

# Virtualisation taking place

Europe as global frontrunner in sustainable artificial intelligence  
with and for cities and communities

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StandICT.eu EUOS SCC task force member

Chair, Danish Standards Committee on SSCC (ISO TC268/ITU SG20)



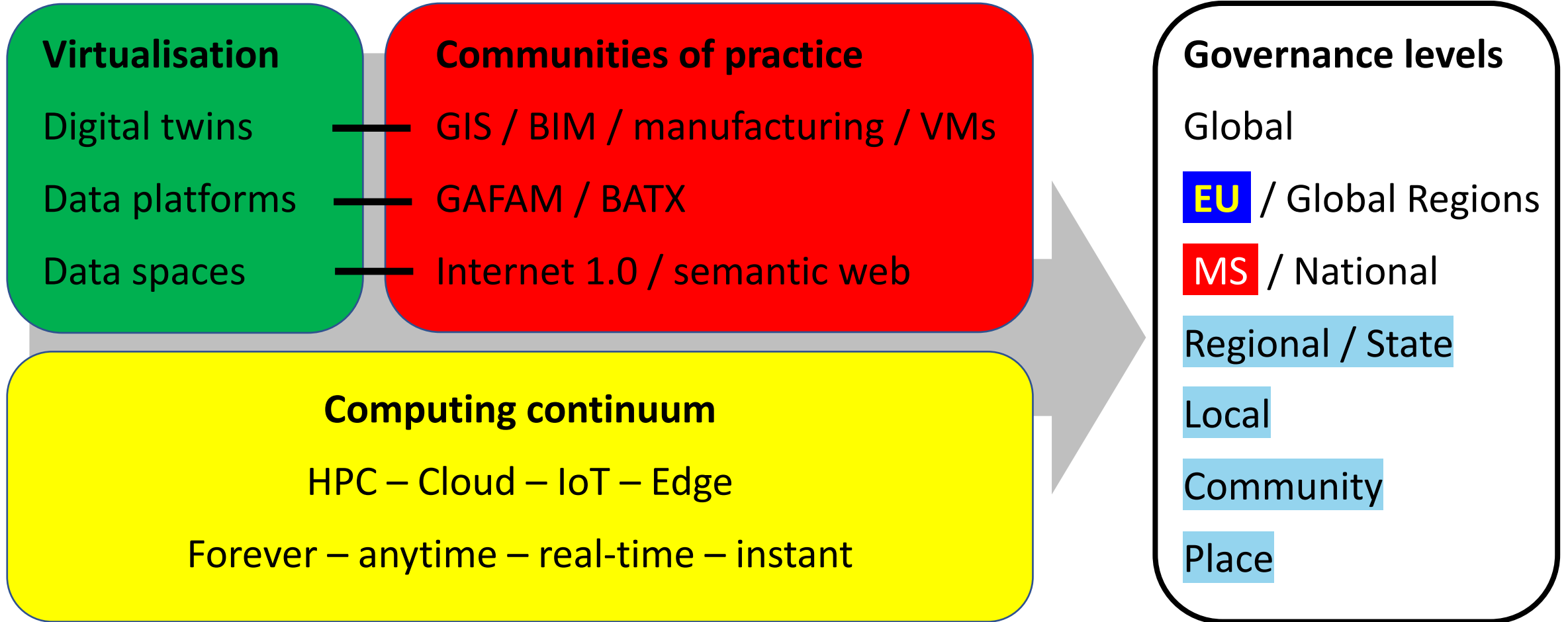
[oascities.org](http://oascities.org)  
[ditcom.au.dk](http://ditcom.au.dk)



"Virtualisation Taking Place"

# » Virtualisation taking place

## The European problem



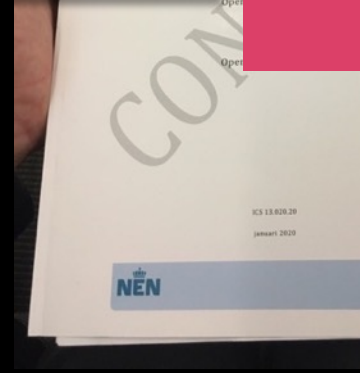
## National guides

- Denmark → DS/KL
- Sweden → RefARK/SKR
- Netherl. → NEN/VNG
- Flanders → VLOCA/DF
- Japan → Society 5.0



