INTERNATIONAL URBAN AND REGIONAL COOPERATION

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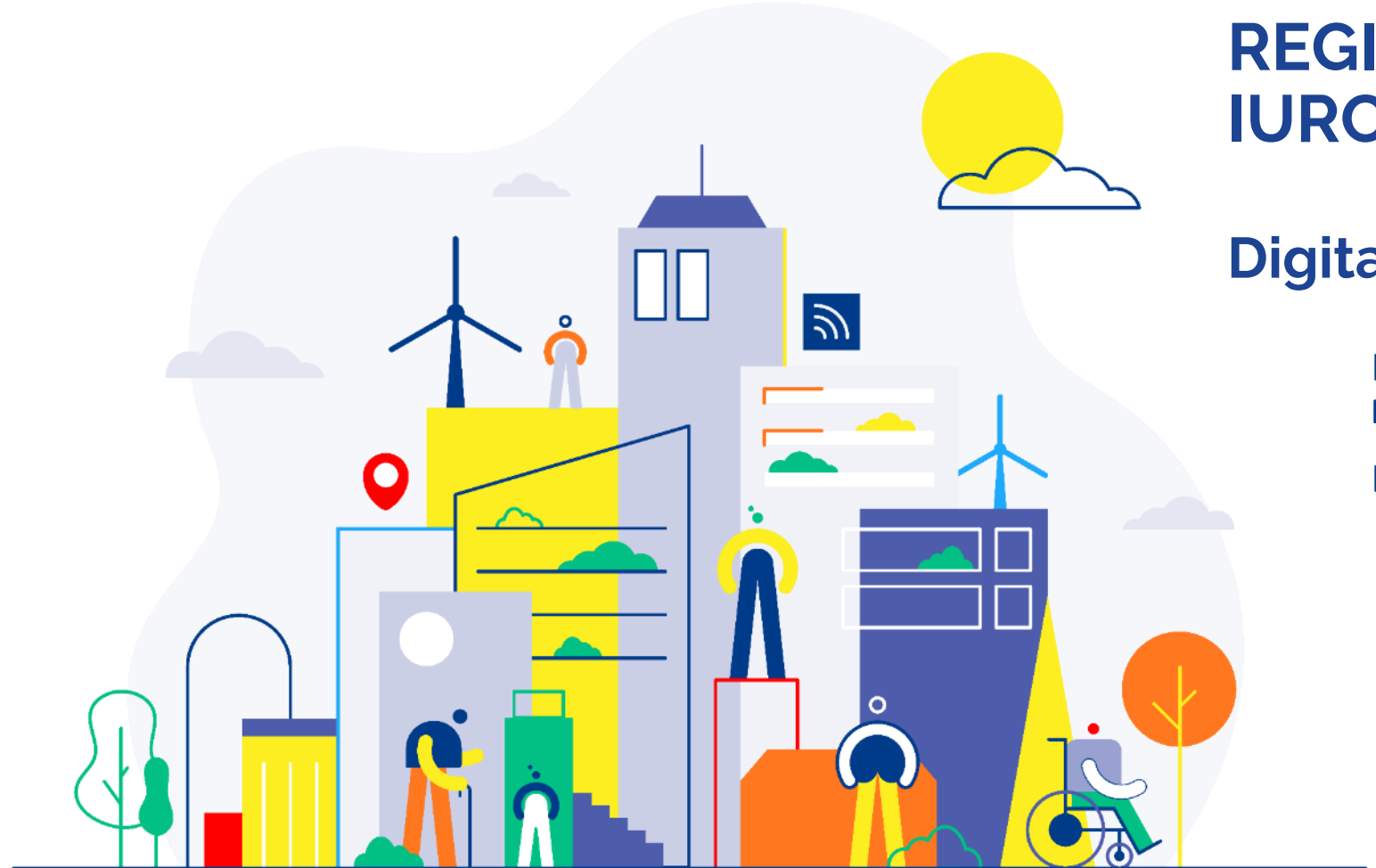

INTERNATIONAL URBAN AND REGIONAL COOPERATION IURC LATIN AMERICA

Digitalisation and Smart Cities

Presenters:
Edgardo Sara, Deputy Team Leader – IURC LA

Date: 16/12/2021

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What is IURC Latin America?

