[SPACE MATTERS]:
How to develop a common methodology for CityLabs

Exploratory Research Activity

Community of Practice on Cities – Plenary Meeting
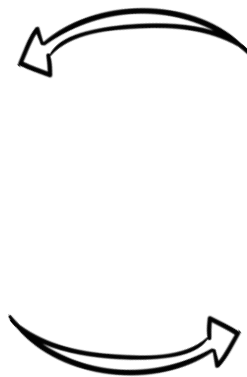
28 April 2022 14h00 – 15h30

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THE ERA ON CITYLABS

CityLabs

European Commission

From where it started:

The JRC conducts impressive **territorial** studies at the European and regional scale

What about the **urban** scale? By zooming-in we could understand the effective impacts of policies, and we can obtain new data for trans-scalar learning…

We should make use of the existing CityLabs and rethink its entire methodology to be adapted to different cities and different topics!

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WHAT IS A CITYLABS

CityLabs

A CityLab is a participatory format where the JRC works closely with a specific European city to collectively gather urban data and assess policies impacts through a process of spatialisation.
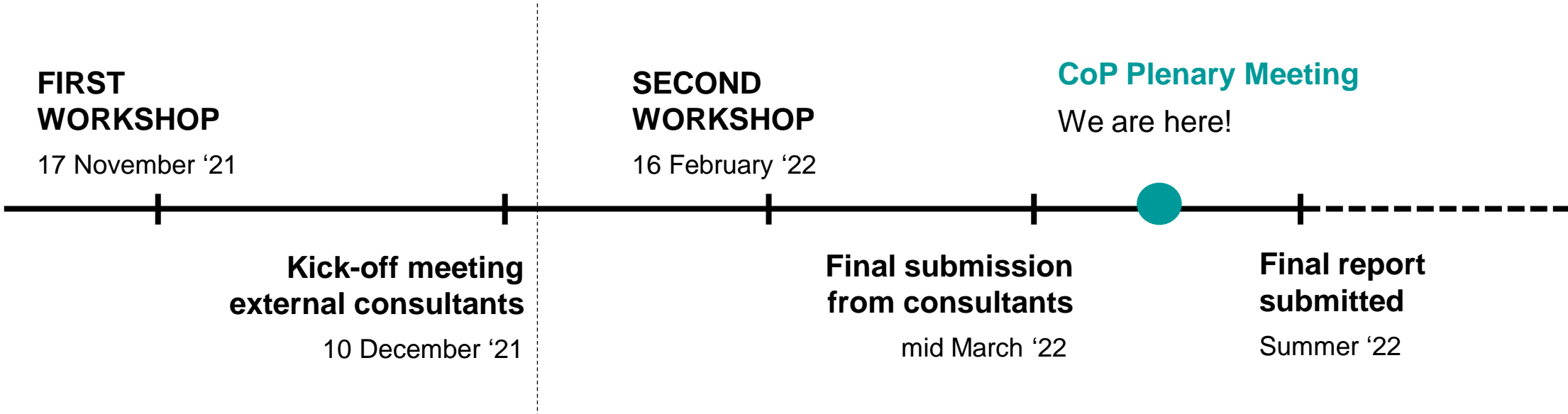
The study of a **path tendency** in different cities

