

EU-KOREAN CITIES COOPERATION

Presenter: Pablo Gándara, Team Leader Asia &
Australasia

Date: 30/09/2021



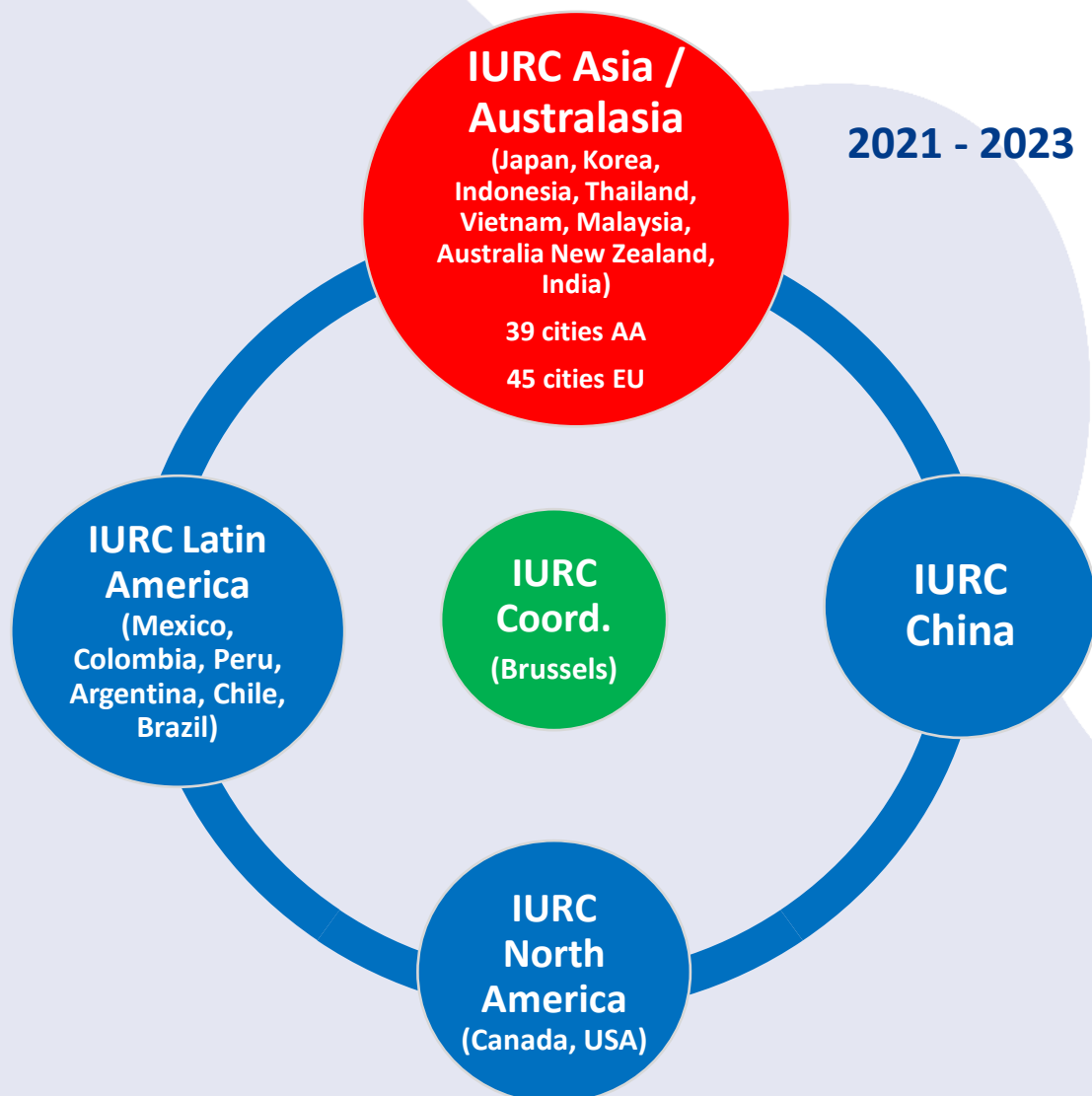
Briefing Contents

- 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-Korea cities add value to each other?
- The **focused thematic clusters/networks**
- **Introducing EU cities to Korea and vice versa**
- **What** are the bilateral/multilateral working mechanisms?

Objective of the Kick-Off Meeting

- To create an **opportunity** for the EU-Korea 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-Korea **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 **Korean cities' key challenges**
- To **manage expectations** of EU and Korean 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).
Helpdesks for cities in all countries. Cross-country *thematic clusters* experts.

What else?

Support *business* cooperation.
Design, produce and disseminate *audio-visual* content.

Project Team



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

Find the cities at www.iurc.eu

← → ↻ 🏠 iurc.eu/cities-regions/ ☆ 📱 🌐 ⚙️



About

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Cities



Regions

Refine Your Search

+ Search by country

- Geographical focus

+ Thematic Cluster

+ Cross Cutting Challenges

Your filters:

Asia & Australasia x

All

Europe

Latin America

North America

China

Asia & Australasia

▼ Albacete, Spain

Europe

Asia & Australasia

Cities from the Republic of Korea

Cities

▼ Busan, South Korea

Asia & Australasia

▲ Sejong, South Korea

Asia & Australasia



Population: 351k.

Area: 465 km²

Sejong Special Self-Governing City is the de facto administrative capital of the Republic of Korea, located in the centre of the country. It was founded in 2007 as the new planned capital of South Korea and is well-known for specialising in smart city, mobility and transportation.



Thematic Clusters



Cross-cutting challenges



▼ Seoul, South Korea

Asia & Australasia

Republic of Korea (3+3)

- Building up on EU World Cities (2017-2018) and IUC (2017-2020) projects:
 - 4 city-to-city partnerships
 - 3 climate action plans *peer reviewed*
- Policy context:
 - Digital New Deal (digital innovation)
 - Green New Deal (net-zero emissions / low-carbon)
 - Stronger Safety Net (inclusive country)
- Coordination by CITYNET
- Korean cities: Seoul, Busan, Sejong
- EU cities: Dublin, Rotterdam, Sofia





