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OASC & UCPH

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ITU/SG 20 IoT, Digital Twins and Smart Sustainable Cities and Communities

ISO/TC 268 (JTC 4) + CEN/TC 465 Sustainable and Smart Cities and Communities

CEN-CLC/JTC 25 Data management, Dataspaces, Cloud and Edge

DS/S-491 Data Spaces and Data Management, Smart Cities

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Postdoc Centre for Advanced Visualisation and Interaction (CAVI), Aarhus Uni

PhD Computer Science, mobile/IoT, Aarhus Uni, LEGO

MSc “Digital Habitats”, Information Studies, modeling (AI/IoT/STS), Aarhus Uni



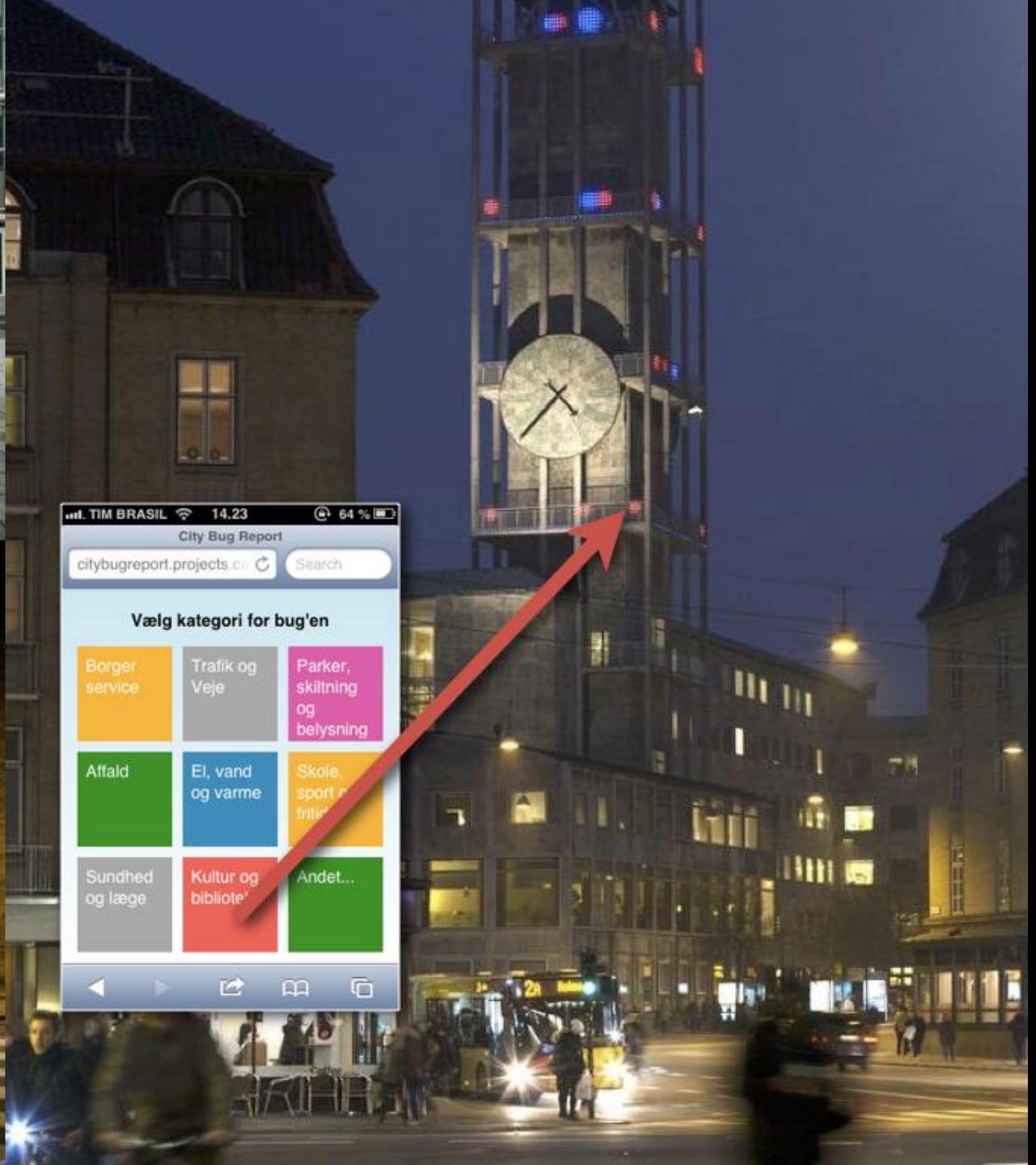
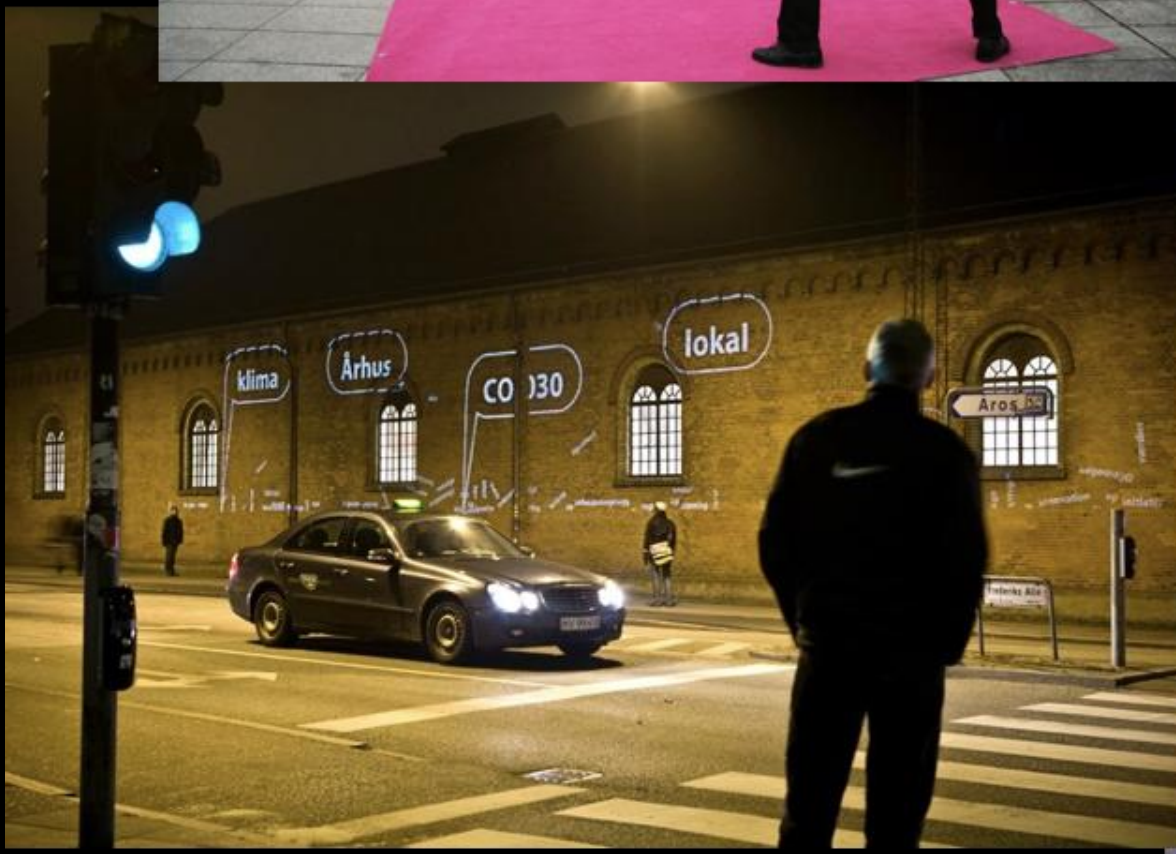
OPEN & AGILE SMART CITIES & COMMUNITIES

