

IoT enabling Smart Cities Awareness

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There's plenty of sensors

Choosing sensors

- Acoustic
- Elect/Magn
- Optical
- Radiation
- Chemical
- Mechanical
- Thermal
- Spatial
- Bio
- Material
- Virtual



- Use what's already there
- Piggy back on infrastructures
- Go Virtual

Infrastructures



Regulation

Connectivity Infrastructure

Services Infrastructure

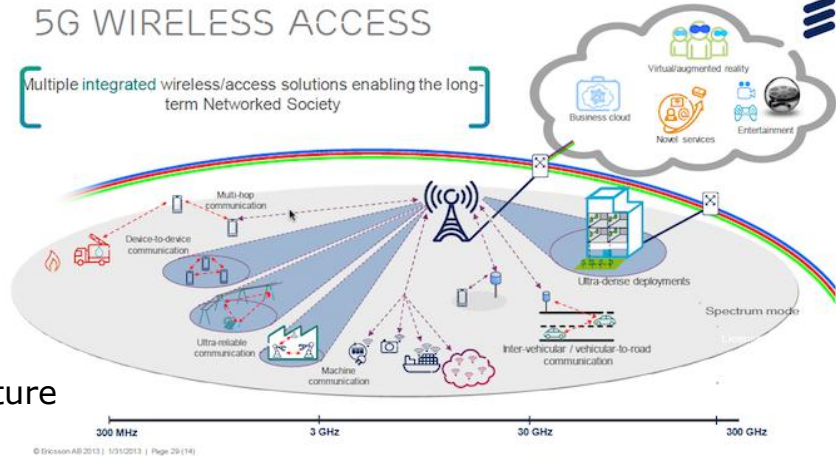
Awareness Infrastructure

Perceptive Infrastructure

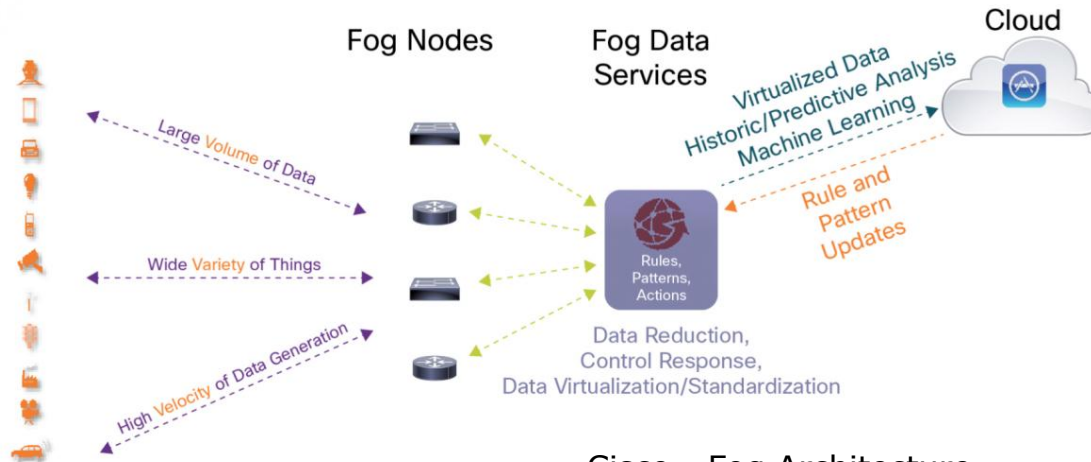
Economics

IoT fabric

- 5G
- Fog



Ericsson - 5G Architecture



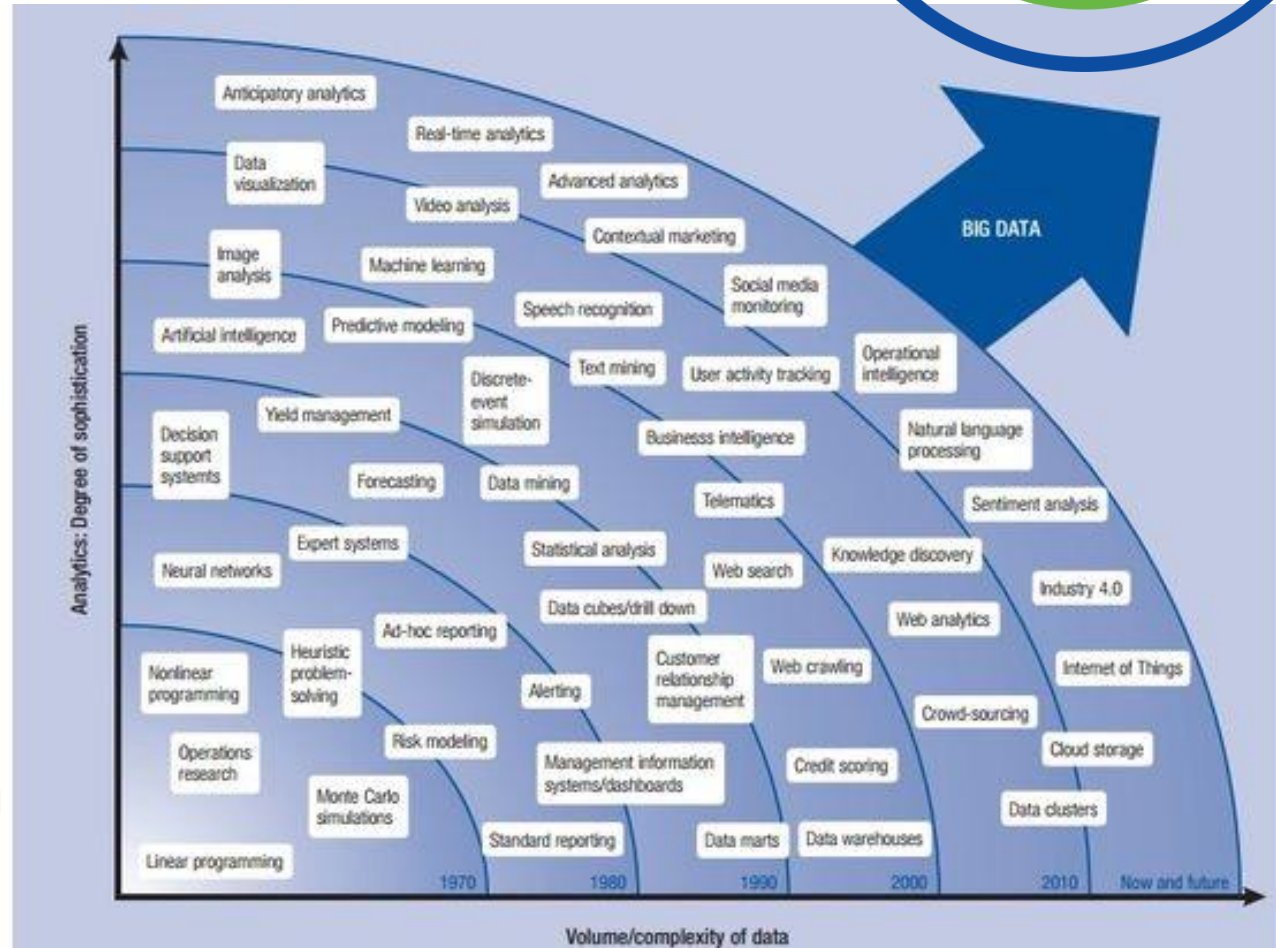
Cisco - Fog Architecture



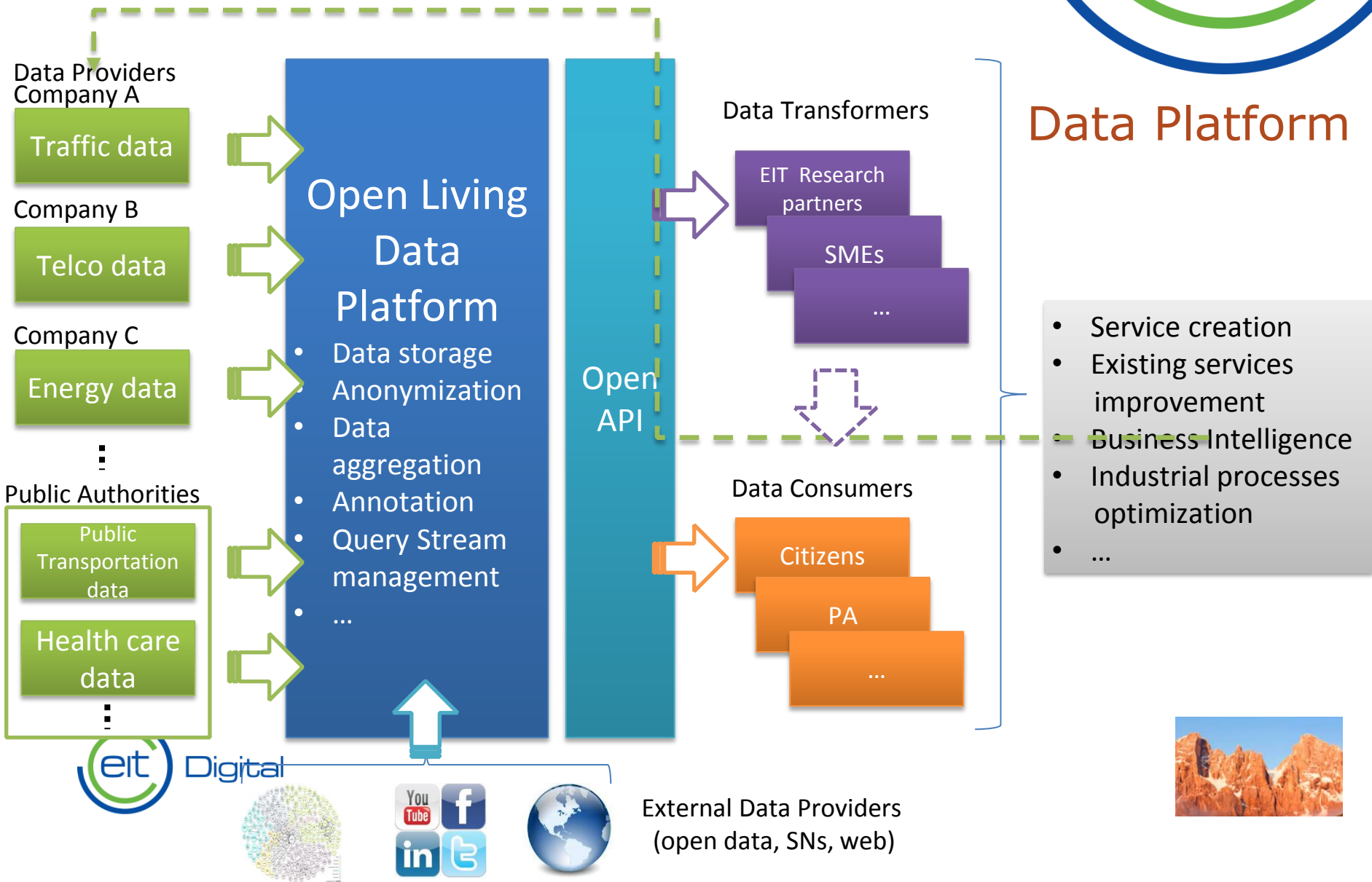