World Cities

EU – Third Countries Cooperation on
Urban and Regional Development



PROJECT

ACTIVITIES

CITIES

COUNTRIES

RESULTS

TOPICS

한국어

BAHASA

TIẾNG VIỆT



2017-2018

EU – INDONESIA

2015-2016

EU – KOREA

EU – VIETNAM

EU – SOUTH AFRICA

EU – AUSTRALIA

SEOUL & SONGPA-GU

GWANGJU

SUWON

BUSAN

EINDHOVEN

TAMPERE

BARCELONA

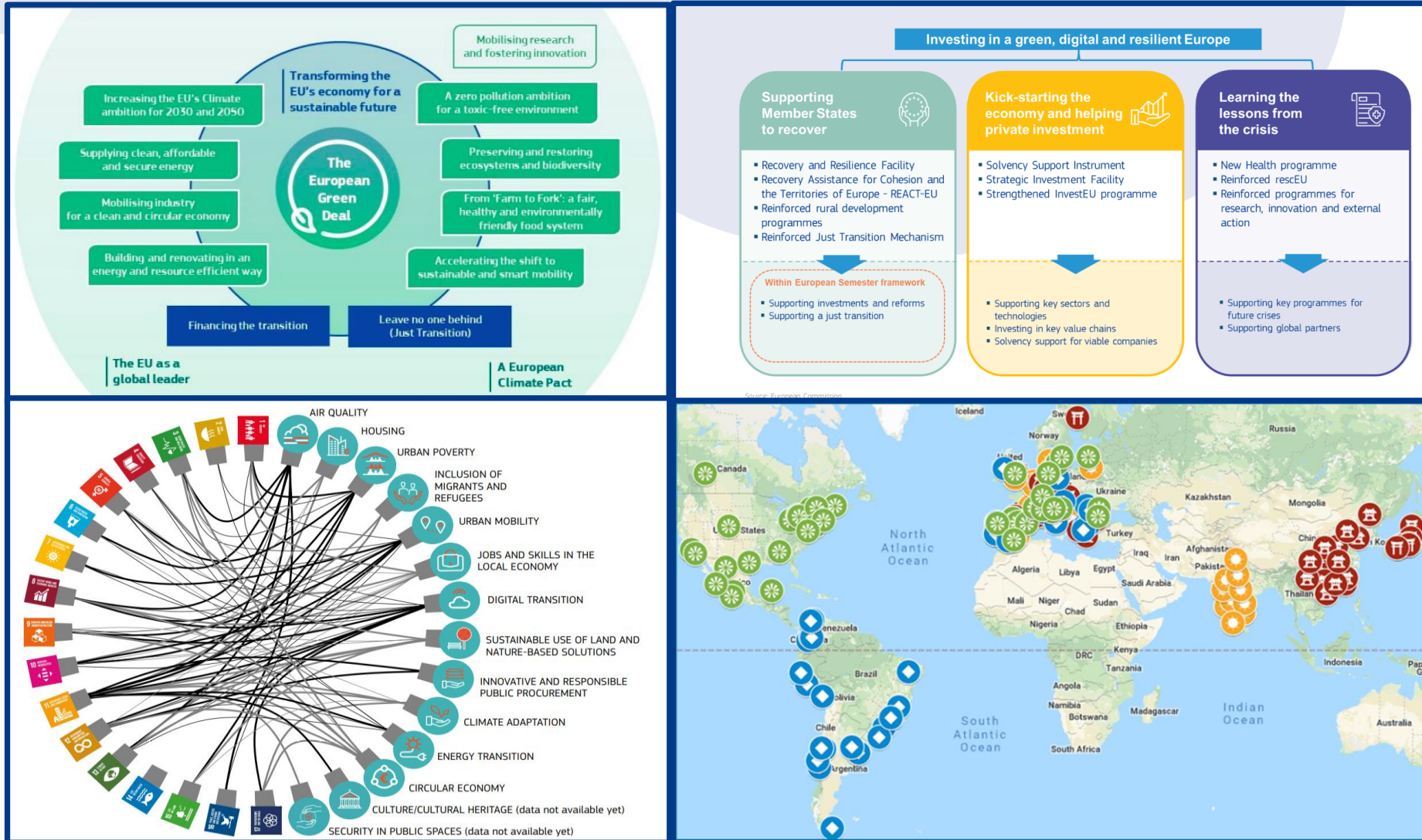
SCOTTISH CITIES



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 Korea's local knowledge on the ground
- EU Best Practices
 - Thematic study visits to EU to witness best practices in action
- Korea's contribution
 - Thematic study visits to Korea: deeper understanding of EU cities in addressing key challenges on the ground
- Global Knowledge Platform
 - EU-Korea case studies and U-CAPs as replication models

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



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

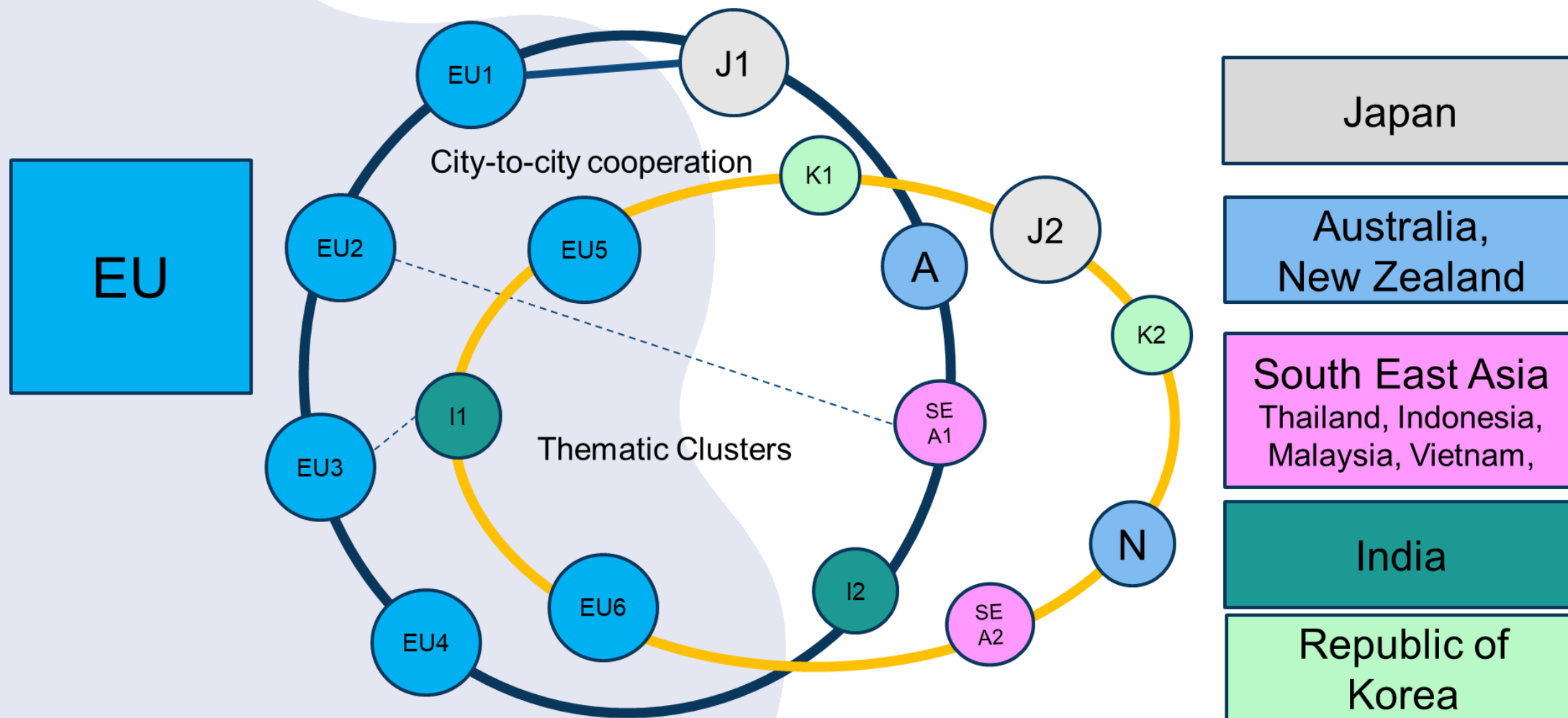


CLIMATE CHANGE & ENERGY TRANSITION



SMART CITY & DIGITAL TRANSITION

Clusters and Sub-Regions



Thematic cluster meetings - example

ADDRESSING CLIMATE CHANGE IN CITIES

Nature-Based Solutions and Green Infrastructure

JOIN US ON **5 OCTOBER 2021**
16:00-17:30 KST | 09:00-10:30 CEST



SCAN TO
REGISTER!