A way to scientifically learn from the small scale to **create impact at the bigger European** one
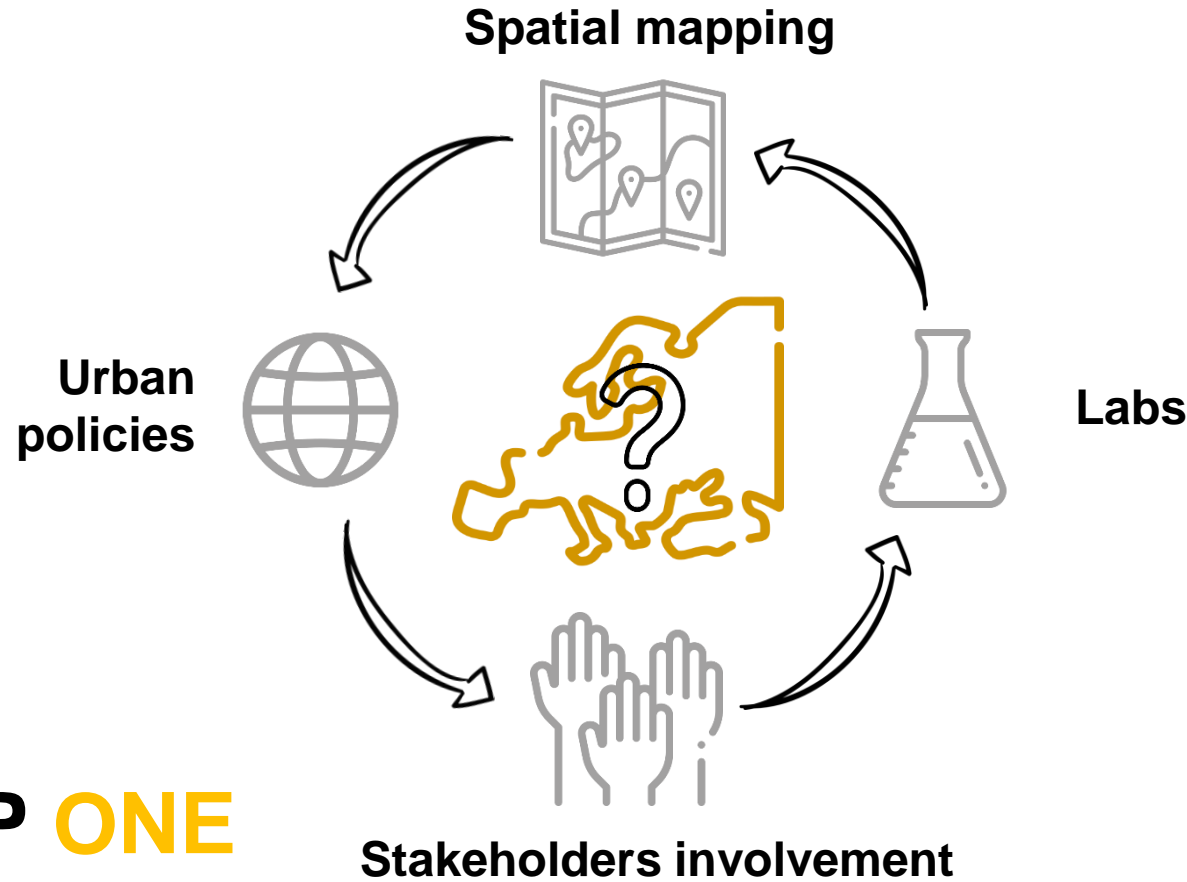
A support for **decision making**

CityLabs

European Commission

The ERA consists of:

☐ 2 workshops (November '21 + February '22)

☐ one final report

FIRST WORKSHOP
17 November '21

SECOND WORKSHOP
16 February '22

CoP Plenary Meeting
We are here!

Kick-off meeting external consultants
10 December '21

Final submission from consultants
mid March '22

Final report submitted
Summer '22

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Spatial mapping

Urban policies

Labs

Stakeholders involvement

CityLabs

European Commission

WORKSHOP **TWO**

Which is the state of the art at a **world level** in such topics?

WORKSHOP **ONE**

Which is the state of the art internal to the **European Commission** on such topics?

UN⊕HABITAT

Massachusetts Institute of Technology

European Urban Knowledge Network

METABOLIC

Urban Ecology Research Lab

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POOL OF EXPERTS AND THEIR EXPERTISE
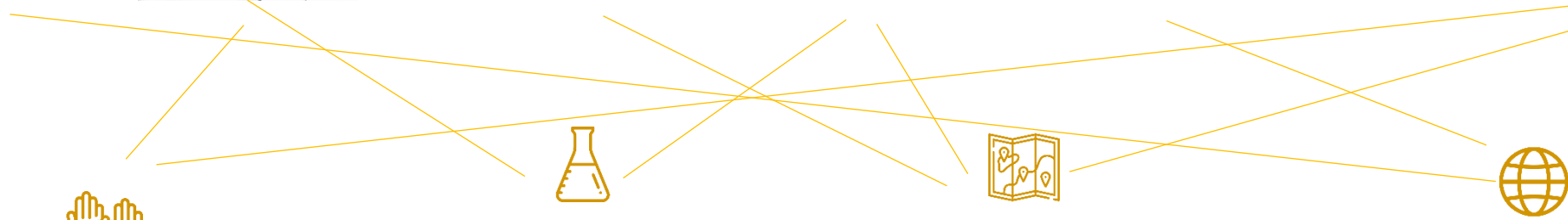
Stakeholders' involvement

| Stakeholders' participation |
| Co-definition of topics and innovative outcomes |

Labs methodologies

| Experimental workshop techniques |
| Previous workshops analysis and description |
| From strategy to project. Political and economic limits in urban design |

Data analysis and visualisation

| Data collection/transfer |
| Data combination and scenarios assessment |
| Data trans-scalarity |
| Innovative methods of communication and sharing of results |

Urban policy cycle

| Collection of existing urban policies/regulations |
| Qualitative and quantitative data integration for a policy re-formulation |
| Urban analysis translation to inform urban policies |
| Trans-scalarity in urban policy |

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PARTICIPATORY PROCESS FOR URBAN INCLUSION

Eleni Katrini

AIMING FOR INCLUSION

DEFINE THE SCALE OF INVESTIGATION

EXPANDING KNOWLEDGE TO A WIDER AUDIENCE

- Who are the key stakeholders?

