Cloud of Things for empowering the citizen clout in smart cities

**URBAN CONTEXT-AWARE APPLICATIONS**

- Participatory sensing: keeping citizens in the loop of the city life
- Interactive context-aware city infrastructure
- Sharing user IoT devices in the cloud

**SAFETY, EMERGENCY AND HEALTH MANAGEMENT APPLICATIONS**

- Multimodal transportation service
- City events detection and recommendations for citizens
- Augmented mobility

- Caring of elderly people
- Healthy and active walking support
- Risk warning and alert management

And a lot of other applications...
ClouT application layer (CSaaS) is composed by sample applications developed using the CPaaS and CIaaS APIs and running over the Cloud.

ClouT Platform layer (CPaaS) consists on a set of specialised middleware services that will enable specifically the mash-up and development of applications for the stakeholders in City Ecosystem.

ClouT City Infrastructure (CIaaS) is a set of interconnected physical and logical resources (sensors, actuators and legacy devices, social networks, smartphones) all made homogenous using virtualisation technologies.

ClouT will provide an efficient communication and collaboration platform exploiting all information sources taking benefit of the latest advances in Internet of Things and Cloud domains.

ClouT makes the cities smarter and helps them facing the emerging challenges such as efficient energy management, economic growth and development.

ClouT’s technical approach is based on typical Cloud stratification:

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ClouT applications will be deployed and well tested during field trials in ClouT pilot Cities: Fujisawa, Mitaka, Genova and Santander.

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www.clout-project.eu