## EU/Global

- **Living-in.EU** → MIMs Plus
- UN SDGs → U4SSC/New Architecture  
→ SG20 / FG-DPM



## Commercial

- National
- Global region
- Global / hyperscalers



# ORGANICITY

## Key innovations

- Easy experimentation
- Co-creation tools
- Federated privacy
- IPR in co-creation

# ORGANICITY

## EXPERIMENTATION AS A SERVICE

Exploring how citizens, businesses and city authorities can work together to create digital solutions to urban challenges.



**3 ORIGINAL ORGANICITIES (7.2M€)**

**24 EXPERIMENTS**

**+ 10 NEW CITIES**

**+ 17 NEW EXPERIMENTS**





# ELEMENTS OF

# ORGANICITY EXPERIMENTATION AS A SERVICE

# 6



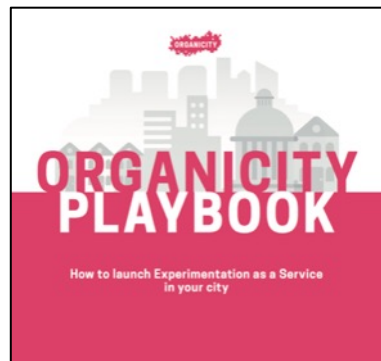
Experimentation management



Urban data discovery



Technical environment



[www.organicity.eu](http://www.organicity.eu)



Inclusive co-creation



Engagement principles



Trustworthy legal & ethics

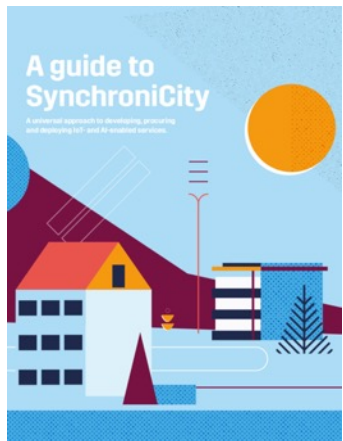


# SYNCHRONICITY

## Scaling up at large scale in EU, and beyond

AI- and IoT-enabled market-ready services:

- 50 services
- 21 cities
- 16 teams – led by SMEs
- 6 months

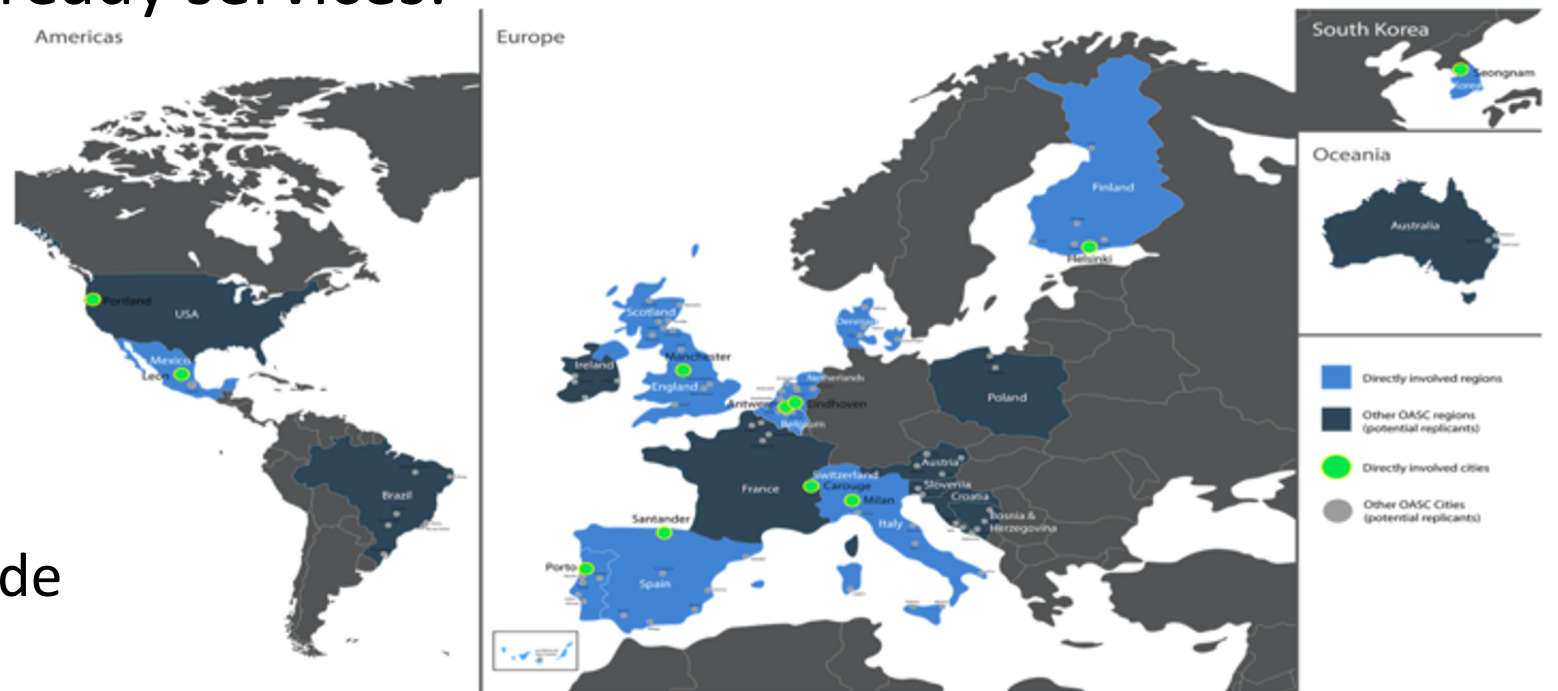


SynchroniCity Guide

Core project:

20m€ · 40 partners

[synchronicity-iot.eu](https://synchronicity-iot.eu)





SYNCHRONICITY BOOTCAMP KICKS OFF PILOT PHASE

21

...

50

CITIES & PILOTS





# Minimal Interoperability Mechanisms (MIMs)



Documentation:  
[mims.oascities.org](https://mims.oascities.org)



# » OASC Partners



Strategic



Core



Enterprise



CxC SMEs



# Overview commitments



## Financial

- 1.1** Joint Investment Plan
- 1.2** Multi-level synergies
- 1.3** Local digital transformation with EU funds
- 1.4** Use common procurement practices



## Technical

- 2.1** Common list of Standards & Technical Specifications
- 2.2** Key Enablers –Available for All
- 2.3** Common Marketplace



## Legal

- 3** Assess and develop legal measures for a common EU framework



## Education & Capacity Building

- 4.1** Develop administrative capacities
- 4.2** Citizen-centric design approaches
- 4.3** Digital education and skills for public authorities and businesses
- 4.4** Provide digital education and skills to the public
- 4.5** Culture of co-creation, participative and cross-sector approach
- 4.6** Facilitate and coordinate activities for scaling-up
- 4.7** Opportunities that can accelerate deployment DIHs



## Monitoring & Measuring

- 5** Framework based on existing methodologies

**MIMs Plus**  
**v3 > v4**  
**28 June**

# » AI + MIMs Plus

## European policy updates



### 14. Make the public sector a trailblazer for using AI

This section focuses on measures that support the uptake of AI technologies in the public sector.

- continue to support public administrations including cities and communities in procuring trustworthy AI by developing a set of minimal capabilities for algorithms to be used in contract conditions (e.g. Fair AI MIM)<sup>226</sup> through the Living-in.EU movement<sup>227</sup> and by other means. The minimal capabilities could include APIs for disclosing levels of automated decision-making.
- support public administrations, including cities and communities in creating AI algorithm registries to increase citizen trust, and encourage the use of catalogues of AI-enabled applications for administrations to increase the take-up of AI by the public sector, for example through the AI-on-demand platform (call in Q4 2021, project to start in Q3 2022); and



