

ONLINE EVENT

2ND Southeast Europe Smart Society Conference

Accelerating smart society development based on data and service connectivity

Slovenian Digital Coalition, ICT Horizontal Network

Gaber Terseglav, smart society technical group lead



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Overview of Interoperability Landscape



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OASC Minimal Interoperability Mechanisms

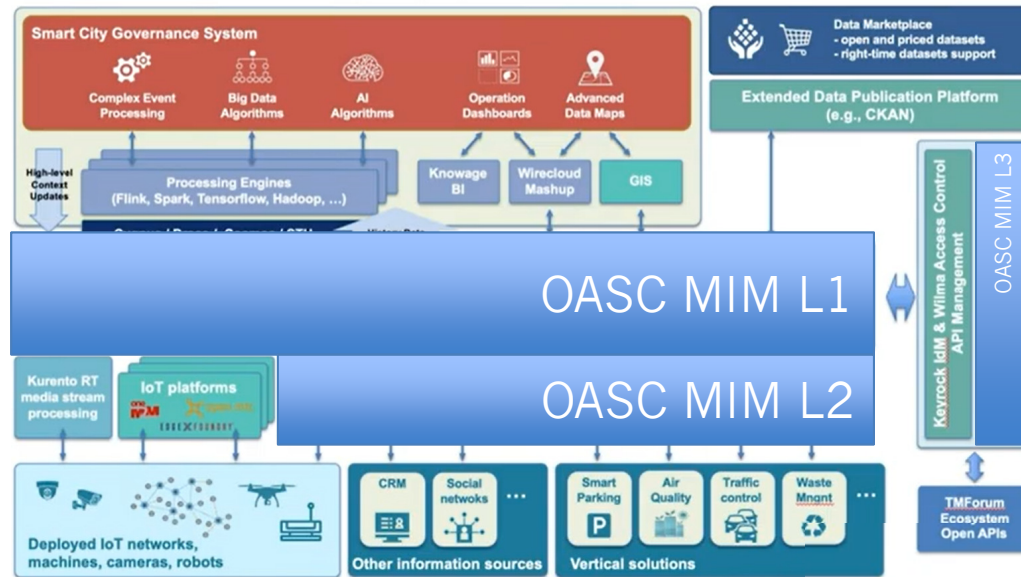
ID	MIM name	Interoperability point	Standards
L1	OASC Context Information Management MIM	Context information Management API	ETSI NGSI-LD API , OMA 1 NGSI, ITU- T SG20/FG-DPM [FIWARE NGSI]
L2	OASC Data Models MIM	Shared Data Models	[SAREF4CITY, FIWARE, GSMA, schema.org, SynchroniCity RZ + partner data models]
L3	OASC Ecosystem Transactions Management MIM	Marketplace API	[TM Forum Business Ecosystem API, FIWARE Business Ecosystem and Marketplace Enabler API, SynchroniCity API]



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Smart City Architecture meets OASC MIMs





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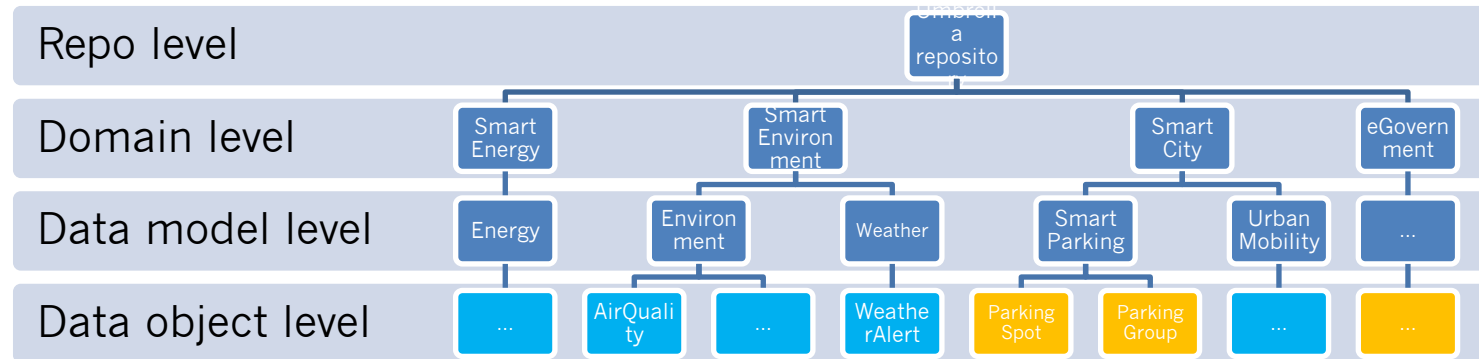




Data Model Taxonomy

Legend:

-  FIWARE data models
-  ICT Hn data models



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Data Model Object Process Overview

- **Check existing** data objects
 - check existing domains and data models [vendor]
- **Use existing** data object
 - use existing ICT Hn data object [vendor]
 - execute flow for new EXTERNAL data object activation [vendor, ICT Hn]
- **Submit new** data object
 - Incubate new ICT Hn data object [vendor]
 - harmonize ICT Hn data object [vendor, ICT Hn]
 - publish ICT Hn data object [ICT Hn]



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Popular repositories

Customize your pins

[incubation-data-models](#)

Incubation data models

**Incubation
phase**

[harmonization-data-models](#)

Harmonization data models

**Harmoniza
tion phase**

[domain.SmartCity](#)

SmartCity domain

**Domain
view**

[dataModel.SmartMobility](#)

Data model for SmartMobility

**Data model
view**


[dataModel.SmartParking](#)

Data model for SmartParking

**Data model
view**




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 **gterseglav** Merge pull request #3 from data-model-harmonization/develop ... 1ab3ffc 15 minutes ago 🕒 7 commits

 [dataModel.SmartMobility @ 2432c0d](#) Added new submodule SmartMobility to SmartCity domain 23 minutes ago

 [dataModel.SmartParking @ 31384a5](#) Added new submodule SmartParking to SmartCity domain 18 minutes ago

 [.gitmodules](#) Added new submodule SmartParking to SmartCity domain 18 minutes ago

 [README.md](#) Updated data model table 40 minutes ago

README.md 

domain.SmartCity

Domain

Introduction

SmartCity domain represents one of the top level domains in ICT Hn repository.

Data models

Data models

Following table lists supported data models under SmartCity domain.

Data model	Description	URL
SmartParking	Smart parking data model	
SmartMobility	Smart mobility data model	



data-model-harmonization Added data objects for SmartParking data model

6556c42 6 minutes ago 🕒 2 commits



README.md

Added data objects for SmartParking data model

6 minutes ago

README.md



dataModel.SmartParking

Data model

Data model for SmartParking

Data objects

Data objects

Following table lists supported data objects under SmartParking data model.

Data object	Owner	URL
ParkingGroup	FIWARE smart data models	https://github.com/smart-data-models/dataModel.Parking/tree/master/ParkingGroup
ParkingSpot	FIWARE smart data models	https://github.com/smart-data-models/dataModel.Parking/tree/master/ParkingSpot