Artificial Intelligence 4 Big Data - AI4BD

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Making transport smarter, leveraging the human factor.

Big Data platform
- ✓ Open-source technology covering entire value chains
- ✓ Empowered by open innovation and crowdsourcing
- ✓ Leveraging a rich collection of diverse data sources

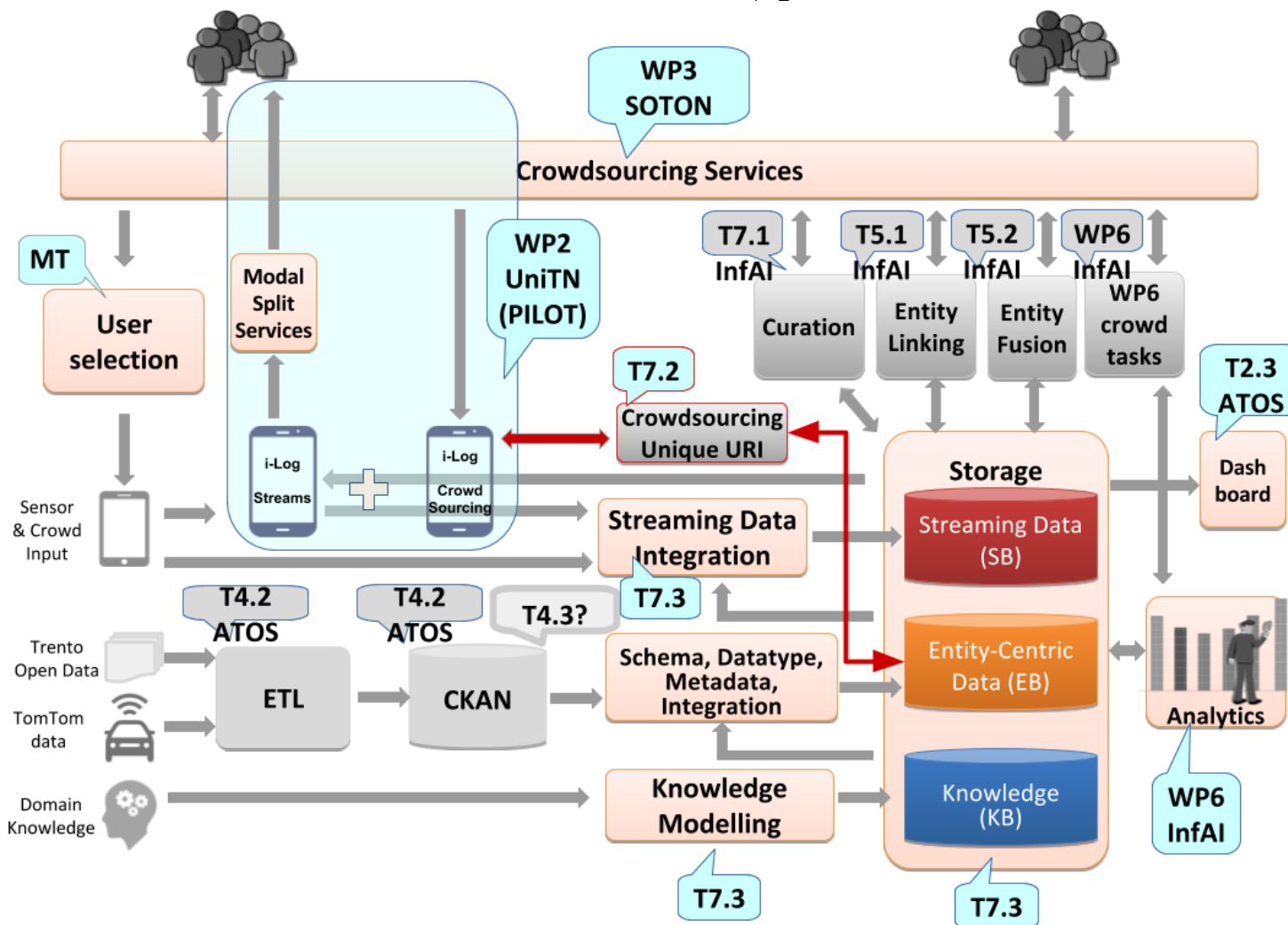## Create Big Data value chains in smart transportation
- ✓ Public sector (City of Trento, Italy)
- ✓ Navigation, traffic, and map software (TomTom)

