

S8 - Digitalization Transforming Economy and Society

Moderator: Christophe Aubry de Maraumont

Panel composition

- **Mr Christophe Aubry de Maraumont (IS-Practice):** Moderator – IoT and interoperability
- **Mr Tom Togsverd (Indesmatech):** Industry 4.0: Danish business cases and focus on SMEs
- **Mr Knud Skouby (Aalborg University):** Blockchain
- **Ms Carla Langjahr (ARServices):** Industry 4.0 for the commercial & defense industrial base
- **Ms Samia Melhem (World Bank Group):** Role of government and impacts of IR 4.0 on developing countries
- **Dr Azmizan Abdul Rashid (Urbanice Malaysia):** Impact of Industry 4.0 on a developing country: Malaysia
- **Mr Scheimann (TOPGlobal):** Sustainable development and digital transformation, example of the coffee e-farming in Kenya
- **Mr André Laperriere (GODAN):** E-farming and digital agriculture

IoT and interoperability: the bIoTape project use case

Christophe Aubry de Maraumont

Today's IoT trends



❖ New societal and economic opportunities

- Reducing costs for societies
- Increasing service for citizens
- Fostering sustainable economic growth

❖ Critical obstacle= “vertical silos” of today's IoT landscape

- Lack of interoperability and openness
- Inhibit co-creation of products and services



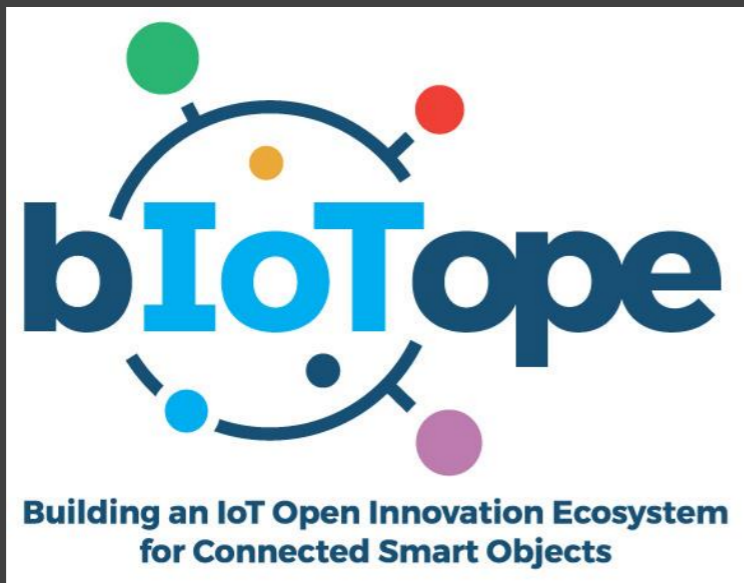
Google Cloud Platform



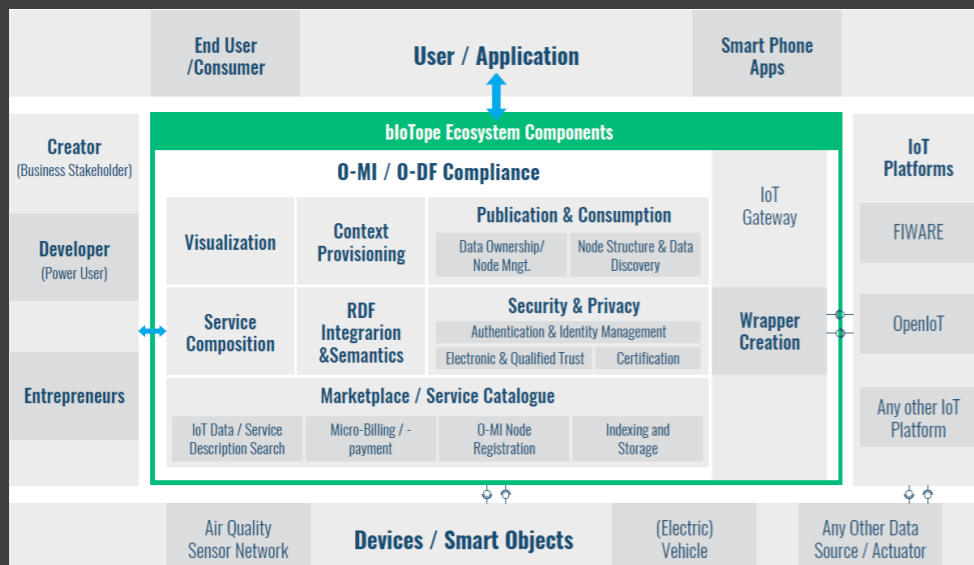
amazon **Private Clouds**
webservices™



SOFTLAYER
an IBM Company



Open building blocks for developing IoT components and entire IoT systems



O-MI and O-DF standards are at the core of bloTope

Flexible IoT systems development

“Everything-as-a-Service” paradigm: deliver essential capabilities for System-of-System



An architecture and methodology for integrators and SME’s to provide tailored IoT turnkey solutions

Some implemented pilots:

Connected bottle banks Smart Parking and charging - **Lyon**

Smart mobility - **BMW** Smart Waste Management- **St Petersburg** Safety Around Schools- **Brussels**

Smart building and equipment - **Enervent** Heatwave mitigation - **Lyon**