



CITIES

**FORUM
2023**

TORINO, 16-17 MARCH

TOGETHER FOR GREEN AND JUST CITIES



Funded by
the European Union

Coming out of the European Box: International Cooperation to inspire Sustainable Urban Transformation

March 17, 2023



SPEAKERS

Xavi Tiana



Head of International Relations, **Barcelona Metropolitan Area (AMB)**



Boston & Northern Virginia (US)

Elisa Limbacher



Coordination of the Lord Mayor's Affairs, **City of Trier**



Chennai, (India)

Claudio Bordi



Urban Planner, Head of European Unit at Risorce per Roma SPA, **City of Rome**



Barranquilla, (Colombia)

Philip Näslund



Strategic Development Officer, **City of Umeå**



Kamakura, Japan



Punta Arenas (Chile)



Moderated by Sandra Marin,
IURC Central Coordination TL



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How can international cooperation inspire innovative solutions by inviting you to look at the challenge from outside the “European Box of Thinking” ?

IMPACT

Functional Areas – Quadruple Helix – EU Programme Synergies - Participation





www.menti.com

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Torino, 17 of March 2023

Partnership with Boston and Northern Virginia Regional Commission

Xavier Tiana
Head of International Relations
Barcelona Metropolitan Area

Cooperation in energy efficiency in buildings, public space, urban planning, urban mobility and housing

Challenge: Greening the metropolis

- The metropolis of Barcelona: 636 km², 3.3 million inhabitants, 36 municipalities
- Some of the most densely populated neighbourhoods in the EU
- 52% of the urban surface is considered green and blue infrastructure
- Climate change affecting the beaches (30km)
- Metropolitan government: Keep protecting and increasing green and blue infrastructure



Greening the metropolis

Solution

- Political priority
- Holistic vision: Natural parks, rivers, beaches, urban parks, Agricultural park...
- Green infrastructure key axis in the AMB New Urban Master Plan and other territorial plans
- AMB Investment Plans and ERDF projects
- Partnership with the 36 municipalities and other stakeholders



Greening the metropolis

Solution: Inspiration from IURC

- Share similar challenges and wills
- Boston and NVRC partner with civil society organisations
- Citizens and ethnic minorities involvement
- City Government structures like the Mayor's Office of Urban Mechanics in Boston or the NVRC



IURC: Opportunities for stakeholders

- IURC is a great opportunity for the AMB International Strategy 2021-2024
- AMB has shared some inspiring solutions on multilevel governance like the Low Emissions Zone Barcelona
- The work has been focused in the scope of the 3 metropolitan governments
- Agreement of the partners to promote contacts with the Universities and Research centres ecosystem
- There is room for cooperation with the private sector

IMPACT: TO BE DISCUSSED

- European and North American cities face many challenges that go beyond their administrative boundaries (air quality, housing, transport, urban planning, employment, waste and water management, security...)
- Metropolitan solutions can be more efficient than city solutions
- Promote metropolitan institutions and other supralocal cooperation schemes
- Member States and the EU should admit the metropolitan reality of their territories and provide funding for their projects (National Programmes, Cohesion Policy, Next Generation EU...)
- The EMA network: 55 European metropolitan countries, 93 million inhabitants



Thank you!

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 **AMB**  Àrea Metropolitana
de Barcelona

IURC- Coming out of the European Box:

International Cooperation to inspire Sustainable Urban Transformation

Circular Economy Campus

TRIER (Germany) - CHENNAI (India)





Initial Motivation

- Trier has a strong regional and strategic cooperation on sustainable technologies, which can serve as a basis for different concepts in both cities.
- Cities in India and Germany need show cases how to develop sustainability as quarter concepts starting with university campuses on both sides.
- Industries in India and Germany need show cases to prove their component performance as part of a system for marketing reasons.



