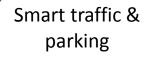


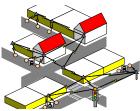
SMART CITY: AN INNOVATION ECOSYSTEM

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Smart city: The present











Smart lighting & environment







Smart parks





Mobile env. monitoring

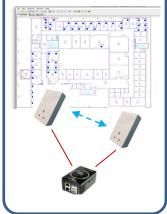




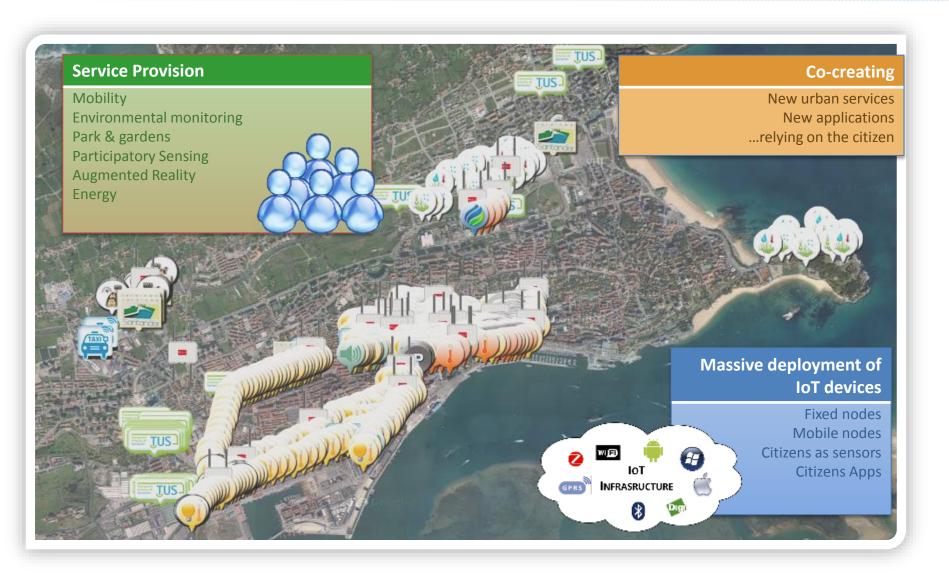


Smart buildings & energy





Smart City: Paving the way for co-creating



Smart cities and tools for co-creating

- Build an experimentation facility for the co-creation of urban services and knowledge from urban sensor data, IoT infrastructure and social data streams generated by citizens
 - The citizen is key and has to be engaged in a participatory approach to contribute to the co-creation of knowledge and services
 - The platform has to provide tools to empower citizen participation and ease the co-creation process
 - Bottom up from citizens not top down from city/tech firms!
- Federation of cities through such a common platform allowing the rapid adoption and propagation of developments tools. This will facilitate the replication of innovation communities.

Smart cities and tools for co-creating: Big data

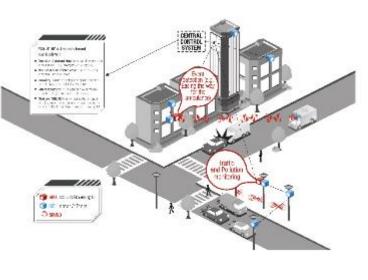
- Big data will be one of the pillars for building autonomic cities.
- Big data alone is not enough. The engine which is able to learn and create knowledge is needed: The city brain
- The city brain requires a **holistic view**: Transversal cooperation among services versus the traditional silos perspective.
- The city of the future has to operate in a predictive (proactive)
 mode instead of reactive one.
- Big data might become one tool for enabling smart cities to organically grow. Hence, stimulating citizens to participate more actively in the design of the forthcoming services and technologies to be adopted by the cities.

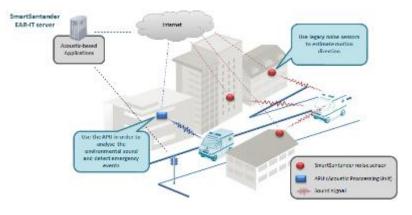
Co-creating relying on the sounds in the city











EAR-IT Traffic Monitoring in SmartSantander