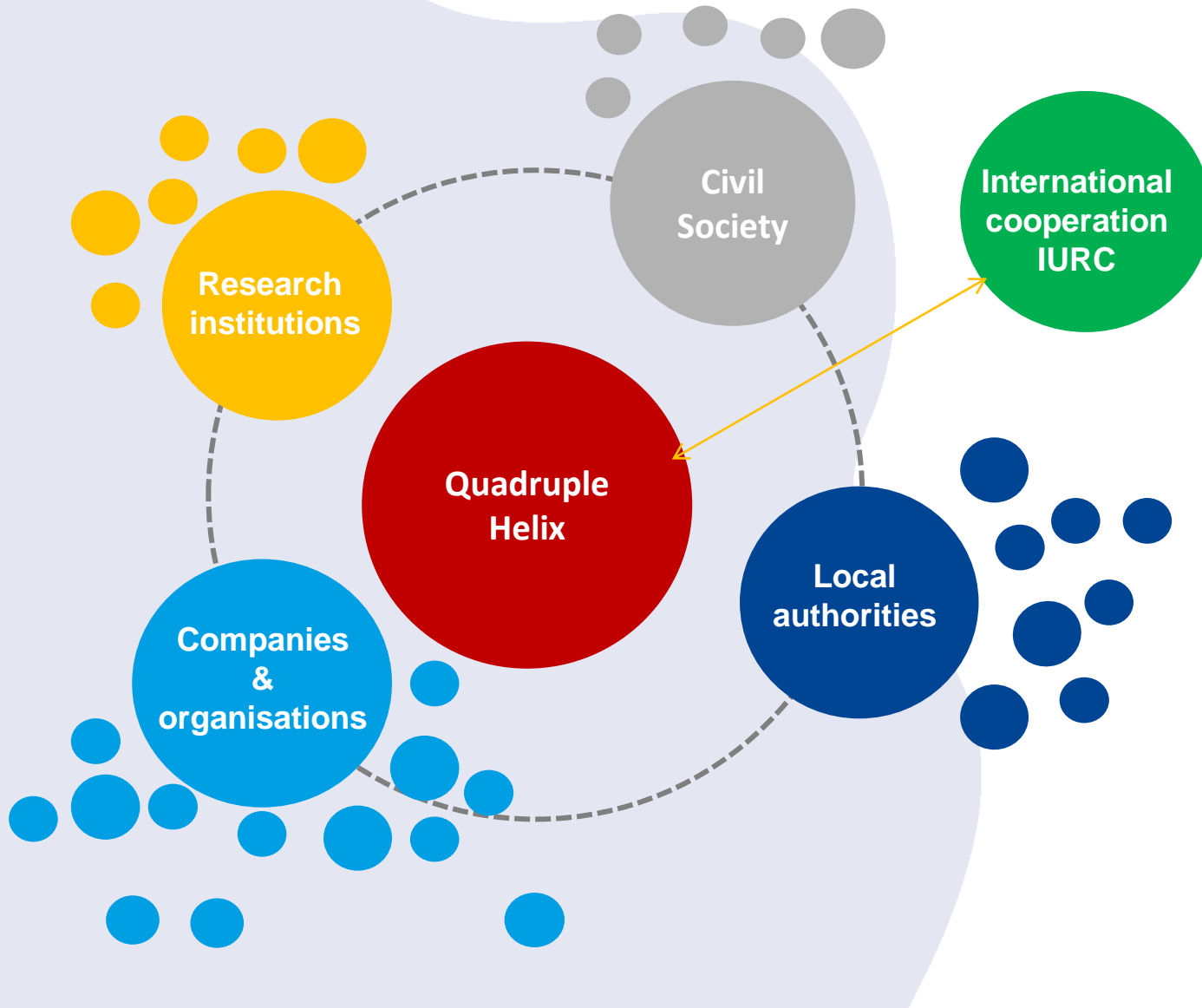


FEATURING 2 PANEL DISCUSSIONS

Panel 1
*Nature-based solutions
and urban heat islands*

Panel 2
*Water retention
infrastructure for heavy
rainfall and flooding*

The Quadruple Helix Approach



Urban Cooperative Action Plan (UCAP)

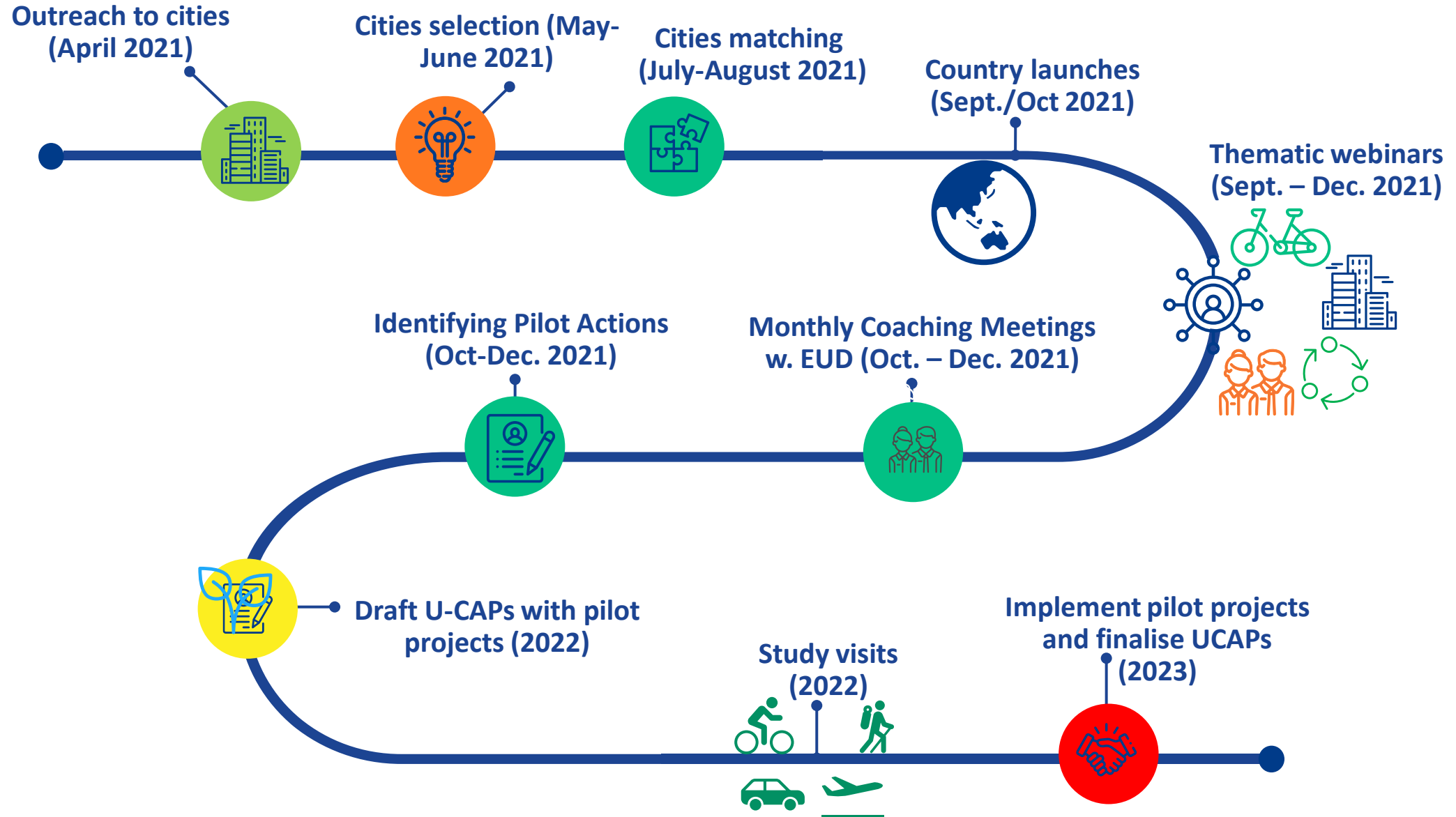
- Identify key 4-Helix **stakeholders**
- Effective **matching & coaching**
- Identify **key concrete projects**
- Streamline **communication** (e.g. social media groups)
- **Follow-up** regularly (online)
- Define **decision-making** mechanism
- Develop implementation **roadmap**
- Remain at **project-level**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

The UCAP

- The IURC AA project team will adapt the Urban Cooperation Action Plans (UCAPs) template (to be delivered by the CCS) and will make use of them as living documents, containing:
- A constantly updated **roadmap** for the cooperation throughout and beyond the financial EU support period, and
- A brief **assessment** of how the IURC project actions contribute to the existing urban development strategies at local, national and international level.
- Expected **results** and benefits.