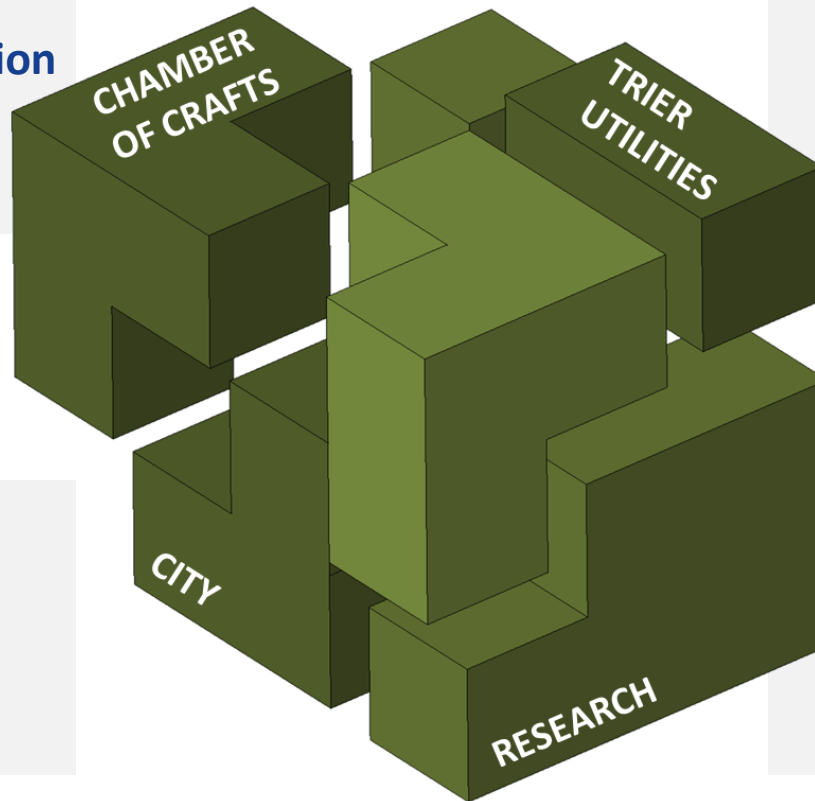
Energy and Technology Park Trier (Germany)



Environmental Campus Birkenfeld (Germany)

Regional Strategic Cooperation in Sustainable Technologies as European model to be exported to IURC partner

