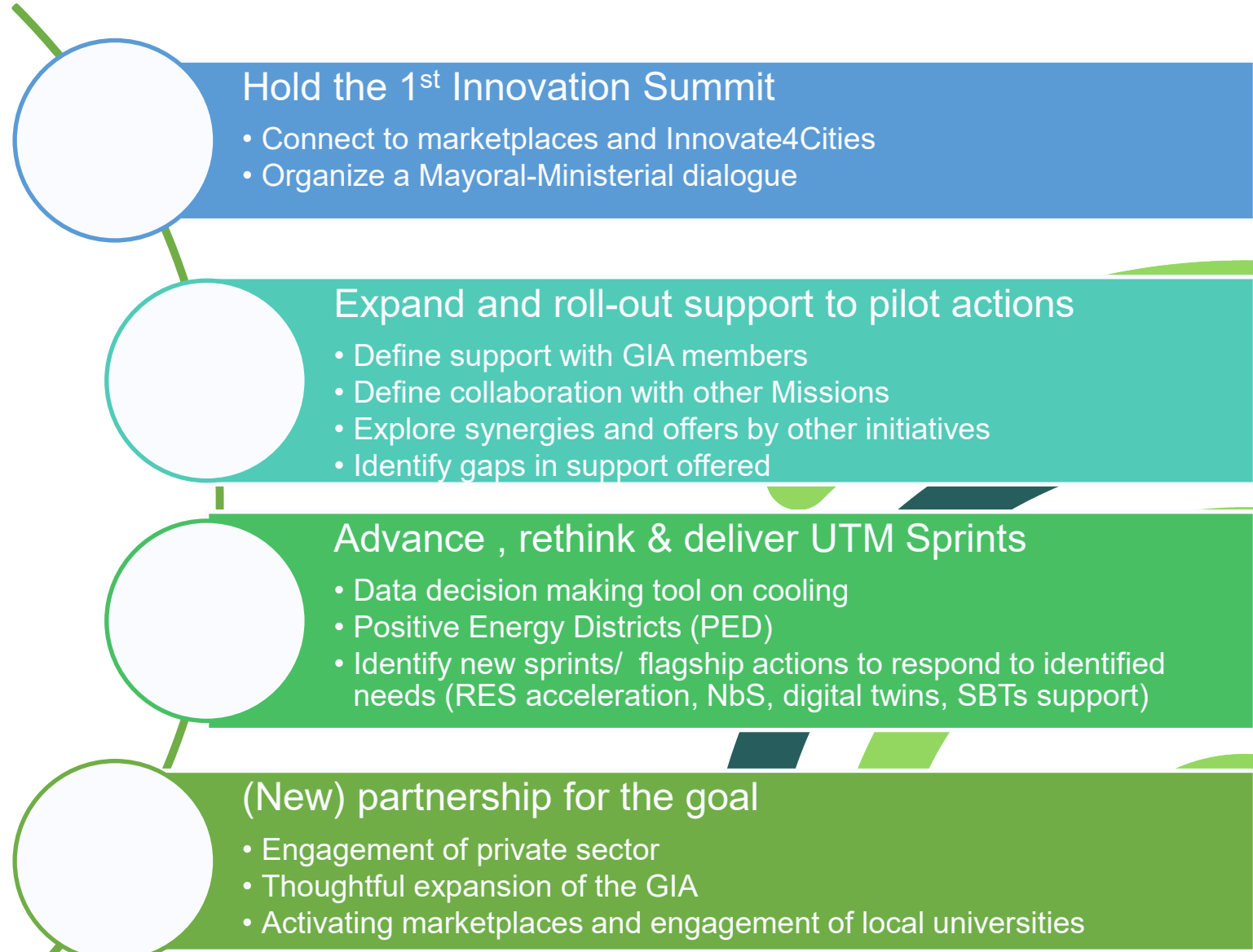
# UTM 2023 Objectives (III)

## Encourage cross-sector cooperation and multi-level support

Host the first global Innovation Summit

Deliver a thoughtful expansion of Global Innovation Alliance (GIA) including more committed partners (city networks, financial institutions, private sector), strengthening engagement of the core group (national governments), and

Identify win-win approaches to leverage alignment and cooperation with relevant initiatives





# UTM is live!

- New website
- New social media presence
- Spread the word!



← **Urban Transitions Mission**  
0 Tweets



**Urban Transitions Mission**  
@UTM\_MI

The Urban Transitions Mission (UTM) is a global initiative to accelerate the shift toward clean energy

[urbantransitionsmission.org](https://urbantransitionsmission.org) Joined May 2023

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## The Urban Transitions Mission

Net-zero, resilient and people-centred cities



### ABOUT US

#### Delivering urban pathways to net-zero

The Urban Transitions Mission (UTM) will mobilise decision makers across all levels of government to prioritise climate neutral and net-zero pathways enabled by clean energy and systemic innovation across all sectors and in urban governance.

By accelerating capacity-building and closing the gap between research, development and deployment, the Mission will empower cities to adopt innovative solutions and help reach tipping points in the cost and scale of those solutions for urban transitions.

[Discover more](#)



#### OUR GOAL

UTM is currently working with **50 ambitious cities** worldwide. By 2030, these pathways will be validated by an additional **250 cities**.



#### Our Global Innovation Alliance

We mobilise a Global Innovation Alliance of partners, and national governments to support cities to develop, pilot, and scale innovative solutions and approaches for urban transitions.