<u>City:</u>		
<u>Province, State, Department...:</u>		
<u>Country:</u>		
<u>Population:</u>		
<u>Size (km²)</u>		
<u>Period of cooperation</u>		
<u>Cooperation Themes:</u>		
<u>Related SDGs and Urban Agenda topics:</u>		
<u>Key focus of cooperation themes:</u>		
<u>Key challenges of cooperation theme:</u>		
<u>Main objectives of cooperation as described in the U-CAP:</u>		
<u>Short description of main activities and key outputs (e.g. pilot projects):</u>		
<u>Expected results and benefits:</u>		

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)



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



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



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



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

LIVE ZOOM | PAGE : CITY CRACKER

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

BANGKOK DESIGN WEEK 2021

#BKKDW2021
#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
(as 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 Polizzaro
(Chief Resilience Officer, Department City Resilience)



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

LIVE ZOOM | PAGE : CITY CRACKER

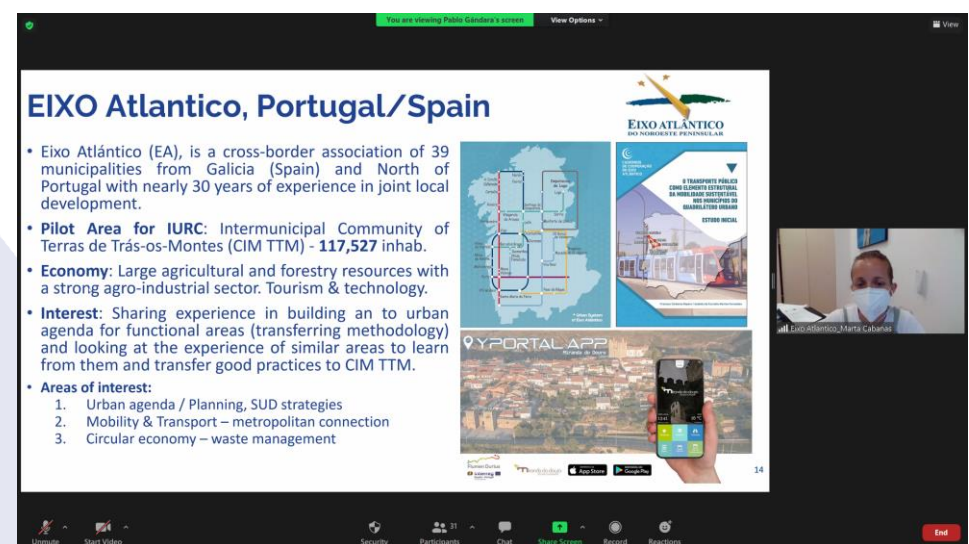
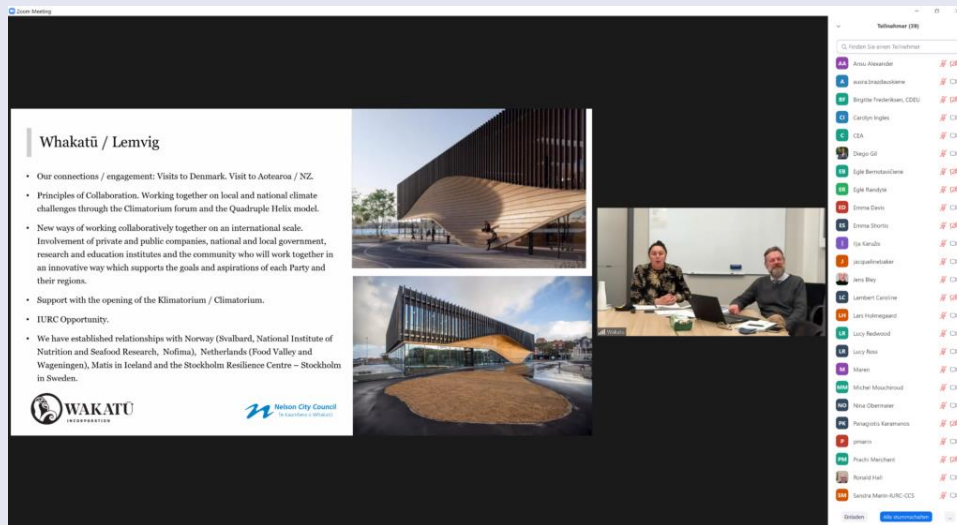
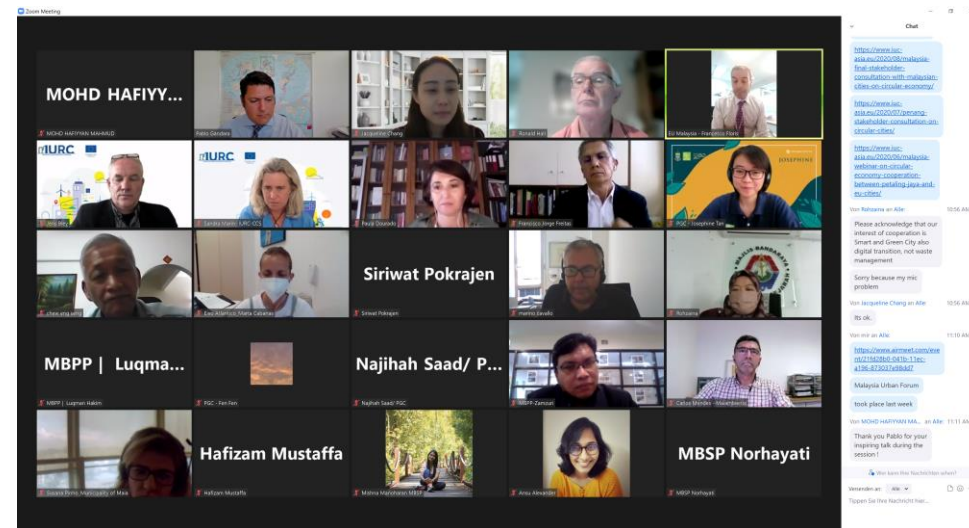
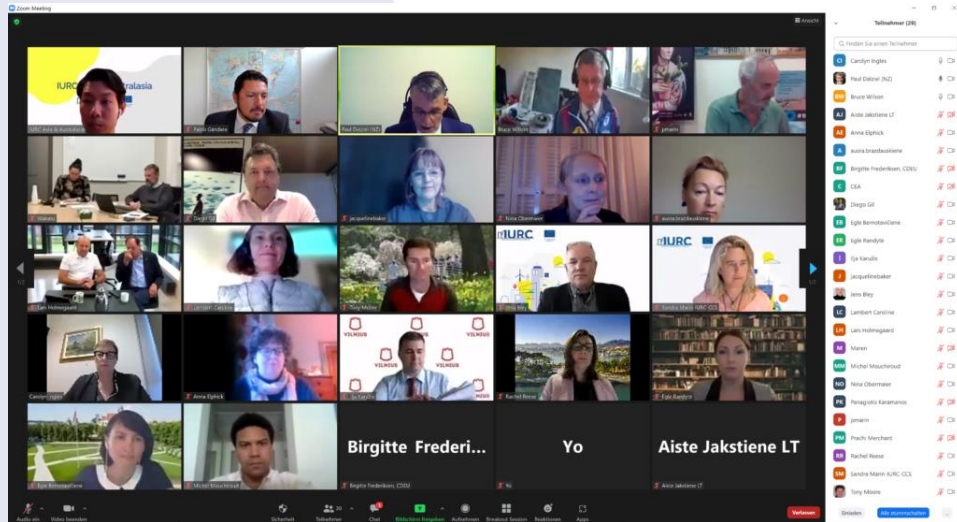
23 July
(GMT+2)
10.00-12.00
(GMT+7)
15.00-17.00
(GMT+8)
16.00-18.00
(GMT+9)
17.00-19.00

BANGKOK DESIGN WEEK 2021

#BKKDW2021
#BangkokDesignWeek



IURC Activities



IURC Asia & Australasia Reads



Working Group Meeting On Solid Waste Management (Developments And Updates) From The Indian Cities Of Gangtok, Leh And Vijayawada

Siriwat Pokrajien · September 27, 2021
2 Min Read

On 24 September 2021, the German RETech Partnership and the International Urban and Regional Cooperation programme of the European Union together organised an exclusive webinar on solid waste management in...

[READ MORE →](#)

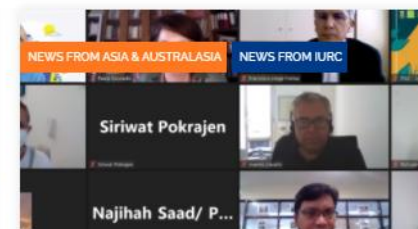


Warm Atmosphere At EU-Japan IURC Kick-Off Meeting

Siriwat Pokrajien · September 17, 2021
3 Min Read

On 16 September, the Japan Helpdesk, led by Mr. Hidefumi Imura, Urban Development Expert Japan, organised a kick-off meeting to welcome partner cities to a new phase of EU-Japan urban...