Outstanding and Modern **Education** with Chamber of Crafts

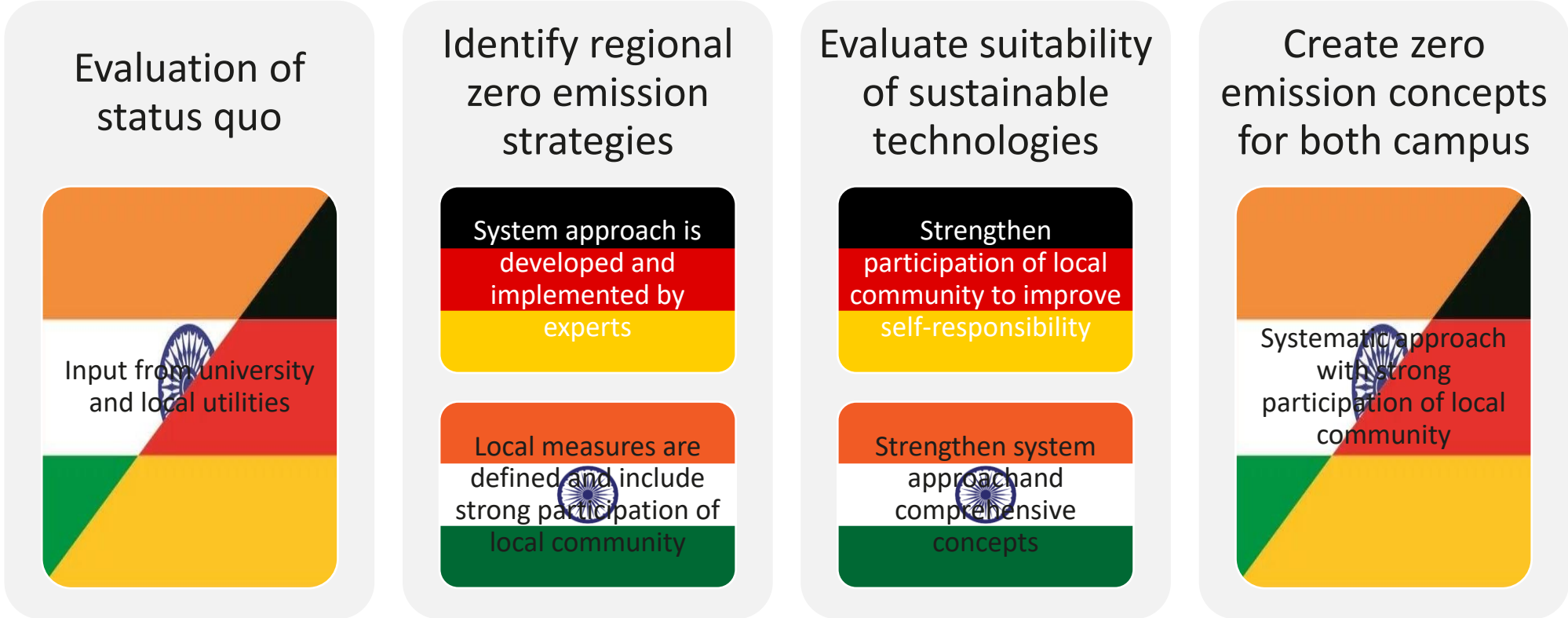


Strategic Investment in Latest Sustainable Technologies of Trier Public Utility

Continuous Optimization and **Adaptation** of all Municipal Operating Units

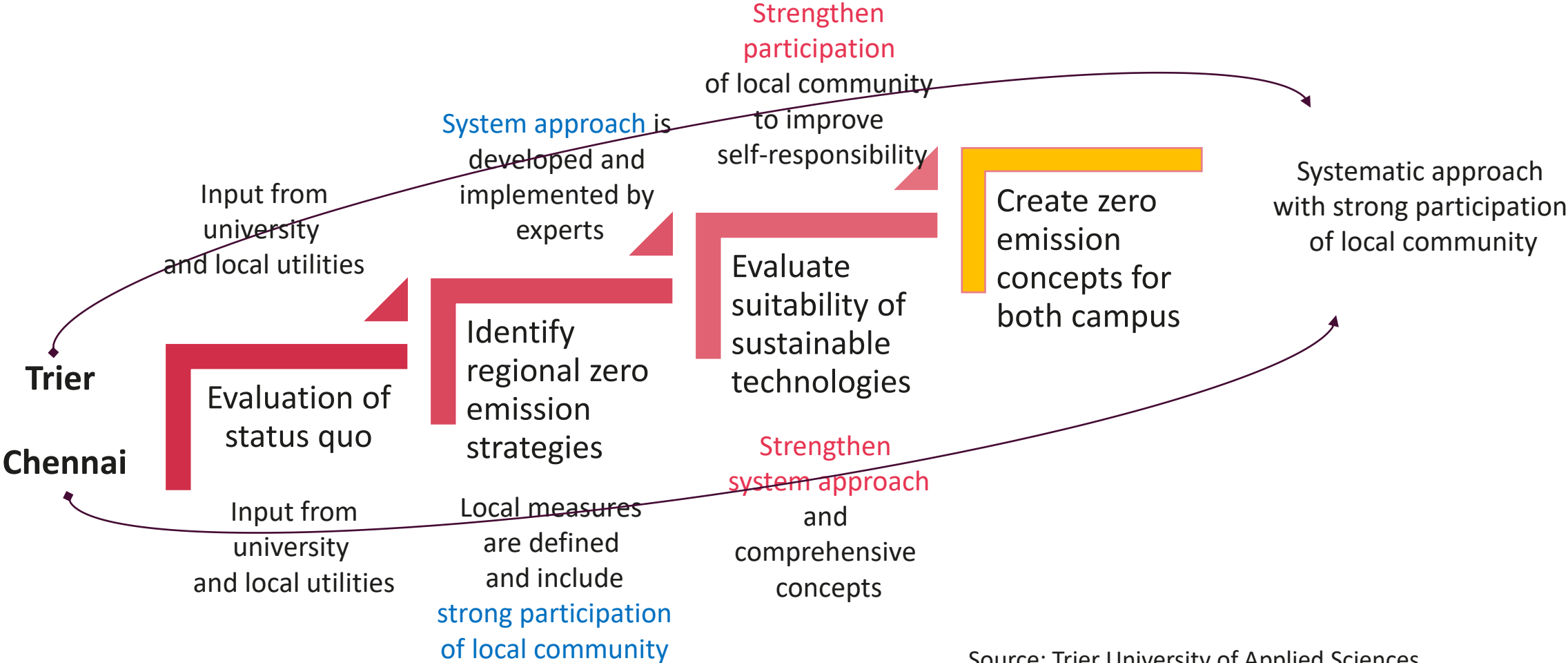
Joint **Research** and Long Term **Partnership** with Trier Univ. of Applied Sciences leads to Formation of **Innovation Hub** for Sustainable Technologies

