

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**

Perspectives of Cooperation (Pilots)

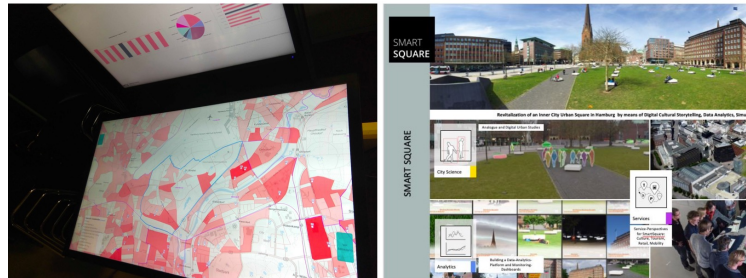
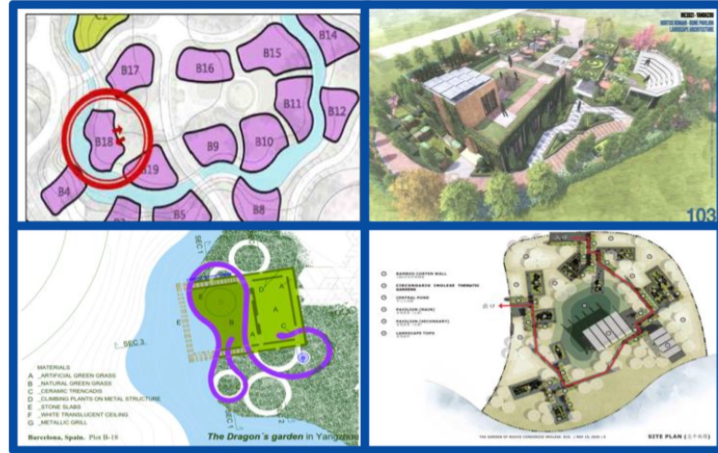
- **Thematic**
 - Circular Economy
 - Nature-based solutions
 - Tourism / Cultural (Resilient Cultural Heritage)
 - Education & Skills
 - Smart City (cross-sectional)
 - Energy / Energy-Efficiency / Solar Potential
 - Urban Mobility
 - Public Spaces
- **Stakeholder-oriented / utilize intrinsic motivation**
 - Academic Institutions
 - Municipalities and/or State Agencies
 - Business Clusters and/or Businesses
 - Urban Designers and/or Architectural Networks/Partnerships
- **Frameworks**
 - EU Green Deal (8 Thematic Areas, 2 Cross-Sectional Areas)
 - New European Bauhaus (bridges Green Deal with Culture & Arts): Sustainability, Inclusiveness, Aesthetics

Perspectives of Cooperation (Pilots)

- **Methodology / Processes:**
 - Urban Data
 - Urban Data Visualization and Simulation
 - Tools and solutions for planning, visualization and simulation
 - Digital Twins
 - Knowledge Exchange: academic (summer schools), cross-sectoral (including business clusters)
 - Stakeholder Engagement (Quadruple Helix) / Citizens Engagement / Co-Design - Co-Creation
 - Experimentation: urban testbeds, urban living labs
 - Evaluation
- **Goal/Institution-oriented: sustainable cooperation structures**
 - Joint Research Center for Green and Urban Design
 - Joint Lab for Digital Twins, BIM/GIS, ...
 - Joint Business Cluster Agreements
 - Joint Chapters with the Chambers of Commerce (circular economy, nature-based solutions, smart city, urban data solutions,...)
 - Joint Urban Testbed for Joint Experimentation or Connected Local Urban Testbeds for Joint Exchange, Monitoring, Solutions
 - Joint or Reciprocal Expo Participations
- **Indicators**
 - Manageable (Time, Effort, Partners)
 - Stakeholders with intrinsic motivation (and ideally means)
 - High probability of sustainable financing and/or access to financing mechanisms