As the second phase of the International Urban Cooperation Programme (2016-2020), IURC (2021-2024) aims to lead and develop a form of decentralized international urban and regional cooperation in the fields of sustainable **urban development and innovation**. In Latin America, the project supports partnerships between EU cities and regions with counterparts in **six (6)** targeted countries: **Brazil, Colombia, Mexico, Peru, Argentina, and Chile**.

6
COUNTRIES

12
CITY PAIRINGS

10
REGIONAL PAIRINGS

City-to-City Pairings

City-to-City Pairing

BR	FORTALEZA	⟷	ESSEN	GE
	SAO PAULO	⟷	MILAN	IT
	MANAUS	⟷	NAPLES	IT
MX	HERMOSILLO	⟷	DEBRECEN	HU
	MERIDA	⟷	PARMA	IT
	GUANAJUATO	⟷	ANCONA	IT
CO	CALI	⟷	MALAGA	SP
	BARRANQUILLA	⟷	ANCI LAZIO	IT
CL	PUERTO MONTT	⟷	PIRAEUS	GR
	PUNTA ARENAS	⟷	ALMERIA	SW
PE	PIURA	⟷	ALMERIA	SP
AR	MAR DEL PLATA	⟷	GENOA	IT

City-to-City Pairing

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City-to-City Pairing

City-to-City Pairing

City-to-City Pairing

City-to-City Pairing

Region-to-Region Pairings

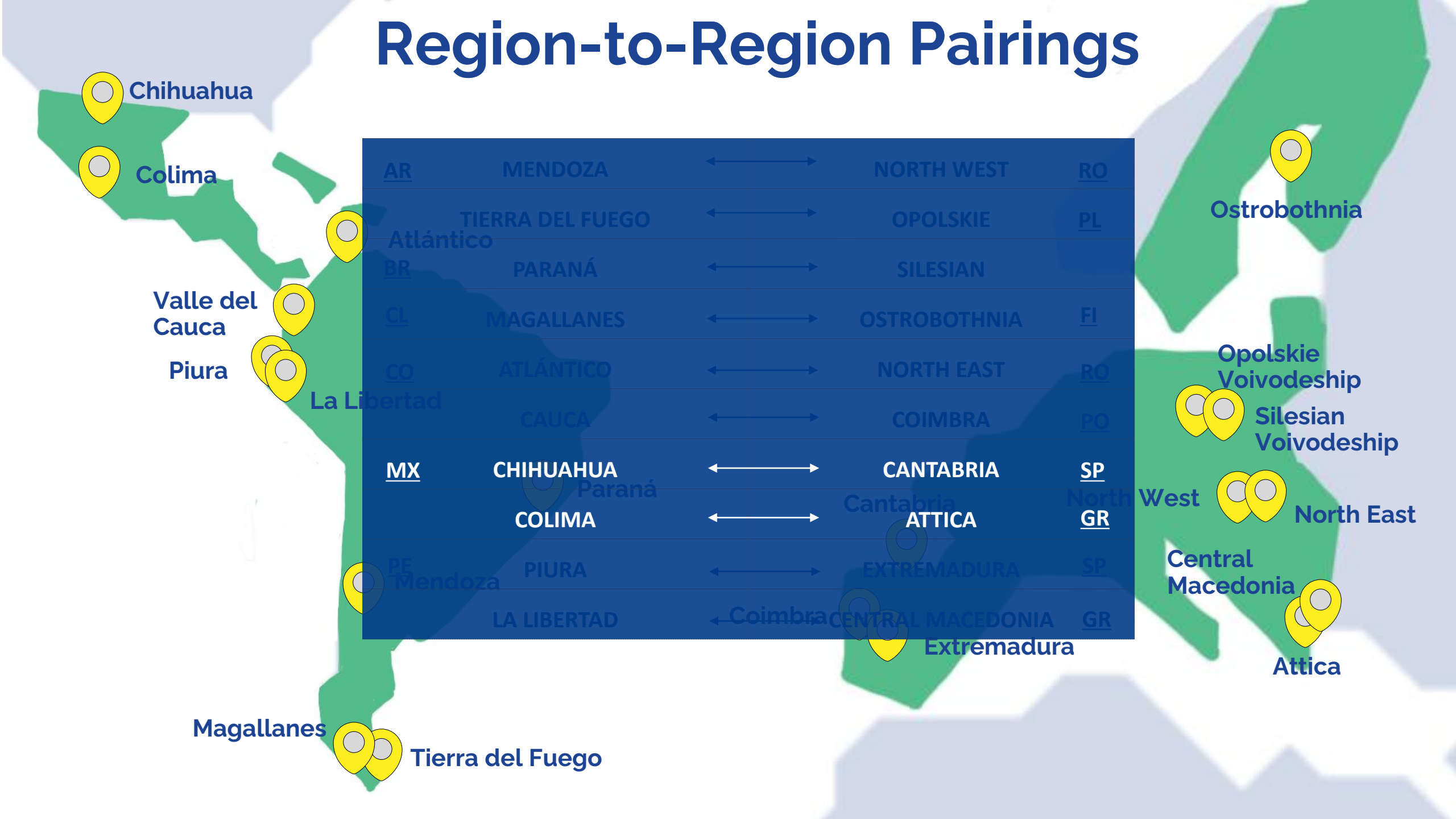
Region-to-Region Pairings

Region-to-Region Pairings

Region-to-Region Pairings

Region-to-Region Pairings

Region-to-Region Pairings



Region-to-Region Pairings

How does it support cities & regions?

The Program promotes virtual and in-person tools to facilitate **knowledge-sharing** and exchange of best practices: participation in international networking events, study visits, and webinars.

