

SANTANDER SMART CITY INITIATIVES AND COLLABORATION

GSMA Seminars

IoT Elements: Bringing the Smart City to Life

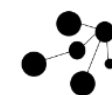
28th February 2017, Barcelona (Spain)

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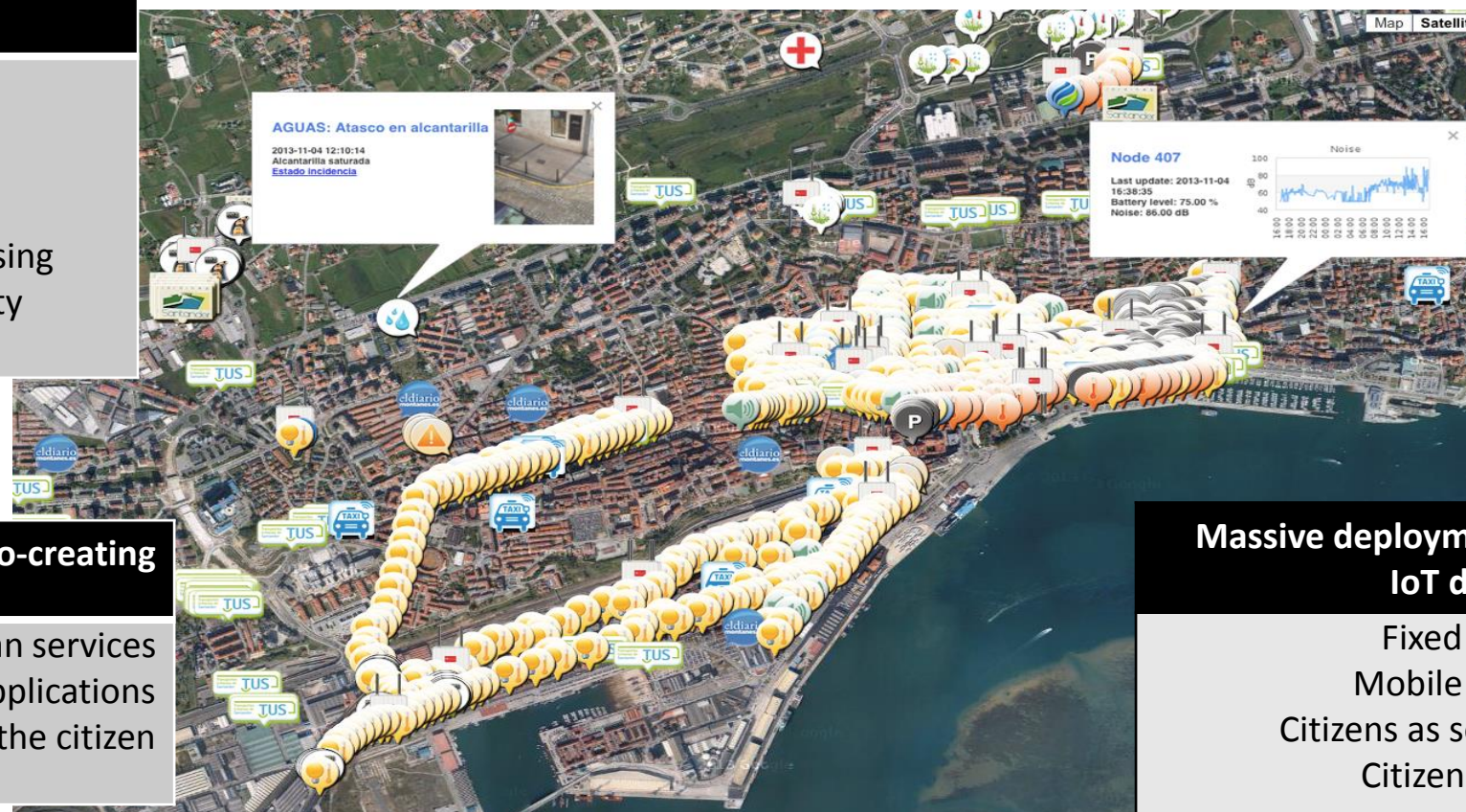




SmartSantander IoT Infrastructure

Service Provision

Mobility
Environmental monitoring
Park & gardens
Participatory Sensing
Augmented Reality
Energy