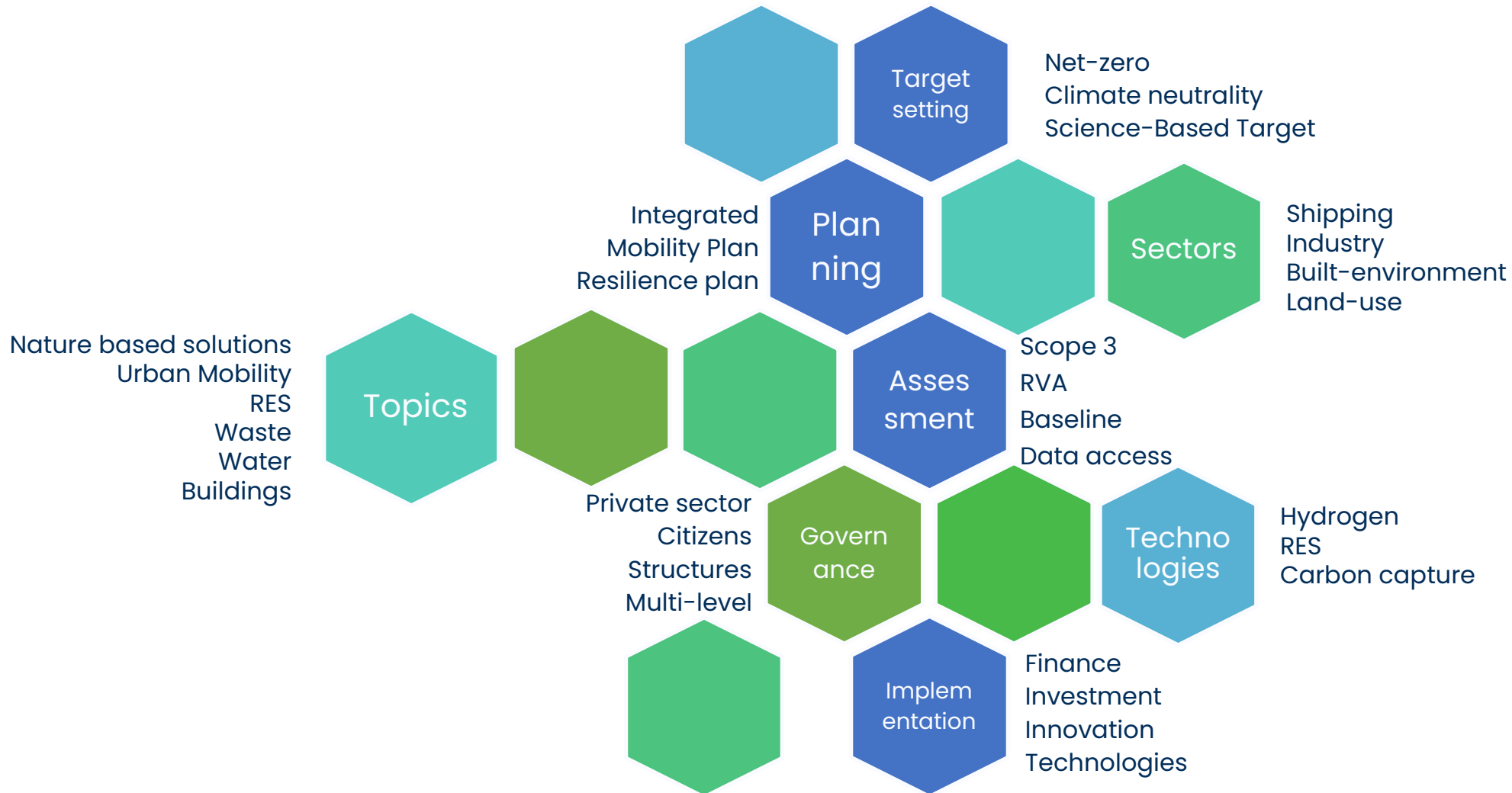
# UTM Action Plan 2023

## Overview of progress & next steps

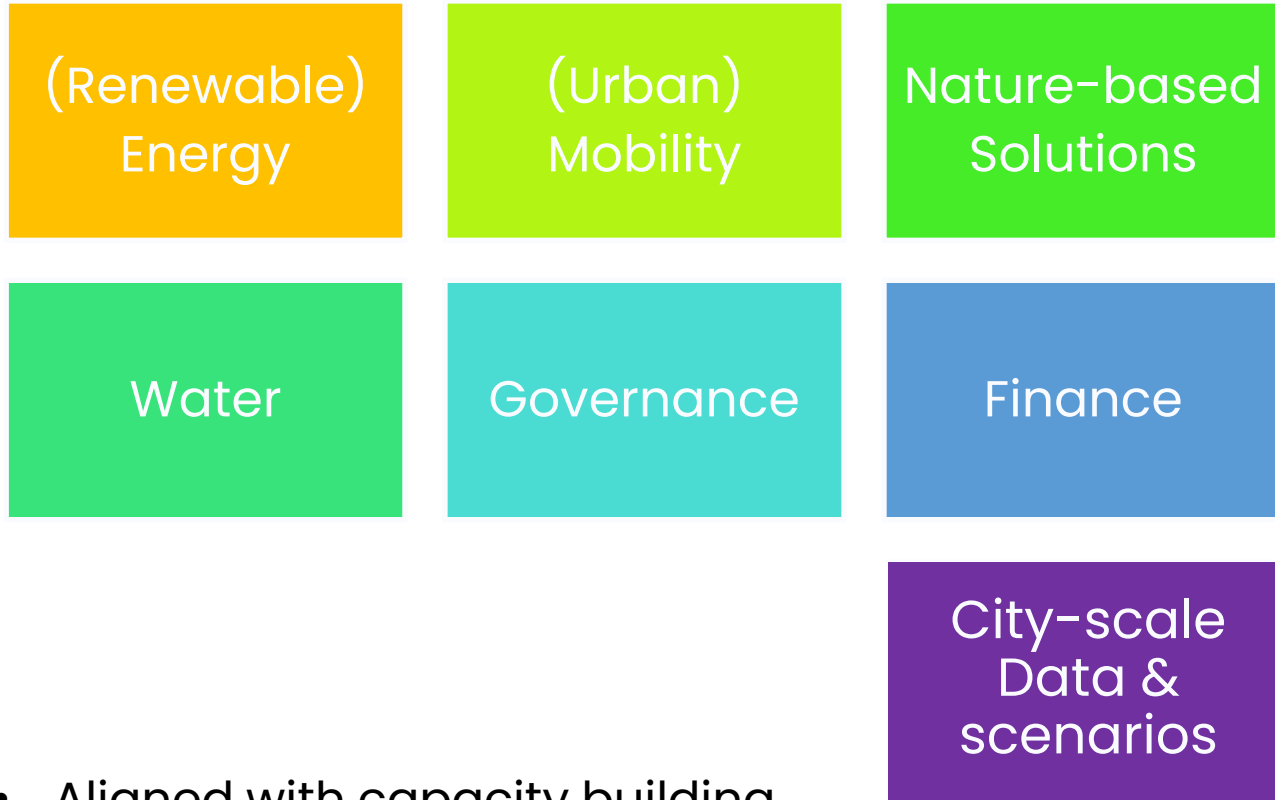




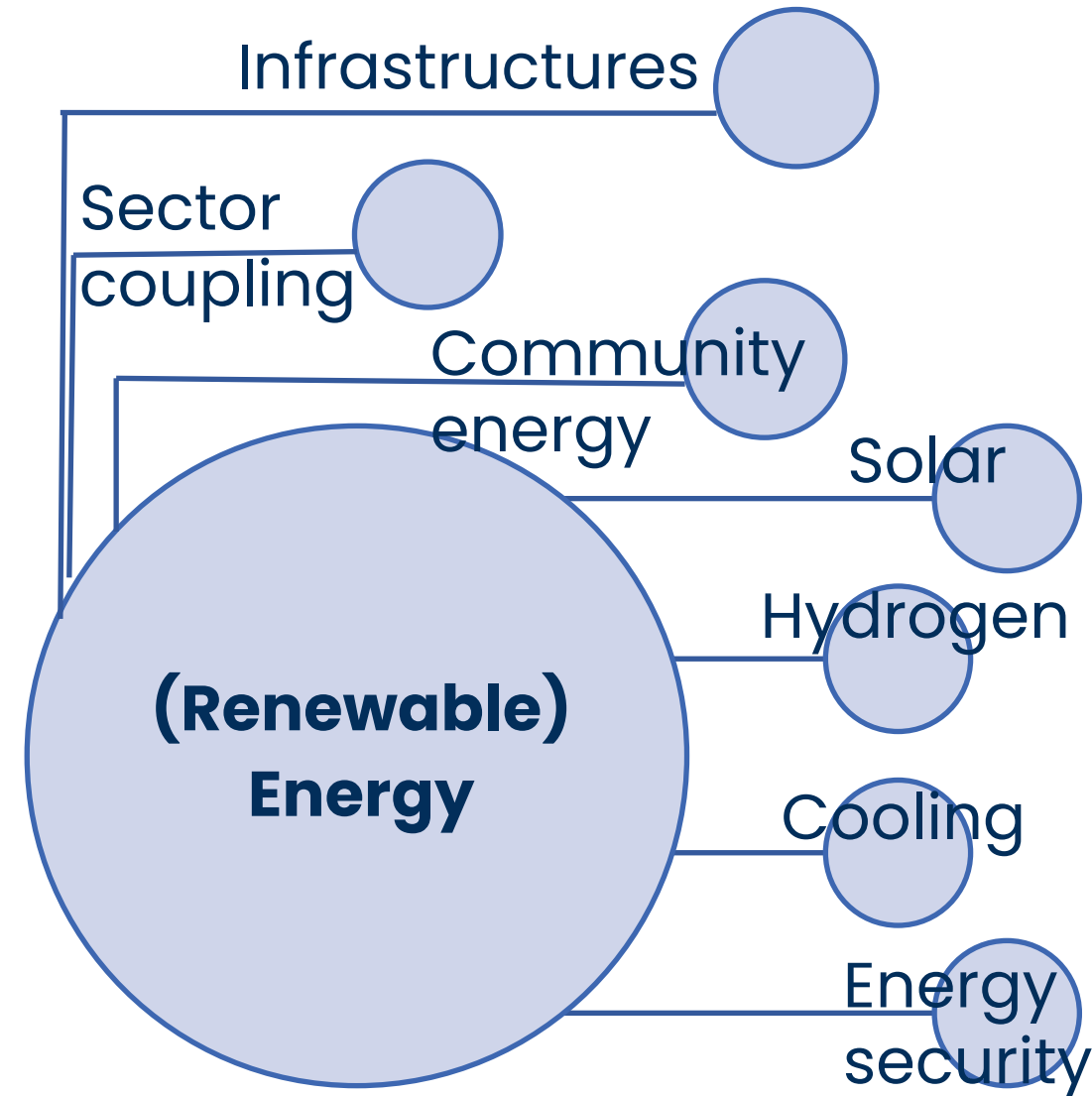
# Access to knowledge: process, topics, sectors, priorities