12
NETWORKING EVENTS

44
STUDY VISITS

20
THEMATIC WEBINARS

24 FOR CITIES
20 FOR REGIONS

20 Thematic Webinars

Waste management and circular economy

Transit-Oriented Development

Urban mobility

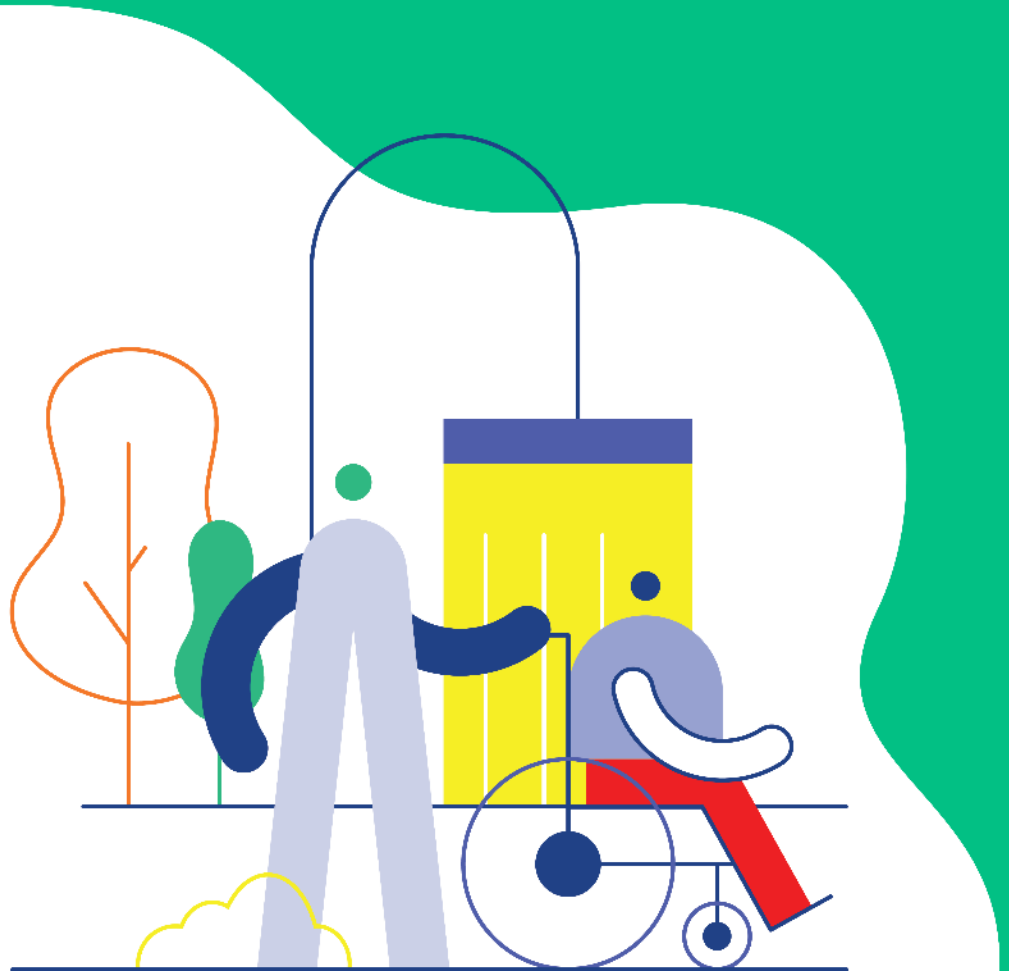
Green Finance

Smart Strategies & Digitalization

Nature-based solutions

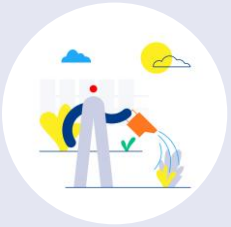
Heritage preservation

Water management



IURC LATIN AMERICA & DIGITALISATION

Thematic networks



1. **Ecological Transition and Green Deal**

2. Urban & Regional Renewal – Social Cohesion

3. Innovative, Sustainable & Carbon Neutral Ecosystems and Strategic Sectors

4. Cross-cutting challenges