Co-creating

New urban services
New applications
...relying on the citizen

Massive deployment of IoT devices

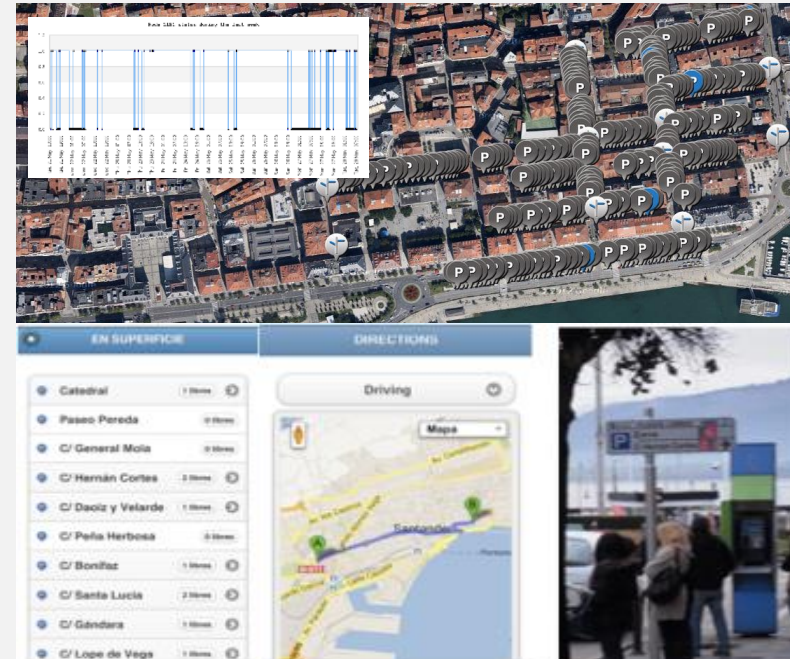
Fixed nodes
Mobile nodes
Citizens as sensors
Citizens Apps

Street Parking Management

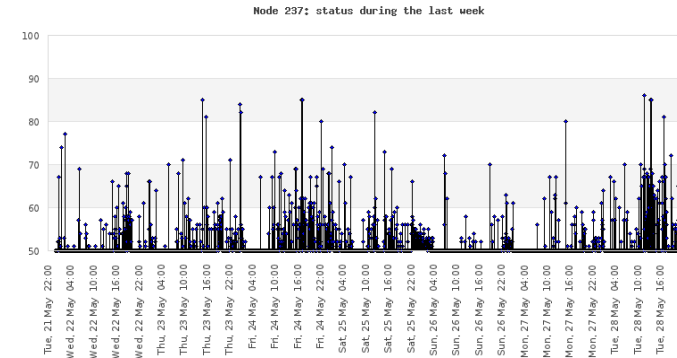
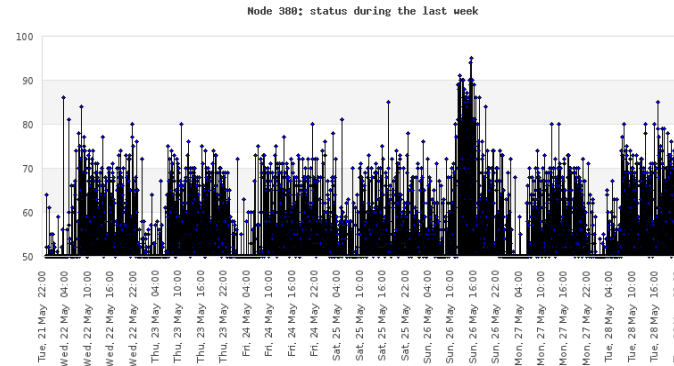
Sensors & Panels installation