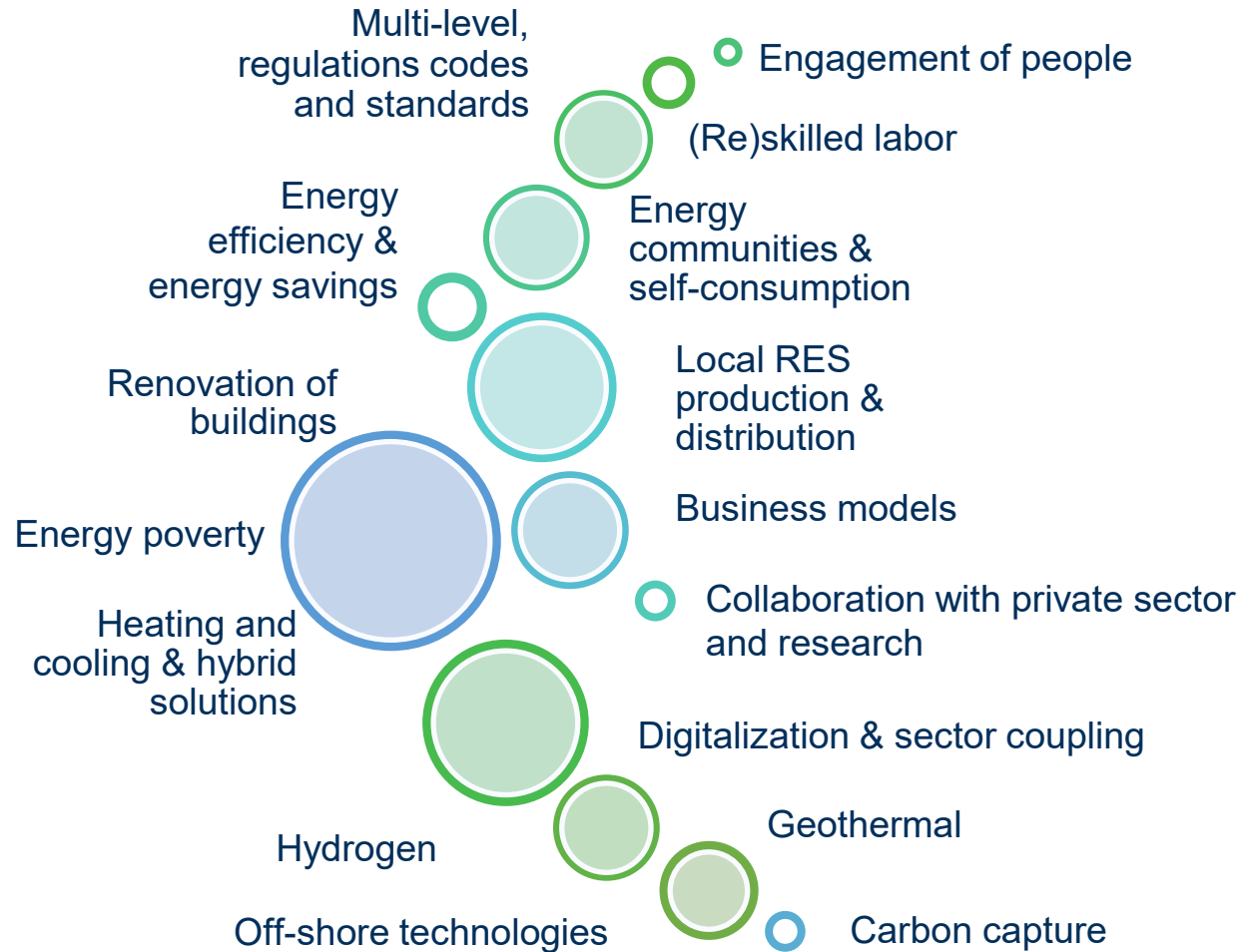
# Clusters



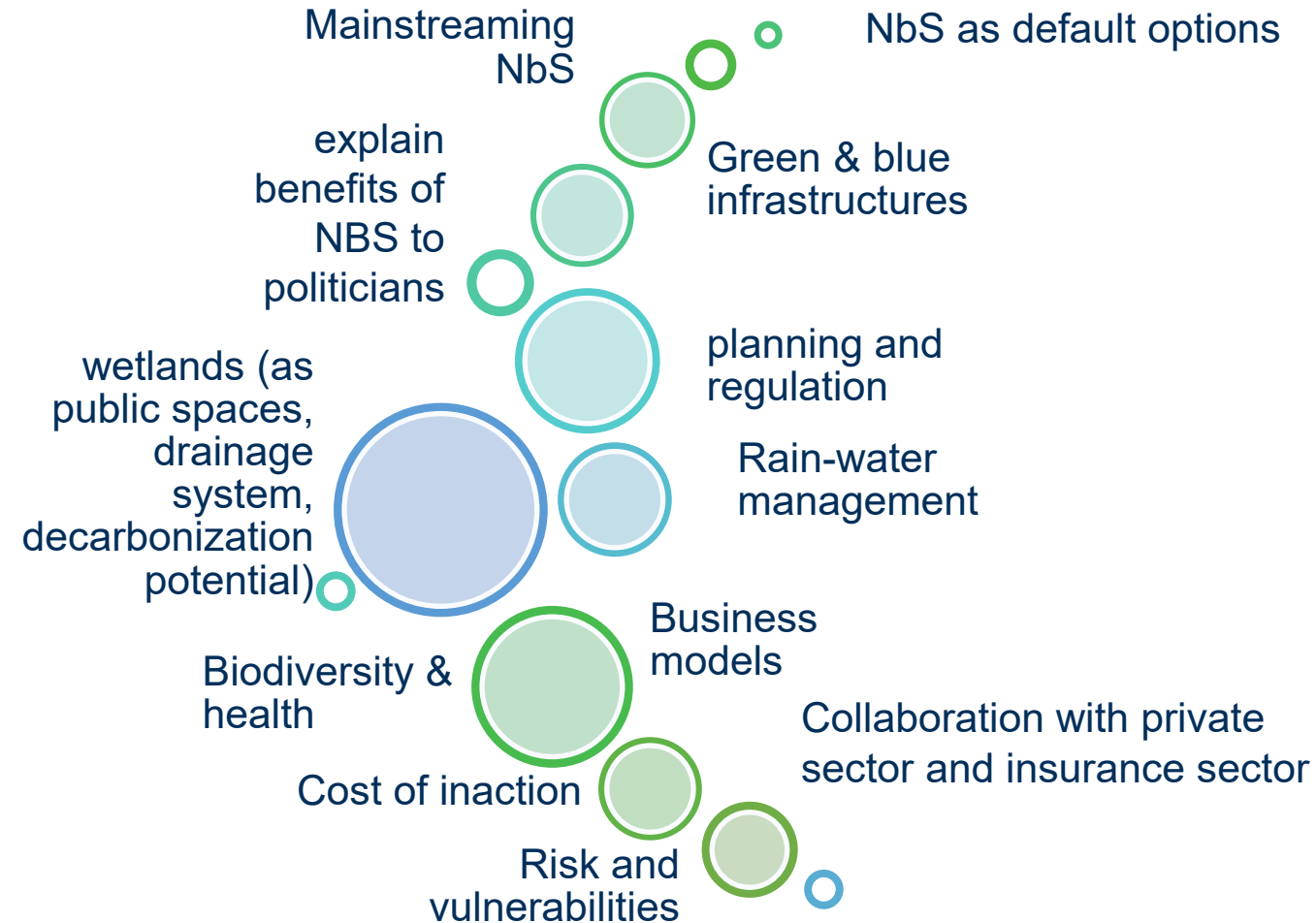
- Aligned with capacity building and assistance
- Working Groups established - more may be launched & specific subgroups identified