[READ MORE →](#)



Enthusiastic Participation From EU And Malaysian Cities During Kick-Off Meeting

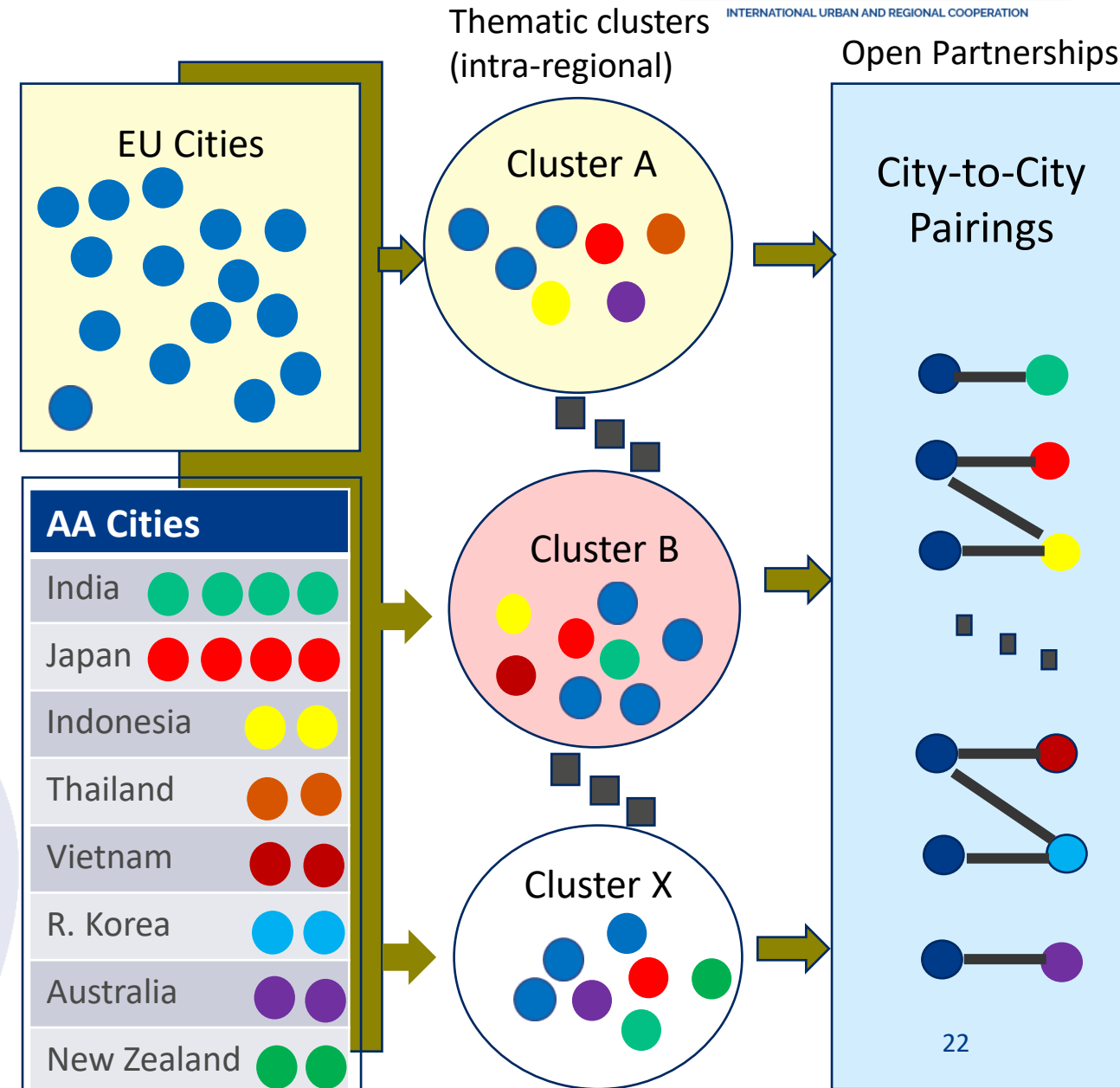
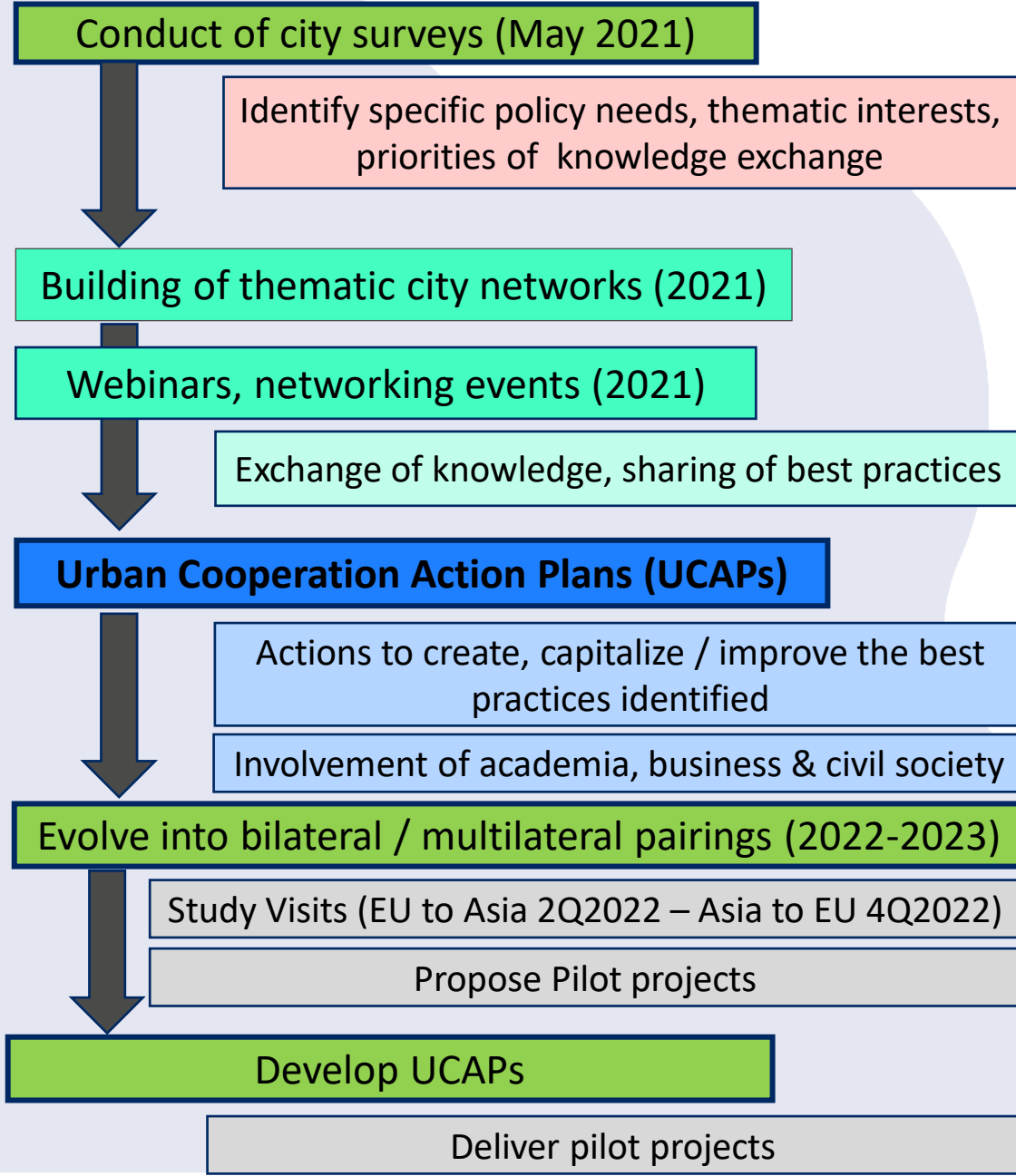
Siriwat Pokrajien · September 16, 2021
3 Min Read

Some 20 city coordinators from Penang and Malacca in Malaysia, Maia and Vila Nova de Famalicão in Portugal, and NCI / Bologna in Italy participated in the EU-Malaysia Cities Kick-off...

