



Inter-City Cooperation Project on Sustainable Urbanism

-International Urban and Regional Cooperation

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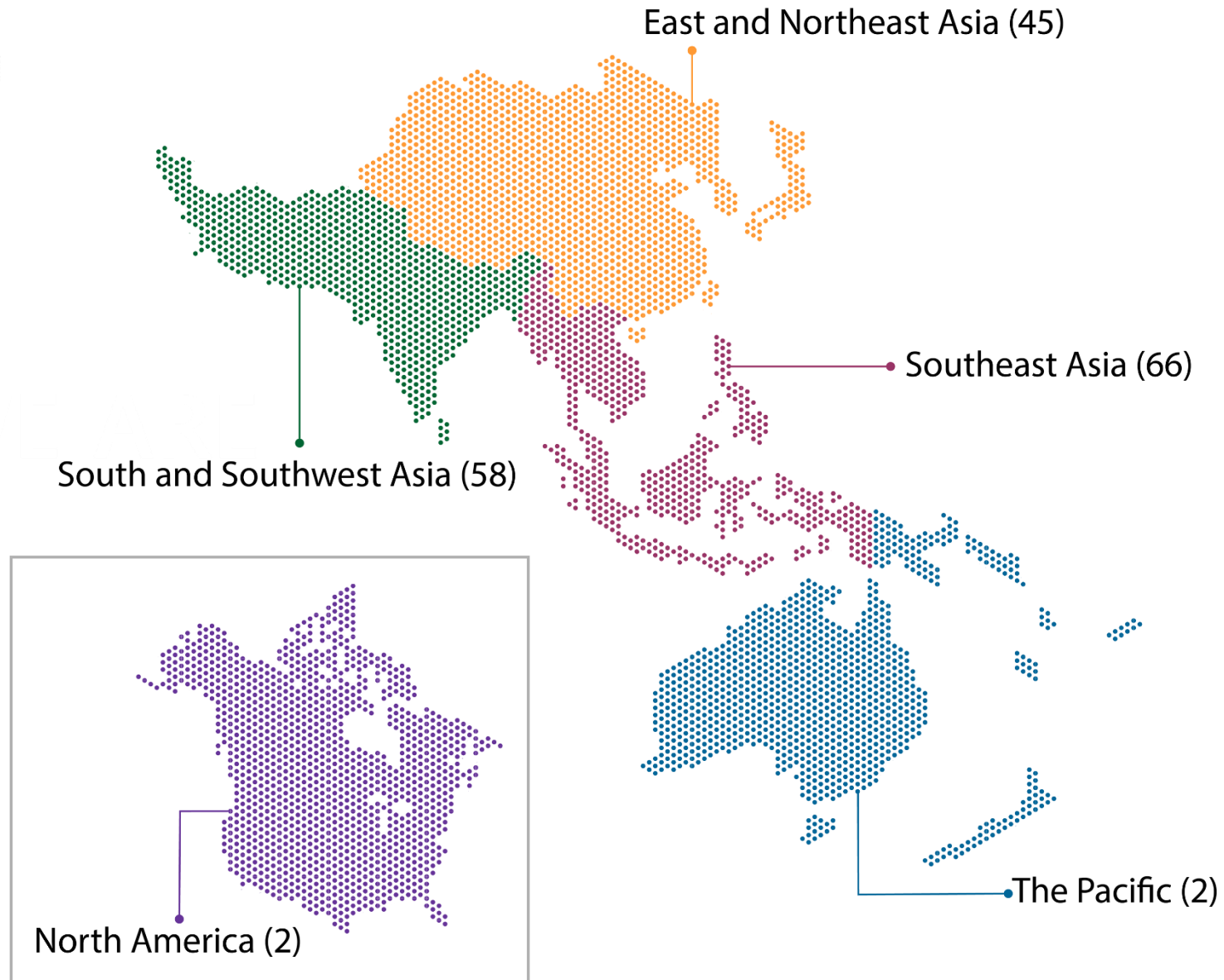
W: citynet-ap.org

**Part
01**

ABOUT CITYNET

WHO WE ARE

173 Total Members
110 Full Members
58 Associates
5 Corporates



WHAT WE DO

CAPACITY BUILDING

Thematic Areas

- Climate Change
- Disaster
- Infrastructure
- Sustainable Development Goals (SDGs)

