

SMART GEO GENERATION

New technologies
- what is the purpose?

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Migration to the smart world....

Amsterdam ?



Migration to the
smart world....

Amsterdam ☺





- Our colleagues some time ago
- Doing also surveying, data capturing, mapping, planning, ...

- Also want to get accurate and up to date spatial data
- What makes a different nowadays?



SMART GEO GENERATION

- Tehnology makes a difference



- OneTouch generation



- Crowdsourcing generation

- Apps generation

- Google it generation

- 3D point cloud generation

- Drones generation



- Cloud generation



- Big data generation

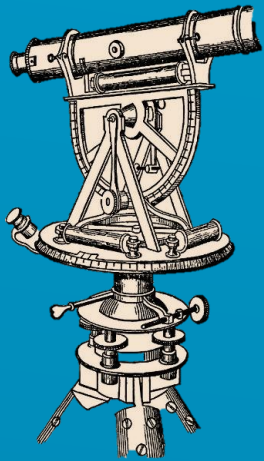
- 3D BIM/GLM generation

- Mobile mapping generation



- Nowadays a lot of very accurate data can be captured within a short period of time
- Outstanding SPECIAL DATA – capturing phase –

well done 😊



- Technology is just a tool we need to learn how to use properly



What's this ?

- Multidisciplinary
- Simplicity

- Cooperation
- Interoperability



- Connectivity
- Better and faster service

- Today's challenge is data sharing and collaboration



- data collaboration phase – SPATIAL KNOWLEDGE –

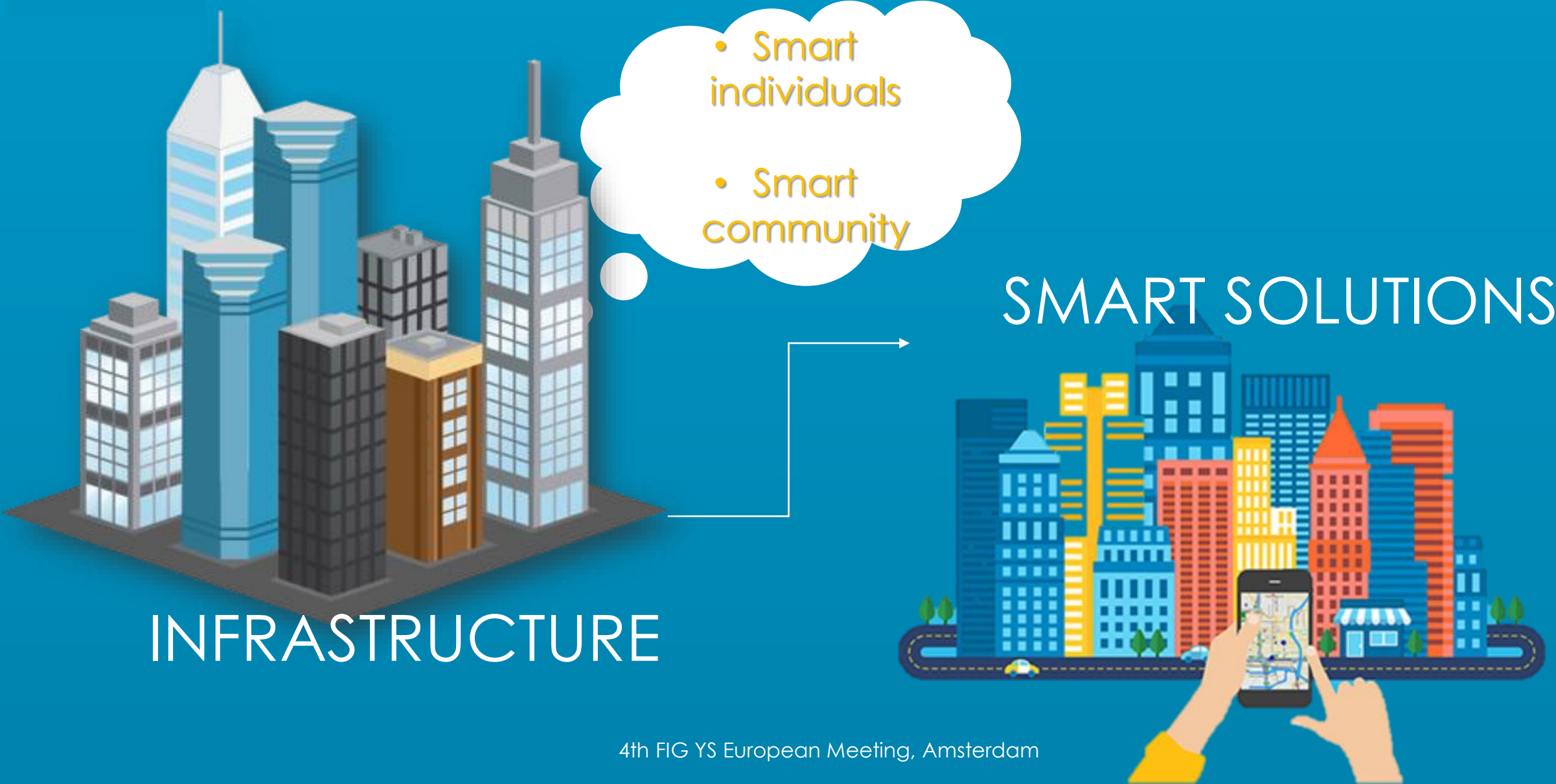
we need to work on this 😊

What Makes a world smart?

- Smart individuals
- Smart community

SMART SOLUTIONS

INFRASTRUCTURE



Who?

We!

Smart geo generation
mutiTouch generation
mutiSense generation
multiShare generation
real time generation



Why?

Because ☺

it's not about technology... iOS,
android, apps, BIM, 3D, drones,
RAM, GB, cloud...

**It's about transparency,
efficiency, saving time, money,
resources....**

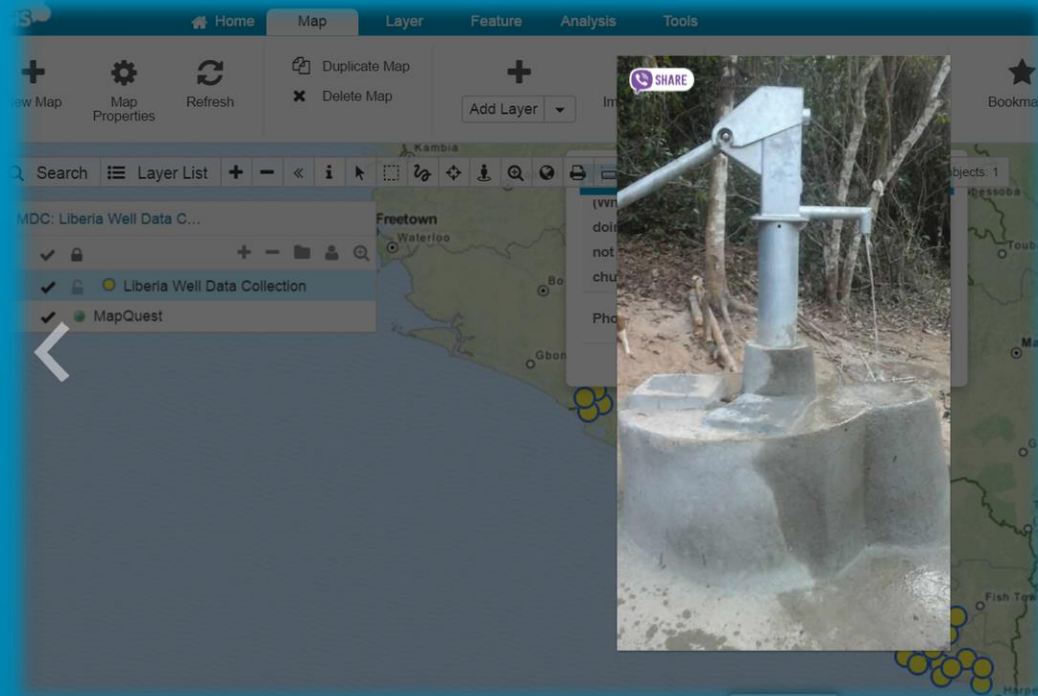
**It's about environment, society,
world citizens..**

**It's about relations...usage
It's about people...**

A few examples as answer ...



