

# EU-JAPAN CITIES COOPERATION

Presenter: Pablo Gándara, Team Leader Asia &  
Australasia

Date: 16/09/2021



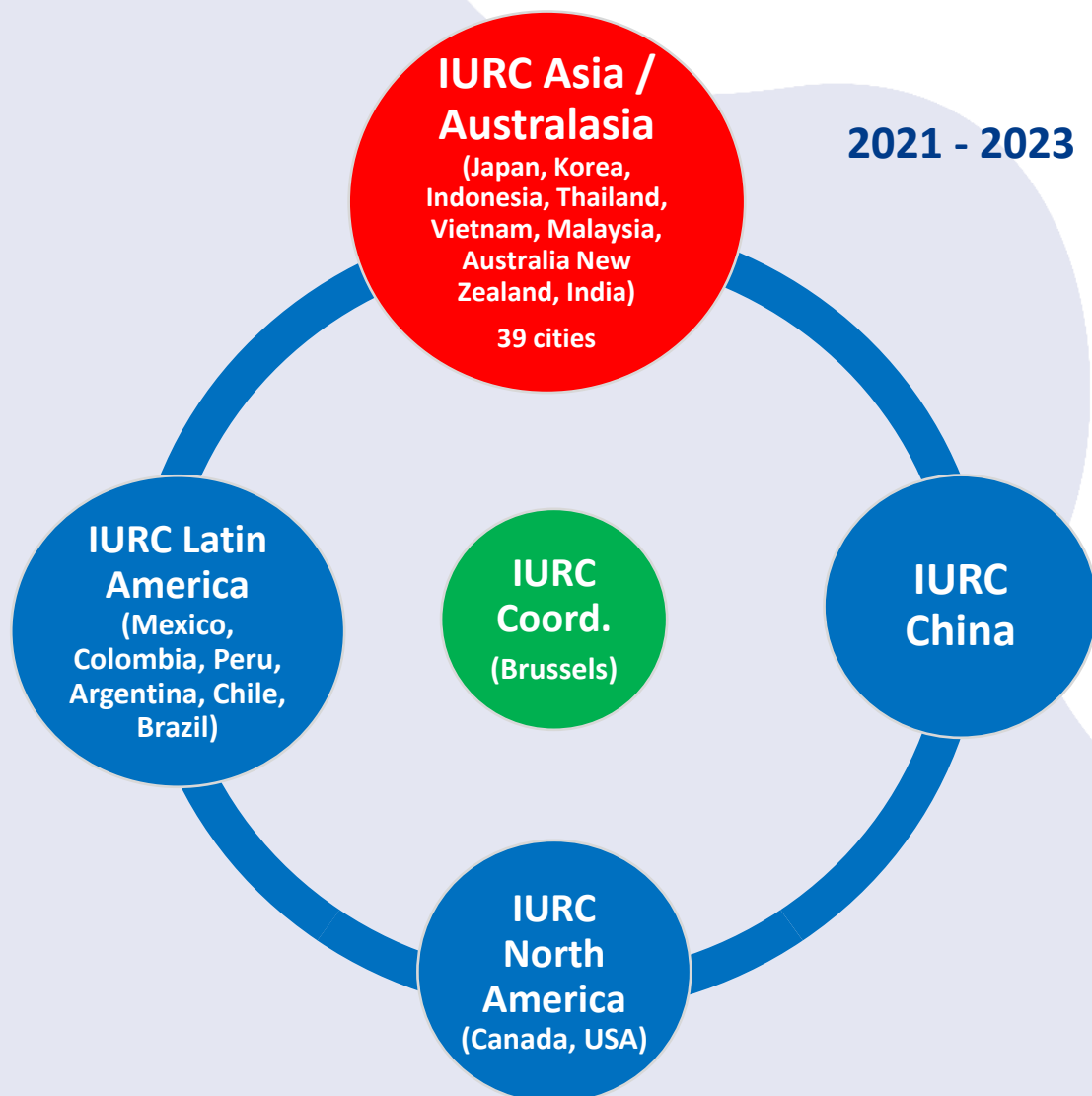
# Briefing Contents

- The **objective** of today's kick-off meeting
- **What** is the IURC Programme about?
- **How** does the project facilitate knowledge exchange?
- **What** does the cooperation entail?
- **How** do EU-Japanese cities add value to each other?
- The **focused thematic clusters/networks**
- **Introducing EU cities to Japan and vice versa**
- **What** are the bilateral/multilateral working mechanisms?

# Objective of the Kick-Off Meeting

- To create an **opportunity** for the EU-Japan cities to e-meet and to give a **preliminary briefing** of what the IURC programme is all about and what is the **endgame**
- To provide a platform to generate **better understanding** of what the EU-Malaysia **city-to-city cooperation** hopes to achieve
- To give both sides an opportunity to **ask questions to align thoughts** and to **start thinking of the target focused areas of cooperation** by understanding **Japanese cities' key challenges**
- To **manage expectations** of EU-Japanese cities – what to expect, how IURC Asia-Australasia facilitates this process
- **Financial contributions and commitments** involved

# Key Figures



## What?

- 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
  - Networking events in Brussels and the region
  - Thematic & best-practices reports

## Why?

- Support EU **city diplomacy** (establish relationships).
- Realise **concrete** pilot projects & UCAPs.

**How?** Regional team in Thailand (coordination), India and Japan. Helpdesks for cities in all countries. Cross-country *thematic clusters* experts.