# Energy cluster - priorities

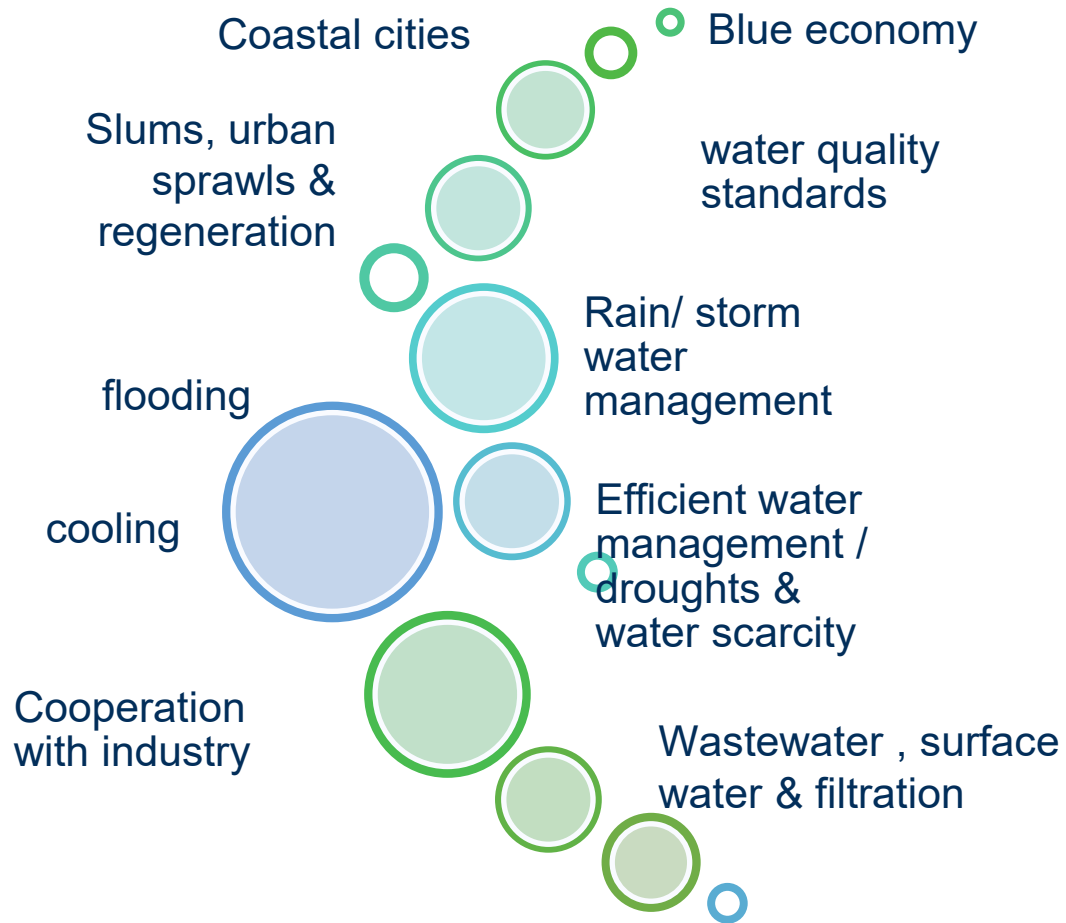


# NbS cluster – priorities

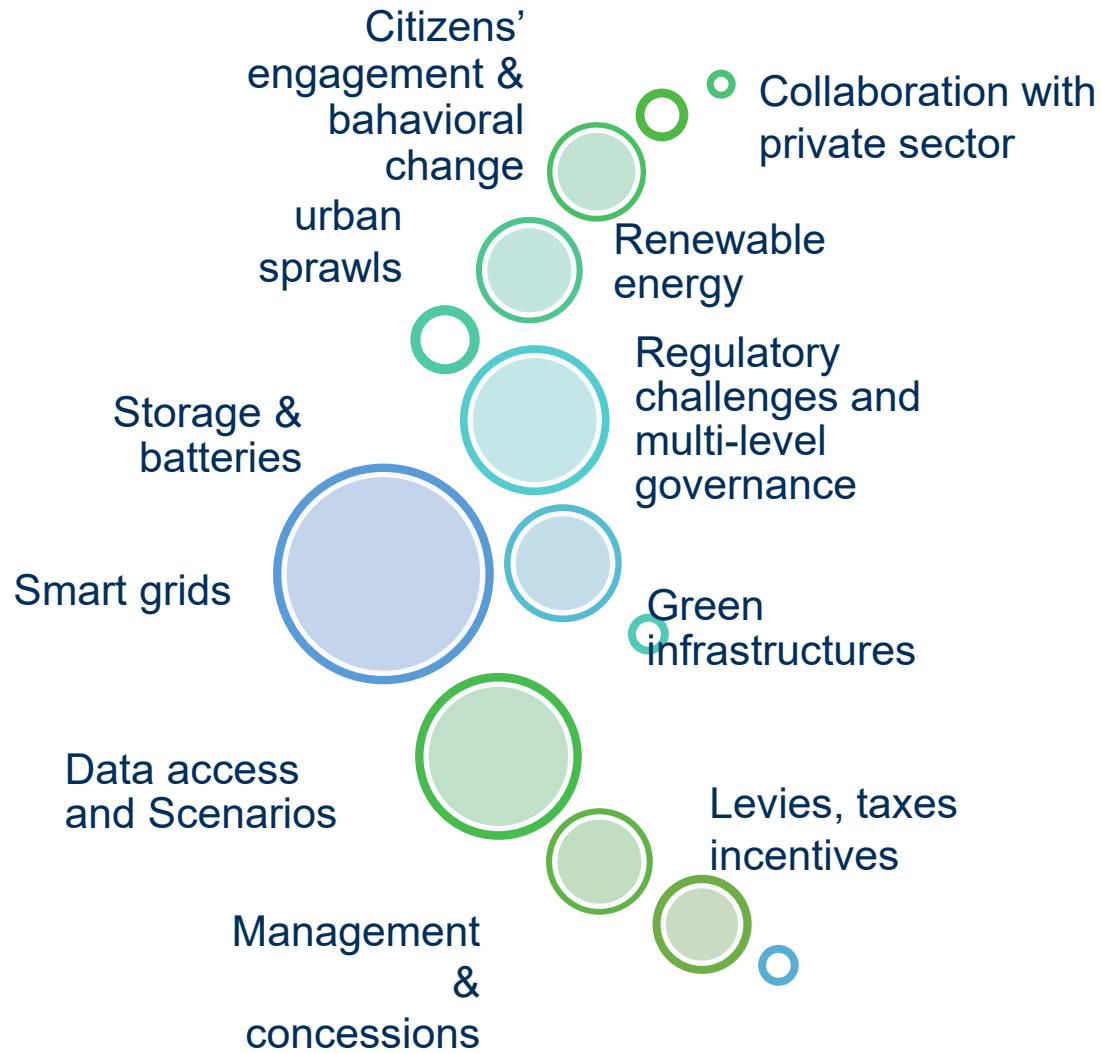