UNIVERSITY OF COPENHAGEN



When AI takes your place





Data Spaces and Local Digital Twins towards Citiverse



eu2025.dk

AIS25

CORPORATE PARTNERS

1000000 Foundation D+ Google Cloud

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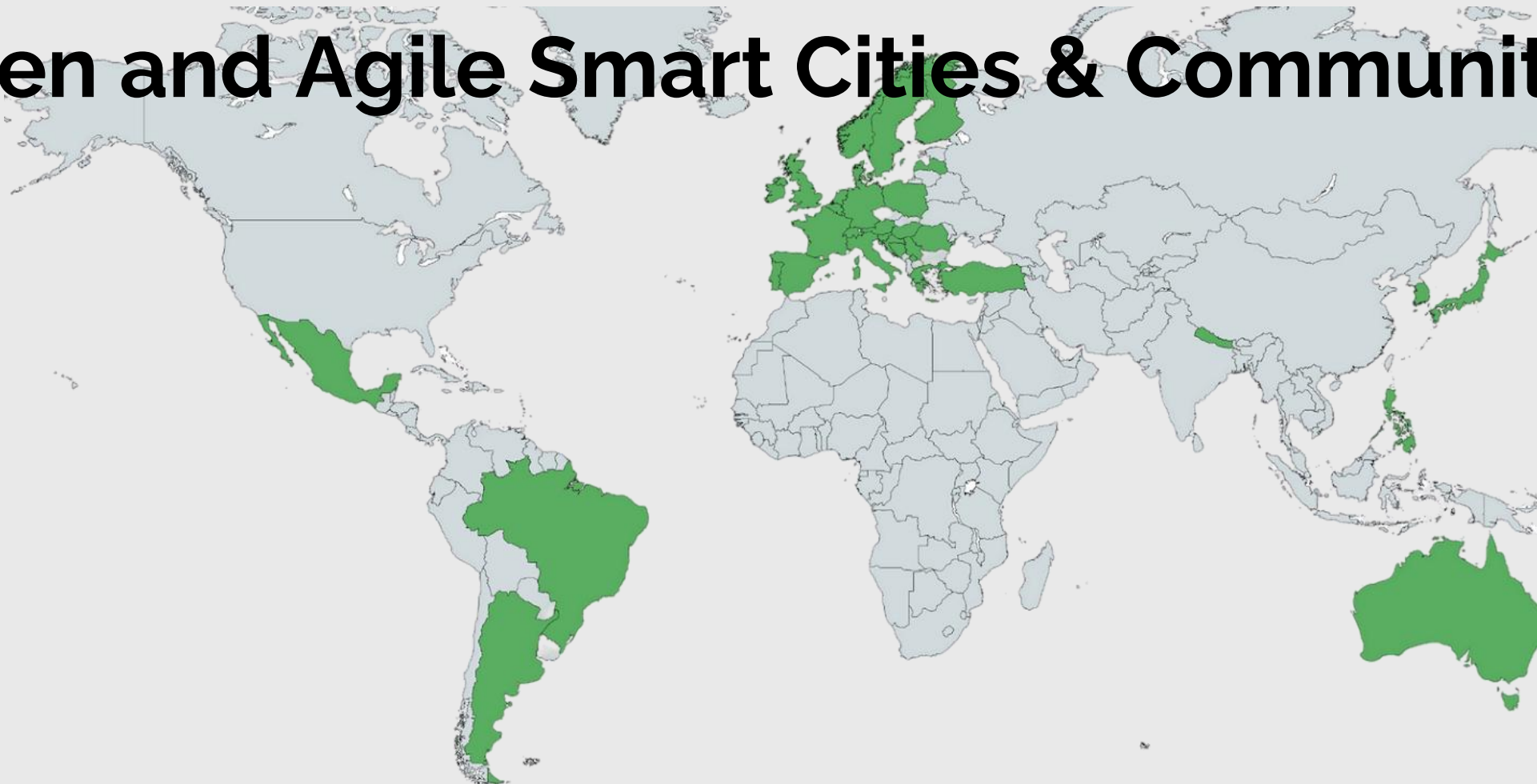
UCPH

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Open and Agile Smart Cities & Communities

A world map with a light gray background. Countries are outlined in black. A subset of countries is filled with a solid green color. These include Mexico, Brazil, Argentina, most of Europe (including the UK, Ireland, France, Germany, Poland, Czech Republic, Slovakia, Austria, Hungary, Switzerland, Italy, Spain, Portugal, Greece, Turkey, and Scandinavia), Australia, and several countries in East Asia (Japan, South Korea, and parts of China). The map is positioned behind the main title text.

OPEN & AGILE SMART CITIES & COMMUNITIES

OASC Council of Cities

The Council of Cities represents the member cities and communities of OASC and is one of the governing bodies of the network. It is headed by the Council of Cities Coordinator who is elected every two years.



Bo Fristed
Coordinator, City of Aarhus, Denmark



Anni Joela
Deputy Coordinator, City of Tampere, Finland

OASC Technology Council

The purpose of the OASC Technology Council (TC) is threefold:

1. To oversee the overall roadmap of the Minimal Interoperability Mechanisms.
2. To support the technical development of existing MIMs and explores the technical possibilities for proposed MIMs.
- 3 To provide the OASC network and its members with impartial technical advice and guidance on relevant technologies and standards that underpin the MIMs.