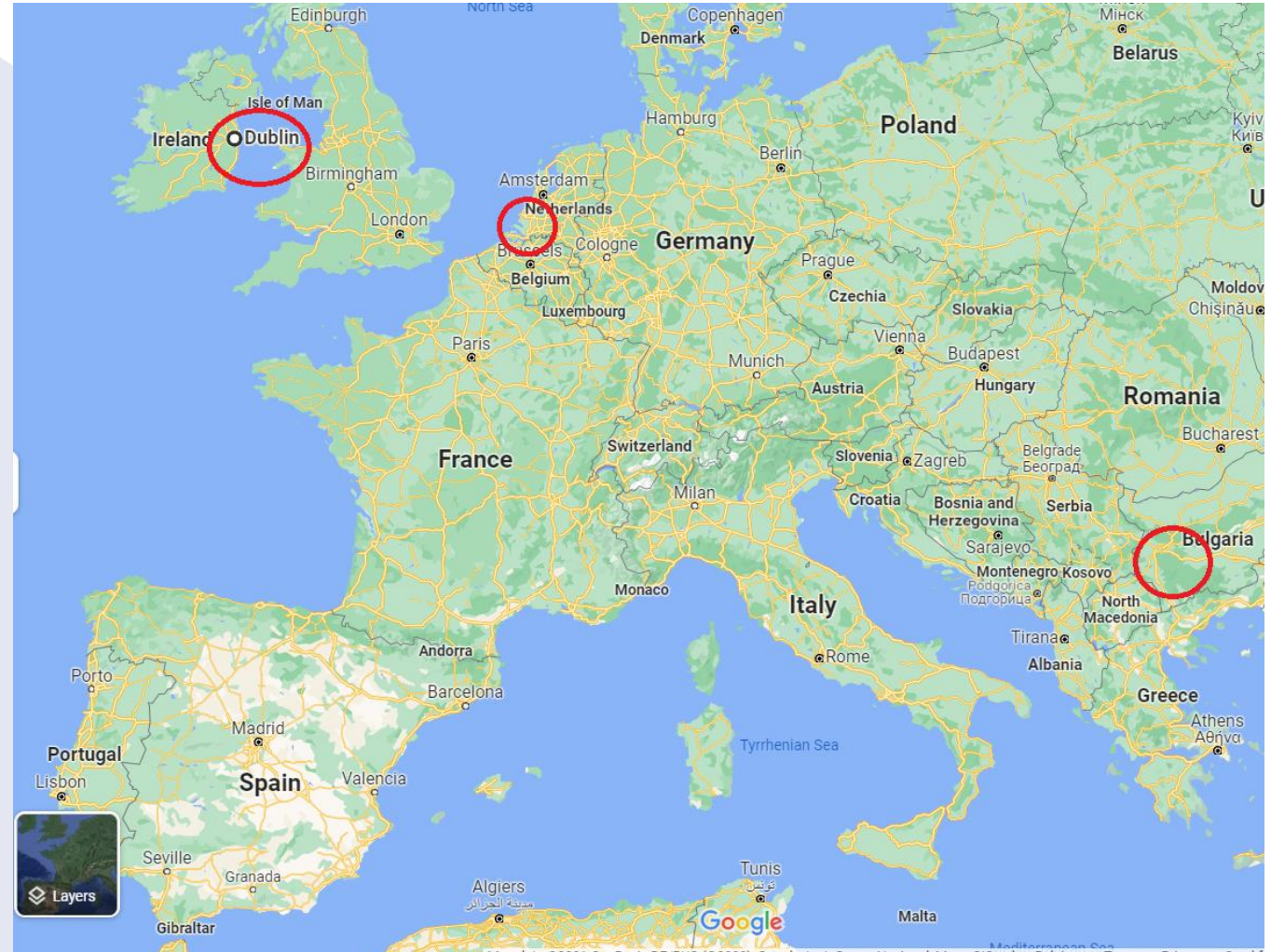
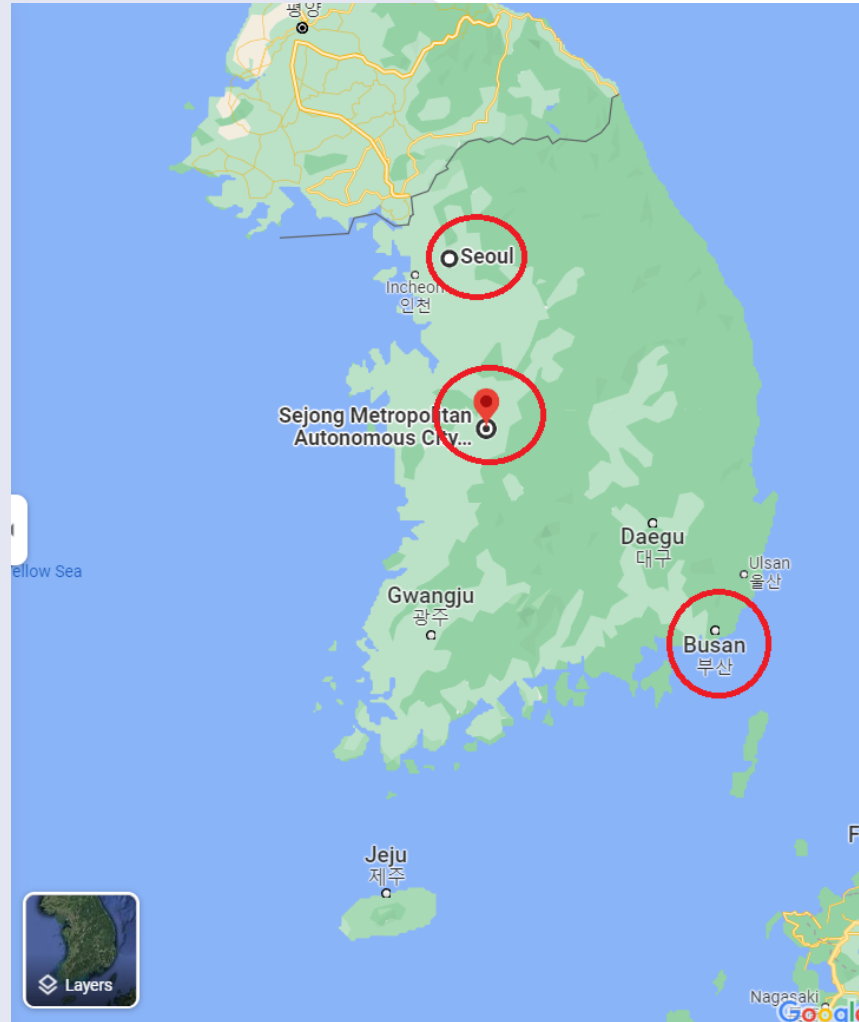
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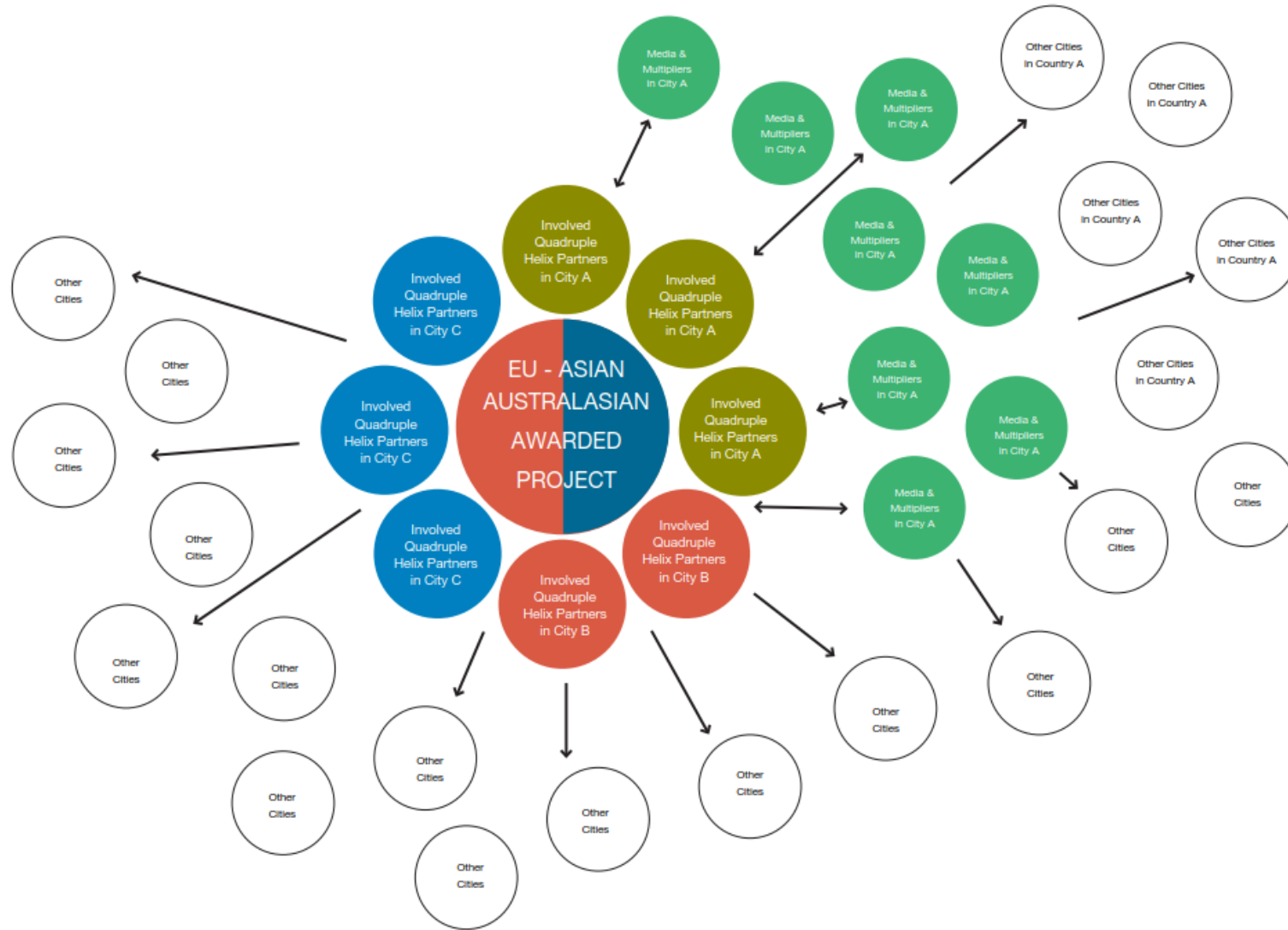
PART 2 – Comments & Next Steps