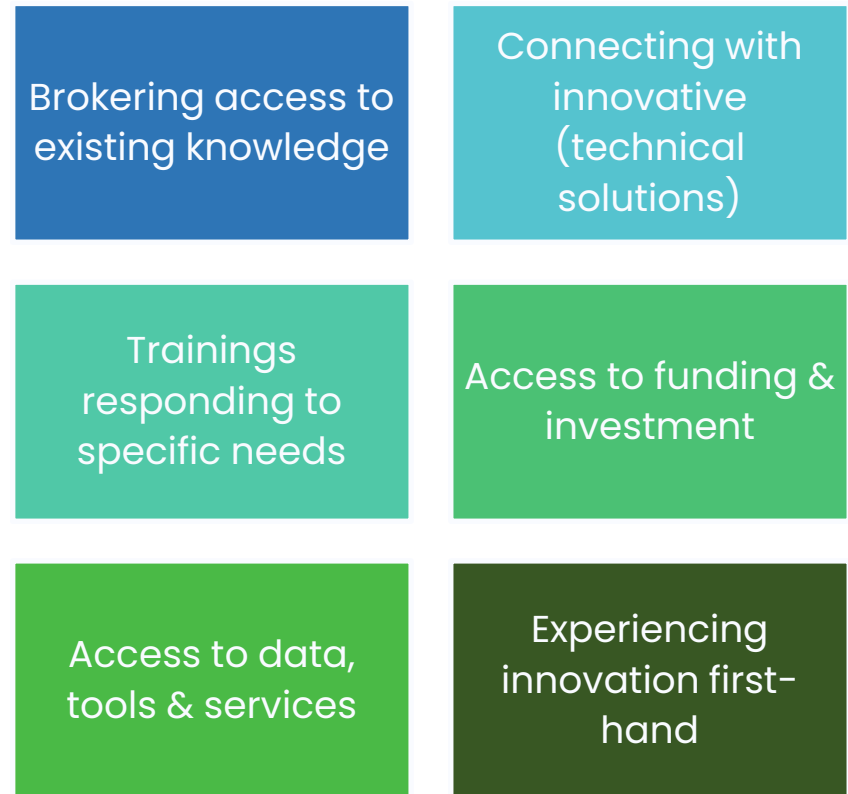
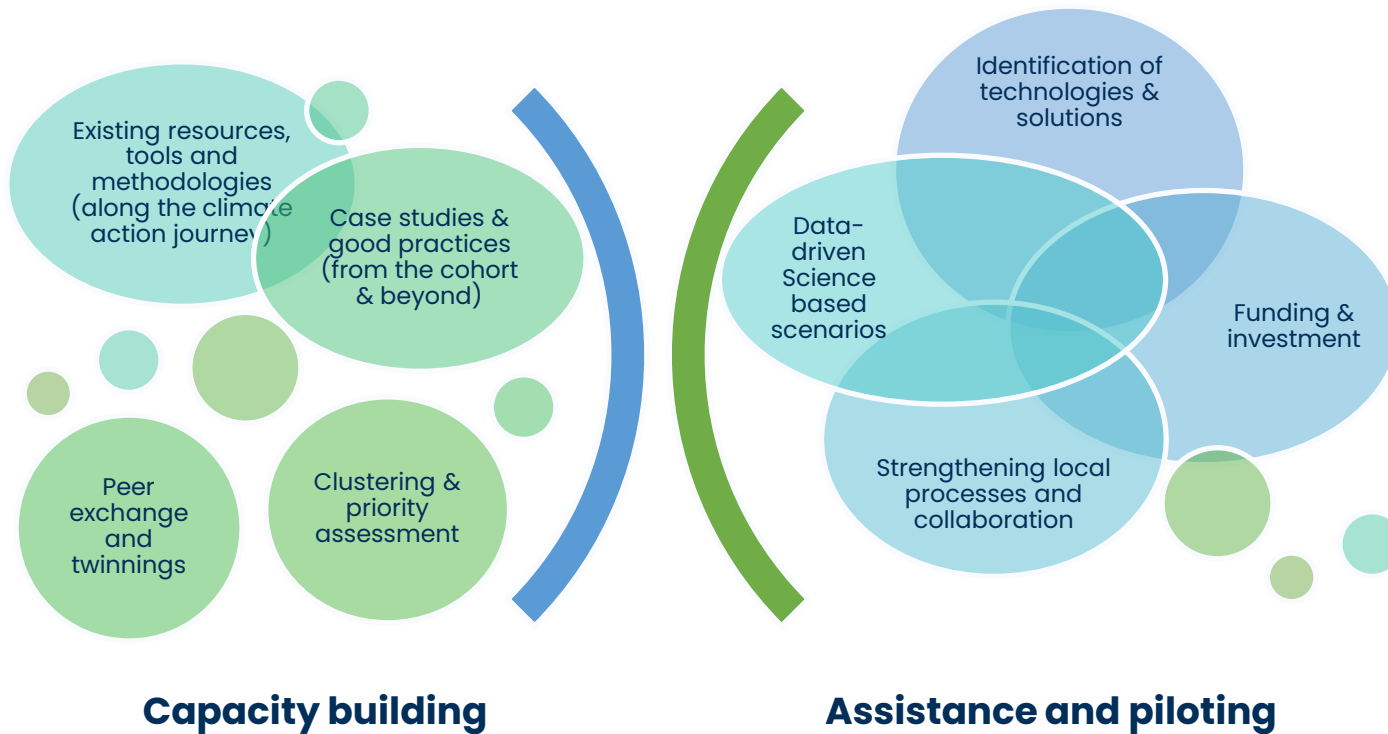
# Water cluster – priorities