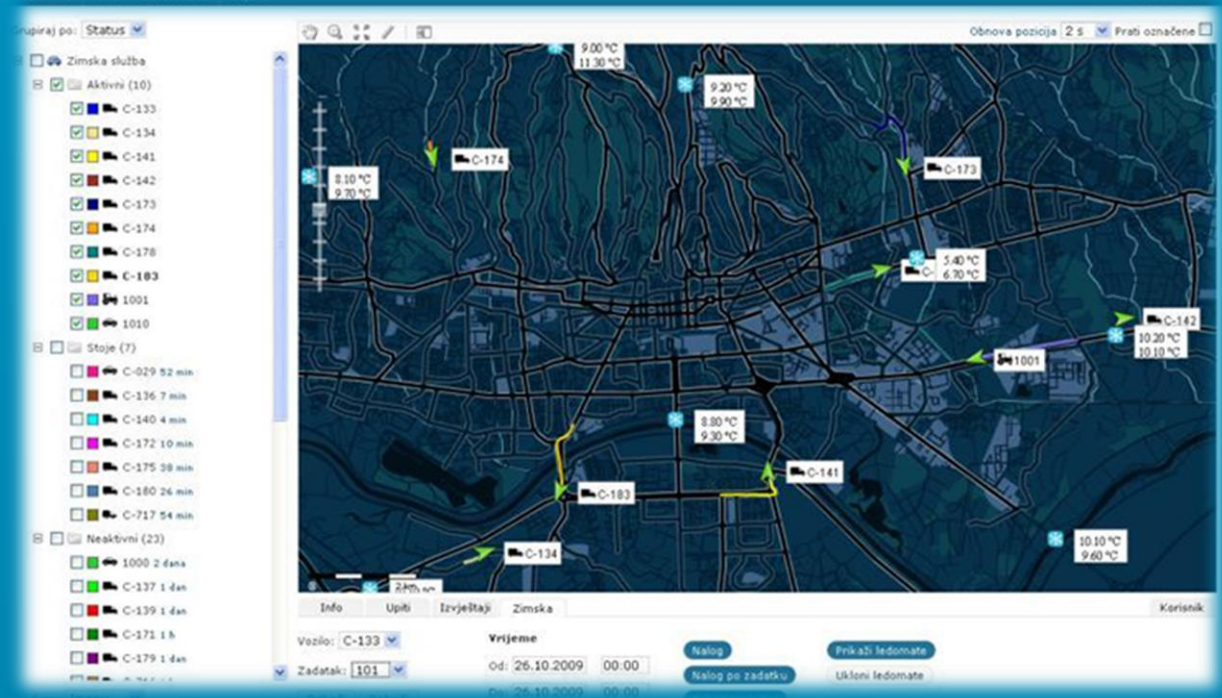
- Give Clean Water Initiative (Liberia, Fiji)
- tracking the distribution of over 100,000 clean drinking filter systems



A few examples as answer ...



- Fighting the Snow with a Fleet Management Solution



A few examples as answer ...



- Precision Agriculture - Combining Remote Sensing & Cloud technology is the future of farming

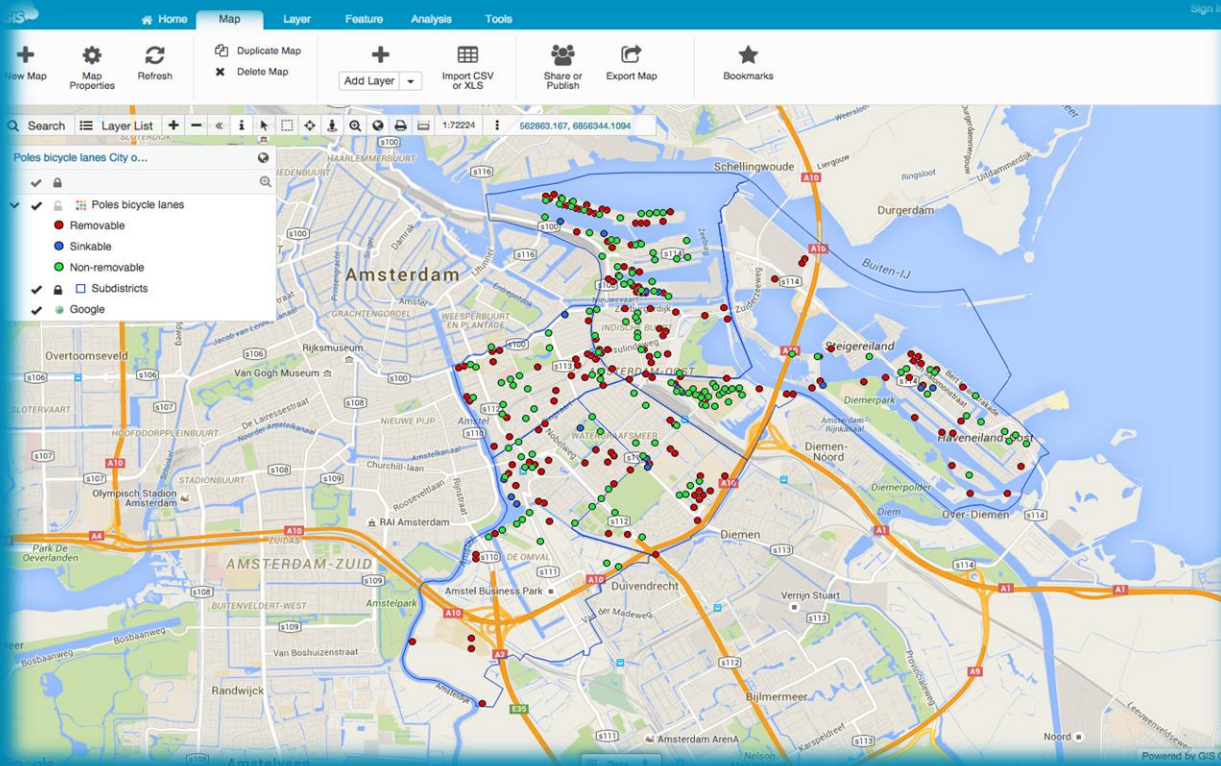


- A few days after the hail, the insurance company used drones to create an overview of the corn field crop damage
- Cooperation between farmer, insurance company, data provider, government office

A few examples as answer ...