From Thematic Clusters to Pairings



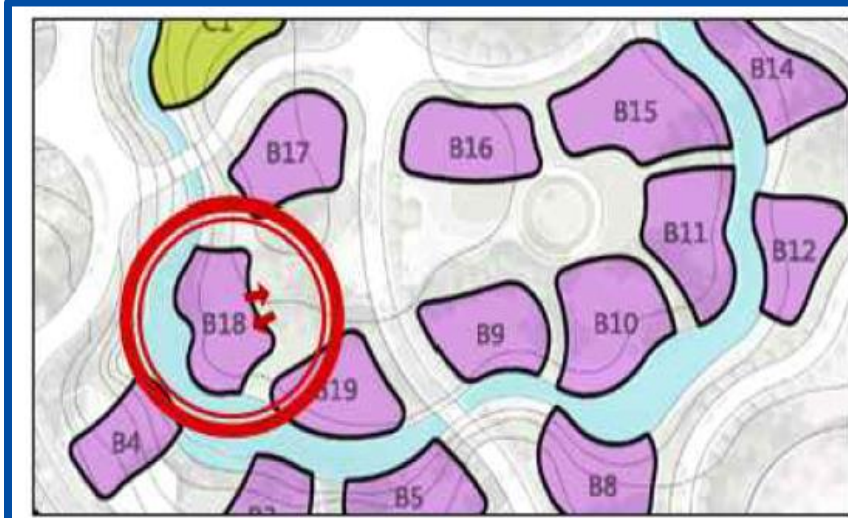
Open pairings



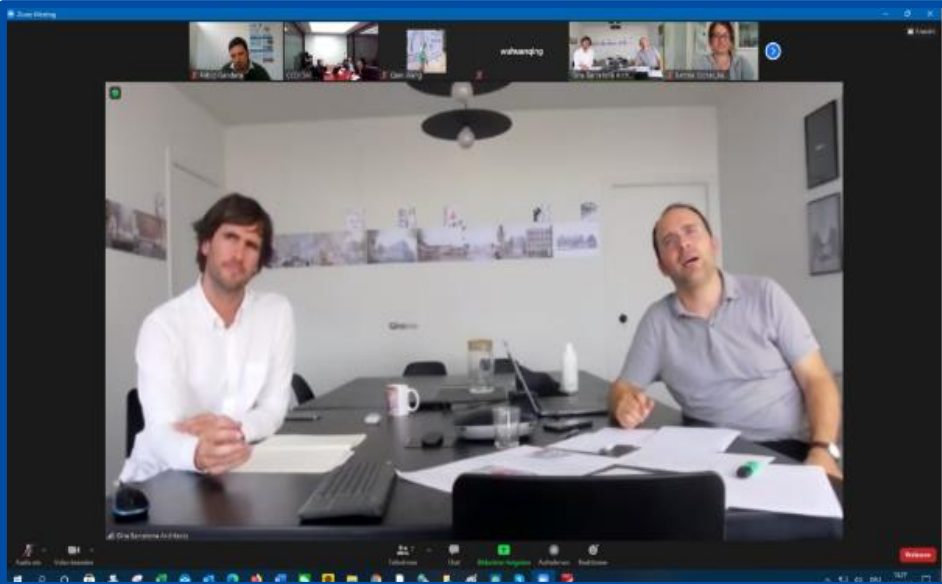


- Based on **IUC** Asia experience
- Promote city engagement for **short term actions** within the city or thematic clusters & **UCAPs**.
- Encourages cities to propose **innovative** and **sustainable** pilot projects in the short term that benefit the sustainable urban development.
- Applications must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

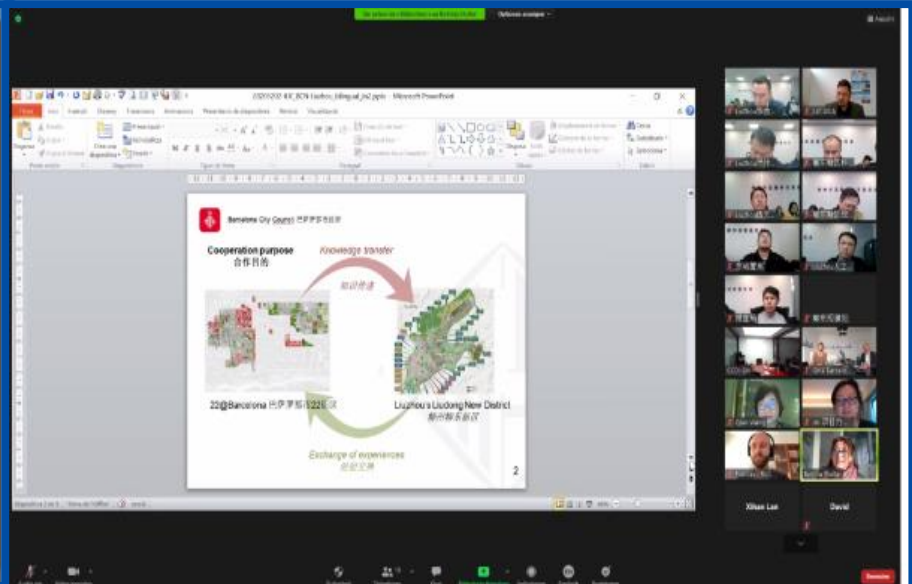
IUC Examples (1) – Joint Cities Approach Horticult. Expo




IUC Examples (2) 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 background shows a room with a white wall, a black ceiling light, and some framed pictures.