How international cooperation of IURC partners is inspiring new innovative solutions



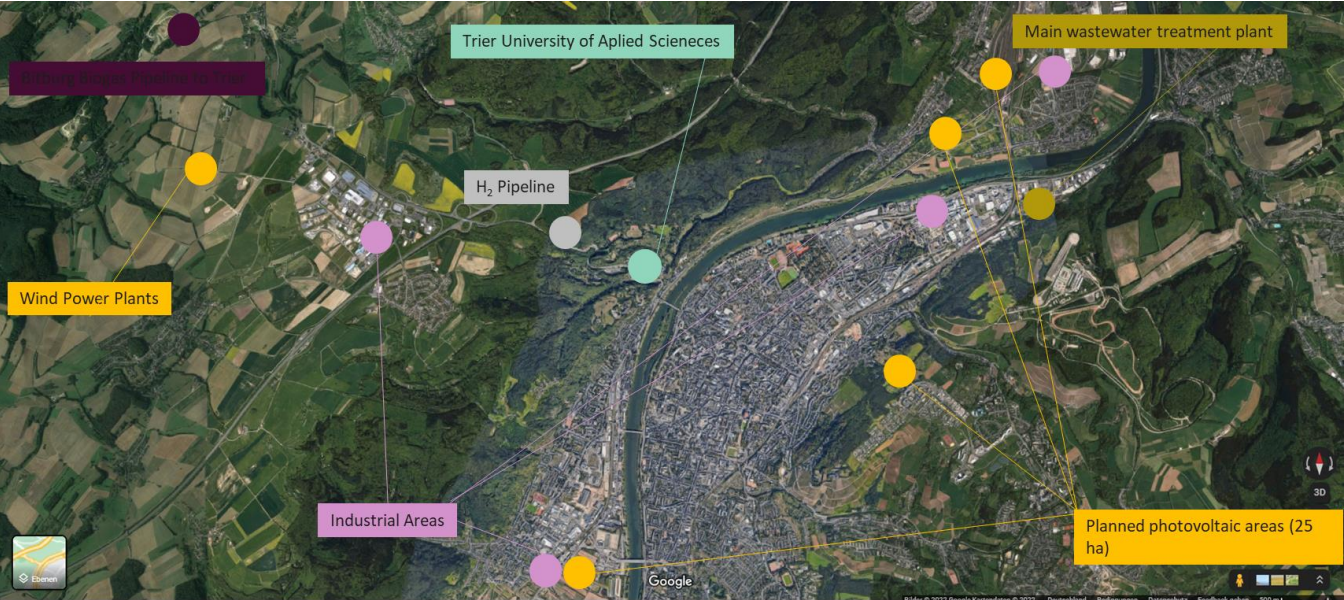
Source: Trier University of Applied Sciences

How international cooperation of IURC partners is inspiring new innovative solutions