# Transport cluster – priorities



# Piloting solutions and innovation through the UTM's



UTM cities serve as both a **solution provider to support net-zero pathways** – inspiring, applying solutions, and as an **innovation hub** – identifying R&I gaps and challenges to help other cities in the urban transition to net-zero.



# Solutions brokered with GIA's support



Pilot holistic approaches and solutions based on people's core needs – from identification of solutions, to provider, to implementation (UNFCCC GIH)

Test the [Heat action platform](#), accessing resources and tools aimed at reducing the human and economic impacts of extreme heat (MI IC7)

Support on the creation or improvement of Living Labs (4 cities/year in the Virtual Living Lab course) (ENOLL)

Mobilisation of city partnerships and collaboration with the private sector (city strategy dialogues, cities sprints) (WEF)

Pitch your infrastructure project with Global Infrastructure Basel (GCoM)

Draft a high-quality Expression of Interest and Apply for the city climate GAP Fund (GCoM)

Identify data gaps, improve data management and receive support on development of scenarios

Technical trainings on renewable energy solutions potential, and strategic urban development (IRENA)

High level international events and exchange opportunities with practitioners on energy efficiency (IEA)

Training on investment plans and finance (EBRD, World Bank)

RES / energy transition technology and regulatory guidance (ICLEI)

Exploring support of standardization with CEN/CENELEC standards + ISO



Launch of Mission innovation 2.0



# UTM Action Plan 2023

## Delivering solutions

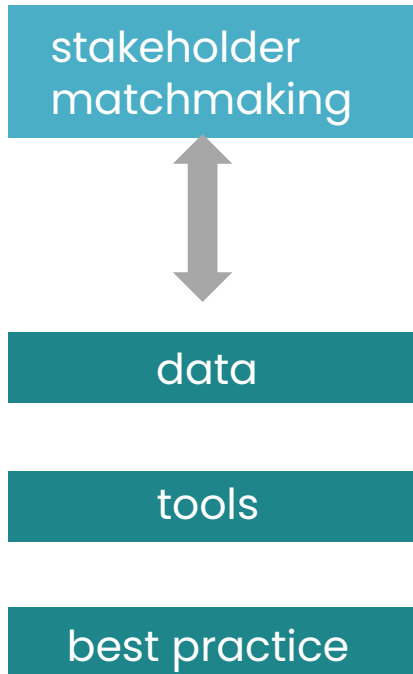


# Coming soon!



## UTMC

### Urban Transitions Mission Centre



- The Urban Transitions Mission Centre offers an online platform – shaped around the UTM framework, which provides access to a repository, as well as interactive space for cities to engage with their peers, and with the overall UTM community (expected launch on 7 June 2023)
- Funded by a **EUR 2 million call** under the Horizon Europe programme **Global cooperation and exchange on urban climate neutrality**
- Synergy with the EU Mission on Climate-Neutral and Smart Cities



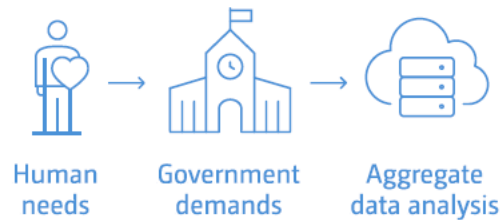
GLOBAL COVENANT  
of MAYORS for  
CLIMATE & ENERGY



# 11 pilots for the UNFCCC Global Innovation Hub!

1

## GOV DEMAND ENTRY

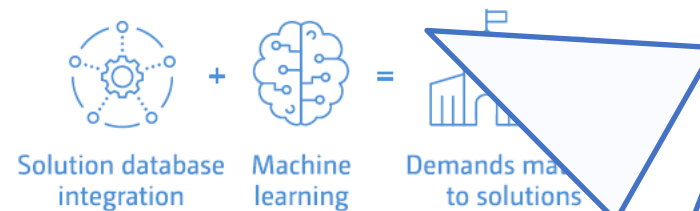


### How this works

Governments identify their priorities, which are translated using a UN developed taxonomy into human needs, which we call “demands”. The individual demands are matched with solutions, while the aggregated demands are analyzed to improve matching and identify gaps and trends.

2

## SOLUTION MATCHING



### How this works

Solutions of any kind (technology, services, policy support, etc.) are matched with government demands and verified by the United Nations. Matches are then connected to funding mechanisms appropriate for the type of solution.

3

## FINANCING & ENABLEMENT

**Chefchaouen, Kochi, Lappeenranta, Lujan de Cuyo, Puerto Montt, Renca, Vitoria-Gasteiz, Zhytomyr, Belo Horizonte, Miami-Dade and Greater Manchester**

... organizations, venture capital and foundations can quickly support new technologies and scale all projects.