- **Digital Transition and Smart City**
- Climate Change and Energy transition
- Post COVID-19 Recovery and Social Inclusion

Digitalisation and Smart Strategies

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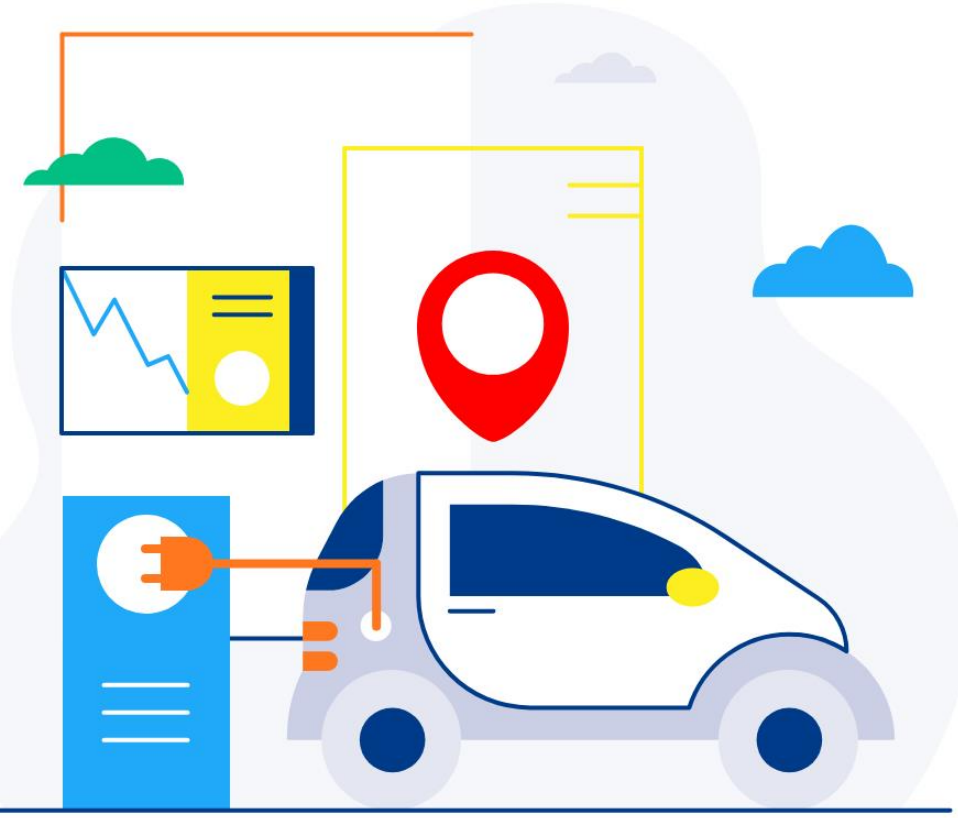
IURC cities and regions showed interest in working on digitalization and the implementation of smart strategies. These are a few examples:



Fortaleza
(Brazil)

Hermosillo
(Mexico)

Mar de Plata – Genoa
(Argentina) – (Italy)

Paraná – Silesia Voivodeship
(Brazil) – (Poland)

Atlántico – North East
(Colombia) – (Romania)

Best practices

Digitalisation for improving waste collection in Fortaleza (Brazil) / Hermosillo (Mexico).

