

# FIWARE: helping Smart Cities in their transformation journey

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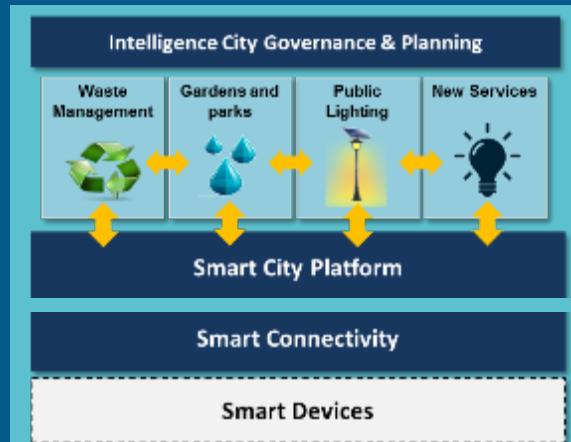
## Efficient and Open

- Vertical solutions (some being IoT-enabled) bringing efficiency in silos
- Historic data as open data
- Information still in vertical silos, no global picture



## Truly Smart

- Horizontal platform gathering “right-time” context info from different vertical services
- Common information models
- Smart City Governance Solutions



## Unleashing Right-time Open Data

- right-time context info published to third parties
- authorization and access control (API management)
- open innovation ecosystem



## Support to Data Economy

- city as a platform including also 3<sup>rd</sup> party data enabling innovative business models
- open and commercial data enabling multi-side markets



# Driving de-facto standards: Smart Cities



Involving 117+ cities in 24+ countries.

All of them agree to foster adoption of common principles:

- Common API: FIWARE NGSIv2
- Compatible Open Data Publication platforms
- Collaboration in definition of data models



The FIWARE Context Broker Technology has been announced as a new CEF (Connecting Europe Facility) Building Block on 05.02.2018

Enabling public and private sector solutions regarding publication of right-time data

The European Data portal will evolve to incorporate ability to publish right-time Open Data



ETSI created Jan 2017 a new Industry Specification Group on cross-sector Context Information Management (ISG CIM) for Smart Cities applications and beyond.

FIWARE NGSIv2 was the starting point for the CIM API to be specified: NGSI-LD

The SPEC was published on April 25<sup>th</sup>, 2018.

This is FIWARE



- A scalable open source platform to access and manage heterogeneous context information through open APIs
- A standard for exchange of context information:  
**FIWARE-NGSI** (Next Generation Service Interface)
- Generic Enablers and Solutions to provide Smart Services with the **FIWARE Context Broker** as main component

# Thank you!

<http://fiware.org>

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