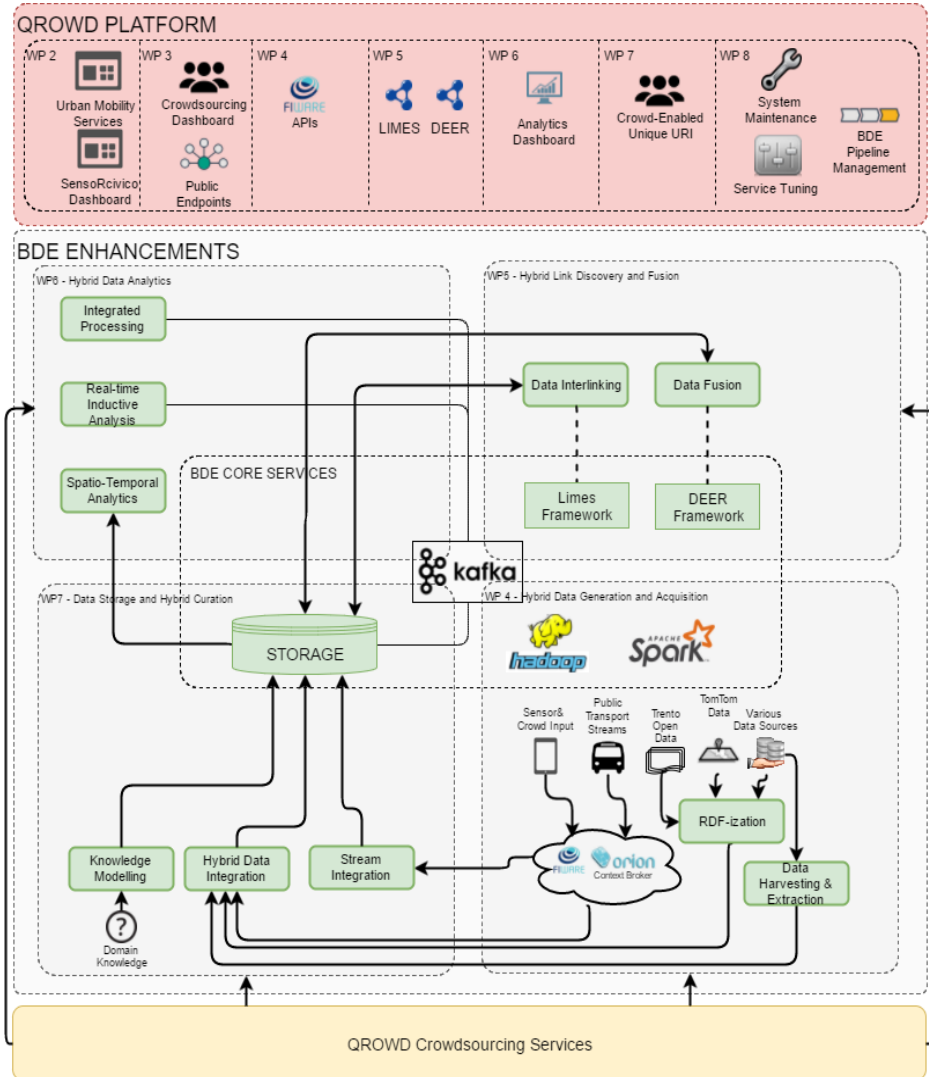## Contributing to global standardisation efforts in the field
Open and Agile Smart Cities - Open Government Partnership - FIWARE - W3C
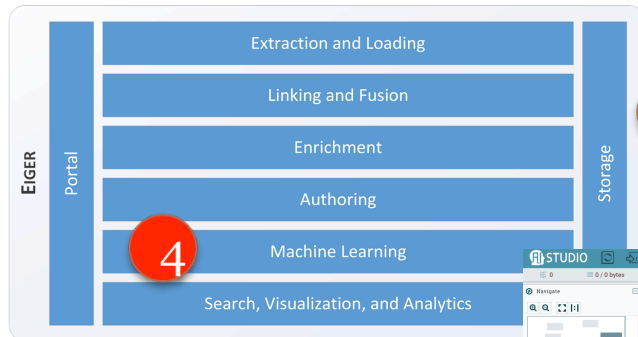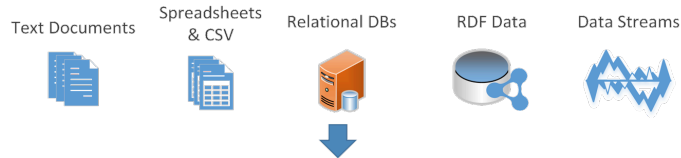
QROWD Data Integration View