Buiding the Data Fabric

From the
ExaByte Era

To the
ZettaByte Era



Data Fabric

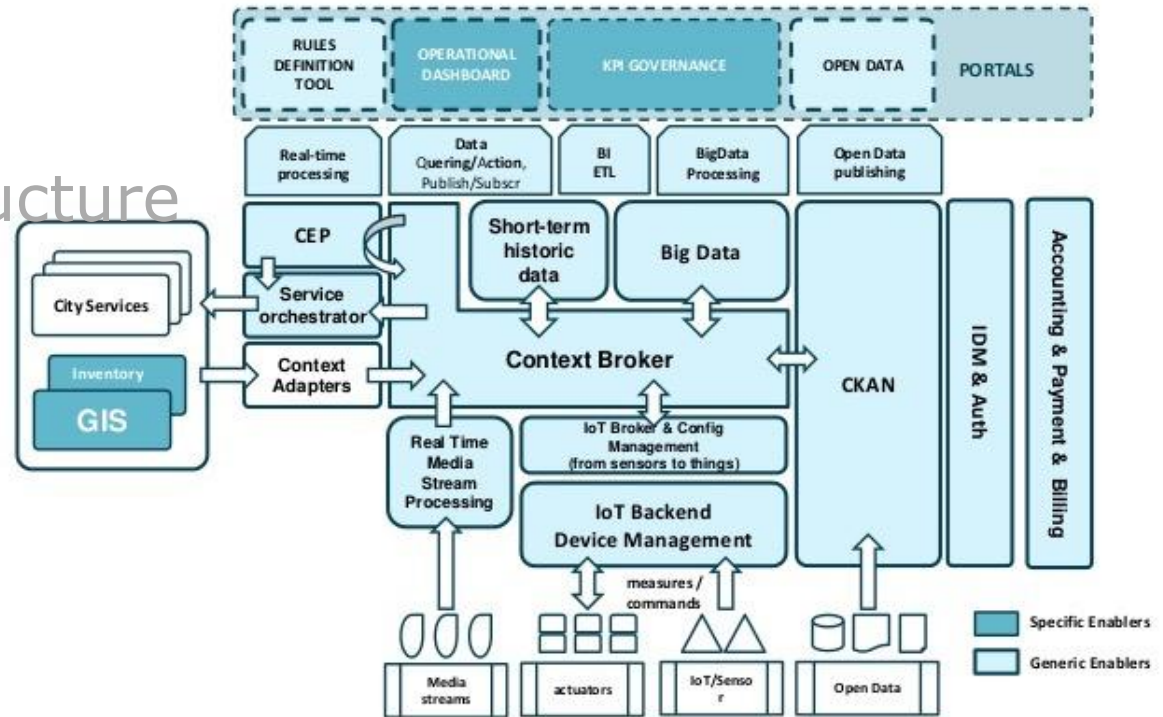


A City: an economy booster

Making Platform useful

- Enabling a Service Infrastructure
- SOA
- FIWare

FIWARE Overall Architecture



Technology Forecast for Smart Cities

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