Olavi Luotonen

Policy and Programme Officer
DG Connect

Europeiska Kommissionen

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.
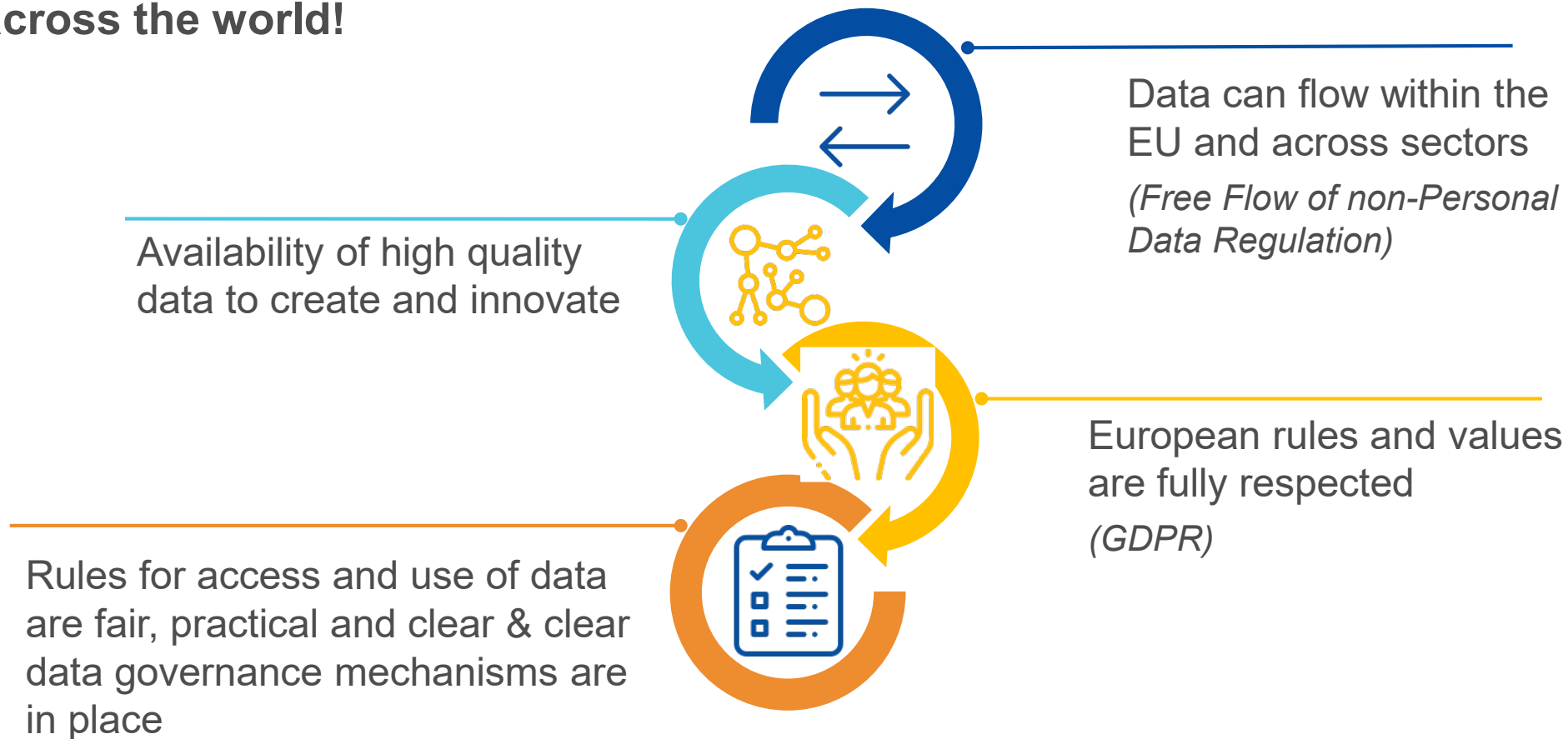
JOIN, BOOST, SUSTAIN

Living-in.EU
The European way of digital transformation in cities and communities

DOWNLOAD THE DECLARATION

SIGN THE DECLARATION

We signed

Position	Public Administration	Level	Country
Mayor	City of Antwerpen	Local	Belgium
Mayor	Nicosia Municipality	Local	Cyprus
Mayor	City of Dortmund	Local	Germany
Mayor	City of Aarhus	Local	Denmark
Mayor	Odder Kommune	Local	Denmark
Mayor	Randers Kommune	Local	Denmark