## What else?

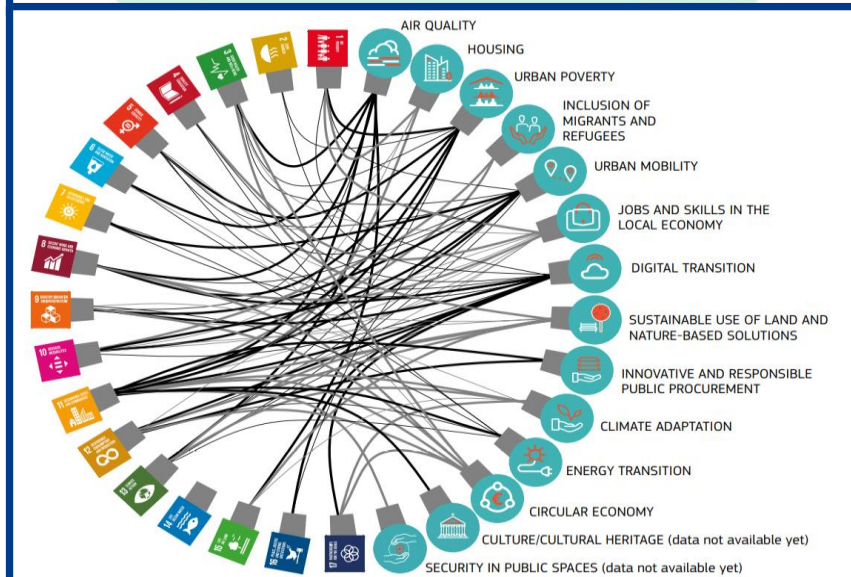
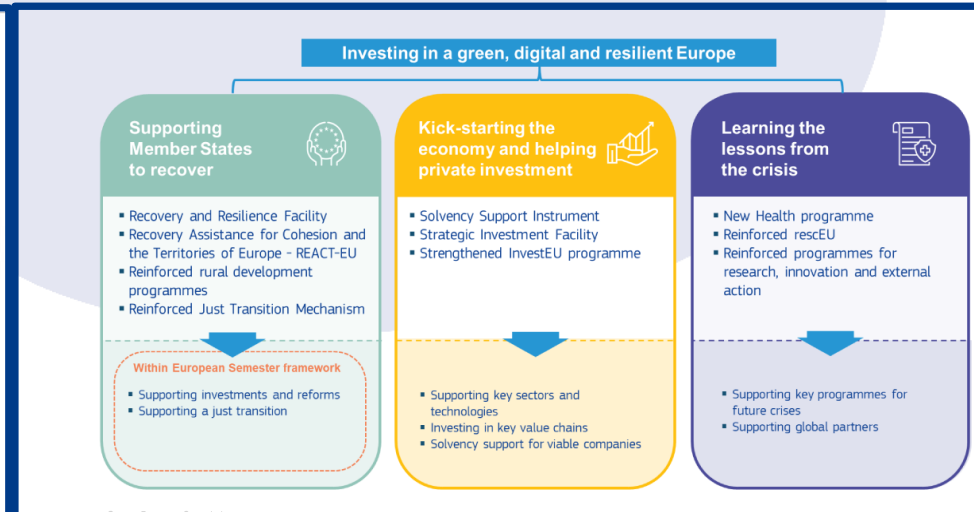
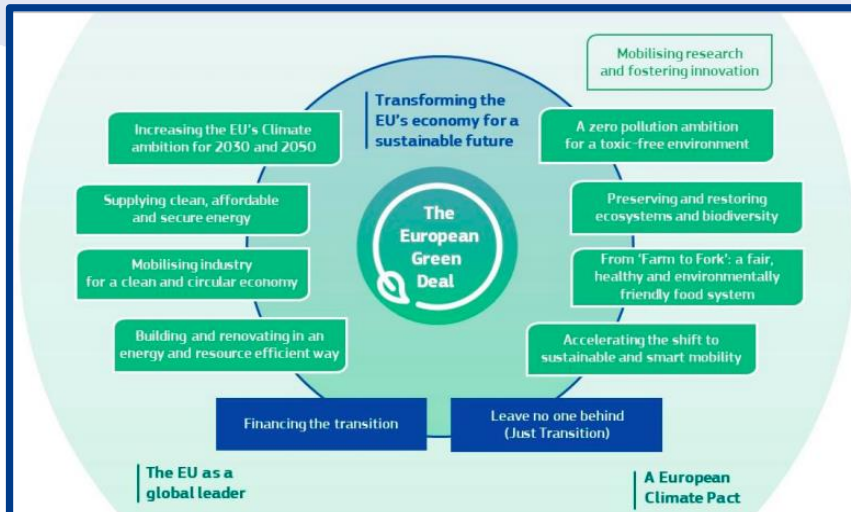
Support *business* cooperation.

Design, produce and disseminate *audio-visual* content.

# Creating Shared Value

- Building partnerships and strengthening networks during Covid-19
  - Pilot projects, engage in research in solving pressing city problems
- Knowledge exchange
  - Grow city champions to accelerate urban innovation combining EU expertise and Japan's local knowledge on the ground
- EU Best Practices
  - Thematic study visits to EU to witness best practices in action
- Japan's contribution
  - Thematic study visits to Japan: deeper understanding of EU cities in addressing key challenges on the ground
- Global Knowledge Platform
  - EU-Japan case studies and U-CAPs as replication models

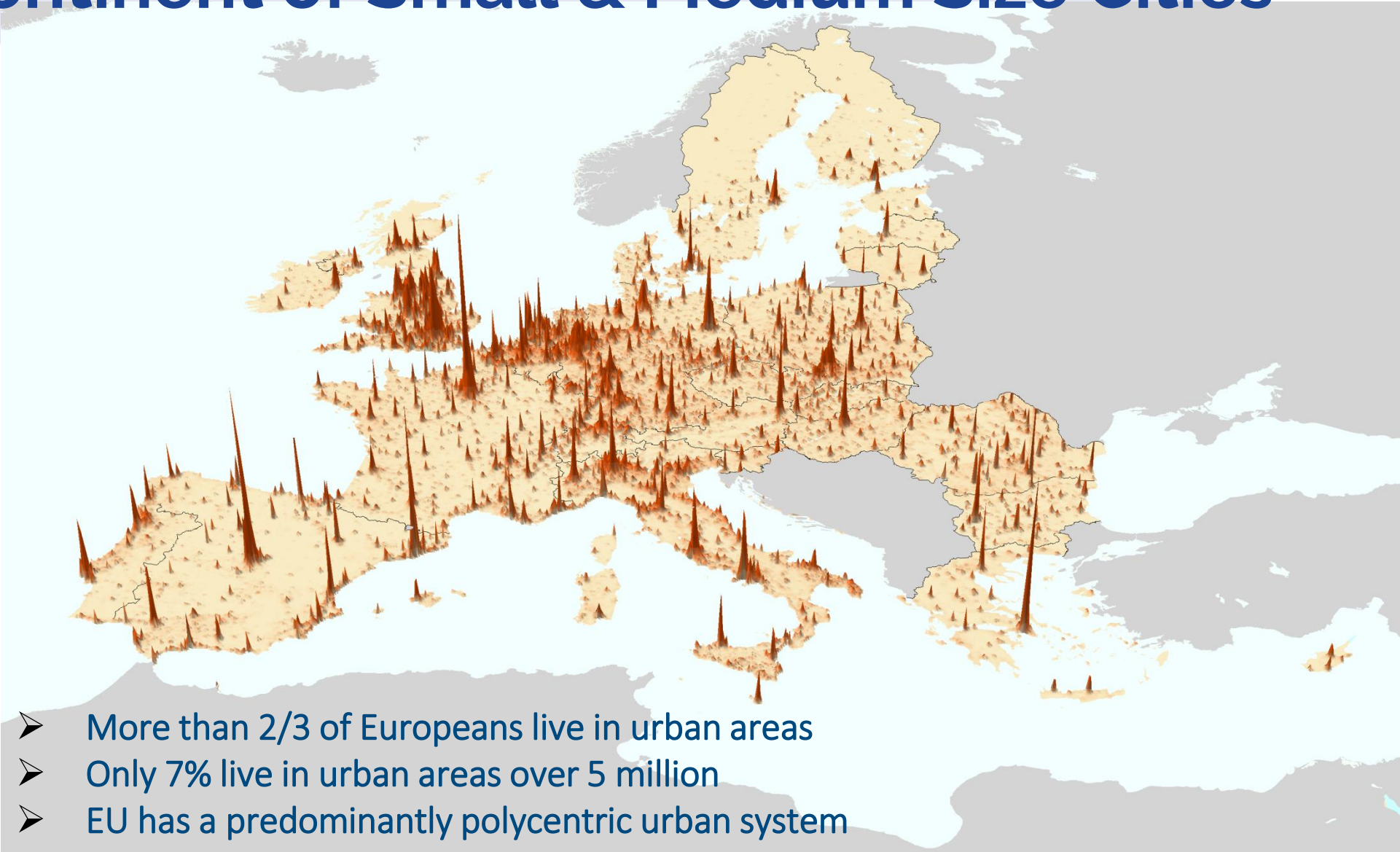
# Project Context – EU Green Deal, Recovery Package, SDGs, EU Urban Agenda, IUC