- City of Amsterdam - roadworks



- location and status of all road and maintenance works in the city in real time, efficient work planning and tasking, accurate work needs and deadlines



A few examples as answer ...



- Landfill Maintenance and Management: A Remediation Project



Edit attributes Edit geometry Delete Close	
date_	2015-05-20T12:29:00.000Z
FID	2
id	
phase	1
operator	Mike Smith
discription	borehole 1 (May 2015) 16m depth
photos	photo_1.JPG
attachemnt	report.pdf

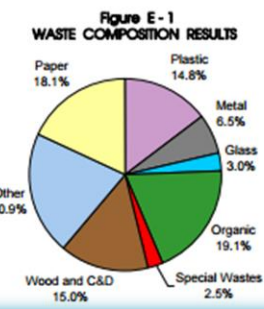
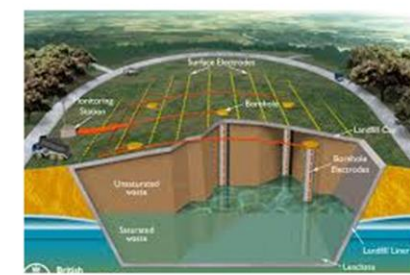
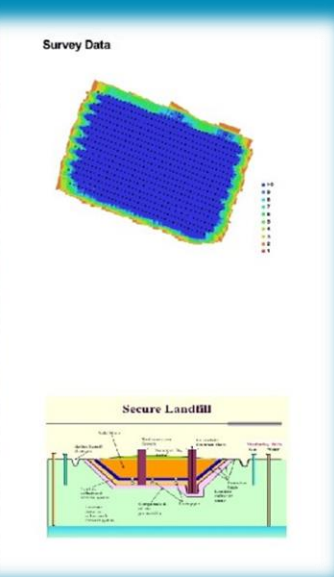
Project collaboration 2015

local_environmental_office

geologist

mapping_company

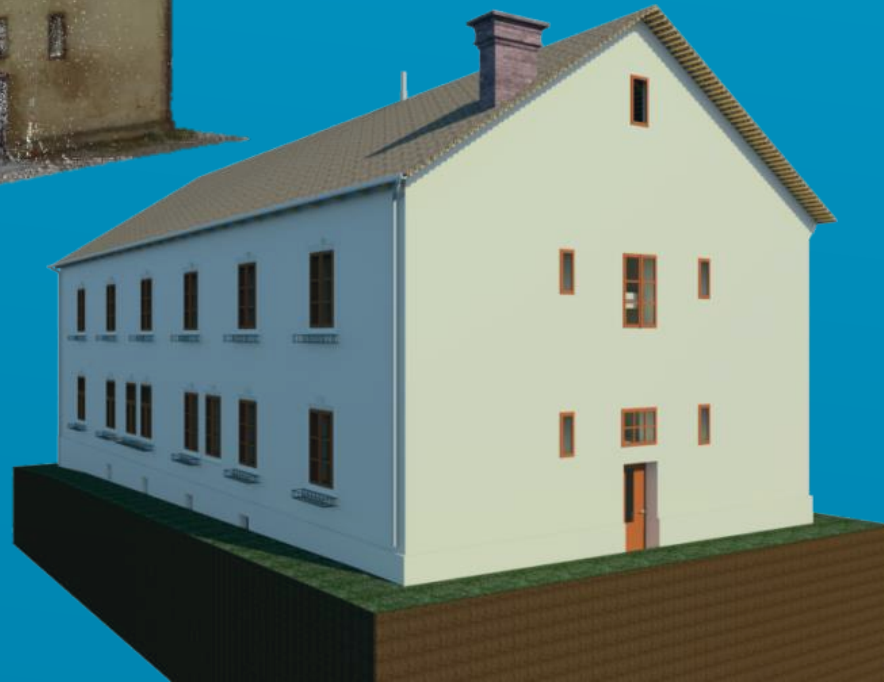
project_manager



A few examples as answer ...



- Adaptive reuse of industrial heritage building
- Scan to BIM (as built documentation)
- Laser scanning and drone mapping data



For more info go to....



www.giscloud.com

or ask a speaker during the coffee break

Thank you for your time