YOU LIKED THIS INITIATIVE
332

European Commission

European Commission
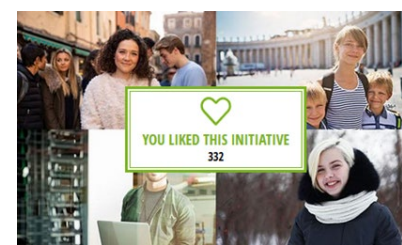
<u>**Vision**</u>: **a single European data space, a genuine single market for data open to data from across the world!**

Data can flow within the EU and across sectors

(Free Flow of non-Personal Data Regulation)

Availability of high quality data to create and innovate

European rules and values are fully respected

(GDPR)

Rules for access and use of data are fair, practical and clear & clear data governance mechanisms are in place

Benefitting from the second wave of industrial data
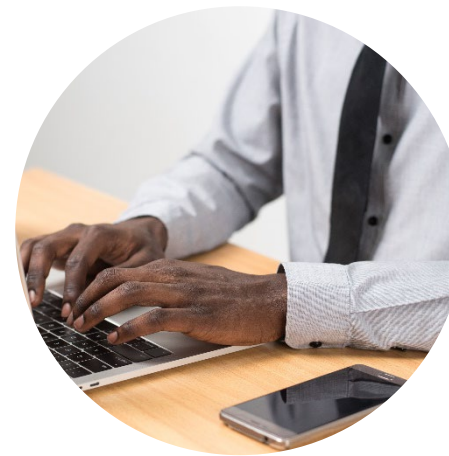
European Commission

A cross-sectoral governance framework for data access and use

including a legislative framework for the governance of European data spaces and other cross- sectoral measures for data access and use

Enablers

Investments in a High Impact Project on European data spaces and federated cloud infrastructures

Competences

Empowering individuals, investing in digital skills & data literacy and in dedicated capacity building for SMEs.
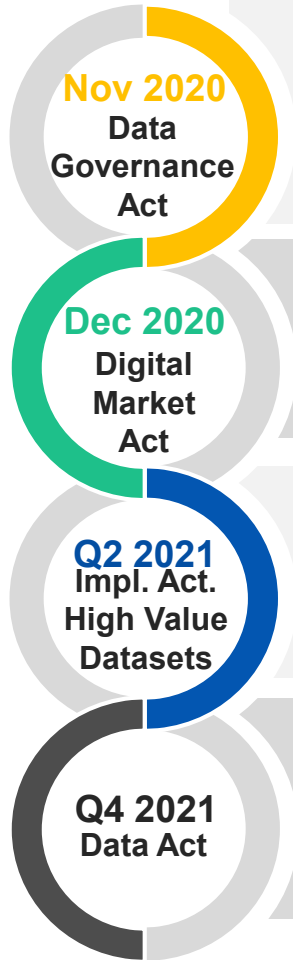
Rollout of common European data spaces

in crucial economic sectors and domains of public interest, looking at data governance and practical arrangements.

International Aspects

4 legislative instruments

Nov 2020
Data Governance Act

Ensure **TRUST** in data transactions

Public sector data, private sector data and personal data voluntarily made available by data holders

Dec 2020
Digital Market Act

Regulate **MARKET POWER** based on data

Personal data and private sector data held by online platforms and originating from the users (both businesses and individuals)