# Europe

## A Continent of Small & Medium Size Cities



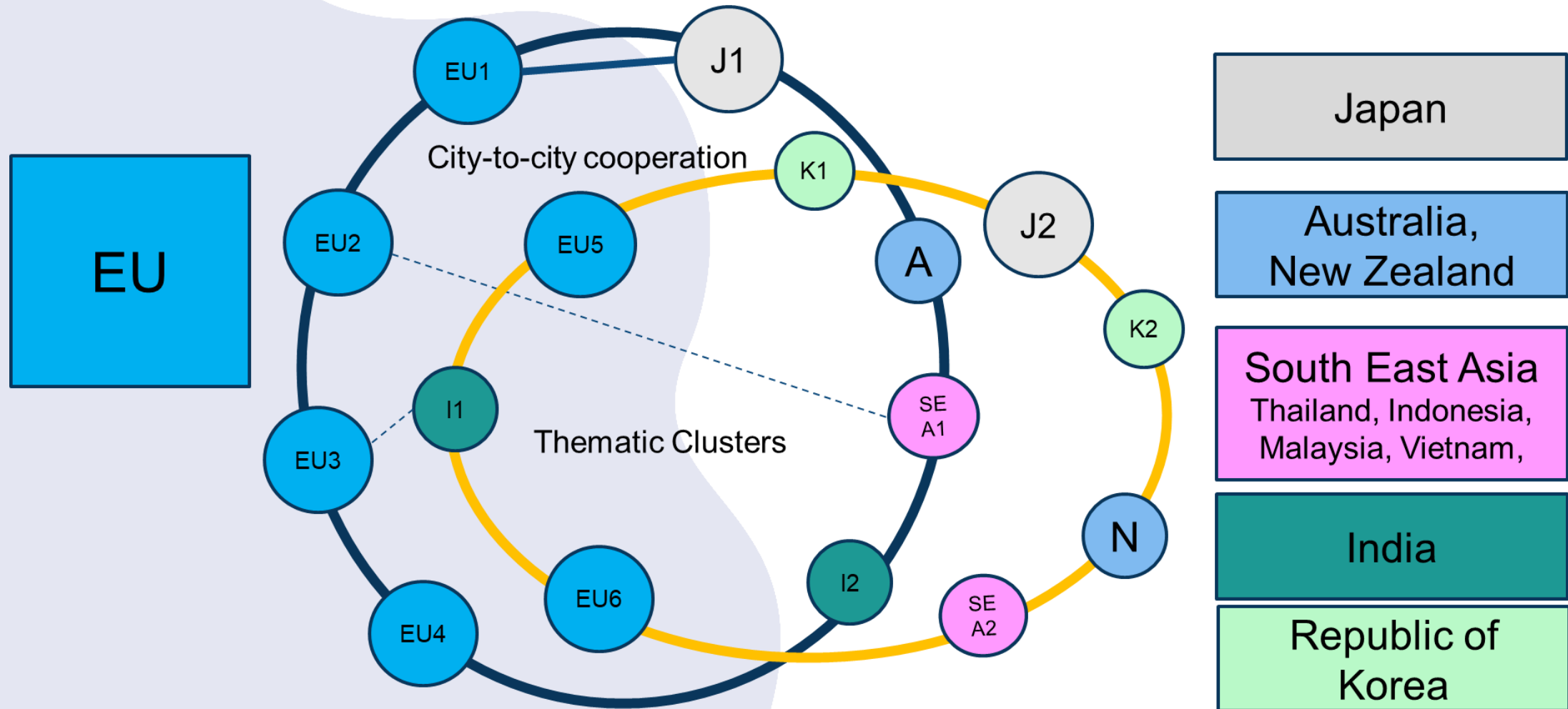
# Project Team



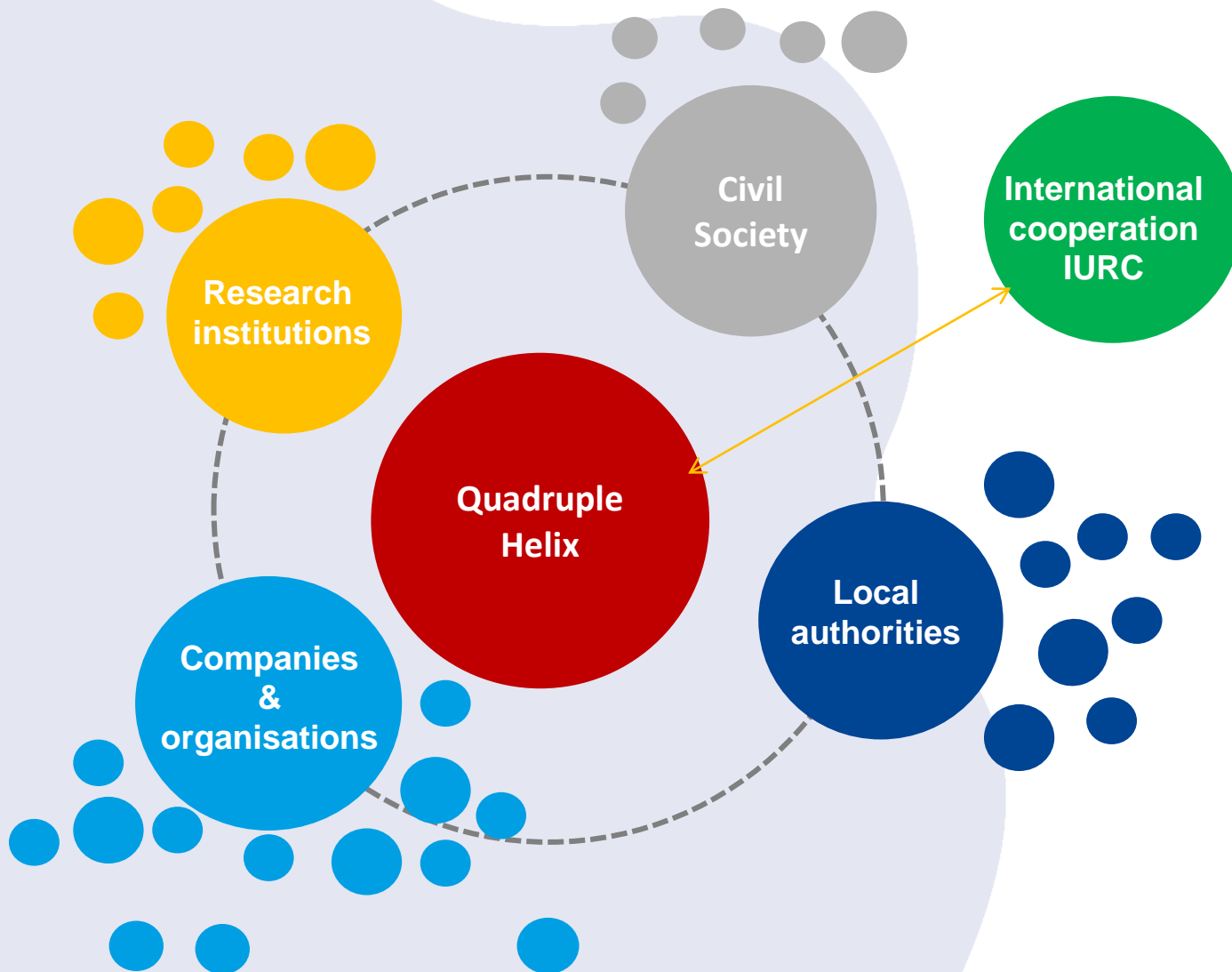
Cross country thematic cluster experts (NKE) with strong EU thematic knowledge



# Clusters and Sub-Regions



# The Quadruple Helix Approach



## Urban Cooperative Action Plan (UCAP)

- Identify key 4-Helix **stakeholders**
- Effective **matching & coaching**
- Identify **key concrete projects**
- Streamline **communication** (e.g. social media groups)
- **Follow-up** regularly (online)
- Define **decision-making** mechanism
- Develop implementation **roadmap**
- Remain at **project-level** work
- Promote **self-initiatives** by stakeholders



- Based on **IUC** Asia experience
- Promote city engagement for **short term actions** within the city or thematic clusters & **UCAPs**.
- Encourages cities to propose **innovative** and **sustainable** pilot projects in the short term that benefit the sustainable urban development.
- Applications must be submitted by the **EU cities**.
- Moreover, this will inspire other cities to **replicate** actions, thus creating a regional **community of practice**.
- **Time:** 2022 - 2023

# Global Thematic Concentration for Cooperation

**TH-NW. 1 – ECOLOGICAL TRANSITION- GREEN DEAL**  
**A Greener Future for Cities in Europe and Asia / Australasia**

**CIRCULAR ECONOMY**  
Waste Management

**GREEN INFRASTRUCTURE**  
Nature Based Solutions  
Water Management

**SUSTAINABLE AGRICULTURE**  
Food systems, Urban Gardens

**TH.NW. 2 – URBAN RENEWAL & SOCIAL COHESION**  
**A Sustainable Future for Cities in Europe and Asia / Australasia**

**URBAN AGENDA/PLANNING**  
SUD Strategies,  
Public Space,  
Urban Model: 15 min. Vision

**MOBILITY & TRANSPORT**  
Street 4 people -  
Superblocks – Metropolitan  
Connections

**TH.NW.3 – INNOVATIVE, SUSTAINABLE & CARBON NEUTRAL ECOSYSTEMS & STRATEGIC SECTORS**  
**A Smarter Future for Cities in Europe and Asia / Australasia**

