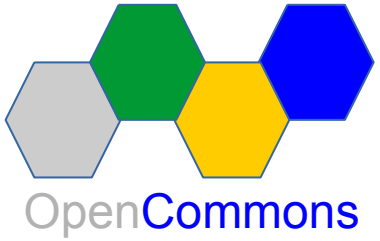
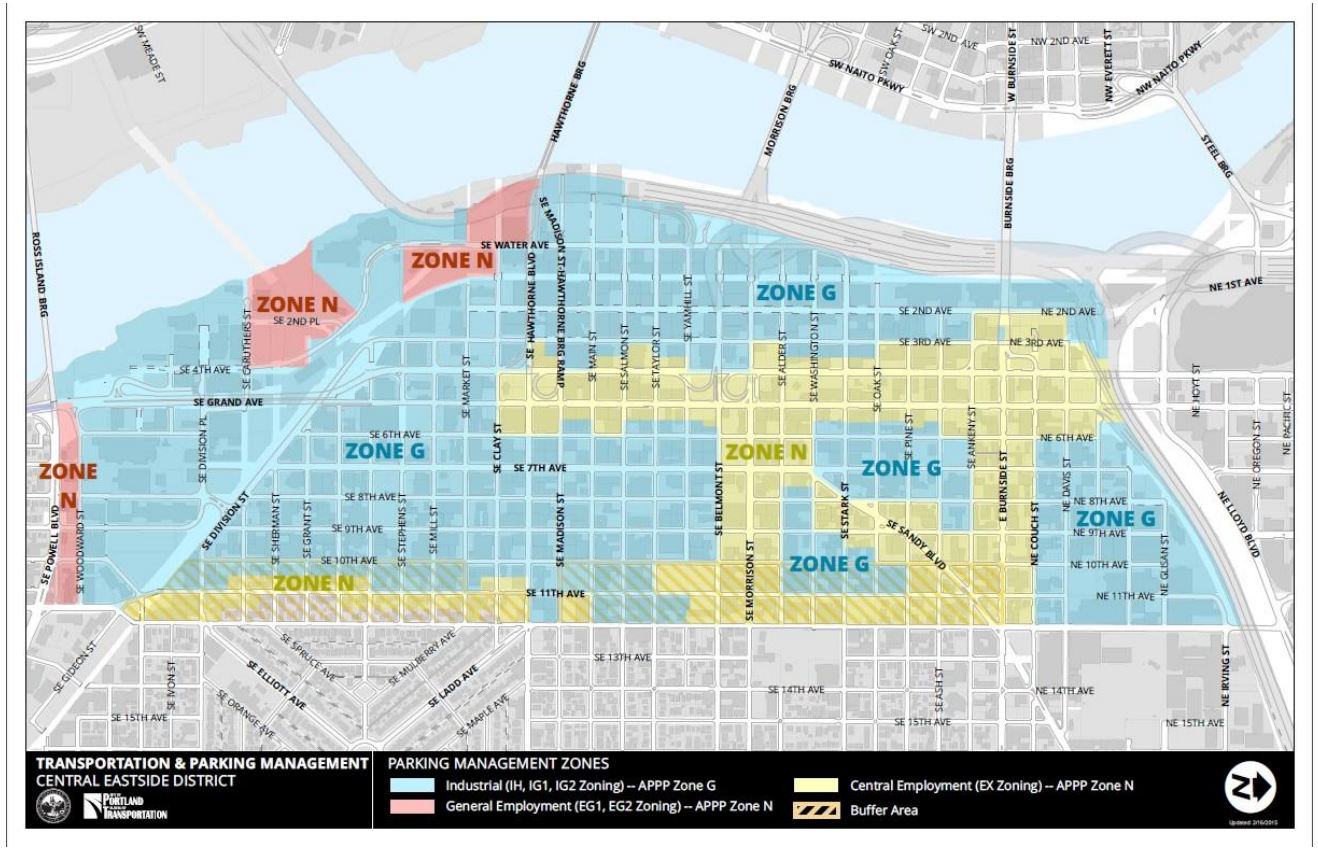



# City Platform Demonstration

# Transit Behavior Demonstration

OpenCommons




# Using IES-City Framework

OpenCommons

https://pages.nist.gov/smartcitiesarchitecture/

NIST National Institute of Standards and Technology U.S. Department of Commerce

NIST Website | About NIST | usnistgov on Github

## International Technical Working Group on IoT-Enabled Smart City Framework

Two barriers currently exist to effective and powerful smart city solutions. First, many current smart city ICT deployments are based on custom systems that are not interoperable, portable across cities, extensible, or cost-effective. Second, a number of architectural design efforts are currently underway (e.g. ISO/IEC JTC1, IEC, IEEE, ITU and consortia) but have not yet converged, creating uncertainty among stakeholders. To reduce these barriers, NIST and its partners convened an international public working group to compare and distil from these architectural efforts and city stakeholders a consensus framework of common architectural features to enable smart city solutions that meet the needs of modern communities.