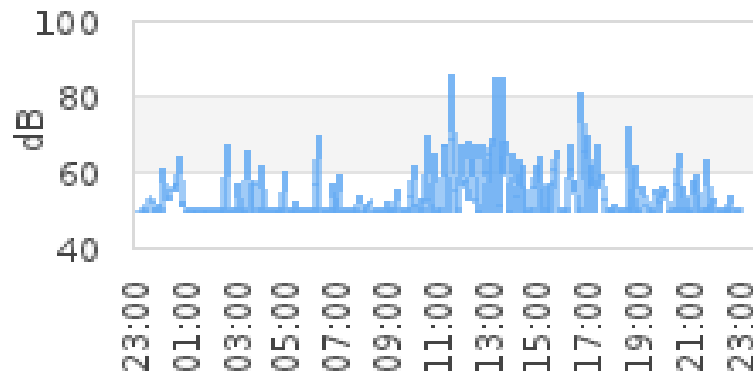
Service Provision & Monitoring

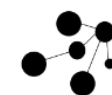


Noise Monitoring

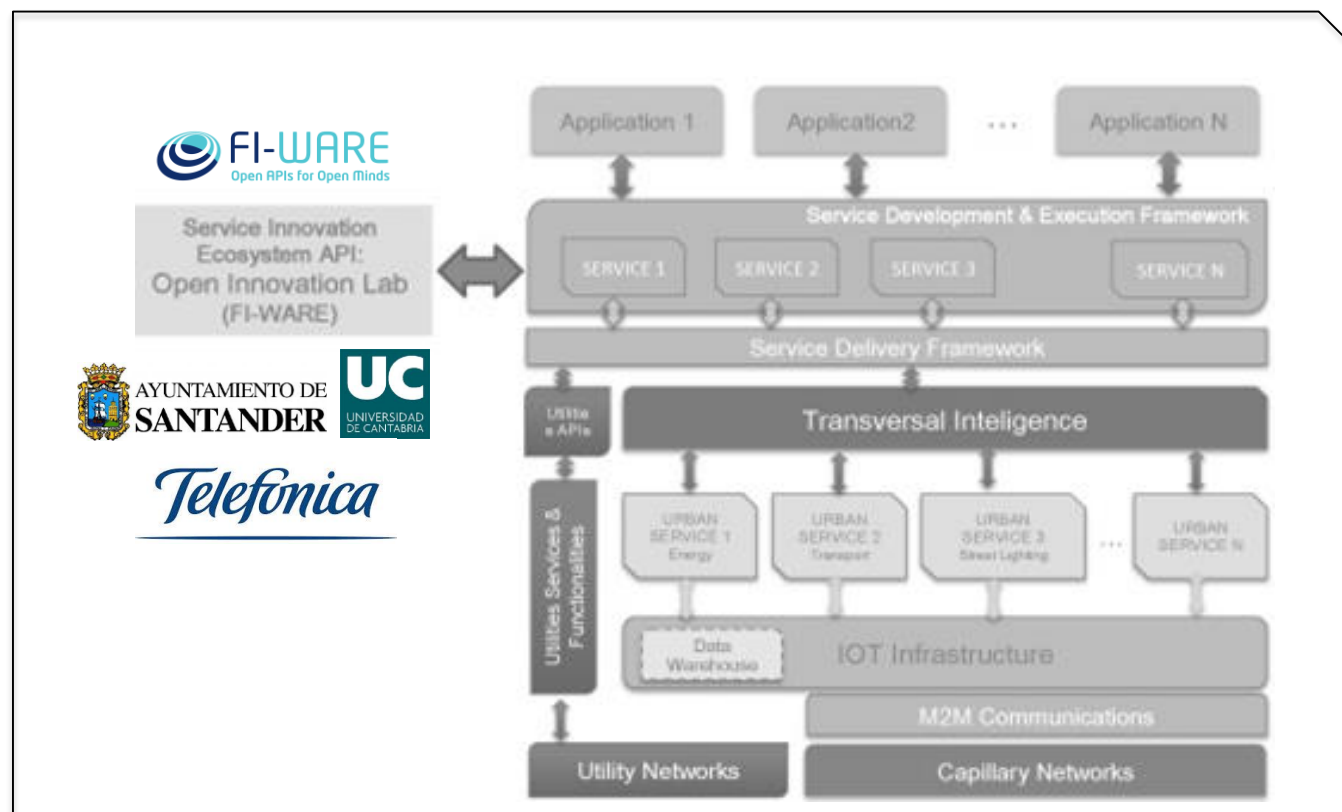


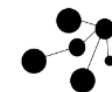
Noise





The Urban Platform