**TOURISM & CULTURE**

**HEALTH,LIFE SCIENCE, ELDERY BIOECONOMY**

**EDUCATION, JOBS & SKILLS,**  
Clusters, Innovation  
Centres

**CROSS CUTTING OVERALL CHALLENGES**



**POST COVID RECOVERY IN CITIES**

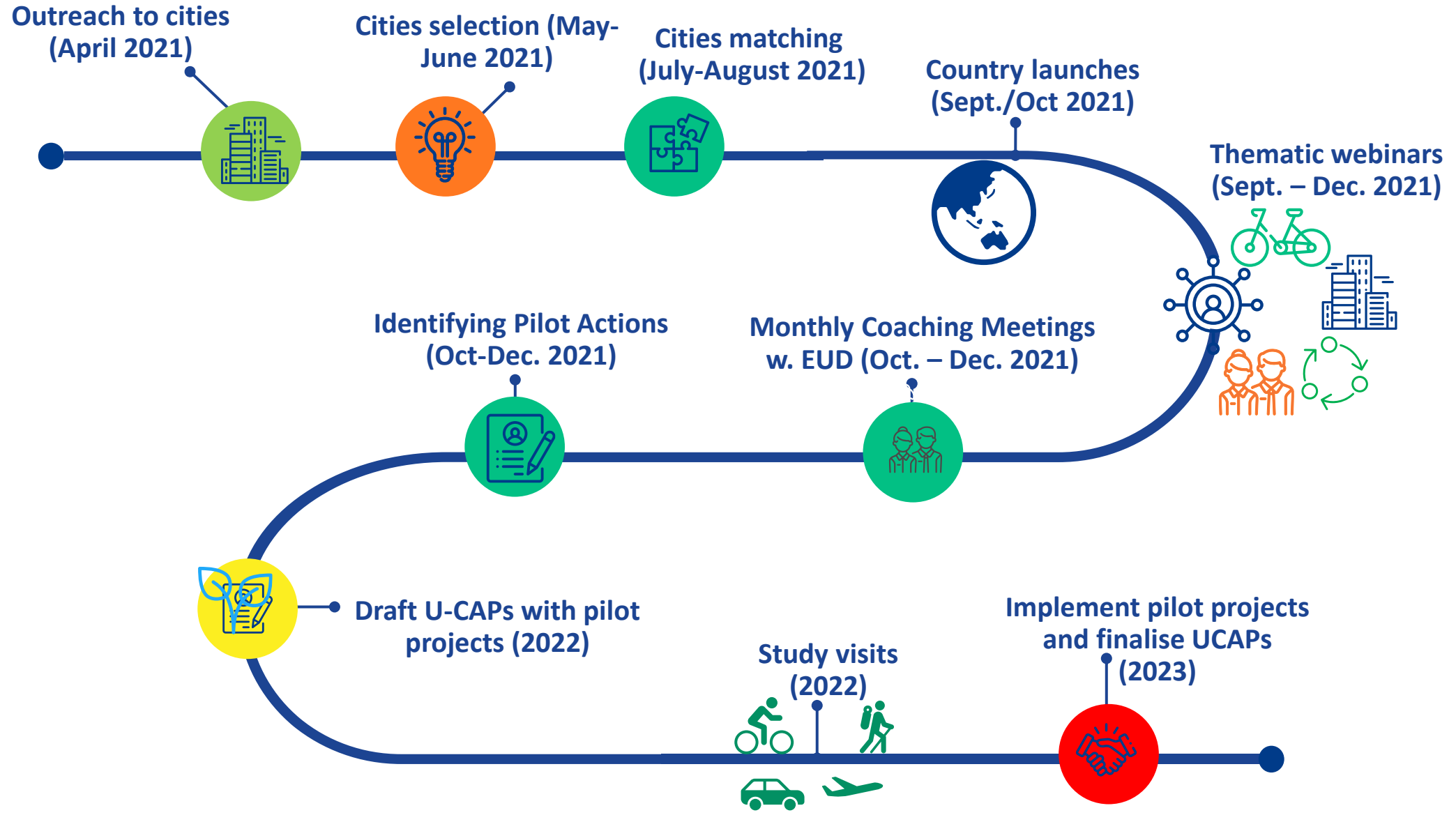


**CLIMATE CHANGE & ENERGY TRANSITION**



**SMART CITY & DIGITAL TRANSITION**

# Timeline 2021 - 2023





# IURC Activities



## NEW GREEN POSSIBILITIES

### 19 POLICY TALK

The Policy Talk will invite city officials and urban planners to share the vision of their respective city's green urban development and exchange ideas on policy and incentive mechanisms.

GREEN CITY SHAPE

Scan to Register



Moderator: Peeradorn Kaewlai  
(Professor and Researcher)

Young-Chang Cho  
(Seoul Metropolitan Government)



Brigitte Köhnlein  
(Deputy Head, Department of Federal, European and International Affairs, Ministry for Environment, Climate, Energy and Agriculture, City of Hamburg)



Wirat Manassanitwong  
(Director-General of Environment Department, BMA)



Thomas Jacob  
(Head of International Project, Senate Chancellery Senate of the Free and Hanseatic City of Hamburg)



Dr. Patrick Maurelli  
(Senior Advisor at Risorse per Roma SpA (an urban management agency in Rome) and a civil engineer, an expert in urban planning and renewable energy)

19 July  
(GMT+2)  
10.00-12.00  
(GMT+7)  
15.00-17.00  
(GMT+8)  
16.00-18.00  
(GMT+9)  
17.00-19.00

**LIVE** ZOOM | PAGE : CITY CRACKER

**BANGKOK DESIGN WEEK 2021**

#BKDW2021  
#BangkokDesignWeek



## NEW GREEN POSSIBILITIES

International online forum

### 23 JULY PLATFORM TALK

The Platform Talk will highlight key "platforms", or initiatives and networks, that promote green urban development. The topics for the discussion will include how these platforms can be sustained and scaled up so that more green spaces can be developed in urban areas, resulting in a better quality of life for the people.

Scan to Register



Moderator: Supitcha Tovivich  
(a CAN, Academic Expert from Silpakorn University)

Sofia Castelo  
(Lead for the Environmental Resilience Community of Practice in Think City)



Yossapon Boonsom  
(Founder of welpark)

Piero Pelizzaro  
(Chief Resilience Officer, Department City Resilience)



Daniela Patti  
(Managing Director of Eutropan, Cooperative City Magazine)

23 July  
(GMT+2)  
10.00-12.00  
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**LIVE** ZOOM | PAGE : CITY CRACKER