Training Partners

- Seoul (Seoul Human Resource Development Centre)
- Kuala Lumpur (Kuala Lumpur Regional Training Centre)
- Penang (Think City)
- New Delhi (Housing and Urban Development Corporation)

KNOWLEDGE SHARING

Urban SDG Knowledge Platform

- 3 organizers (CityNet, Seoul Metropolitan Government, UNESCAP)
- 350+ best practice case studies
- SDG Navigator
- Toolkit on Localization of Urban Practices

**Part
02**

PROJECT CONCEPT

PROJECT CONCEPT

Climate Change in Cities

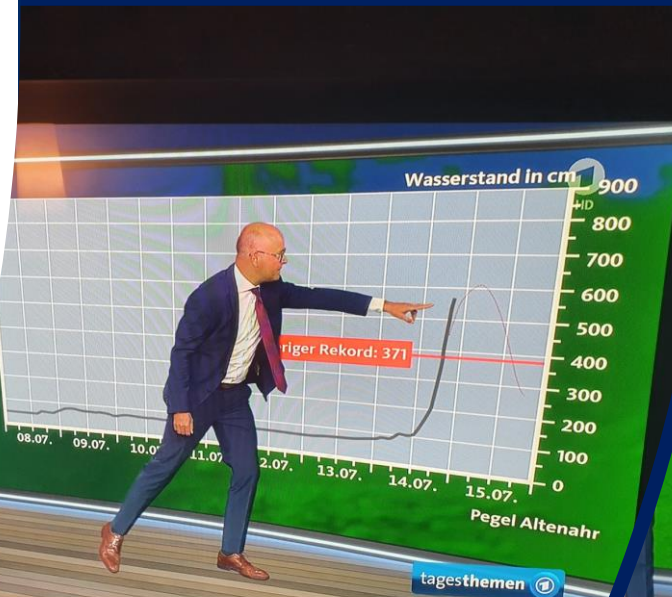
- Urban inhabitants are likely to experience climate change impacts most directly because currently around 57% of the world's population reside in cities



Building concrete cooperation and partnership between cities



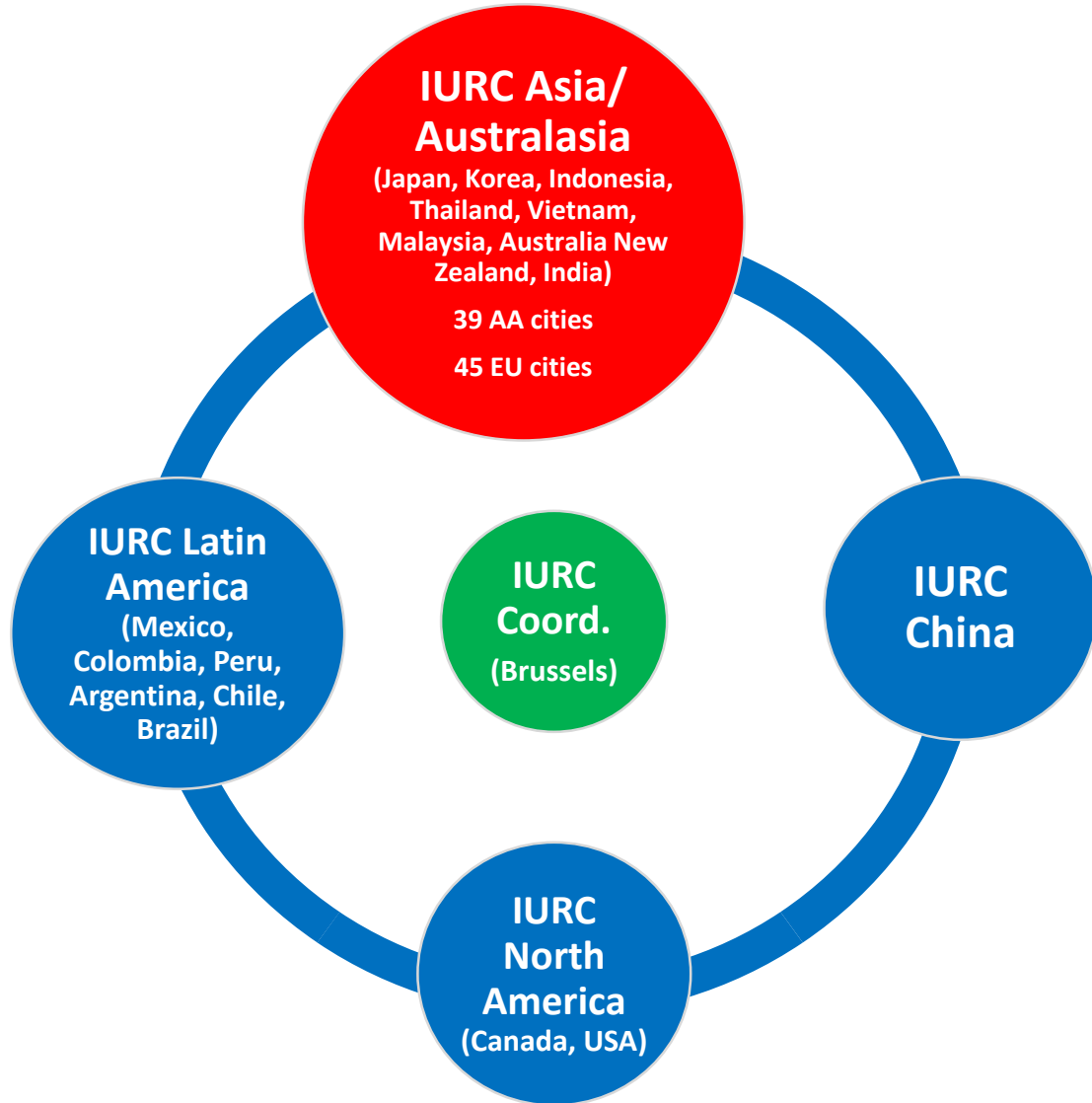
Sharing best practices on sustainable urbanism & Green policies