Source: Trier University of Applied Sciences

Holistic Approach for Sustainable Technologies in Trier



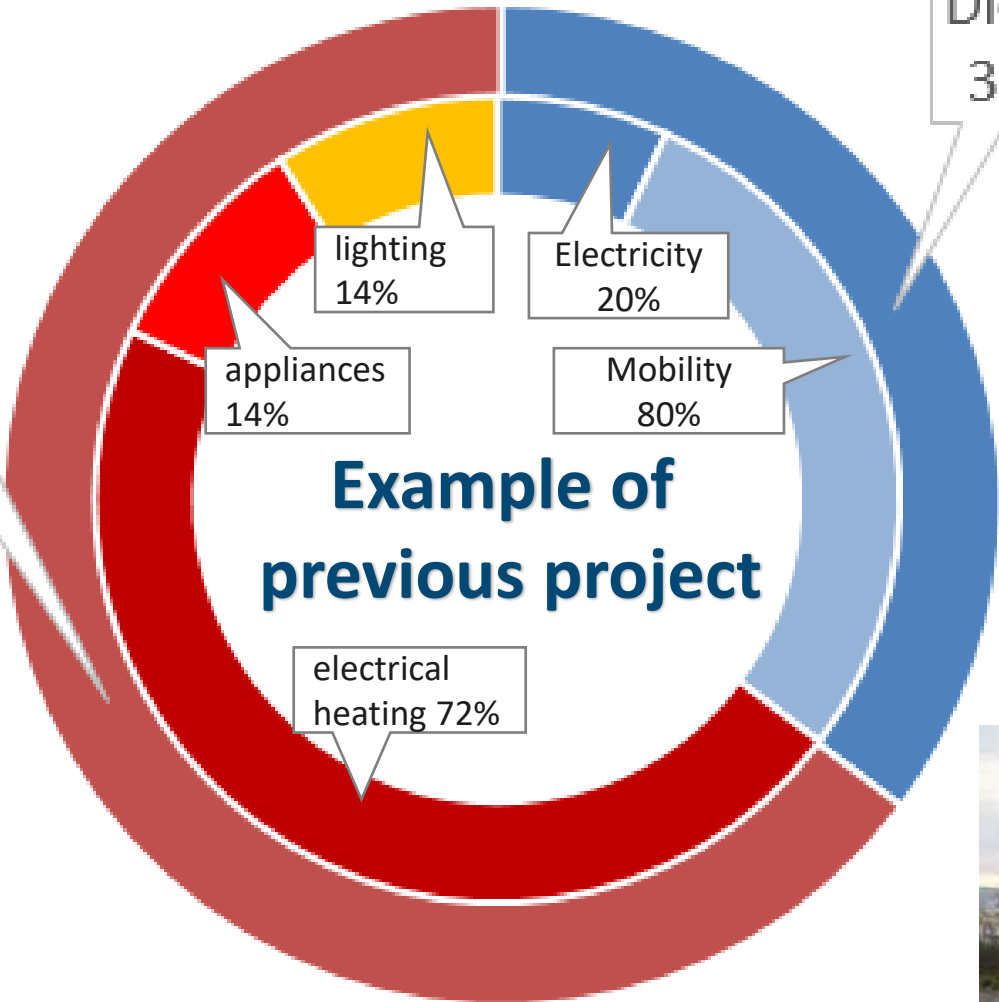
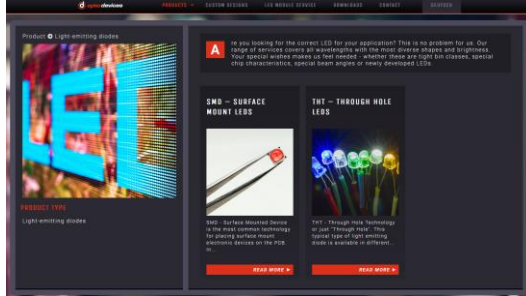
Source: Trier University of Applied Sciences and SWT

Contribution of Private Sectors and Technology Partners to developing and implementing Solutions

Energy Generation



Innovative Products



Solution for Traffic, Infrastructure and Maintenance



Installation and Operational Safety



THANK YOU.