# Next steps with other Missions

## Green powered future

- Workshop in June and at MENA CLIMATE Week (e.g. EUSEW)
- Pilot (e.g. coupling energy/transport / in Brazil)

## Hydrogen

- Webinar – hydrogen in urban context
- Guidelines – so you want to explore hydrogen solutions for your cities: is this for you and what to consider

## Carbon Capture & Removal

- Closer mapping of needs and interests (sectors/technologies/scale...)
- Guidelines: opportunities to apply Carbon Removal and Carbon capture technologies in cities – what, where, for whom, how to finance these solutions

## Shipping

- Connection with International Associations of Ports and harbors to map overlap with major UTM (prospective) cities
- Connecting with port preparedness work

## Biorefineries

- Share list of cities with biorefineries
- Explore potential for biogas from waste
- Potential Sprint dedicated to circular economy in developing countries → next cohort

## Industry

- Discuss with first movers → cross-check list with cities hosting these industries
- Heat-recovery & re-skilling



All you need to know to  
join the transition  
Call for cities to join the  
UTM city cohort



# Our growing community

- 48 cities from 24 countries are already engaging with UTM since December 2023, to demonstrate integrated pathways towards holistic, people-centred urban transitions built around clean energy and innovative net-zero carbon solutions.
- The UTM is looking for 250 new pioneer cities to join this ambitious journey by 2024.
- A [call for expression of interest](#) to join the UTM is open from 22 May to 21 August 2023.



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# Who is eligible?

Your city must:

- Have at least 50,000 inhabitants
- Be a GCoM signatory
- Have a climate action plan covering the whole city
- Commit to engage and to allocate appropriate resources to the roll-out of this Urban Transition Mission

## **NEW!**

Metropolitan/provincial governments and groups of (small) municipalities can now apply.

Check the FAQs for [more information!](#)

# What does the city need to do



- Visit [www.urbantransitionsmission.org](http://www.urbantransitionsmission.org)
- Complete the short application online **before the 21<sup>st</sup> August** at [this link](#) or use the QR code:



- This should take you no more than a couple of hours
- You need to have the mandate to submit the application on behalf of your city

For more information contact: [utm@globalcovenantofmayors.org](mailto:utm@globalcovenantofmayors.org)





# The Timeline



1. The call for cities opens on 22 May 2023
2. Cities can express their interest until Friday 21 August 2023
3. Applications will be assessed on a rolling basis until October 2023.
4. The 250 cities selected will join progressively, the UTM city cohort. An official announcement is planned to take place at COP28 (United Arab Emirates, 30 Nov-12 Dec)
5. Cities' engagement will kick off progressively in late 2023/beginning of 2024



Keep updated via the Mission's website



[www.urbantransitionsmission.org](http://www.urbantransitionsmission.org)



# Next steps & way forward

## Resources and Revision of the action plan



# Resourcing Needs/Gaps

## Communication & dissemination

- A dedicated resource to support communication and dissemination activities would be needed to ensure continuous, consistent quality delivery of communication assets (including videos), social media and media presence, and development of clear messaging (in particular in relation to the many existing initiatives targeting cities)

## TRAVEL & TWINNINGS

- Dedicated funds to support city representatives' travel costs for peer-exchanges and, in addition, to host a number of study tours would be extremely beneficial to UTM activities' impacts

## ENGAGEMENT RESOURCE

- A dedicated additional resource should be identified and earmarked (1 FTE for 2023) to support coordination and technical assistance for the roll-out of identified pilots in UTM

## TECHNICAL ASSISTANCE

- Support on development of investment plans, pipelines, scenarios, sandboxes...

<b>Deliverables</b>		
Action	Concrete Deliverable(s) for 2023	Details
UTM Cities Cohort selection and engagement	<ul style="list-style-type: none"> <li>Engagement with the cohort of 50 cities selected in the first open call (2022- 2023)</li> </ul>	<ul style="list-style-type: none"> <li>Cities selected and announced in 2022; individual needs assessment carried out; kick-off meeting took place in February 2023;</li> <li>List of capacity building and knowledge exchange opportunities as well as training and pilot assistance is currently being identified for each city, and will be progressively compiled by May 2023</li> </ul>
	<ul style="list-style-type: none"> <li>Launch of second cohort of 250 cities selected through open call (2023-2024)</li> </ul>	<ul style="list-style-type: none"> <li>Launch of open call for second cohort in May 2023, call will remain open until September, with announcement of new cities joining the cohort at COP28</li> </ul>
Urban Transition net-zero framework	<ul style="list-style-type: none"> <li>Development of the framework to strengthen net-zero strategies and plans of UTM cities; the framework will provide structured access to guidance, tools, resources, good practices on innovative and systemic solutions at each step of the GCoM city climate action journey</li> </ul>	<ul style="list-style-type: none"> <li>Urban Transition net-zero framework v.1 finalized by April 2023</li> <li>Urban Transition net-zero framework v.1 published by June 2023 in Urban Transitions Mission Center</li> </ul>
Urban Transitions Mission	<ul style="list-style-type: none"> <li>Launch of the centre to facilitate the management and transfer of global knowledge on urban climate action including resources provided by the Global Innovation Alliance</li> </ul>	<ul style="list-style-type: none"> <li>UTM-C development started in Dec 2022</li> <li>Online platform for knowledge exchange launched in June 2023</li> <li>Calendar of capacity building opportunities published in e 2023</li> </ul>

<b>Deliverables</b>		
Action	Concrete Deliverable(s) for 2023	Details
Flagship activity / Sprint: Positive Energy Districts (PED)	<ul style="list-style-type: none"> <li>Progressive identification and monitoring of PEDs in Europe and beyond</li> </ul>	<ul style="list-style-type: none"> <li>Updated list of PED on UTM website by October 2023</li> </ul>
Flagship activity / Sprint: Data driven decision making on cooling and urban energy issues	<ul style="list-style-type: none"> <li>Application of the indications of the Sustainable Cooling Handbook and testing of the heat action platform</li> </ul>	<ul style="list-style-type: none"> <li>Updated list of cities engaged by June 2023</li> </ul>
Activity/Sprint: MICalls2023	<ul style="list-style-type: none"> <li>Launch of Calls to support transnational research and/or innovation projects addressing urban challenges to help cities in their transition towards a more sustainable economy and functioning. The challenges are grouped into the three priorities of DUT Transition Pathways: Positive Energy Districts (PED), the 15-Minute City (15mC) and Circular Urban Economies (CUE)</li> </ul>	<ul style="list-style-type: none"> <li>Outreach to MI countries ongoing to mobilise international funding for the MICall 2023</li> <li>Stakeholder consultations for call priorities finished mid of March</li> <li>Call topics for MICall 2023 finalized by April 2023</li> <li>MICall 2023 to be launched in Sept 2023</li> </ul>