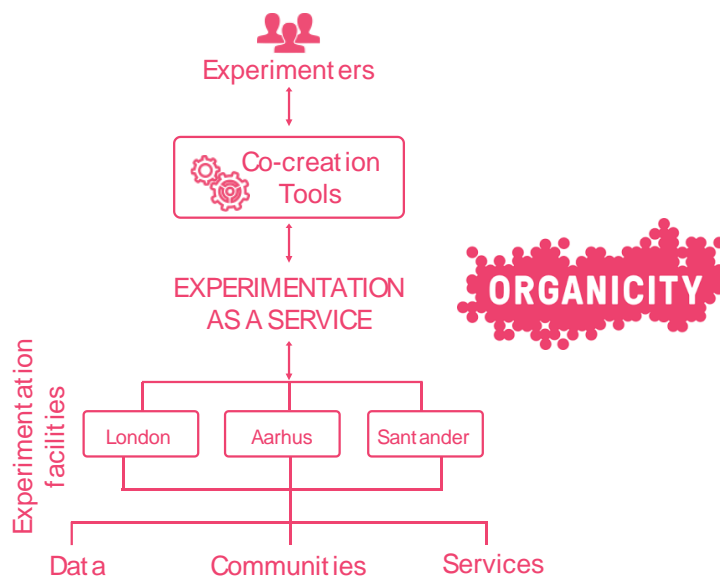




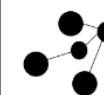
Co-creating the City of Tomorrow

Experimentation as a new urban service

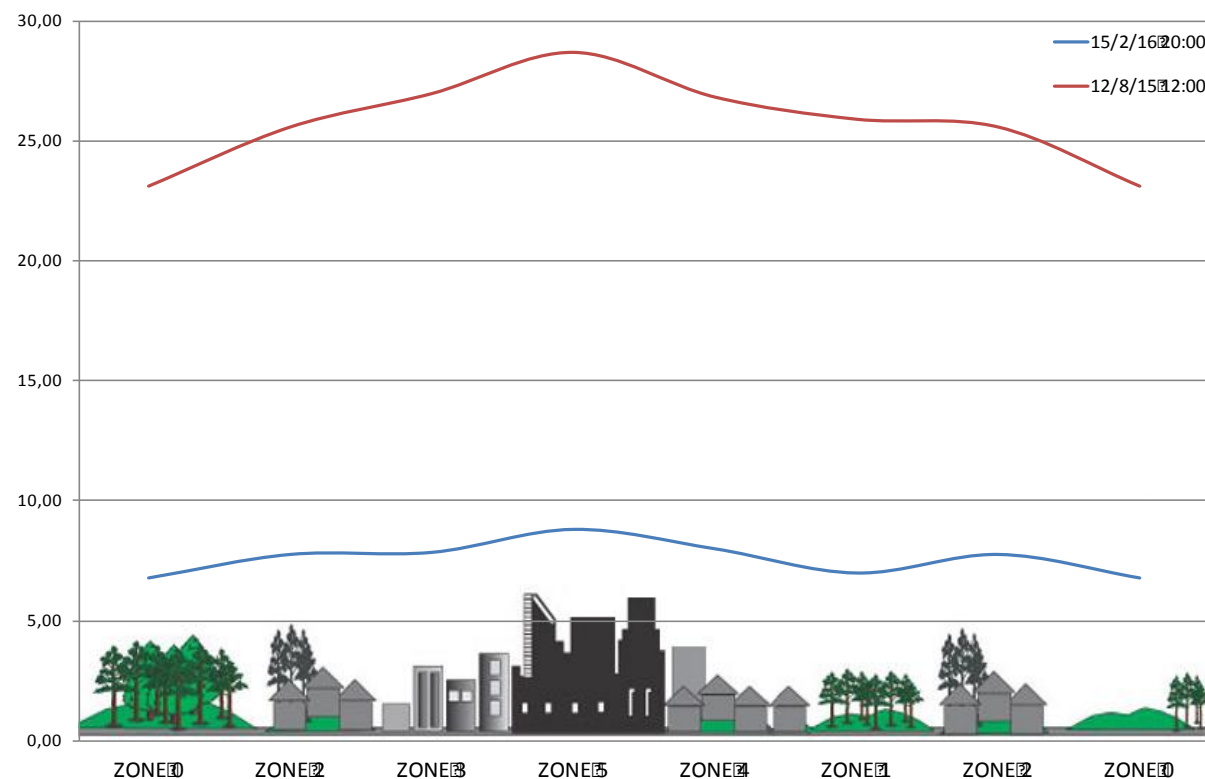
- Lead by the citizen
- Palette of tools

