GEOSPATIAL WORLD FORUM
15-19 January, 2018, Hyderabad, India

ONE GLOBAL PLATFORM – FOUR KEY EVENTS!

GEoBUiZ SUMMIT
15-16 January, 2018

AI & IOT SUMMIT
18-19 January, 2018

GEo4SDGs
Addressing Agenda 2030
18-19 January, 2018

LOCATION WORLD
18-19 January, 2018

CLICK HERE TO KNOW MORE
CLOUD-BASED OPEN SOLUTIONS FOR PUBLIC ADMINISTRATIONS

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New eGovernment processes
Top-down approach in urban planning

- Already taken decisions
- Lack of meta-data
- Citizens involvement mostly restricted to voting
- Citizens potential not fully used
OPEN GOVERNMENT DATA

- Active stakeholders
- Citizens
- Public Administration
- smarticipate
- Business
- New applications
- Collaboration among departments
Top-down vs. bottom-up

CLOSED DATA
- Bus routes designed by the city
- Kindergartens by the city
- Tree planting by the city

TRADITIONAL PUBLIC SERVICES

PASSIVE STAKEHOLDERS
- NGO
- ACTIVE CITIZEN
- ENTREPRENEUR
- STUDENT
- INVESTOR
- WORKER
- POLITICIAN

NEW PUBLIC SERVICES
- Tree planting by the locals
- Kindergartens by the parents
- Bus routes designed by the users

APPLICATIONS
- User Interface

ACTIVE STAKEHOLDERS
- NGO
- ACTIVE CITIZEN
- ENTREPRENEUR
- STUDENT
- INVESTOR
- WORKER
- POLITICIAN
Pilot cities

Hamburg

Rome

London

Opening up the smart city

- Open more data to citizens
- Turn data into useful information

New public services
Pilot cities

- Hamburg
  - Transparency portal
  - Urban planning with citizens
  - Kindergarten, bus stops
  - Present impacts on construction decisions
- Rome
  - Crowdsourcing of Data
  - Citizen participation only paper-based
  - Participation process not scalable
  - New feedback channels
- Kensington and Chelsea
  - Community Infrastructure Levy – Financing
  - Community Engagement – livable district
  - Hackathons
Benefits and Impact

- **Improve information flow**
  - From and to the citizens
  - Between Departments
  - With urban planners, SMEs, service providers
- **Increase transparency**, turn administration into partner
- **Service Innovation**
  - Generate useful information based on open data
  - Strengthen SMEs (service providers)
The platform

Smart response (Real-time feedback)

Data Set
- Open data
- 3rd party data
- Other data

Smarticipate Engine

Initiators
- Municipality
- Citizens
- Entrepreneurs

Users
- New Public Service

Intelligent search

Context based data retrieval

Semantic integration

Smart input (Real-time input)
Technologies behind - example

- Data store for geospatial files/features
- Schema agnostic
- Format preserving
- Cloud-based
- Easy to use/integrate

https://github.com/georocket/georocket
Benefits for SaaS vendors

Use Cloud
Instead of own infrastructure

Increase productivity
Through the use of high-level APIs

= Save time and money
Benefits for SaaS users

**Use SaaS**
Instead of desktop software

SaaS powered by GeoRocket

**Increase productivity**
Find results faster
Keep original data in a structured way
Increase data value

**Save time and money**
Ecosystem

GeoRocket Pro
Freemium
(Admin UI, Monitoring, Big Data Analytics, 3D & web visualization etc.)

GeoRocket Core
OSS

https://github.com/georocket/georocket
Summary

- Cloud enables and drives the adoption of Software-as-a-Service models
- Services built on top of Cloud infrastructures enable software providers to offer products at lower cost and simultaneously with a higher degree of customization
- Open data – unstructured
- GeoRocket indexer makes it structured
- Intelligent data storage allows to build open data based applications for public administrations
THANK YOU!

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