Q2 2021
Impl. Act. High Value Datasets

Unleash the socio-economic potential of data as a **PUBLIC GOOD**

Public sector data of high value

Q4 2021
Data Act

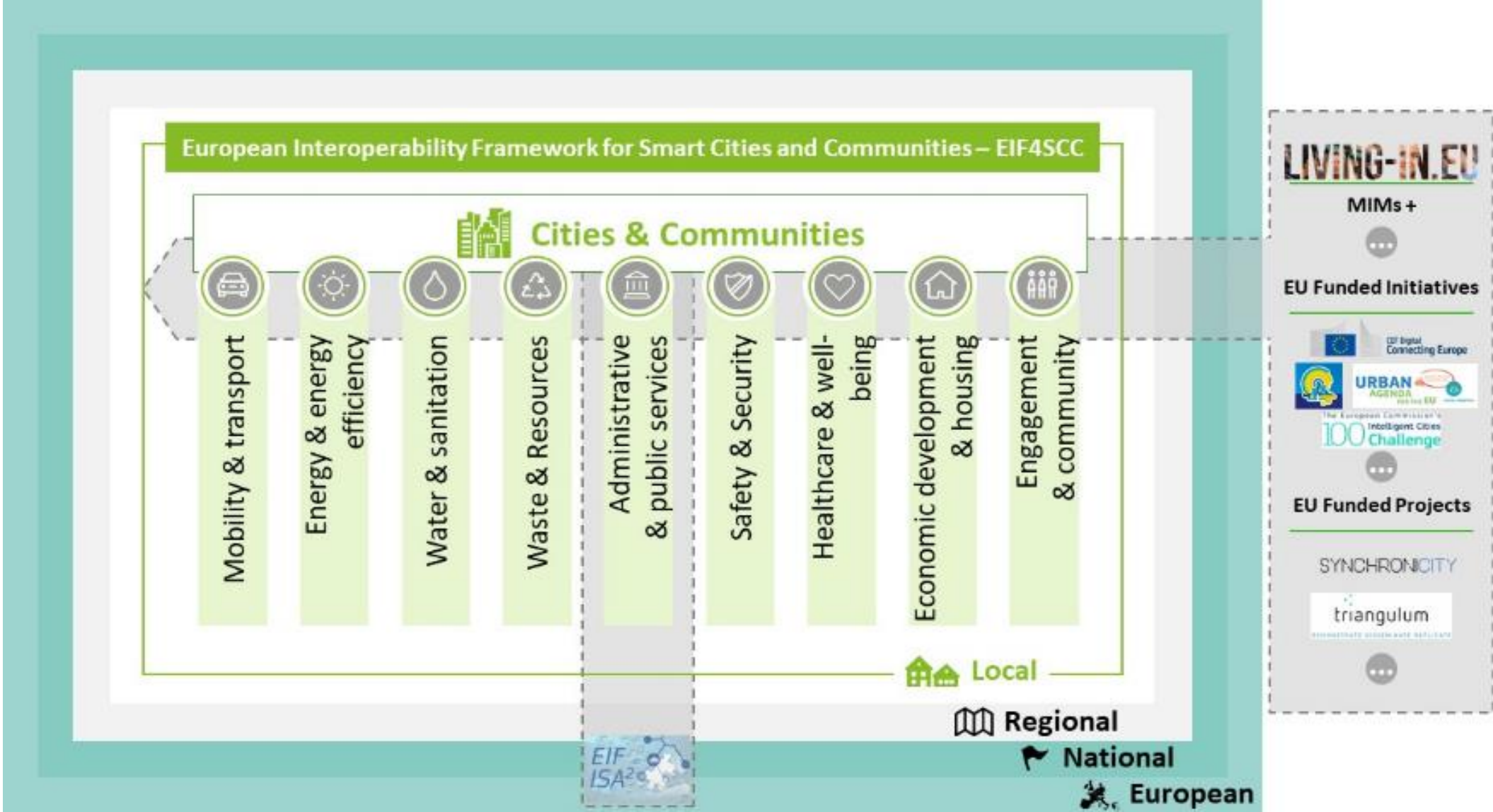Ensure **FAIRNESS** in the allocation of data value among the actors of the data economy

Private sector data, personal data and co-generated (IoT) data

Source: Smartcitiesworld.net

European Commission

- **AI for Europe** (2018): …Boost the EU's technological and industrial capacity and AI uptake across the economy, both by the private and <u>public sectors</u>…

- **White Paper on AI** (2020) calls for the <u>Adopt AI programme</u> to support public procurement of AI and transform public procurement processes

- **Revised Coordinated Plan on AI** (2021) confirms the launch of the <u>Adopt AI programme in 2021</u> and highlights the need for continued <u>peer-learning</u>

- <u>Concrete measures</u> of the Revised Coordinated Plan to support the implementation of AI at local level through the **Living-in.eu community**

Source: Smartcitiesworld.net

European Commission

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

EIF ISA²

LIVING-IN.EU

MIMs +

EU Funded Initiatives

CEF Digital Connecting Europe

URBAN AGENDA for the EU

The European Commission's Intelligent Cities 100 Challenge

EU Funded Projects

SYNCHRONICITY

triangulum

Financial Commitments

6Aika
1.2

Joint multi-level governance funding scheme (use cases)

The European Commission's 100 Intelligent Cities Challenge — DIGITAL Cities Challenge
1.3, 1.4

Facilitate access to concerted public and private investments (programme)

eGovernment in local and regional administrations
Guidance, tools and funding for implementation
1.3, 1.4

List of EU funds for eGovernment (publication)

TOWARDS A JOINT INVESTMENT PROGRAMME FOR EUROPEAN SMART CITIES
A Consultation Paper to Stimulate Action
1.3

Roadmap to Stimulate a Joint Smart Cities Investment Programme

GUIDE TO EU FUNDING 2014-2020
1.3, 1.4

List of EU funds for cities (guide)