## Deliverables

Action	Concrete Deliverable(s) for 2023	Details
UTM R&I priorities	<ul style="list-style-type: none"><li>Development of shared UTM R&amp;I priorities based on input by GCoM's Global Research and Action Agenda (GRAA) and the City Research and Innovation Agenda (CRIA), and DUT's priorities.</li></ul>	<ul style="list-style-type: none"><li>A collated priority list of R&amp;I to accelerate the goals of the UTM will be developed published in Q2 of 2023</li><li>Contributing to at least 3 marketplaces hosted by Innovate4Cities by end of 2023</li></ul>
Partnership for the Goal	<ul style="list-style-type: none"><li>Thoughtful expansion of the Global Innovation Alliance</li></ul>	<ul style="list-style-type: none"><li># core members (+2), private sector (+3), financial institutions (+3) &amp; relevant partners engaging in the UTM (+3) by end of 2023</li></ul>
Annual Innovation Summit	<ul style="list-style-type: none"><li>Organization of an Annual Innovation Summit to highlight Mission progress, showcase leading efforts across the Mission, and discuss critical opportunities for the net-zero transition.</li></ul>	<ul style="list-style-type: none"><li>First annual global Innovation Summit organized by end of 2023</li></ul>

### 2024/2025 sprints:

- Second call for cities to join the UTM – cohort of 250 new cities by 2024;
- Positive Energy Districts (PED) – support at least 100 PEDs by 2025 as an intermediate objective towards achieving 100 climate-neutral cities in Europe and beyond until 2030;
- Data driven decision making on cooling and urban energy issues – under development – support at least 20 cities by 2025
- Launch of MICalls in 2024 and 2025
- Thoughtful expansion of the Global Innovation Alliance UTM – include 10+ MI member governments, 10+ global private-sector partners from different countries and sectors, 10+ global youth organisations, research institutions and civil society organisations to support the global transition by 2025

# Partnerships Collaboration with the private sector



# Partnerships under development

Workshop with MI Sec on private sector engagement in mid-June open to all  
Global Innovation Alliance

Finalization of framework and principle for cooperation

Annex to existing partnerships,  
new MoUs under development



# Partnership with KPMG



- understanding solutions demand in the building, cooling and/or transport sector (the scope would be identified with the pilot cities directly)
- assessing market opportunities and scale (work with UTM pilots will include building of digitalized scenarios, and help inform future outreach and support to new incoming cohort of cities in identified markets)
- pitching of solutions from private sector to pilot cities (based on conducted assessment of needs, and market scoping)
- supporting potential feasibility studies to apply and implement identified solutions as a next step

# Proposed principles

- **Non-exclusivity and no unfair advantage** – engagement of a particular private sector entity shall not mean or imply exclusivity in the collaboration, or any endorsement by UTM of specific partners, products, services, views or opinions, etc.
- **No commercial relationship shall be established** – engagement of a private sector entity shall not establish a commercial relationship between UTM, its core or support group members and the UTM cities, and the entity concerned. Nothing in the cooperation agreement will be deemed to establish either party as the agent of the other party or create a joint venture between the parties.
- **Confidentiality and protection of proprietary rights** – confidential and/or proprietary information pertaining to UTM or its activities, where such information has been acquired as a result of an ongoing or concluded cooperation shall not be used by the concerned private sector entity or any of its affiliates for private or commercial gain. The cooperation agreement will include appropriate safeguards to protect the confidentiality of both UTM and UTM cities' information, activities and Intellectual property rights.
- **Transparency** – cooperation shall be transparent. Information on the nature and scope of the collaboration between UTM and the relevant private sector entity will be publicly available, including disclosure of the name of the engaged private sector entity, a comprehensive description of the cooperation activities and contributions.

# Proposed framework for the engagement of the private sector



- Cooperation activities with the private sector will be without any prejudice to the UTM's integrity, independence and impartiality in delivering support to the cities part of its cohorts.
- Engagement of the private sector will aim to advance the aims, activities and the work plan of the UTM, and will refrain from providing any unfair advantages to particular private sector entities.
- UTM will reserve the right to terminate at any moment the cooperation with a private sector partners, including but not limited to concerns related to potential political, reputational, conflict of interest or other risks
- Cooperations shall be subject to the conclusion of a formal agreement (e.g., an MoU). Where applicable and to the extent possible, the agreement will include clear accountability, as well as relevant monitoring and evaluation procedures.
- The use of the UTM's name, acronym and logo by a private sector entity for commercial purposes will be prohibited. Authorization may be given (in written form only) for non-commercial purposes when such use would be necessary to advance the objectives of the collaboration, or to show support for the goals and activities of the UTM.
- Each cooperation must be endorsed by all UTM co-leads. The Steering Committee will be informed, consulted as needed, and will be asked to endorse proposed cooperations.



# Proposed criteria

- Cooperation with private sector entities will be pursued by the UTM only in relation to further advance and support the UTM's mission, goals and work plan
- All private sector entities will be assessed against the following criteria, including credibility, proven track record of delivery of support in line with the priority actions included in the proposed cooperation, and confirmed ability and capacity to carry out the intended collaboration activities
- The objective of the cooperation is clearly articulated and well defined
- Demonstrated support for the SDGs, evidence of past and active cooperation and initiatives with intergovernmental, national, subnational, industry or sectoral, non-governmental and other related organizations in support of renewable energy, climate, environmental, sustainable development and/or social causes will be required
- Established reporting on corporate environmental and social responsibility performance may also be required

# Announcements for Goa



Announcement	<p>UTM GETS READY TO WELCOME 250 NEW PIONEER CITIES TO JOIN THE CITY COHORT</p> <p>Amplify the message that the open call for 250 cities to join the UTM City Cohort is open until 21 August 2023. Announcement of new cities engaged is planned to take place at COP28 in Dubai.</p>
Link to MI-8 theme	<p>Theme 2: Extending the reach of MI to make clean energy accessible and affordable energy for all</p> <p>The UTM welcomes the participation of cities from all over the world. With tailor-made approaches and inclusive frameworks and guidance, the UTM will welcome cities from Global North and Global South to join the journey towards a net-zero, resilient and inclusive future.</p> <p>Cities of all sizes are welcome to attend (single municipalities with more than 50,000 inh. But now also groups of municipalities, provinces and counties can apply).</p>
Announcement	<p>LAUNCHED AN URBAN TRANSITIONS MISSION CENTRE - A GLOBAL KNOWLEDGE EXCHANGE PLATFORM, TO EMPOWER CITIES TO SHAPE THEIR OWN TRANSITION WITH ACCESS TO ROBUST KNOWLEDGE AND A NET-ZERO COMMUNITY FOR EXCHANGE</p> <p>Launch of the UTM Centre, an online platform to facilitate the management and transfer of global knowledge on urban climate action.</p>
Link to MI-8 theme	Theme 1: Advancing the continuum of R&D towards pilot demonstration on clean energy technologies
Announcement headline	<p>UTM BROKERS URBAN TRANSFORMATIONS THROUGH PILOT INITIATIVES WITH PRIVATE SECTOR AND FINANCE COMMUNITY</p> <p>Update on both launched and new pilot actions with private sector, financial institutions and UGIH</p>
Link to MI-8 theme	Theme 1: Advancing the continuum of R&D towards pilot demonstration on clean energy technologies

# Thank you!



## Connect with the Urban Transitions Mission

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**European Commission – DG Research & Innovation**



**Global Covenant of Mayors for Climate & Energy (GCoM)**



**Joint Programming Initiative Urban Europe (JPI UE)**