Examples of Cooperation

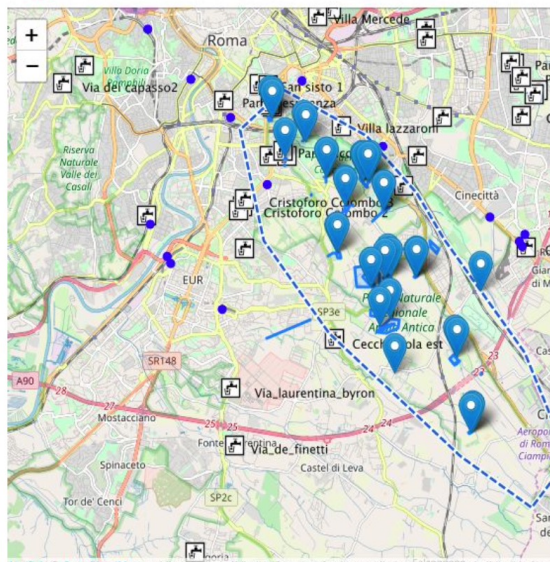
EU Cities Garden Pavilions under Construction in Yangzhou



Providing reliable data for traffic improvements + VR experiences for citizens



SMARTICIPATE Topics > Partecipa agli orti ...



Melaka Interventions 1 & 2: Mobility Focused

The Global Future Cities Programme will deliver two interventions at Melaka:

1. Green Bus Network and Green Transport Masterplan
2. Heritage Area Integrated Mobility Plan

The interventions will seek to:

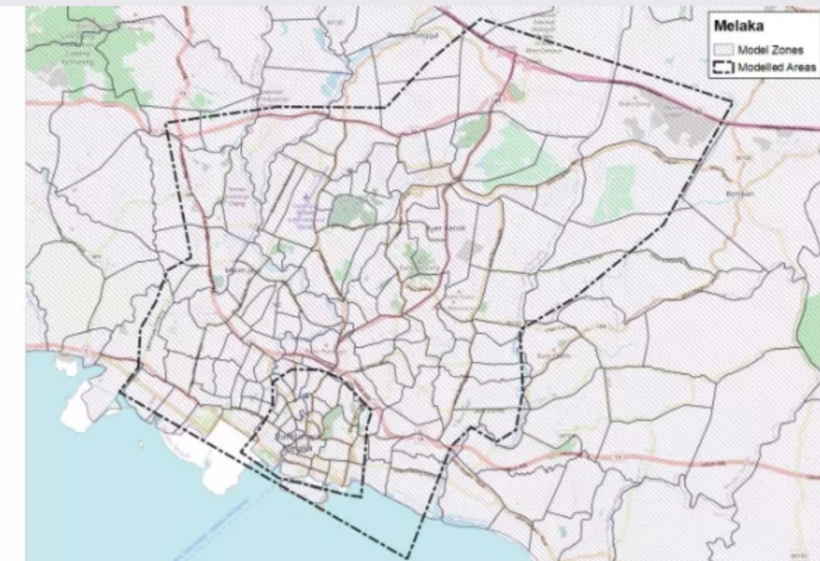
- Improve public and non-motorised transport provisions
- Create behavioural change among residents and tourists

The interventions will be:

- Smart (using the latest technology)
- Integrated
- Evidence based



Transport modelling data
Macro and Meso scale model
Source: MM



Sample Resources

**LIVING LAB HANDBOOK
FOR URBAN LIVING
LABS DEVELOPING
NATURE-BASED
SOLUTIONS**



UNaLAB
URBAN NATURE LABS



Co-creating Climate Smart Cities: A Practical Guide

Developing digital solutions for and with citizens



RUGGEDISED

Designing smart, resilient cities for all



ORGANICITY PLAYBOOK

How to launch Experimentation as a Service in your city

A guide to SynchroniCity

A universal approach to developing, procuring and deploying IoT- and AI-enabled services.





A European Union
Programme



Question and Answers from EU and Malaysian Cities Coordinators