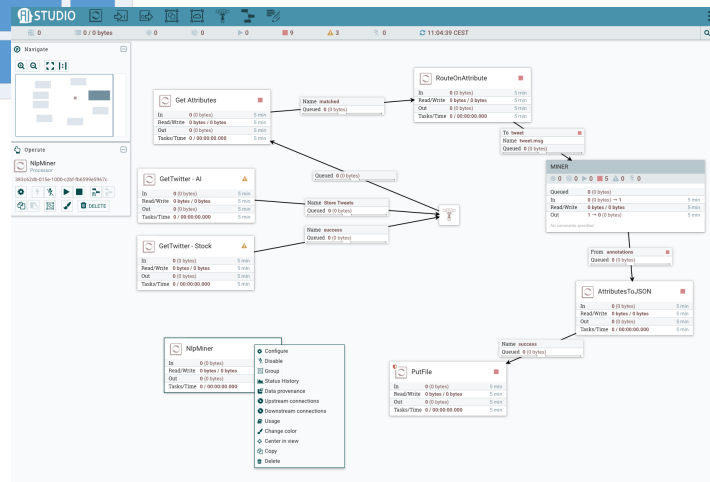Date 20.09.17

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QROWD Architecture

Date 20.09.17

I4.0/IoT/Predictive Maintenance

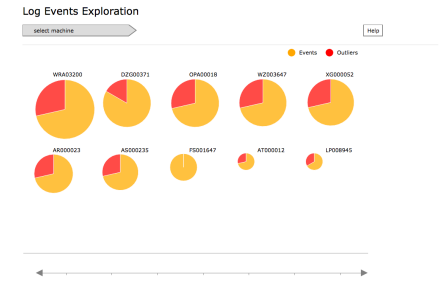**1** ERP (SAP)
SD/MM/PP/HR

2 IoT/Sensor
Prod.-Machinen

Visualise Anomaly
Events and correlated data

Text Documents

Spreadsheets
& CSV

Relational DBs

RDF Data

Data Streams

Eiger / Portal

Extraction and Loading

Linking and Fusion

Enrichment

Authoring

4 Machine Learning

Search, Visualization, and Analytics

Storage

3

Administrator or
Data Scientist

User

20.09.17

5
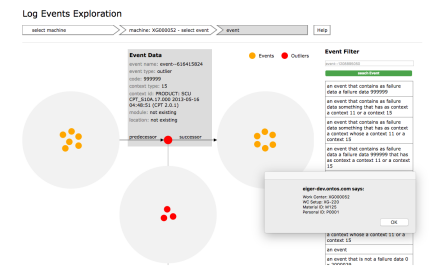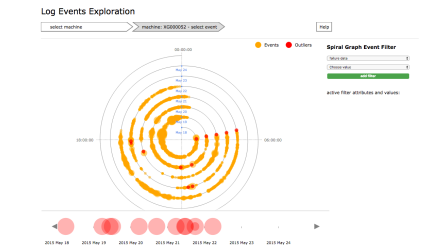
AI on Big Linked Data
"D3M – Data Driven Decision Making"

Thank You

ai4bd | Daniel Hladky

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