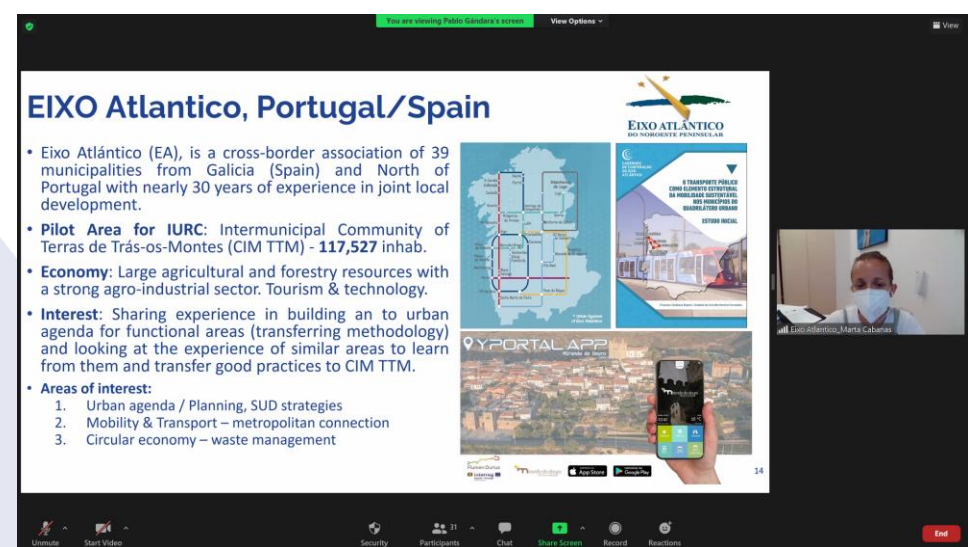
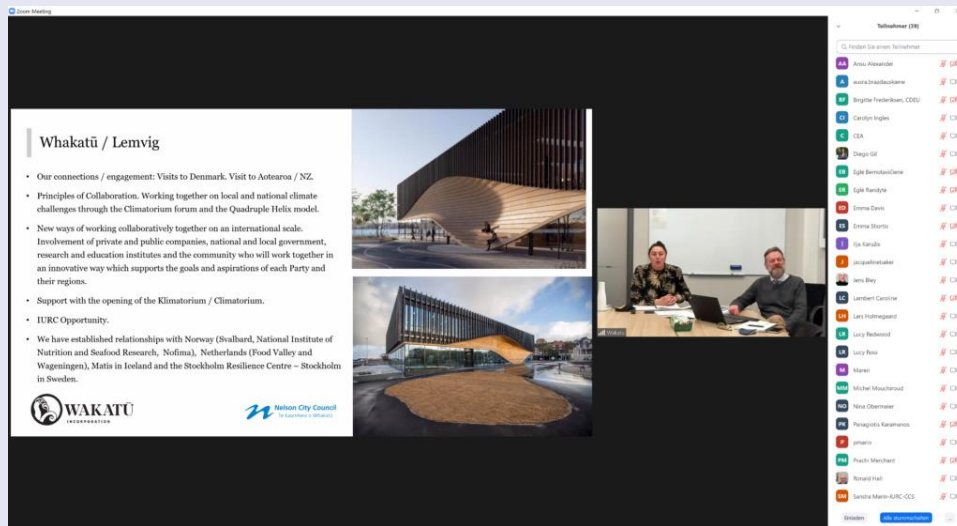
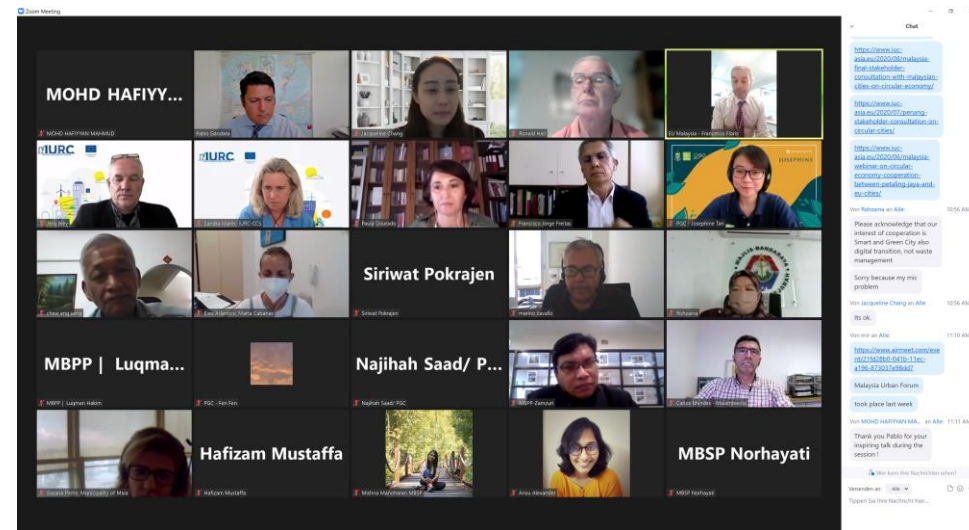
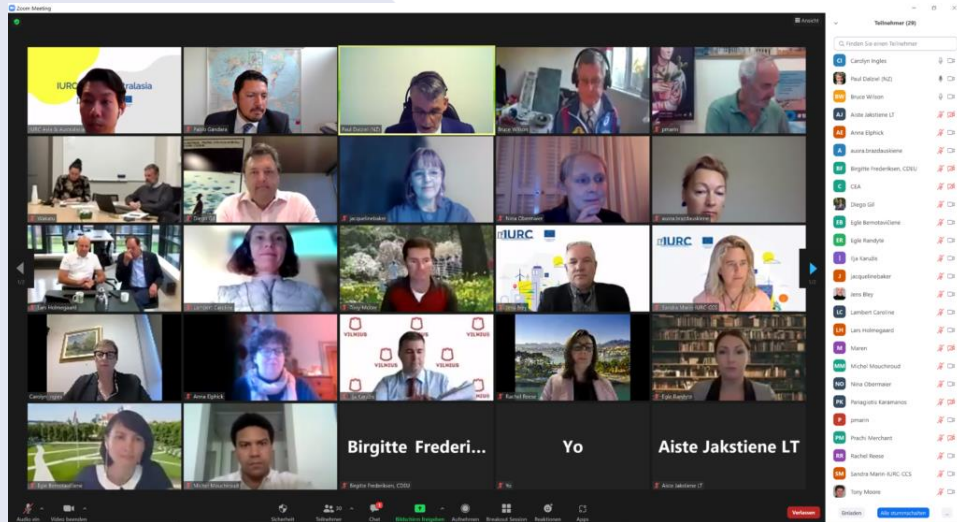
**BANGKOK DESIGN WEEK 2021**

