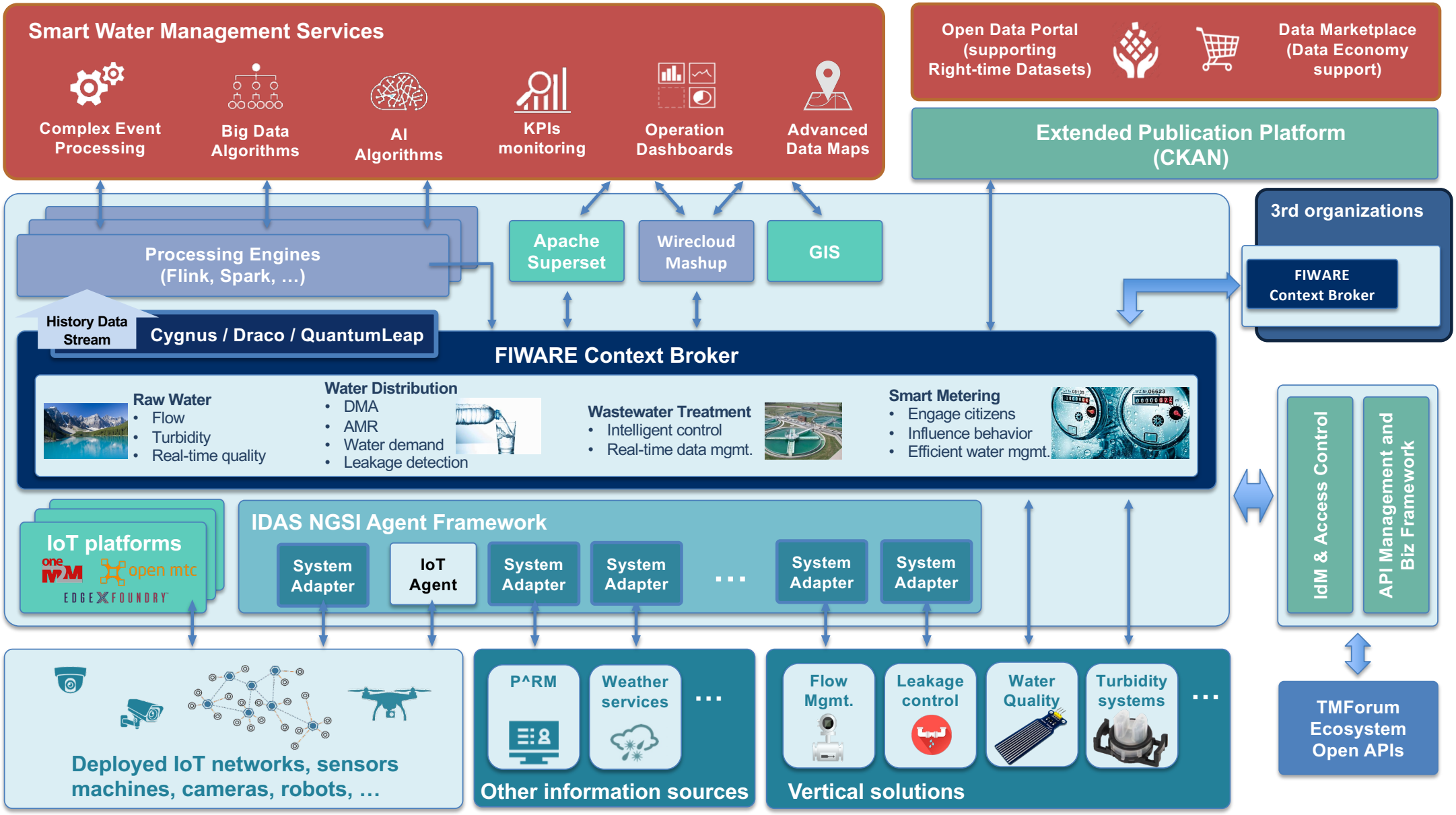
Smart Water Management Services
Complex Event Processing
Big Data Algorithms
AI Algorithms
KPIs monitoring
Operation Dashboards
Advanced Data Maps
Open Data Portal (supporting Right-time Datasets)
Data Marketplace (Data Economy support)
Extended Publication Platform (CKAN)
3rd organizations
FIWARE Context Broker
Processing Engines (Flink, Spark, ...)
Apache Superset
Wirecloud Mashup
GIS
History Data Stream
Cygnus / Draco / QuantumLeap
FIWARE Context Broker
Raw Water
Flow
Turbidity
Real-time quality
Water Distribution
DMA
AMR
Water demand
Leakage detection
Wastewater Treatment
Intelligent control
Real-time data mgmt.
Smart Metering
Engage citizens
Influence behavior
Efficient water mgmt.
IoT platforms
oneM2M
open mtc
EDGEXFOUNDRY
IDAS NGSI Agent Framework
System Adapter
IoT Agent
System Adapter
System Adapter
...
System Adapter
System Adapter
IdM & Access Control
API Management and Biz Framework
Deployed IoT networks, sensors machines, cameras, robots, ...
P^RM
Weather services
...
Other information sources
Flow Mgmt.
Leakage control
Water Quality
Turbidity systems
...
Vertical solutions
TMForum Ecosystem Open APIs