**Part
03**

WHAT IS IURC?

IURC CONCEPT OVERVIEW



IURC PROGRAMME

- A programme of the EU managed by the FPI
- Support by the EU Delegations, DG REGIO.
- Cities from the EU and non-EU will be involved in pairing / cluster activities.



**Thematic cluster events
& trainings**



**City-to-city
& multi-city study visits**



**Thematic
& best-practices reports**



**Networking events
in Europe and the region**

IUC BRIEF OVERVIEW

IUC PROGRAMME

- First phase of IURC programme

Seoul (R. Korea) **Eindhoven (Netherlands)**

- Public Lighting
- Innovation and IoT
- e-Governance

Suwon (R. Korea) **Scottish Cities Alliance (U.K.)**

- Smart Cities
- Open Data value chain
- Circular Economy
- Hydrogen vehicles

Busan (R. Korea) **Barcelona (Spain)**

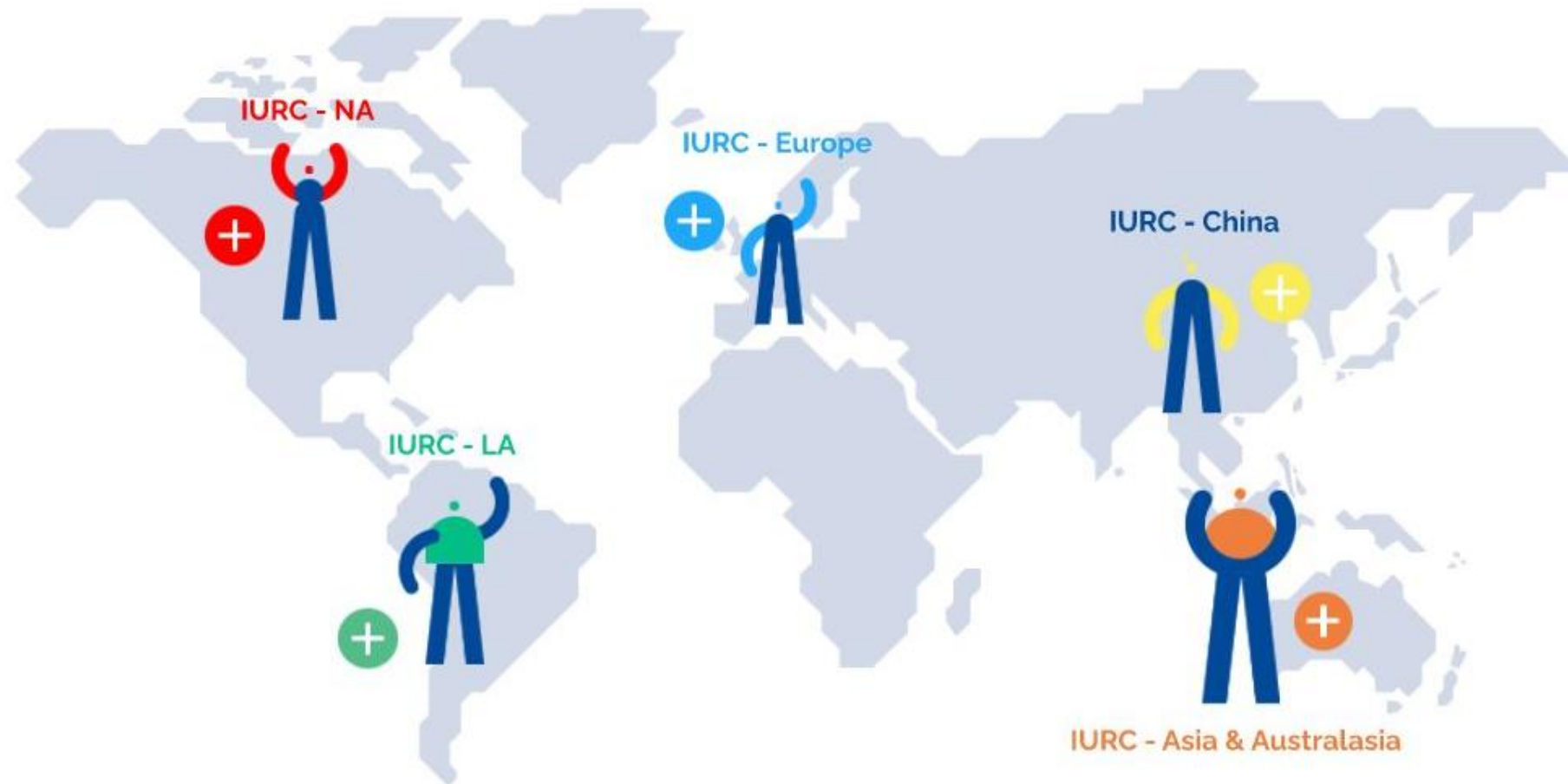
- Smart cities
- Public transport: fare system
- Urban Re-development and Regeneration of city spaces

Gwangju (R. Korea) **Tampere (Finland)**

- Smart Cities
- Smart Manufacturing
- Energy Efficiency and Climate Change
- Civic participation

KEY FIGURES

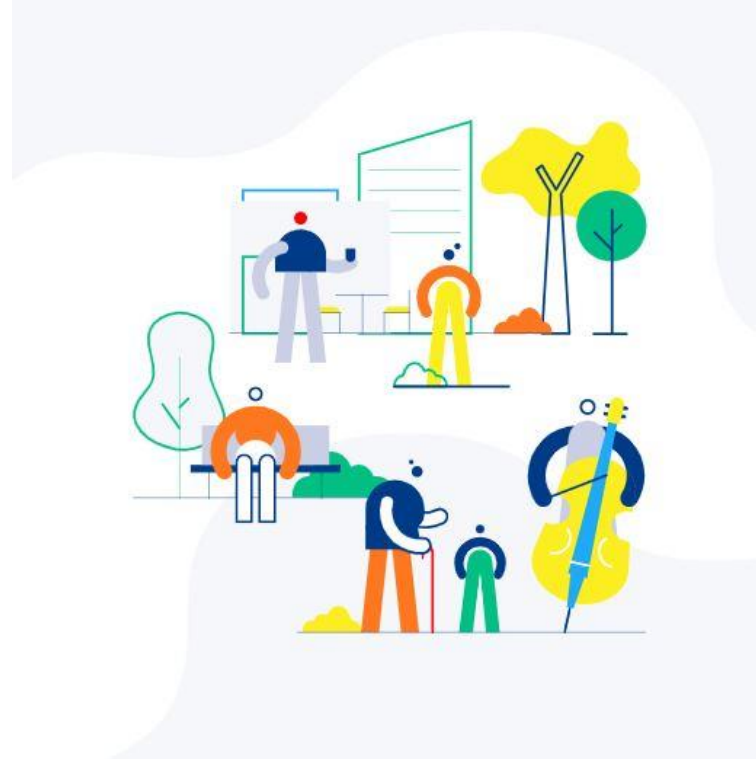
WHERE?