# European Interoperability Framework for Smart Cities and Communities – EIF4SCC



## Cities & Communities



Mobility & transport



Energy & energy efficiency



Water & sanitation



Waste & Resources



Administrative & public services



Safety & Security



Healthcare & well-being



Economic development & housing



Engagement & community



Local



Regional



National



European



## LIVING-IN.EU

MIMs Plus



### EU Funded Initiatives



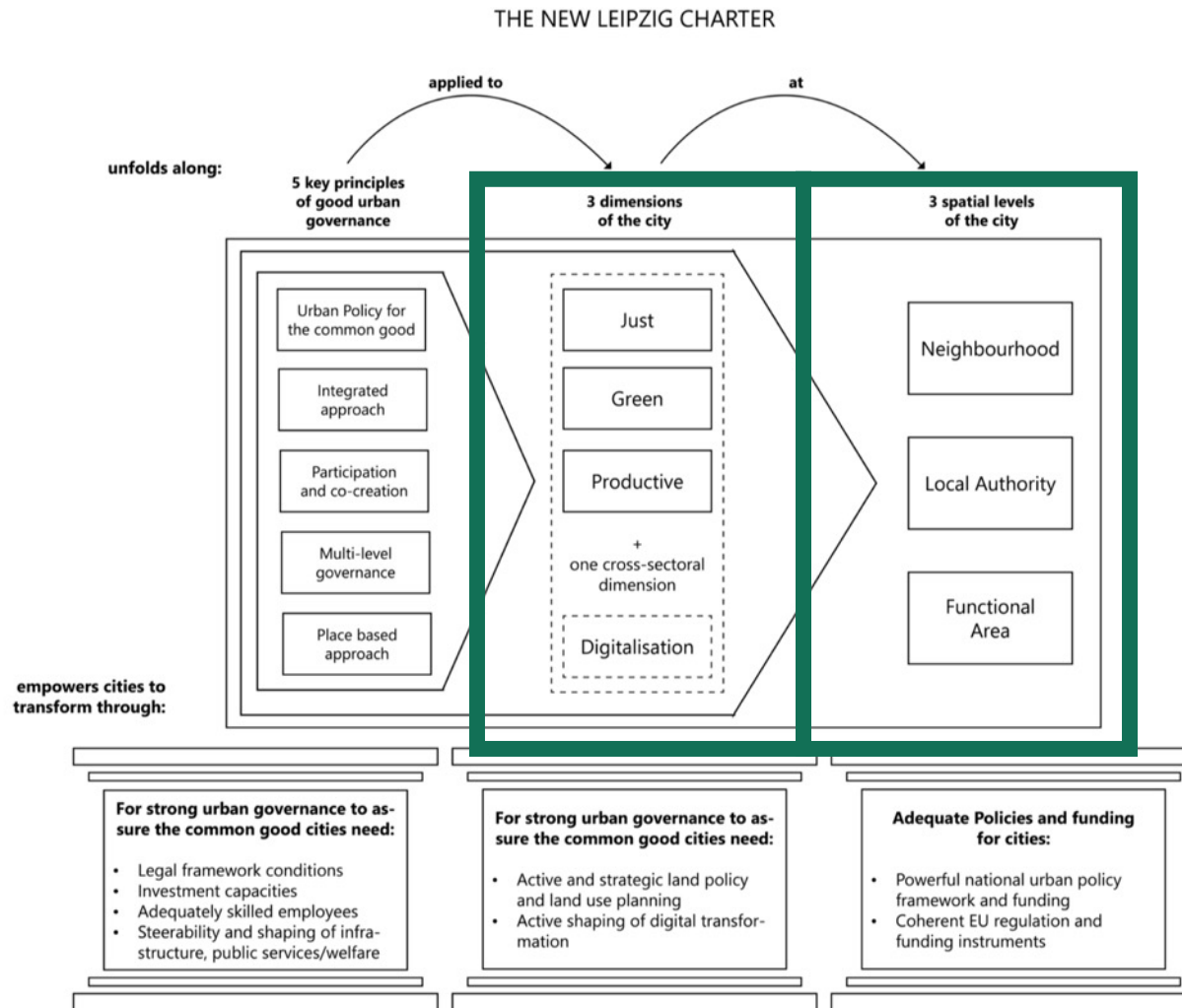
### EU Funded Projects

SYNCHRONICITY



# » EU Urban Agenda

E.g. the 3+1 dimensions in the New Leipzig Charter



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