OPPORTUNITIES WITH NATIONAL AND GLOBAL 3D DATA IN INTERNET APPLICATIONS

BUILD SMARTER CITIES

3D VISUALISATION
COLLABORATION
CROWD SOURCING

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AGENCY

- Swedish software company
- Applications streaming large 3D
- CityPlanner och 3Dmaps SDK
First hurdle – lack of data
Big Data – Access to users
DANMARK
Open Data 3D
• Nationwide terrain and LOD1 buildings
• Hosted and updated
NORWAY
Kommunekart 3D
Kommunekart 3D

- Nationwide terrain with LOD2 building
- Layers for eg parcels, plans
- Sun and shadows
SWEDEN
3Dkartan
Create the 3D scene

- Buildings
- Power distribution
- Streets, property
- Bathymetry
- Point clouds
- Geological
- Forest
Customer provided data

AGENCY9
CityPlanner

Customer account

Private data hosting

Publish (URL, embed code)

Public user

ProUser
View
Edit
Create scenes
Review
Share

3D Processing tools

CityGML

DTM, Ortho, Buildings

Customer account

Private data hosting

Publish (URL, embed code)
Data accessed in e-store

AGENCY9
CityPlanner

3D libraries
Data producer
Cities
UAV operator

3D Data store

Customer account

Private data hosting

Public user

Publish
(URL, embed code)

ProUser

View
Edit
Create scenes
Review
Share
Make available

External Communication

Internal tool and sharing

Administration
City staff

Department

Department

Department

Department

Politician
Stakeholder
Planner
Consultant
Architect
Power to the planner
Dialogue
Summary

• National and global 3D data on rental basis

• Web access and tools supports wide adoption

• Reaching users everywhere on web, tablets and exhibition