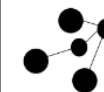




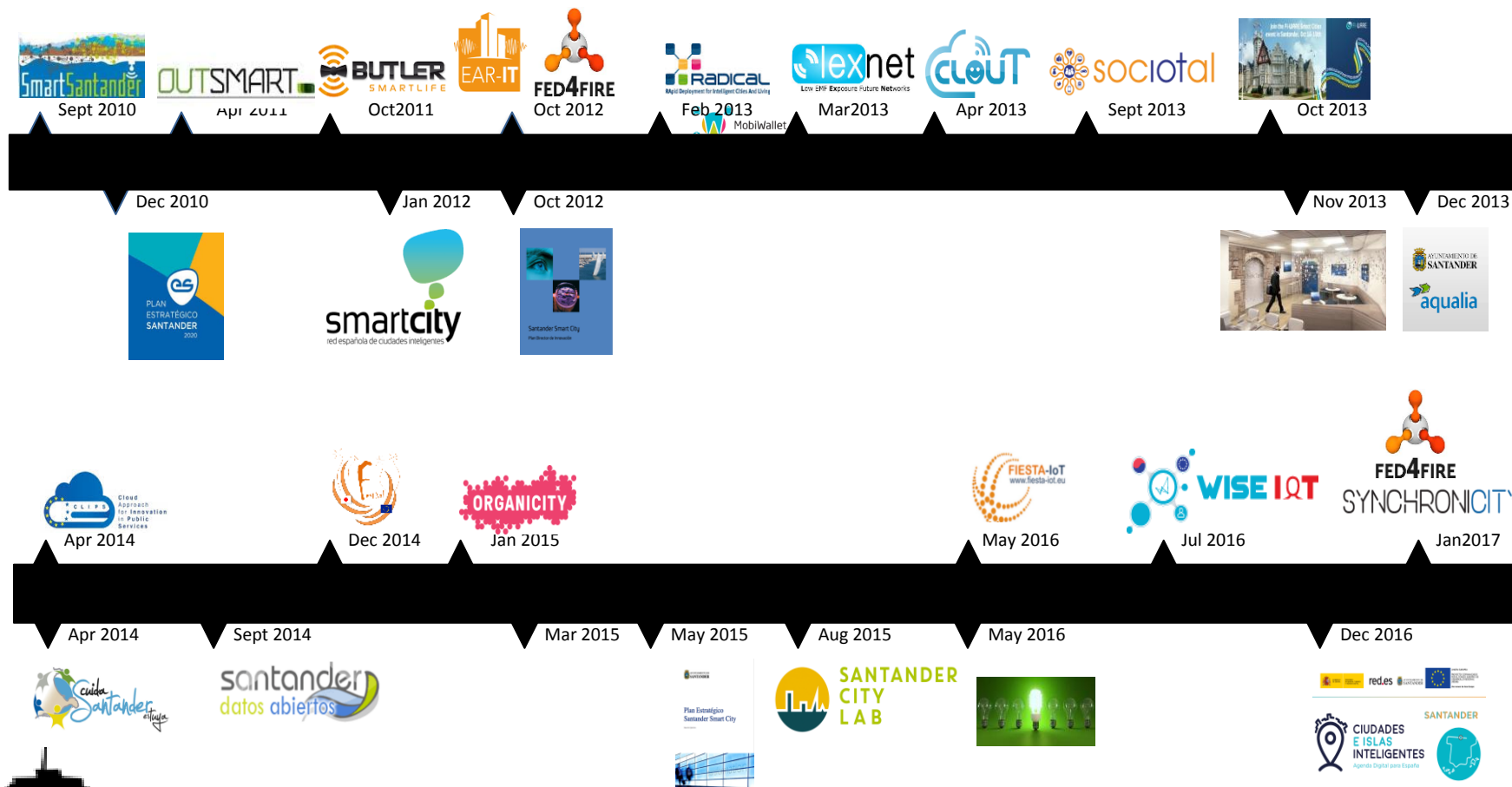


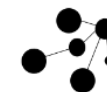
Urban Heat Island Experiment Results





Looking Ahead





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