ANCI LAZIO & ROME, ITALY – BARRANQUILLA, COLOMBIA
MALAGA, SPAIN – SANTIAGO DE CALI, COLOMBIA

Main thematic areas of cooperation 2022 - 2023

Urban regeneration- Sustainable Agriculture - food systems- urban gardens
Urban Poverty - deprived neighbourhoods – housing - social cohesion

*Claudio Bordi, Head of European Unit,
Risorse per Roma, Municipal agency of the City of Rome*



17/03/2023

COMING OUT WHICH STARTED IN 2013 *Why?*

 **THE EUROPEAN
GREEN WAVE IN ROME**



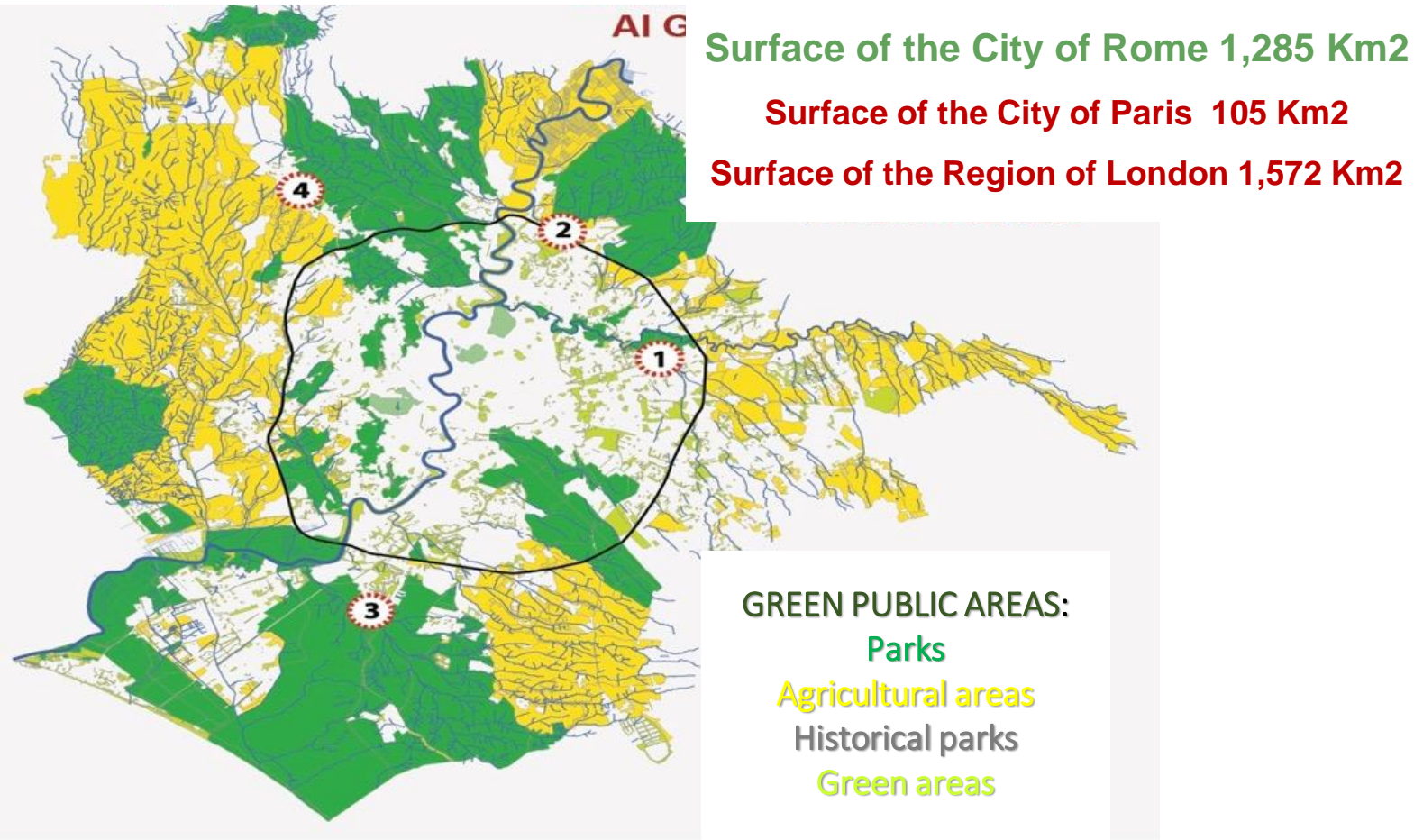
*Rome, being **proud** of its
active citizenship,*

started to show it

*and to connect tens of local
communities and cultures
across the world, with the aim
of making cities more
sustainable...*

CHALLENGES

**ROME, a huge territory, difficult to manage:
it is almost as large as the region of London
but with a centralized administrative system**



Almost 50% of the territory of Rome Municipality is agriculture area

58,000 hectares

its agricultural landscape is immersed in a network of archaeological sites, monuments, villas and farmhouses

green areas: 86,000 hectares
67% of the total area

PROBLEMS or SOLUTIONS?