#BKDW2021  
#BangkokDesignWeek



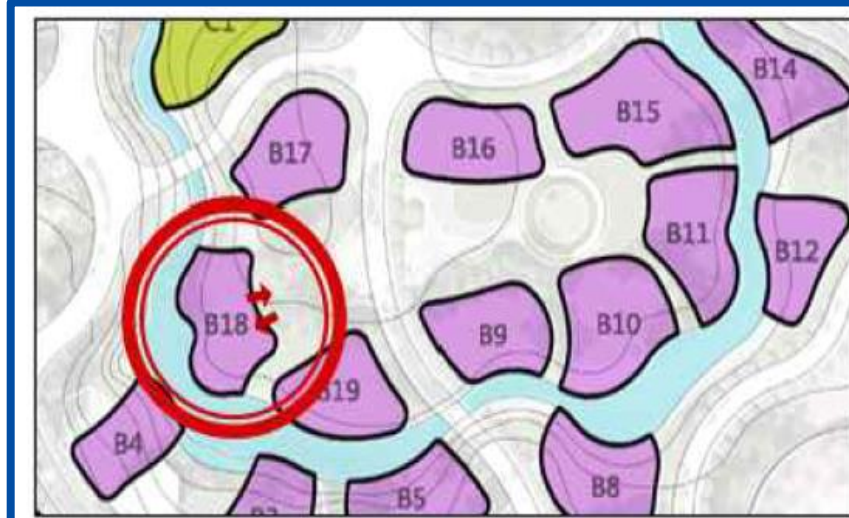


# IURC Activities



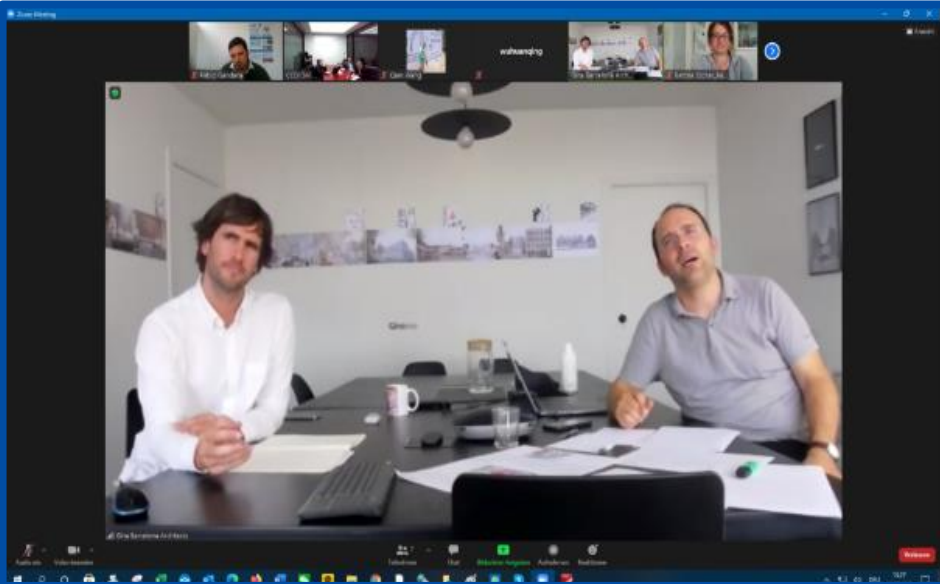


# IUC Examples (1) – Joint Cities Approach Horticult. Expo

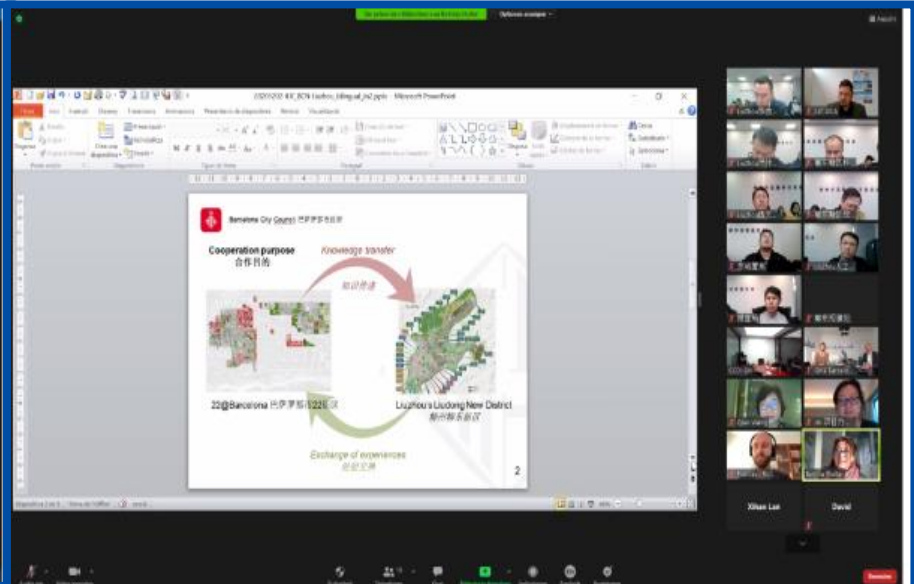





# IUC Examples (1) Barcelona – Liuzhou




A Zoom meeting window showing two men sitting at a table in a meeting room. The man on the left is wearing a white shirt, and the man on the right is wearing a grey polo shirt. They are both looking towards the camera. The room has a white wall with some posters and a black ceiling light.



A Zoom meeting window showing a presentation slide. The slide is titled "Cooperation purpose" and "Knowledge transfer". It features a map of Barcelona and a map of Liuzhou. The text on the slide includes "Cooperation purpose", "Knowledge transfer", "22@Barcelona 巴塞罗那22区", and "Liuzhou's Usdong New District 柳州柳东新区". The slide also shows a diagram of knowledge transfer between the two cities.




An aerial map of a research area. A red dashed line outlines a specific area labeled "启动区" (Start Area). The surrounding area is labeled "研究范围" (Research Area). The map shows a mix of urban and natural landscape.




A Zoom meeting window showing a presentation slide. The slide features a photograph of a modern building with a curved facade. The text on the slide includes "Research Park Barcelona" and "+15 Research buildings". The slide also shows a small map of the area.


# IUC Examples (3) – Digital Twins, Books, Training




CENTRO DI RICERCA  
INTERDISCIPLINARE TERRITORIO  
EDILIZIA RESTAURO AMBIENTE CITERA



Ministero  
per i beni e le  
attività culturali  
e per il turismo  
DIREZIONE GENERALE EDUCAZIONE, RICERCA  
E ISTITUTI CULTURALI



INTERNATIONAL URBAN COOPERATION  
European Union – Asia



A European Union  
Programme

## Welcome to the Rivaldi Palace Virtual Tour !

This is the first Demo deployed by **CITERA Sapienza** and **MIBACT DGERIC**, with the support of **IUC-Asia Programme**, to test and show the potentialities of 360° modelling techniques and virtual environments, applied to a restoration complex worksite.

The **Digital Twin Lab of CITERA Sapienza University** is engaged in research activities in the field of digital modelling aiming to the protection and conservation of historical buildings and cultural heritage. The tradition and know-how, the Italian excellence in the field of restoration, with the support of new technologies, generate great opportunities of international cooperation for Research, Training and Education.

Training on job, Living Lab and advanced research on site activities meet in the roman experience of the **Renaissance Palace of Silvestri-Rivaldi**, nearby the Colosseum, where takes place one of the most important recovery and restoration activity currently underway in Italy.

Here **MIBACT – DGERIC** is managing several «Restoration School Worksites», open to students and teams from all over the world, and many workshops focusing on different applied disciplines are going to be planned within **Ad Templum Pacis Project – DTC LazioInnova Regione Lazio**.