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 Usdang New District 柳州柳东新区". The slide also shows a diagram of knowledge transfer between the two cities.



A satellite map of a research area in Liuzhou. The map shows a large area of land with a blue dashed line indicating the "研究范围" (Research Area). A red dashed line indicates the "启动区" (Start Area). The map also shows a river and some surrounding buildings.



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

SAPIENZA
UNIVERSITÀ DI ROMA




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.

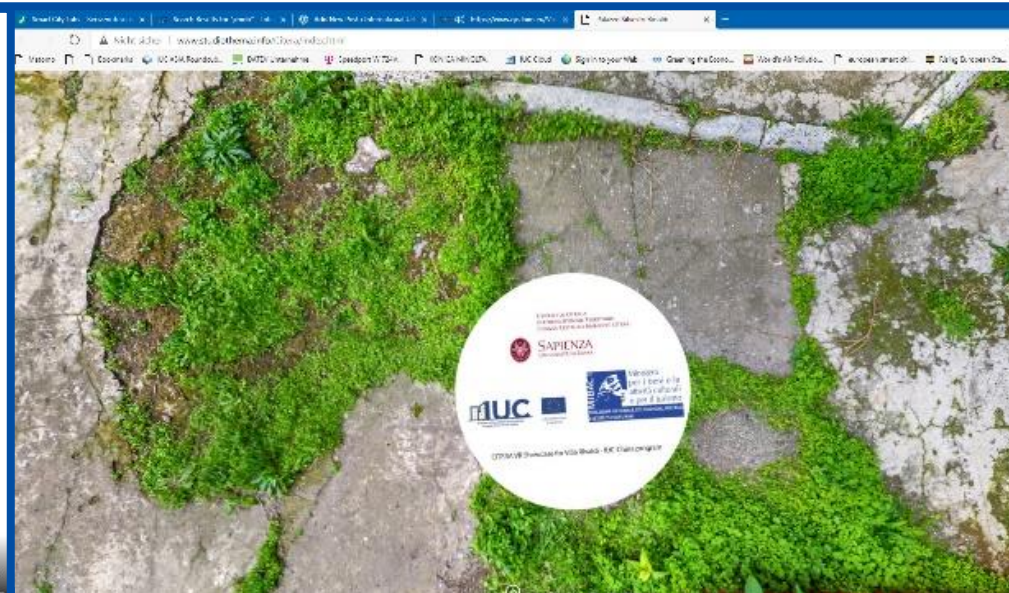
A «School Worksite» is a place where the immaterial enrichment of new discoveries is shared on the ground, with interdisciplinary scopes and approaches and with the participation of many user profiles: historians, restorers, digital designers and modelers, architects, cultural promoters, sponsors and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

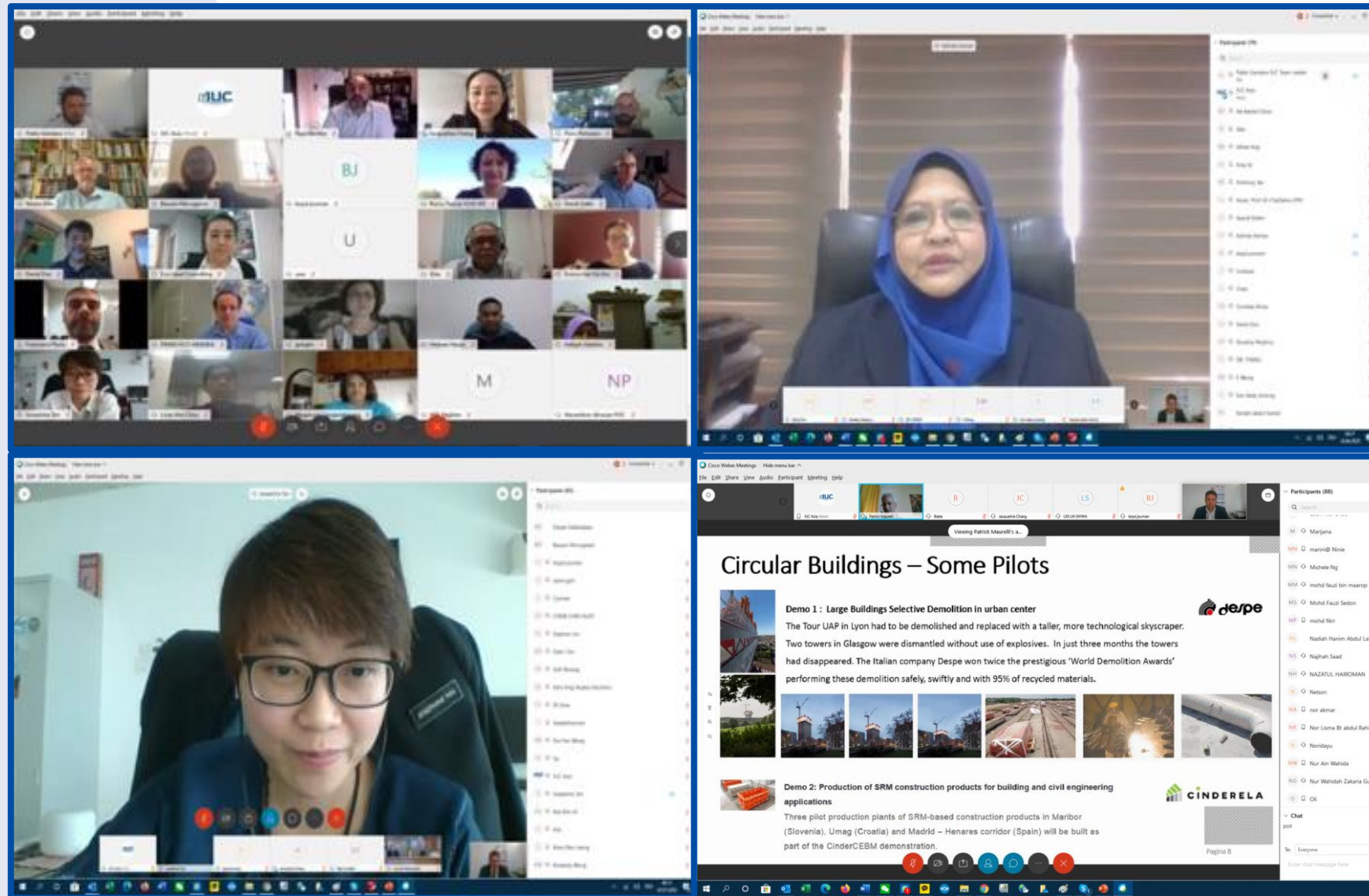
2010	2012	2015	2016	2017	2018	2019
THEORETICAL STUDY	PHANTOM TESTS	PHANTOM TESTS	CLINICAL TRIALS	CLINICAL TRIALS	CLINICAL TRIALS	CLINICAL TRIALS
		STARTUP ACADEMY Unicredit Start Lab	STARTUP ACADEMY Unicredit Start Lab	Medtec START-UP ACADEMY Future Innovation & Technology	HORIZON 2020 SME-INSTR PHASE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

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

GRX

IUC Examples (6) – Consultation / Blueprint Circular Economy



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

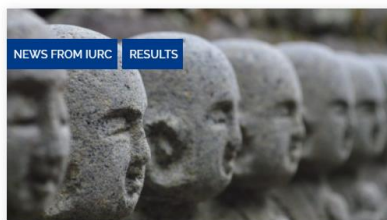


Mumbai Climate Action Plan – Stakeholder Consultation On Sustainable Mobility

👤 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

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



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

👤 Siriwat Pokrajien · 📅 August 25, 2021
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