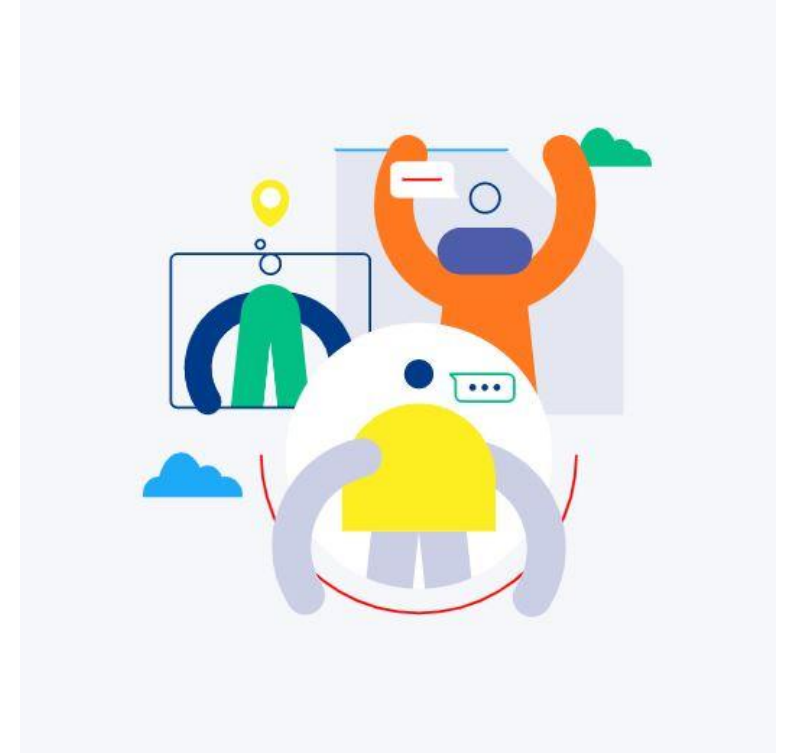
KEY FIGURES



**ECOLOGICAL TRANSITION
& GREEN DEAL**



**URBAN & REGIONAL RENEWAL
& SOCIAL COHESION**



**INNOVATIVE SUSTAINABLE
& CARBON NEUTRAL ECOSYSTEMS**

CROSS-CUTTING CHALLENGES



Digital Transition & Smart
City



Post Covid Recovery

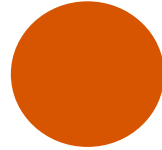


Energy Transition & Climate
Change

CITY PAIRINGS (OPEN PAIRING)

DUBLIN
-IRELAND-

Interest:
Air Quality & Noise
Urban Heat Island

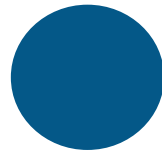


Interest:
Sustainable
& Green Mobility

SEOUL
-R. KOREA-

ROTTERDAM
-NETHERLANDS-

Interest:
Sustainable &
smart urban mobility

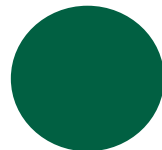


Interest:
Smart-Mobility
& Carbon Neutral City

BUSAN
-R. KOREA-

SOFIA
-BULGARIA-

Interest:
Circular Economy
& Urban Environment



Interest:
Smart City
& Green Mobility

SEJONG
-R. KOREA-

CITIES' COMMUNICATION

KICK-OFF MEETING



THEMATIC CLUSTER



BILATERAL MEETING

Transportation System in Post-Corona era

MURC

- Autonomous Driving**
Safe, Accessible SMART Mobility
5G Connected Public Transport
V2V, V2I, V2P, V2X ...
Traffic Safety Service
Pilot Projects
On-demand self-driving buses for passengers with special needs and covering marginalized areas
- Big Data Analysis**
Data-based, Customized Service
Real Time Traffic Data
Pattern Analysis
Customized Bus Operation
Subway Congestion Analysis
Fare evasion behavior analysis
- Smart & Safe Mobility**
Wallet-Free Parking
Automatic payment using IoT and automatic number-plate recognition
Risk Alert Service
Notifications of routes overlapping with confirmed COVID-19 patients

CHALLENGES

WHAT ARE THE CHALLENGES?