ASSOCIATIONS of CITIZENS in Rome used to spontaneously occupy green public spaces, mostly abandoned, to use them as **community urban gardens**...This **process** increased very intensely since the **financial crisis in 2008**...in the eyes of the local government this was a **problem hard to handle**...

... but it was a **bottom-up process** and a solution for the management of such a large territory of Rome, because **community urban gardens** have become a **concrete and strong tool to fight against urban sprawl, soil erosion and climate change besides to be a multifunctional tool to produce quality food and increase social inclusion**...

The City of Rome started to see it as a solution since 2013 through SidigMED, a EU funded project under ENPI CBC MED involving Rome, Barcelona, Mahdia and the Royal Botanic Garden of Jordan: **community urban gardens** were implemented according to a Regulation of urban gardens approved by the City Council in 2015

SOLUTIONS IMPLEMENTED & INNOVATIVE SOLUTIONS TOWARDS THE EU GREEN DEAL

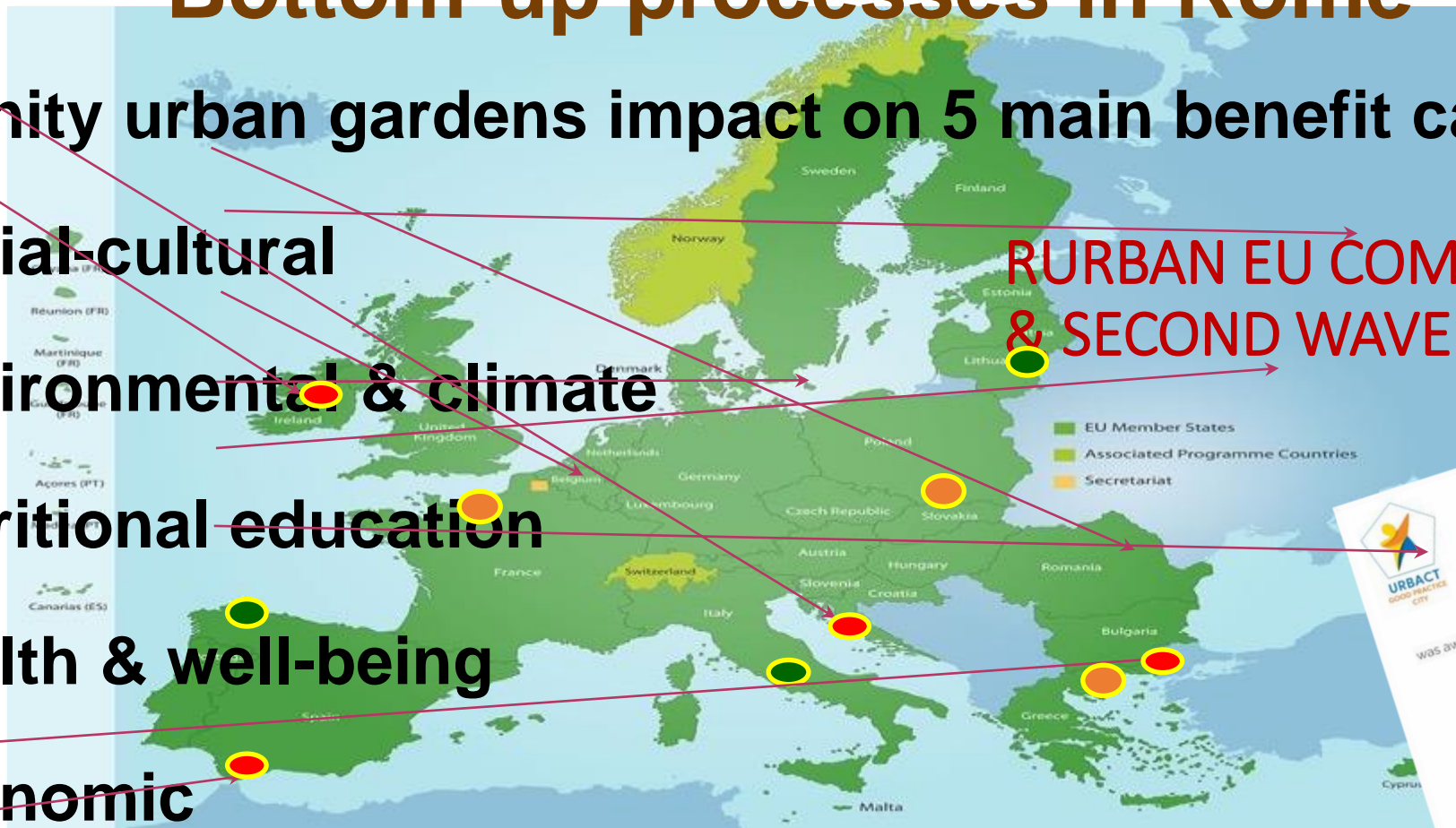


Bottom-up processes in Rome

Community urban gardens impact on 5 main benefit categories:

1. **Social-cultural**
2. **Environmental & climate**
3. **Nutritional education**
4. **Health & well-being**
5. **Economic**

RURBAN EU COMMUNITY FIRST & SECOND WAVE



OPPORTUNITIES FOR STAKEHOLDERS



Urban Local Groups are a key component of the URBACT method to associate local administrators, beneficiaries/users (gardeners), NGOs, academics, the private sector, civil society, citizens to share common strategies to reach the green and digital transition

...FROM A EUROPEAN PHENOMENON TO A GLOBAL PHENOMENON...





COVID 19 emergency

The requests of the citizens in Rome interested in cultivating urban gardens have increased by about **50%**. This trend began to occur during the lockdown, when, although with restrictions, citizens were allowed to continue to cultivate