CIRCULAR CITY FUNDING GUIDE
1.3, 1.4

List of EU funds for Circular Economy (guide)

AI4CITIES ACCELERATING CARBON NEUTRALITY — SELECT for Cities
1.3, 1.4

Challenge-based Pre-Commercial / Innovation Procurement (use cases)

Big Buyers Initiative
1.3, 1.4

Sharing strategic public procurement approaches and criteria to the market (guide, use cases)

ISA² Programme
1.3, 1.4

Practices and standards fostering interoperability (*MAPS, EIRA/CarTool, IQAT, CAMSS, TestBed & ESPD*) (catalogue)

eGovernment4EU
1.3, 1.4

Mandatory use of eProcurement by MS (e.g. technical specifications of the eForms)

Technical Commitments

ISA² Programme — *2.1*
Public services at federal and national level (catalogue)

APIs4DGov project — *2.1*
API standards and specifications and Maturity assessment tool (study report)

eGovernment4EU — *2.1*
Interconnections and interoperability between systems and platforms at national levels (Action plan)

SAREF — *2.1*
IoT standards (Internationalization and adoption of SAREF4CITY)

OPEN & AGILE SMART CITIES — *2.1*
Minimum Interoperability Mechanisms (MIMs) (catalogue)

ICTFOOTPRINT.EU — *2.2*
Energy & Environmental Efficiency in ICT
Self-assessment tool for carbon and energy footprint (guide)

EIRA — *2.2*
EUROPEAN INTEROPERABILITY REFERENCE ARCHITECTURE
List of standards and specifications for eGov (library)

EIP-SCC — *2.2, 2.3*
Marketplace of the European Innovation Partnership on Smart Cities & Communities (platform)

CEF's Building Blocks — *2.2*
Digital Service Infrastructure building blocks (Standards, services and tools)

SYNCHRONICITY — *2.3*
Universal approach to developing, procuring and deploying IoT- and AI-enabled services (guide)

joinup — *2.2, 2.3*
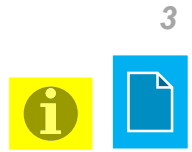A catalogue with frameworks, tools, and services (catalogue)

EU Smart Cities Information System — *2.3*
Aggregator and hub for networks (use cases)

10

Legal Commitments

e-Identification
3

National eID schemes as supported in the cross-border context by the eIDAS regulation (regulation and library)

GDPR.EU
3

Citizen Centric approach to data (regulation)

THE EUROPEAN DATA STRATEGY
3

Guidance on B2G data sharing (report)

3

Sharing public sector data (EU legislation)

European Commission

Education & Capacity Building Commitments I.

OPSI *4.1*
Case studies at a national level (use cases)

SELECT for Cities *4.1*
An open, standardized, data-driven, service-oriented and user-centric platform with co-creation (Knowledge hub)
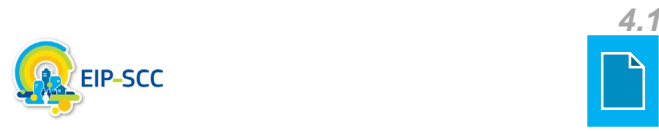
EIP-SCC *4.1*
Rethinking the city: using the power of data to address urban and societal change (Leadership guide)

EIP-SCC *4.1*
Urban Platform Management Framework Enabling cities to maximize value from city data (guide)

SYNCHRONICITY *4.1*
Scaling up urban digital platforms and smart city solutions (guide)

GREEN DIGITAL CHARTER *4.2, 4.6*
Peer-to-peer learning (guide, toolkit, use cases)

SISCODE *4.2*
Library of case studies (±140); Toolkit on co-creation with citizens & policy makers, and MOOCs (guide, use cases)

URBACT Driving change for better cities *4.2*
Local Group Toolkit, Guidelines and analysis (toolkit)

DIGITAL SKILLS MAP *4.3*
Local public and private initiatives on training and empowering citizens (catalogue)

EURO CITIES *4.3*
Urban Digital Foresight taskforce: shared knowledge of technological trends and new technology development in cities (guide)

EUPAN romania2019.eu european public administration network *4.3*
Competencies necessary for eGovernment (publication)

Interreg Mediterranean SOCIAL & CREATIVE *4.3*
Toolkit on generating social innovation and creativity (guide)

12

Education & Capacity Building Commitments II.