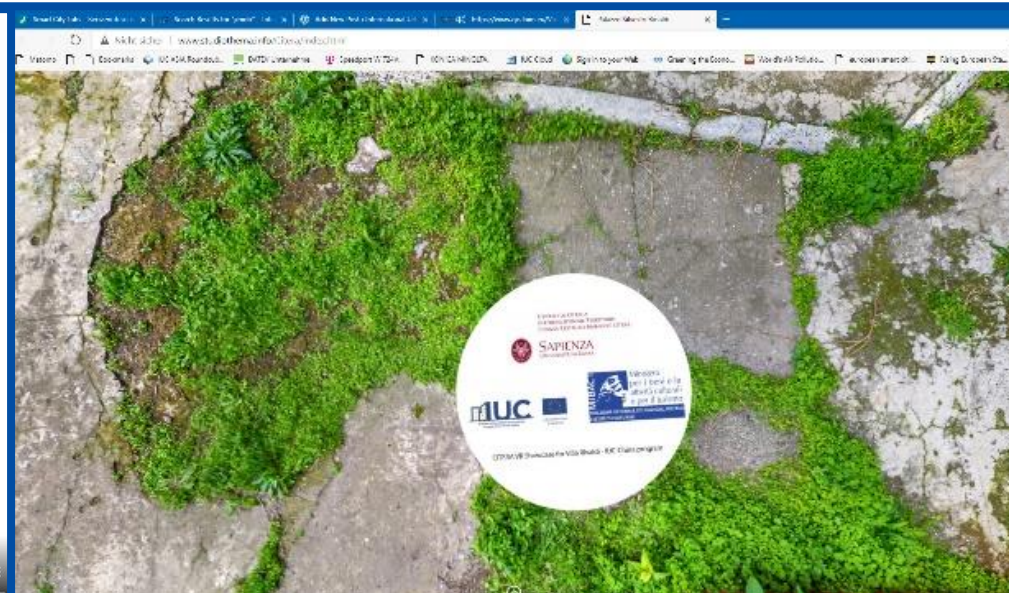
A «School Worksite» is a place where the immaterial enrichment of new discoveries is shared on the ground, with interdisciplinary scopes and approaches and with the participation of many user profiles: historians, restorers, digital designers and modelers, architects, cultural promoters, sponsors and visitors.

CITERA Research Centre proposes new activities and workshops on Historical BIM and innovative interactive models for Digital Twins.

Within the **IUC - International Urban Cooperation – programme**, Rome and Chinese cities are cooperating in this domain for R&D and educational purposes. Theory and practice have never been so close. Italy and China are working closer and closer together.

Learning by cooperating, cooperating by training

0.14 / 1.22      Enjoy the Rivaldi Palace Virtual Tour DEMO!







## GIS-BIM for Digital Integrated Design

### Basic Theories of Performance and Optimization Design of Green Buildings and Cities

Xing Shi, Prof., Ph.D.  
College of Architecture and Urban Planning  
Tongji University





## GISBIM

### INTERNATIONAL SUMMER SCHOOL

COOPERATING BY TRAINING



# IUC Examples (4) – EU Cities Innovation / Business Support



# IUC Examples (5) – EU Cities Business Blockchain & Platform



## MILESTONES

**PATENT INVENTORS: Giovanni Raspa & Gianluigi Tiberio**

2010	2012	2015	2016	2017	2018	2019
THEORETICAL STUDY	PHANTOM TESTS	PHANTOM TESTS	CLINICAL TRIALS	CLINICAL TRIALS	CLINICAL TRIALS	CLINICAL TRIALS
		STARTUP ACADEMY Unicredit Start Lab	STARTUP ACADEMY Unicredit Start Lab	Medtec START-UP ACADEMY Future Innovation & Technology	HORIZON 2020 SME-INSTR PHASE 2 WINNER	HORIZON 2020 SME-INSTR PHASE 1 WINNER
		ITALY PATENT GRANTED			CHINA PATENT GRANTED	USA PATENT GRANTED

**The SMART CITY CLUSTER**

An Alliance of 120+ members of the Smart Cities Industry

Helping Cities become Better Places since 2014

**Blockchain**

- What does it bring to us?  
Transparency, Integrity, Data preservation, Secure automation
- Alastria: federated blockchain Spanish platform
- Legislation  
Actually there are several efforts to develop a common European legal framework
- Use Cases in Public Administration
  - Identity Management
  - Assets Records
  - Smart contracts
  - e-Voting
  - eHealth
  - Justice Administration
  - Education Certificates
  - e-Procurement

**Biotechnology and Blockchain Innovations**

How blockchain can be used in Biotech Companies?

Maria Ogilvy League

PTs



# IUC Examples (6) – Consultation / Blueprint Circular Economy

The image displays four screenshots from a video conference, likely a consultation or blueprint session for a Circular Economy project.

- Top Left:** A grid of 16 participant video feeds, showing various individuals in a virtual meeting room.
- Top Right:** A close-up of a woman wearing a blue hijab and glasses, speaking during the session.
- Bottom Left:** A close-up of a woman with short dark hair and glasses, speaking during the session.
- Bottom Right:** A presentation slide titled "Circular Buildings – Some Pilots". The slide features two main sections:
  - Demo 1: Large Buildings Selective Demolition in urban center**  
The Tour UAP in Lyon had to be demolished and replaced with a taller, more technological skyscraper. Two towers in Glasgow were dismantled without use of explosives. In just three months the towers had disappeared. The Italian company Despe won twice the prestigious "World Demolition Awards" performing these demolition safely, swiftly and with 95% of recycled materials.
  - Demo 2: Production of SRM construction products for building and civil engineering applications**  
Three pilot production plants of SRM-based construction products in Maribor (Slovenia), Umag (Croatia) and Madrid – Henares corridor (Spain) will be built as part of the CinderCEBM demonstration.



# IUC Examples (7) – International Events - APUF





## All IURC Reads

ALL

NEWS FROM IURC

NEWS FROM ASIA & AUSTRALASIA

NEWS FROM CHINA

NEWS FROM LA

NEWS FROM NA



### Mumbai Climate Action Plan – Stakeholder Consultation On Sustainable Mobility

👤 Siriwat Pokrajien · 📅 September 9, 2021  
🕒 1 Min Read

The Municipal Corporation of Greater Mumbai (MCGM) as a part of the C40 Cities Network in collaboration with the Government of Maharashtra, WRI, Climate Voices and Waatavaran is developing the..

READ MORE →



### A Festival Of Ideas

👤 Anthony Colclough · 📅 August 31, 2021  
🕒 2 Min Read

What if sharing research and ideas to solve the world's problems could look more like a music festival than a stuffy old scientific conference? Officials from Umeå who travelled to..

READ MORE →



### The Journey Of "New Green Possibilities" Is Only Beginning

👤 Siriwat Pokrajien · 📅 August 31, 2021  
🕒 1 Min Read

<https://www.youtube.com/watch?v=SfJgbGuAyyw>  
The goal of the "New Green Possibilities" International Forum was to look at the promotion of green public space from different angles. This is why it was divided into..

READ MORE →



### Knowledge Sharing: The EU-China Regional Innovation Joint Study



### IURC Cooperation In Bangkok For A Greener City

👤 Siriwat Pokrajien · 📅 August 25, 2021  
🕒 1 Min Read



### Videos On Climate Change By Finnish And Japanese Youth To Be Presented At COP26



Pablo Gándara  
pgandara@iurc.eu



This presentation was produced with the financial support of the European Union. Its contents are the sole responsibility of the IURC AA project and do not necessarily reflect the views of the European Union.