EuropAI

European Reusable Public Administration AI

The Vision

The Challenge

European administrations rely on 'GenAI fast-food' – expensive, opaque AI from non-EU providers that are often misaligned with EU values.

Our Solution: Europe's Community Kitchen

A trusted infrastructure where Member States co-create and share GenAI solutions. We're building the kitchen, recipes, and ingredients that let European administrations prepare wholesome GenAI solutions tailored to their needs, compliant with EU regulations, rooted in European values.

EuropAI solutions

Solution 1: Legal & Administrative Simplification

Lead: Luxembourg (LNDS)

AI agents that help transpose EU legislation into national law, translate legal documents, and even convert legislation into executable code, making complex legal processes faster, more accurate, and more accessible.

Solution 2: Urban Analysis & Spatial Planning

Lead: Netherlands (City of Eindhoven)

AI-powered tools that analyse urban environments, support mission-driven development, and help planners make better decisions about housing, sustainability, and liveability.

Solution 3: Digital Assistant for Citizen Interaction

Lead: Belgium (VLO)

Multilingual GenAI assistants deployed across Flanders, Ghent, and Wallonia, helping citizens and civil servants navigate government services with ease, in their own language.

Tech Lead: Denmark (City of Aarhus)

Partner Countries & Organisations

Netherlands

Ministry of Interior and Kingdom Relations (BZK)
(Coordinator), ICTU (Management), Province Zuid-Holland, VNG, AIC4NL, Waag

Denmark

Aarhus City (Tech Lead, Ecosystem Lead)
University of Copenhagen (Standards, Q&A)

Belgium

Digitaal Vlaanderen (Flanders)
IDETA (Wallonia)
District09 (Ghent)

Luxembourg

LNDS
(National Data Service)

Timeline and budget

- 36 months – start in August 2026
- 13,9m EUR budget (50 % EC co-financing)
- Focus on **procurement**



EU

Directives > Acts
> Standards

Global Standards

**Minimal (but sufficient)
Interoperability**

MIMs

What is the role of MIMs?

Minimal Interoperability Mechanisms to enable all communities, whether large or small, to put in place effective local data sharing ecosystems and to enable solutions to be shared between cities and communities around the world



How MIM can be a practical tool for cities?

To be used by communities of any size to tackle challenges of a local data ecosystem



Minimal to ensure:

No unnecessary complexity or time-to-implement



Sufficient Interoperability to allow:

“Good enough” integration of systems



Clearly defined mechanism so that:

It is easy to determine if a product or service is compliant

ITU Publications
Recommendations

International Telecommunication Union
Standardization Sector

Recommendation

ITU-T Y.4505 (08/2024)

SERIES Y: Global information infrastructure, Internet protocol aspects, next-generation networks, Internet of Things and smart cities

Internet of things and smart cities and communities – Frameworks, architectures and protocols

Minimal Interoperability Mechanisms for smart and sustainable cities and communities



70+ Partners. One Mission. Real-World Impact.

Global Initiative on AI, Digital Twins and Virtual Worlds – *Discovering the Citiverse* is a global multistakeholder platform where AI, spatial intelligence and digital twins converge to deliver measurable change in cities and communities.



Founding partners:



UNICC

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DIGITAL DUBAI



Champions:



Ministry of Internal Affairs
and Communications

دبي الرقمية
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Supported by :



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libelium

Gemeente
Rotterdam



Center on the Legal Profession
HARVARD LAW SCHOOL

UAB
Universitat Autònoma
de Barcelona

OPEN & AGILE SMART CITIES & COMMUNITIES

Smart City
Institute Japan

45
Federación
Española de
Municipios y
Provincias

TAMPERE

STUTTGART
TECHNICAL
UNIVERSITY
OF APPLIED
SCIENCES

Smart
Cities
Council

SHARING CITIES ALLIANCE

a.r.u.
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bizztech



城市创新
Guangzhou Institute for
Urban Innovation

S2GRUPO

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Salford
MANCHESTER

ICT TECHNOLOGY CENTRE

AJUNTAMENT DE VALÈNCIA



SWPS University



CMAD
Centro de
Ciberseguridad
Ayuntamiento
de Madrid

University of
Staffordshire

And more...



AI for Smart Sustainable Cities and Communities

ITU Focus Group



OPEN & AGILE DIGITAL TRANSFORMATION IN PRACTICE

26-27 January 2027

Dokk 1
Aarhus, Denmark

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Open Calls