- **Building long-term relationship between cities**

- Difficult to maintain the communication between cities after the programme
- Cities consider this programme as one-time event



Therefore we offer fund for cities to implement sustainable pilot projects for cities



Pilot projects will let cities to have continuous dialogues and this can be beneficial for both parties

- **Virtual Meetings and Online Gatherings under COVID-19**

- Building communications through online meetings is very difficult
- Online meeting can be difficult to generate meaningful results



Conduct frequent events and meetings

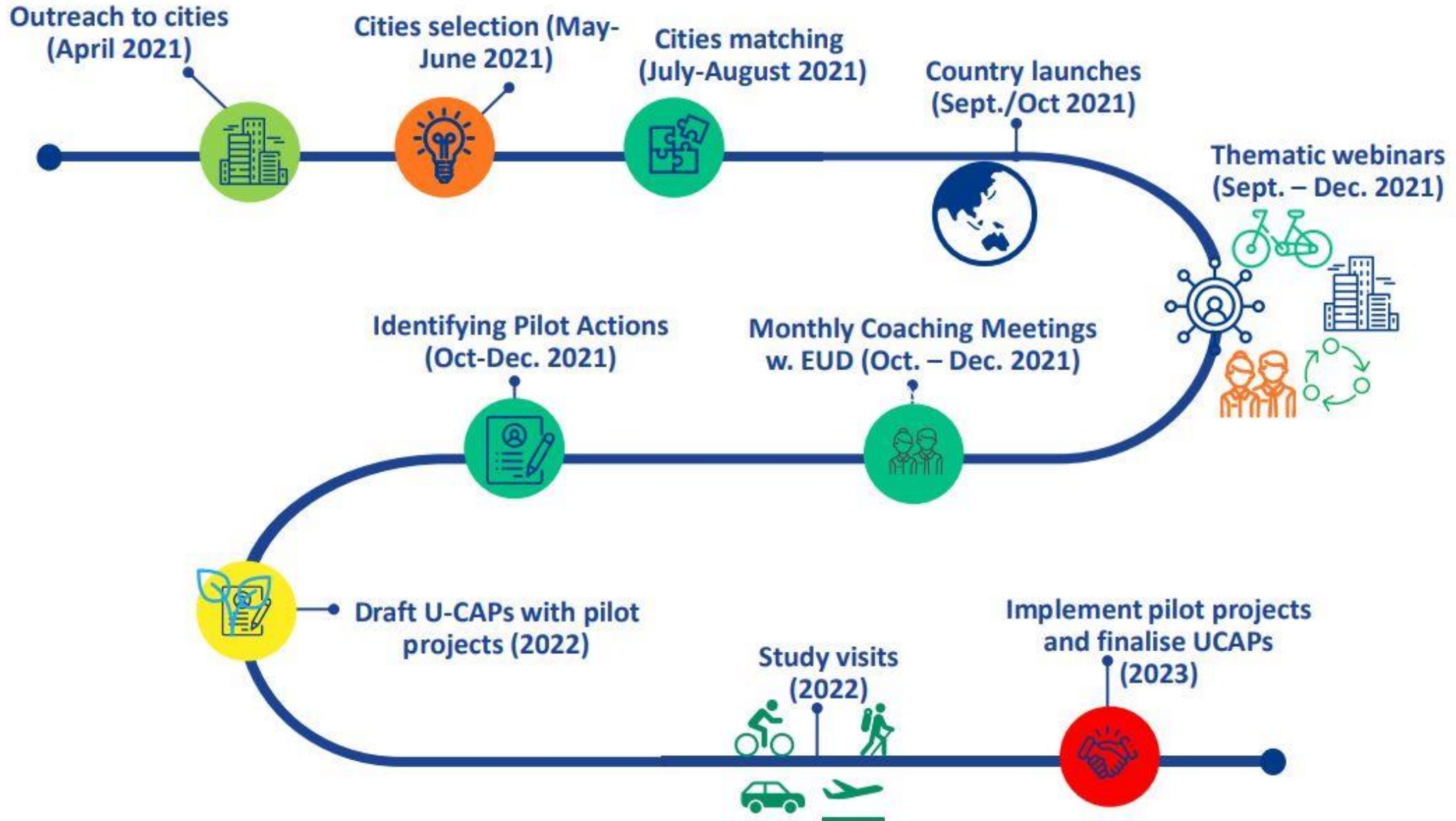


Provide interpretation service & online coaching

**Part
04**

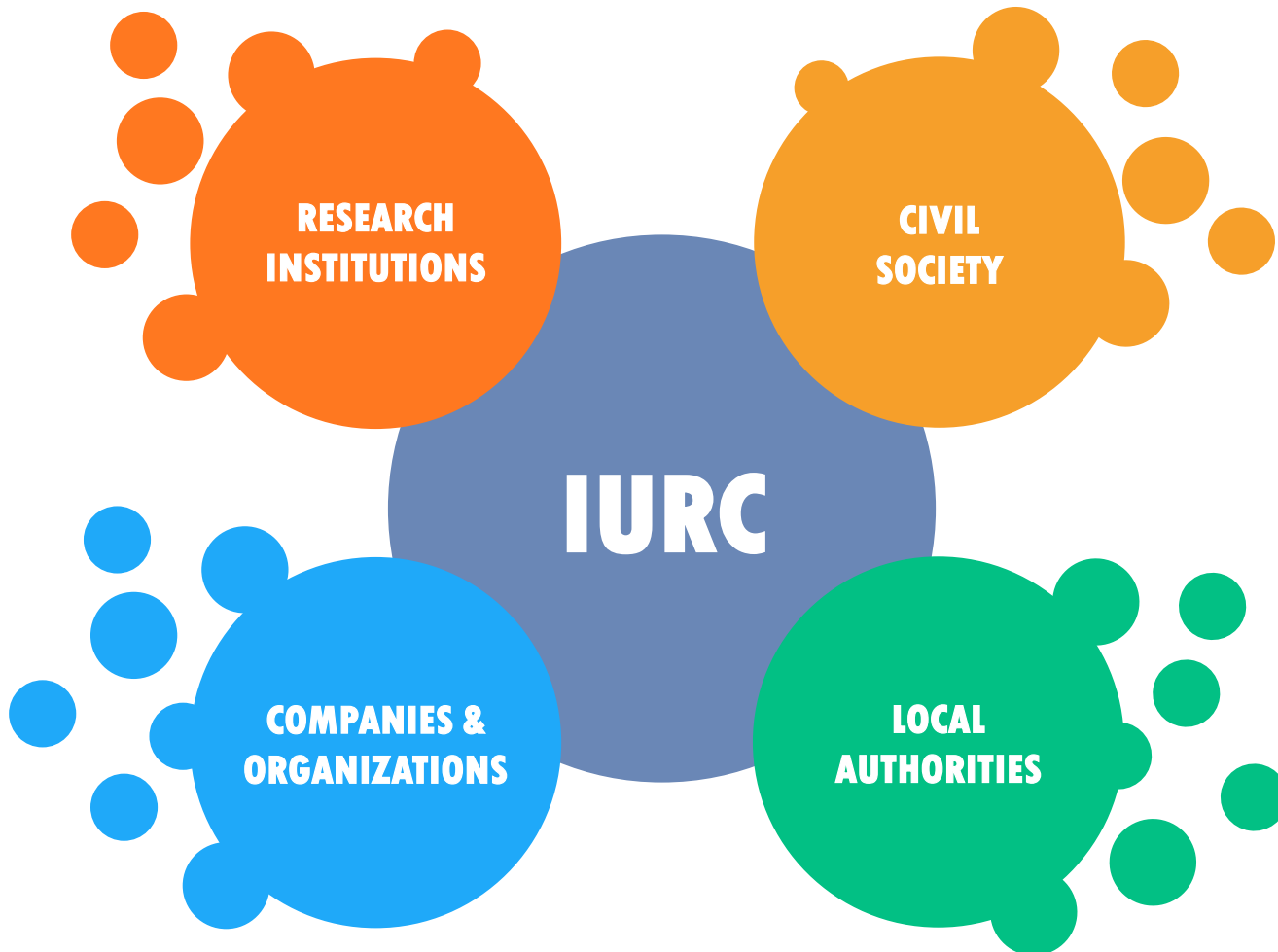
WAY FORWARD

TIMELINE 2021-2023



WHAT DO WE EXPECT

QUADRUPLE HELIX APPROACH



Urban Cooperative Action Plan

- Identify key 4-Helix stakeholders
- Effective matching & coaching
- Identify key concrete projects
- Streamline communication
- Follow-up regularly (online)
- Define decision-making mechanism
- Develop implementation roadmap
- Remain at project-level work
- Promote self-initiative by stakeholders

THANK YOU!

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