SESEI | Seconded European Standardisation Expert in India
Enabling Europe-India Cooperation on Standards

cen EUROPEAN COMMITTEE FOR STANDARDIZATION

CENELEC EUROPEAN COMMITTEE FOR ELECTROTECHNICAL STANDARDIZATION

ETSI

European Commission

EFTA

4th Indo-European Conference on Standards & Emerging Technologies

7th December 2023 | The LaLiT, New Delhi, India

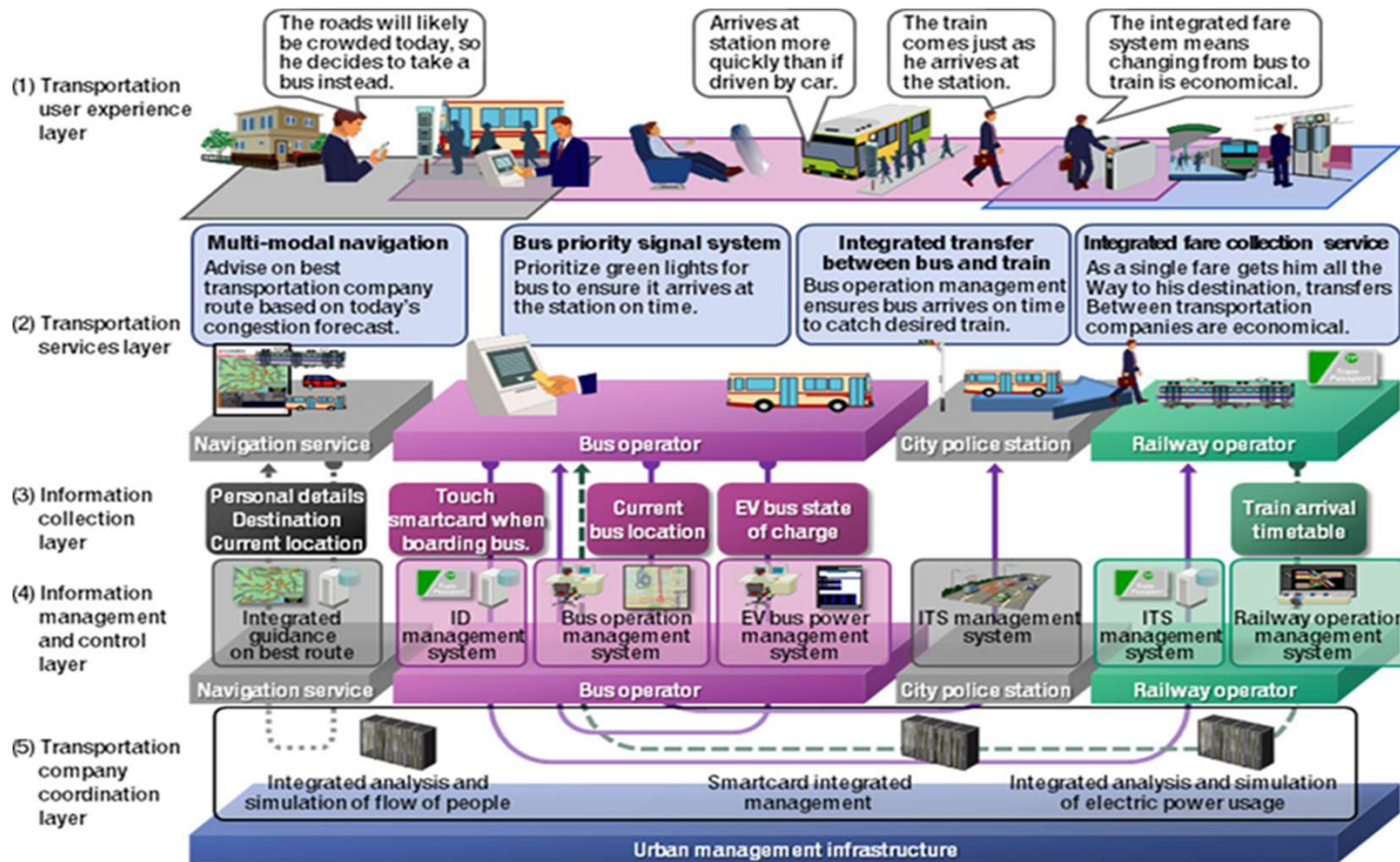# WHY INTEROPERABILITY IS KEY FOR LOCAL AUTHORITIES TO MASTER DATA SOVEREIGNTY AND ICT CARBON FOOTPRINT

Christophe COLINET - eG4U - Bordeaux Métropole

BORDEAUX MÉTROPOLE

Interoperability: What are we talking about ?