- **Gender inclusion**: insertion of women in recycling activities, capacitation, income, etc.
- **Behaviour changes**: incentives for citizens to recycle
- **Circular economy**: re-use and re-cycle waste
- **Sustainable mobility**: promoting the use of cycling and improving cycling infrastructures

Fortaleza – E-Carroceiro

Hermosillo - Biciclando

Best practices

Digicitizen: initiatives to promote participation, knowledge sharing, and capacitation - Genoa (Italy)

Genoa - Digicitizen

Resilience and Digital Transformation Program: greater efficiency in the use of public resources and promotion of citizen participation

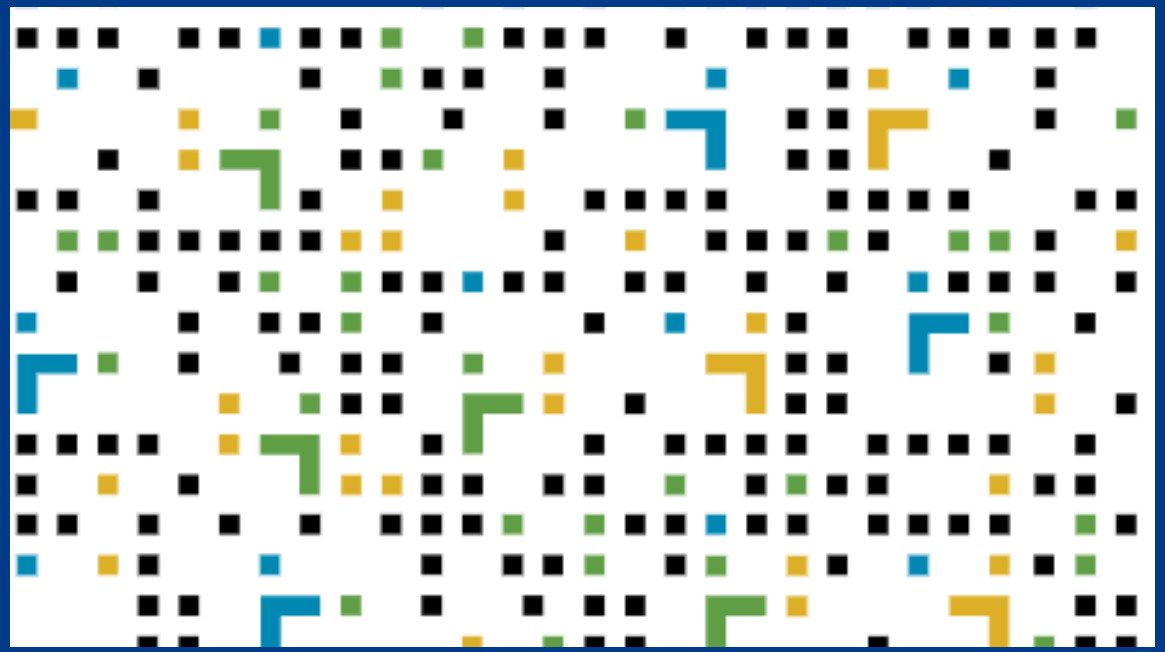
Mar del Plata – Resilience and Digital Transformation Program

Best practices

Superintendence of science, technology, and higher education:: learning from regional universities how to develop better policies and projects linked to science, innovation and technology – Paraná (Brazil)

Paraná – Superintendence of science, technology, and higher education

Smart Specialization: 15,524 ICT smart specialization companies in the region. Implementation of RIS and specialization strategies – Silesian Voivodeship (Poland)