- which scale is a dive deep enough

- How do knowledge & data become accessible to different audiences?

MAPPING DYNAMICS IN CITIES

Frenzi Ritter

Gerard Roemers

PARTICIPATORY STAKEHOLDER MAPPING

CONVENING STAKEHOLDERS

- Holistic stakeholder maps are crucial to further prioritize whom to engage

- Find the best way to keep stakeholders engaged

Stakeholders' involvement

Labs methodologies

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DATA, SPACE AND
SCIENCE STORYTELLING

Fábio Duarte

SENSOR, DATA AND VISUAL STORYTELLING

DATA VISUALISATION AND STORYTELLING

LABS METHODOLOGIES

- Data visualisation is a powerful method that combines the precision of scientific knowledge with the engagement of storytelling.

MAKING
SPACE MATTER

Luis Angel Flores-Hernandez

WHY SPACE MATTERS

LEARNING FROM THE GROUND

- Space is not just an entity to analyse, but a medium to intervene, transform and instigate change

Data analysis and visualisations

MAPPING DYNAMICS IN CITIES

Frenzi Ritter

Gerard Roemers

THE SPATIAL DIMENSION OF COMPLEX URBAN DATA

- Cities are highly complex systems that are often conceptualized as multi-layered environments

MULTIDIMENSIONAL DATA AND
INTER-SCALAR LEARNING

Marina Alberti

MULTI-SCALAR SYNTHESIS AND LEARNING

- A CityLab's multiscalar approach will allow to map the transboundary flows that define the local-regional interdependencies

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URBAN POLICY IN EUROPE - FOUNDATIONS, DEVELOPMENT AND OPPORTUNITIES

Lea Scheurer

THE URBAN DIMENSION OF EU POLICIES

RECENT URBAN POLICY MILESTONES

MAKING SCIENCE FOR POLICY WORK

- One of the main objectives of the CityLabs is to translate scientific results into valuable information for policymakers at various scales?

- A profound understanding and consideration of cities is crucial today – both scientifically and in (European urban) policymaking

# MAKING SPACE MATTER

Luis Angel Flores-Hernandez

URBAN POLICY CYCLE

- Space matters, as it provides unique inputs for policy formulation, implementation, and impact, impossible to obtain from other kinds of datasets

- Spatialisation provides a vantage point to delve into a whole range of existent conditions

Urban policy cycle

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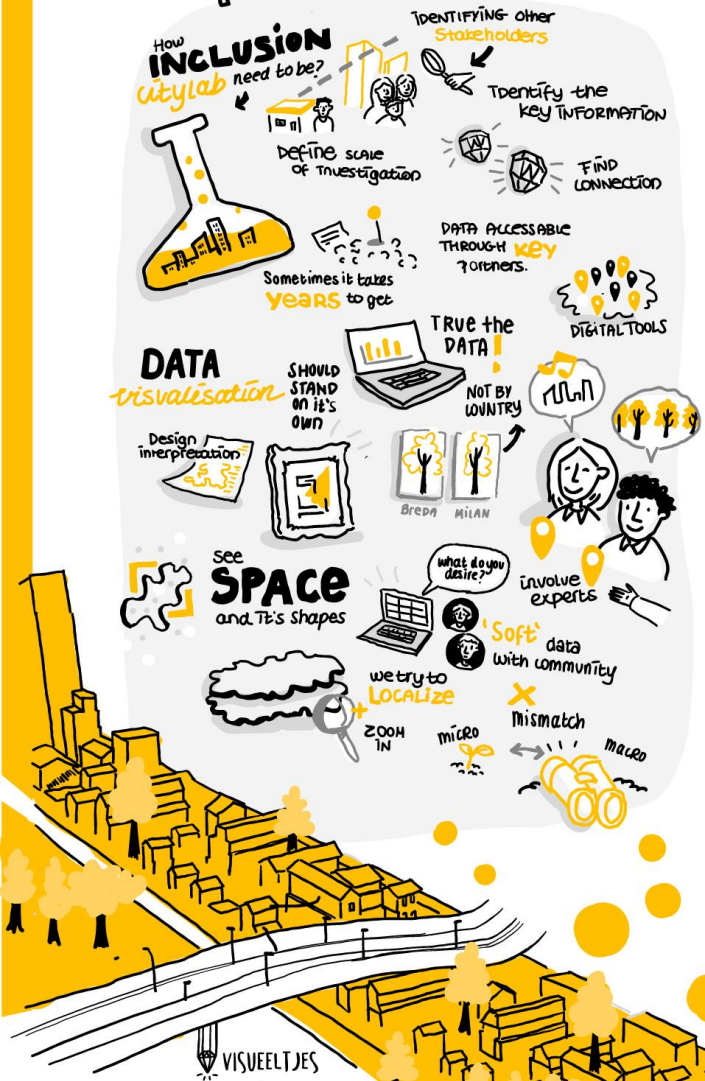
STRUCTURE OF THE FINAL REPORT