Interoperability is key:

1. To ensure citizen digital rights protection
2. To avoid vendor lock in and stimulate the market by giving confidence in the ecosystem as a whole: citizen, public and private sector.

Interoperability: examples from daily life

EU Project SESEI @euprojectsesei3
In India, the government asked public charging stations to install Japanese and Chinese charging technology both platforms, ending months of ambiguity that delayed electric vehicles procurement by Energy Efficiency Services Ltd (EESL). Read more at:

The value of interoperability in the context of cross-sector solutions

OneM2M: A glue to fix interoperability issues for communities

This is also the European Commision approach

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Feedback and the way forward

Financial	Technical	Legal	Education & Capacity Building	Monitoring & Measuring
1.1 Joint Investment Plan	**2.1** Common list of Standards & Technical Specifications	**3** Assess and develop legal measures for a common EU framework	**4.1** Develop administrative capacities	**5** Framework based on existing methodologies
1.2 Multi-level synergies	**2.2** Key Enablers –Available for All		**4.2** Citizen-centric design approaches	
1.3 Local digital transformation with EU funds	**2.3** Common Marketplace		**4.3** Digital education and skills for public authorities and businesses	
1.4 Use common procurement practices			**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	

This is also the European Commision approach

[MIMs Plus - Technical Specifications V3 | Living in EU (living-in.eu)](living-in.eu)

Extract:

"OneM2M Release 2 and release 3 set of specifications. oneM2M Release 2 has been formally approved as ITU-T recommendation under Y.4500 series. oneM2M is a partnership project (where EU is represented by ETSI) that specifies a common service layer for IoT. OneM2M is applicable to many verticals including Smart Cities. oneM2M specifications cover requirements, architecture, APIs, security, interworking and data models. Although not chartered to produce open source, there are several open source implementations supporting oneM2M, those include Eclipse OM2M and S. Korea OCEAN."
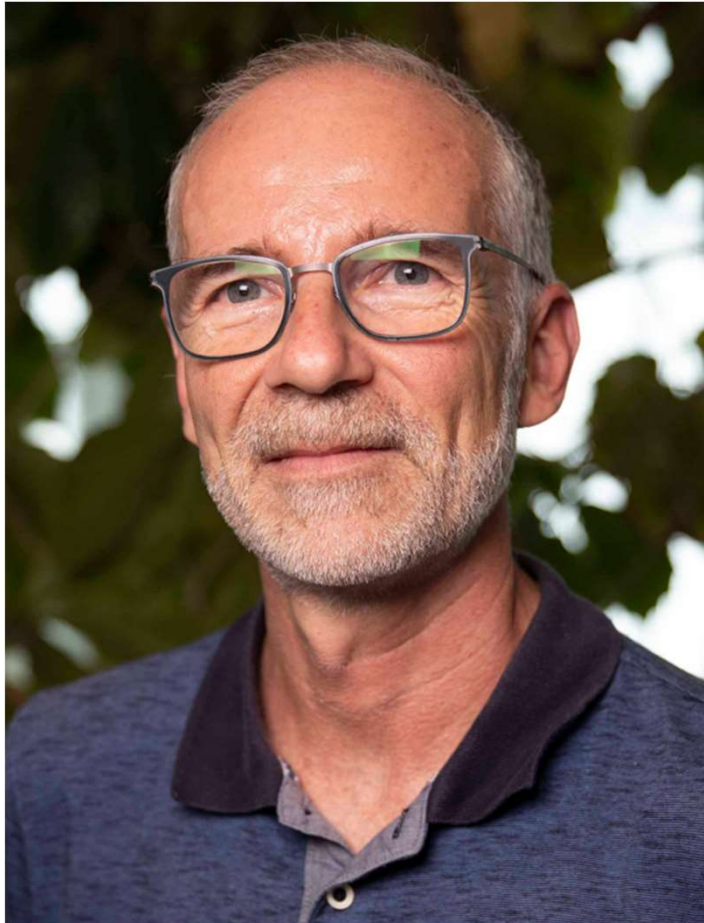
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Bordeaux Métropole: awarded in the energy and environment category of smart city 2023

Thanks for your attention

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