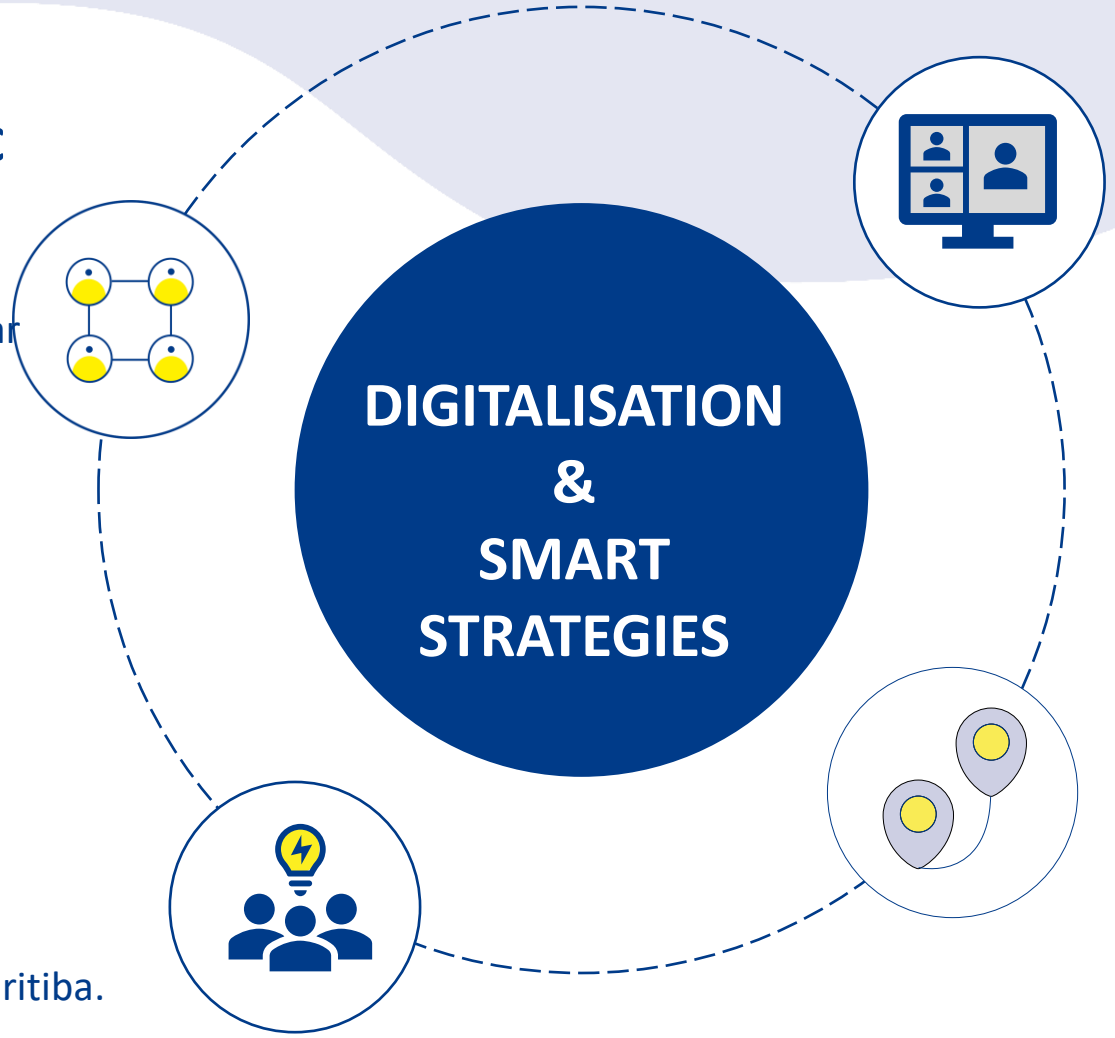


Silesian Voivodeship– Smart specialization

Next Steps

PROMOTING A THEMATIC CLUSTER ON DIGITALISATION

A group of pairings sharing similar challenges and topics of cooperation related to digitalization and that can share solutions and knowledge on similar challenges and topics of cooperation.



THEMATIC WEBINARS

in the field of digitalization, innovation, and Smart Strategies. Knowledge sharing from international experts and capacity building.

PARTICIPATION TO INTERNATIONAL EVENTS

such as the Smart City Expo in Curitiba.

CITY-TO-CITY / REGION-TO-REGION COOPERATION

in the field of digitalization, innovation, and Smart Strategies.

Thank you!

Edgardo Sara – esara@iurc.eu

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