CityLabs

European Commission

1. **Introduction**

2. **State of the art inside the Commission**

   I.   Urban data analysis and visualisation (Patrizia Sulis)

   II.   Existing labs for innovative interactions (Sjoerdje van Heerden, Maria Alonso Raposo, Biagio Ciuffo, Stefano Tarantola)

   III.   Citizens and stakeholders' engagement (Tessa Dunlop, Ângela Guimarães Pereira)

   IV.   Potentialities to align scientific spatial analysis to urban policies (Pia Laurila, Giulia Testori, Silvia Iodice)

3. **Contribution by external consultants**

   I.   Participatory process for urban inclusion (Eleni Katrini)

   II.   Making space matter (Luis Angel Flores Hernandez)

   III.   Mapping dynamics in cities (Frenzi Ritter, Gerard Roemers)

   IV.   Data, space and science storytelling (Fábio Duarte)

   V.   Multidimensional data and inter-scalar learning (Marina Alberti)

   VI.   Urban policy in Europe - foundations, developments and opportunities (Lea Scheurer)
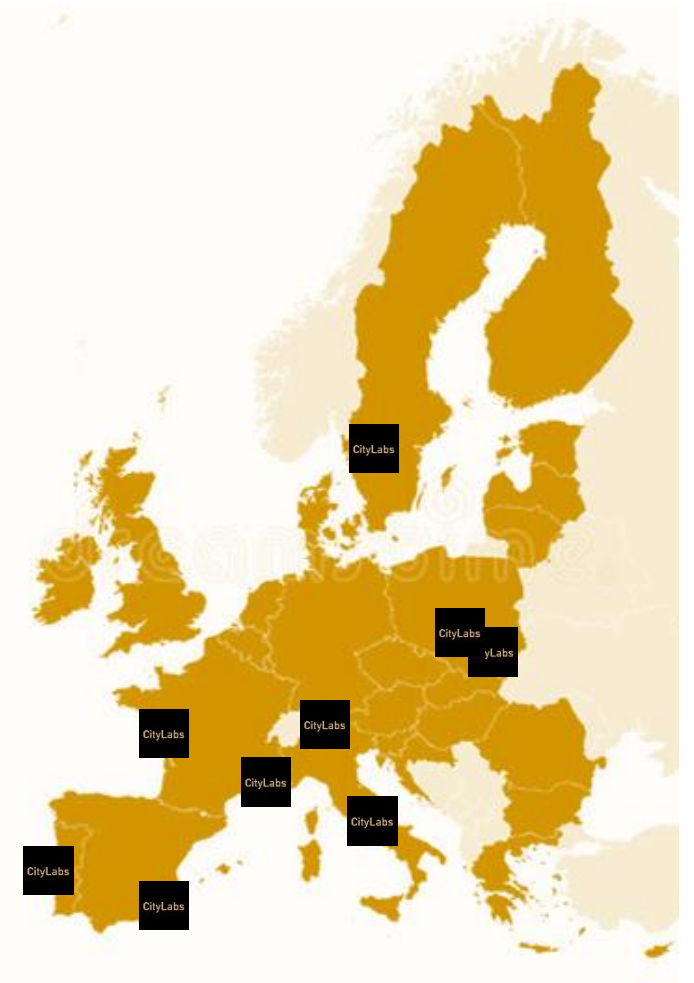
The CityLabs methodology

WHAT'S NEXT?

Testing phase

☐ Different situations may arise

- ▪ A CityLab is organized in partnership with specific stakeholders
- ▪ An agreement is created with a specific city (Memorandum of Understanding)
- ▪ The same CityLab is tested in multiple cities on the same topic
- ▪ …

Each case is different!