Pivotal **Points of Interoperability** (PPI)
**Zones** of Concern

NIST National Institute of Standards and Technology U.S. Department of Commerce

ANSI

U.S. GREEN BUILDING COUNCIL USGBC

ETSI World Class Standards

Ministry of Science and ICT

TIA ADVANCING GLOBAL COMMUNICATIONS

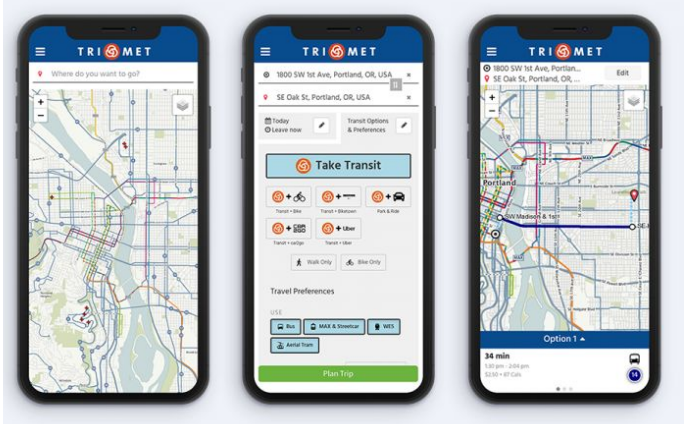
ENEA Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile

FIWARE

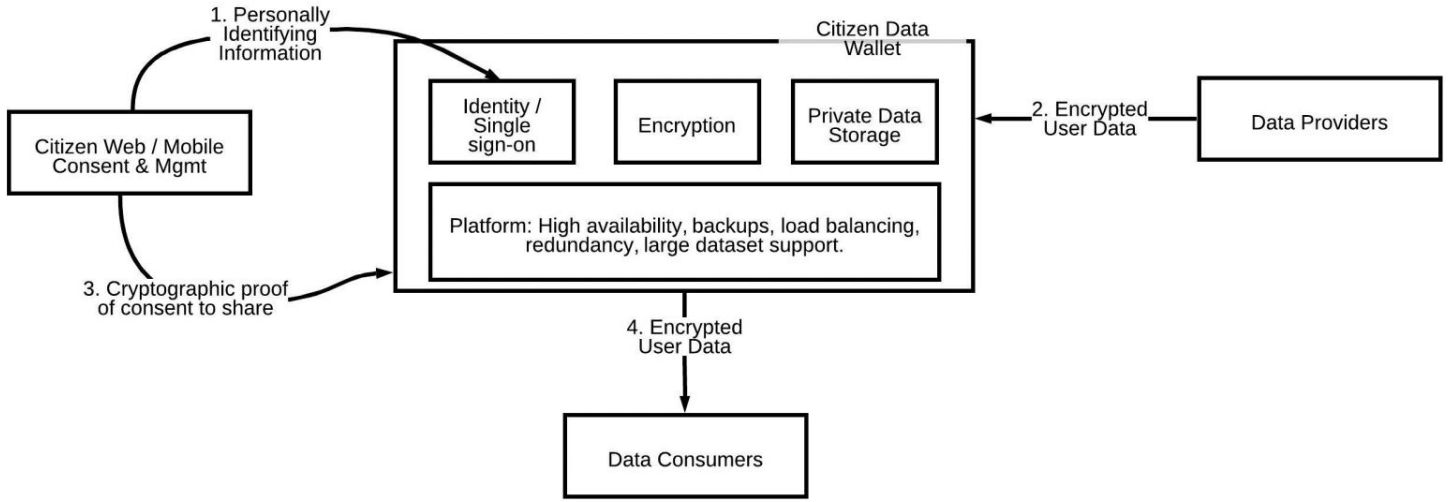
# Secure Data Wallet

TOZNY

OpenCommons




**Citizen Data Wallet Concept Dataflow**



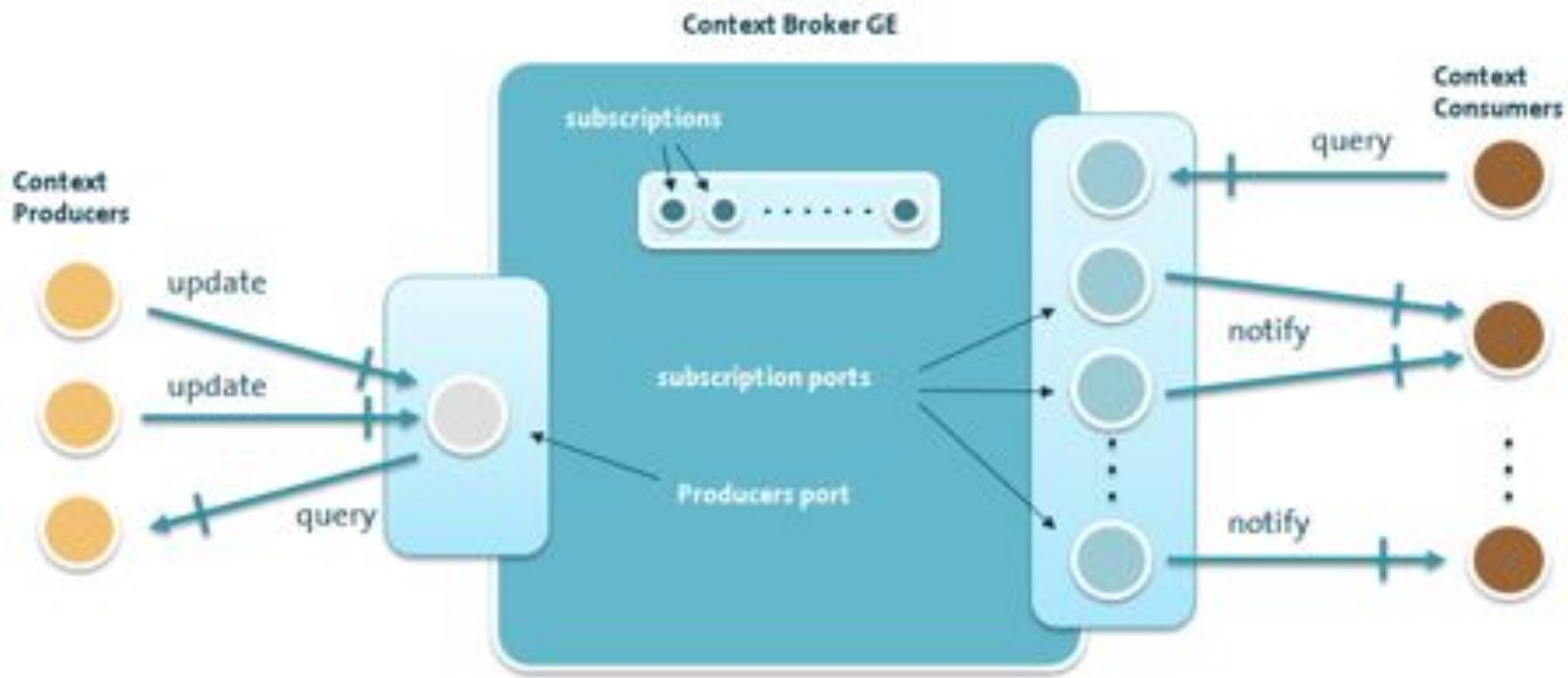
# Dynamic Services

eclipse

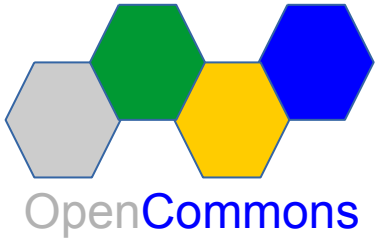
OpenCommons

equinox
OSGi

# Context Broker

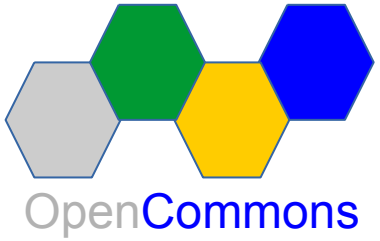


# Identity




Intel?
IOTA?
Others

# Contract Language




Solidity?