MIMs evolution

CxC Festival ‘22

Olavi Luotonen, DG CONNECT, Unit C3 Technologies for smart communities
• Developing data governance scheme
• Blueprint of data space
• Priority data sets aligned with blueprint standards and principles
• Roadmap
• Validation of the blueprint on at least two of the European Green Deal action areas

Procure a European toolbox for Local Digital Twins that all European cities could use when developing their digital twins

Help prepare the procurement and deployment of the interoperable local platforms
Digital transformation of cities and communities the European way

Technical specifications: [https://living-in.eu/group/7/commitments/mims-plus-version-4-final](https://living-in.eu/group/7/commitments/mims-plus-version-4-final)
European Interoperability Framework for Smart Cities and Communities (EIF4SCC) – Interoperability governance

Minimal Interoperability Mechanisms (MIMs, INSPIRE, CEF building blocks, etc.)

From EIF4SCC to MIMs Plus to standards

- SSCC Reference Architecture
- List of recommended specifications
- List of standards (NGSI-LD, etc.)
Main standardisation bodies/task forces on Smart Cities and Communities and Digital Twins (initial mapping)

- ISO/TC 268: Sustainable Cities and Communities
- IEC SyC Systems Committee on Smart Cities
- ISO/IEC JTC1/SC41/WG6: Digital Twin
- ISO/IEC JTC1/WG11: Smart Cities
- ITU-T Study Group 20: IoT and Smart Cities and Communities
- ITU-ISO-ITU Joint Smart Cities Task Force (J-SCTF)
- CEN/TC 465: Sustainable Cities and Communities
- CEN/CENELEC/ETSI SF-SSCC: Smart and Sustainable Cities and Communities
- ETSI ISG CIM: Cross-cutting Context Information Management
- OASC MIMs
- Living-in.EU MIMs+
- National / intranational bodies
Scoping for Local Digital Twins standards

- Socio-economic aspects (including possible citizen engagement)
- Integrated service governance, integrated service pathways and shared workflows
- Data from many different sources (public, private, IoT, citizen, etc.)
- Striking the balance between none and too many standards
- Capacity & digital skills in the public sector
- Fair market with players respecting the principles of LI.EU
- Need to ensure fair access to open (meta) standards, respecting our EU ethical values including transparency and explainability
**Living-in.EU Declaration and movement - The European way of digital transformation in cities and communities**

- “In times when cities and communities are looking to digital solutions to tackle a growing range of interconnected challenges, we must boost these efforts through a ‘European Way’ where digital solutions help to create places where people enjoy living and working.”
- “Through co-creation with citizens, we aim to bring the economic and social benefits of this transformation to all local communities and implement an inclusive digital Europe, with powerful digital services, technologies, infrastructures and skills.” – See recent **MIMs Plus v4**.
- Opened for signatures at a Finnish EU Presidency event in Oulu, Dec 2019.
- As an official representative of a public administration at local, regional, national or European level, you can sign this Declaration at: https://www.living-in.eu/.
- If you are a representative of a non-for-profit organization, a research institute, a public administration outside the EU or a company, you can sign for ‘We Support’ Living-in.EU.
European Regions for Smart Communities Summit
will be held between 9 - 13 of May 2022,
online and in Alentejo (Espinheiro Convent Hotel * Évora, Portugal)

This Summit will be the celebration of the success and achievements from cooperation across Smart Communities and an opportunity for mutually committing to share challenges and smart solutions.

It will gather local and regional leaders from across Europe to discuss how to involve the citizens and stakeholders in co-promoting smarter small cities, towns, villages and regions for a better tomorrow.

MORE SOON on: http://www.eu-smart.community/
Sign, Support, Like ... the Join, Boost, Sustain political declaration

LIVING-IN.EU

Join the movement!