The pandemic challenge urged a solution for healthy nutrition and self-sufficiency policies for many cities. This is one of the reasons why **the city of Barranquilla** was strongly interested in implementing urban gardens **during the IUC experience in 2020**, following the **RU:R BAN** Transfer Story



MAIN IMPACT: COMPLEMENTARITIES AND SYNERGIES THROUGH EU FUNDED PROJECTS SINCE 2013



EFUA objective: urban agriculture to be included within the most strategic EU policy, the Common Agriculture Policy

Fostering the Urban **food** System transformation through Innovative Living Labs Implementation

The City of Rome aims to connect the community urban gardens to the school public canteens



THANK YOU!



INCLUSION AND CREATIVITY

Philip Näslund
Strategic Development Officer
City of Umeå, Sweden

Umeå



Kamakura

Punta Arenas



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Challenging power, identity and norms is just as important as introducing new technology to reach climate neutrality

Creativity for sustainability



Fablabs.io



Encourage – Trust – Co-create

What we discovered...

A citizen community to make
Kamakura a better place to live in

- A vibrant community
- Unconventional partnerships
- Climate solutions and a sustainable lifestyle



LIVE SESSION **FESTIVAL** **COMMUNITY**

UMECOM LIVE SESSION 2022

23 februari, *Digitalt*
30 mars, *Folkets Hus*
27 april, *Folkets Hus*
17 maj, *Great Hub*
27 augusti, *Festival i Broparken*

28 september, *Klossen*
26 oktober, *A working lab*
30 november, *ej bestämt*
14 december, *Revolt*
Återbruksgalleria



UMECOM: How Umeå build mandate and will to act



Learnings so far

- Long-term commitment
- Get started, adapt as you go!
- Facilitate and support
- Work with the local ecosystem
- Value TIME
- Finance implementation

NET
ZERO
CITIES



LEAVE
NO ONE
BEHIND





THANK YOU!