4.3
iSCAPE

Guidebook, policy briefs, Tips & Tricks for sustainable LLs. Podcasts and The LivingLab game. (guide)

4.3
EIP-SCC Erasmus Centre for Data Analytics

Urban Data Platforms in Europe: Research study on the development and adoption of urban data platforms (publication)

4.3
EIP-SCC
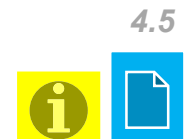
City Chief Data Officer role description (guide)

4.4
ORGANICITY

Co-creation of digital solutions (playbook, guide, webinar …)

4.4, 4.5
#CITIES4EUROPE

Campaign on the role of technology in the socio-economic and cultural development of Europe (recommendations and case study)

4.4
Erasmus+

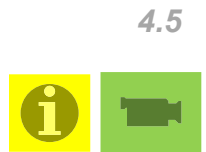Strengthening Governance Capacity for Smart Sustainable Cities (project)

4.5
COVAL

Policy Brief on State of co-creation and Dashboard (publication)

4.5
UNaLab URBAN NATURE LABS
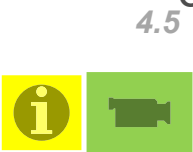
ULL playground game and webinars (guide)

4.5
U4IoT

End-user engagement toolkit e-courses (guide)

4.5
DIGITAL Cities Challenge

Scaling up methodology, City Digital Transformation Handbook, and Good practices (guide, use cases)

4.5
Tallinn Declaration on eGovernment

Framework for implementing user-centricity (guide)

13

Education & Capacity Building Commitments III.

4.6

PROSPECT
Peer Powered Cities and Regions

Energy and climate projects (mentoring programme)

4.6

triangulum
DEMONSTRATE·DISSEMINATE·REPLICATE

Smart City Decision Making Tool (use cases)

4.6

URBACT
Driving change for better cities

Transfer Network methodology, Knowledge transfer methodology (guide)

4.6

EIP-SCC

Smart City Guidance Package (guide)

4.6

URBAN AGENDA FOR THE EU | HOUSING

Digital Neighbourhood Instrument
- Model and toolbox to establish a digital center (guide, catalogue)

4.6

Interreg Europe
European Union | European Regional Development Fund

Smart Government Academy
- Platform for knowledge exchange on smart government (use cases)

4.6

URBAN AGENDA FOR THE EU | HOUSING

Digital Services for your city
- Modular toolkit for creating a digitisation strategy (guide)

4.6

SHARINGCITIES

Replication guidebook (guide)

4.6

The European Commission's
100 Intelligent Cities Challenge

Collaboration among cities to find common solution and share good practices (programme)

4.7

Digital Innovation Hubs (DIHs)

Helping cities in their digital transformation by awareness raising and developing a train-the-trainer system and more (mentoring)

Monitoring & Measuring Commitments

Digital Economy and Society Index (DESI) *5*

A composite index with indicators on Europe's digital performance of EU member states (methodology)

5

Smart cities key performance indicators (user guidebook, policy recommendations and business models report)

ESPON *5*
Co-financed by the European Regional Development Fund
Inspire Policy Making with Territorial Evidence

Ongoing project developing Local and Regional Digital Indicators (LORDI)

DIGITAL Cities Challenge *5*

Methodology Toolbox: Indicators on cities' digital performance (The Digital Cities Challenge Self-Assessment Tool (SAT) and the City Digital Transformation Handbook) (guides)

The European Commission's
100 **Intelligent Cities Challenge** *5*

Each ICC city will develop a Monitoring and Evaluation (M&E) framework (support of expert team and usage of City monitoring Indexes)

Rural Smart Communities:
boosting rural economies through large-scale pilots

- **Extension of focus:**
  - from systems to ecosystems
  - from design to citizen empowerment
  - from smart cities to smart communities, both meet in regions
  - OASC scope: extending to Community x Community –
      Save the Dates: CxC Festival on 12-13 January 2022

- **New €30 million EU initiative: Large scale piloting and digital platforms**
  - rural digital service platforms
  - innovation ecosystems
  - the smart village approach
  - standards at the forefront

- **Minimal Interoperability Mechanisms (MIMs)**
  - Addressing interoperability of data, systems & services
  - Developed and validated for cities in e.g. SynchroniCity
  - Extended to rural smart communities in AURORAL and dRural

European Regions for Smart Communities Summit
Alentejo, May 3rd – 9th

See: http://www.eu-smart.community/

2022 EDITION
9 - 13 May

SAVE THE DATE

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/

- **The wheel exists**

- **All levels need to work together**

- **It all hangs together:**

  - Citizens to Communities

  - Communities to Regions

  - Regions to Member States

  - Member States to EU

- **Expectation for your regions and municipalities to sign up to Living-in.EU**