GEOSPATIAL-BIM-INDOOR: ROOM FOR INTEGRATION

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GeoBuild, KL, 30 September 2015

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Ordnance Survey

We have been mapping Great Britain since 179

Our data underpins £100 billion of Great Britain's economy

Ve help Great Britain generate £400 million in new revenues every yea

10,000 mapping updates every day

Who we are

Over 3,500 Public Sector organisations using our data

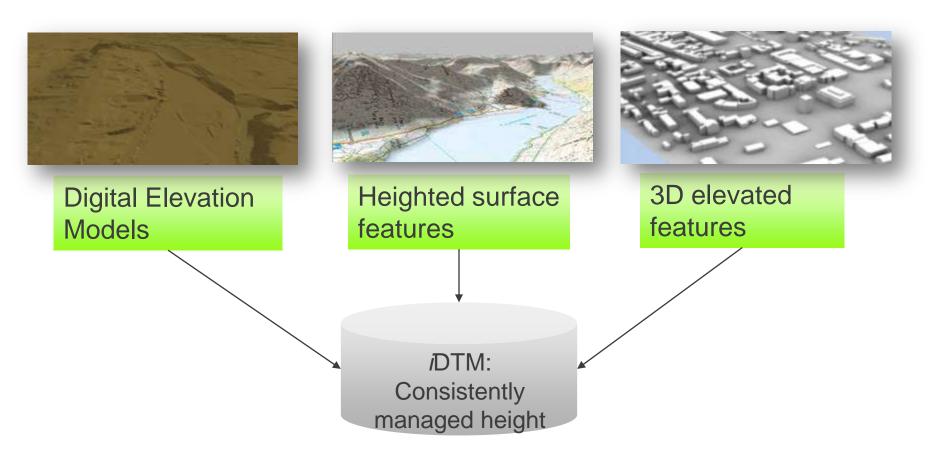
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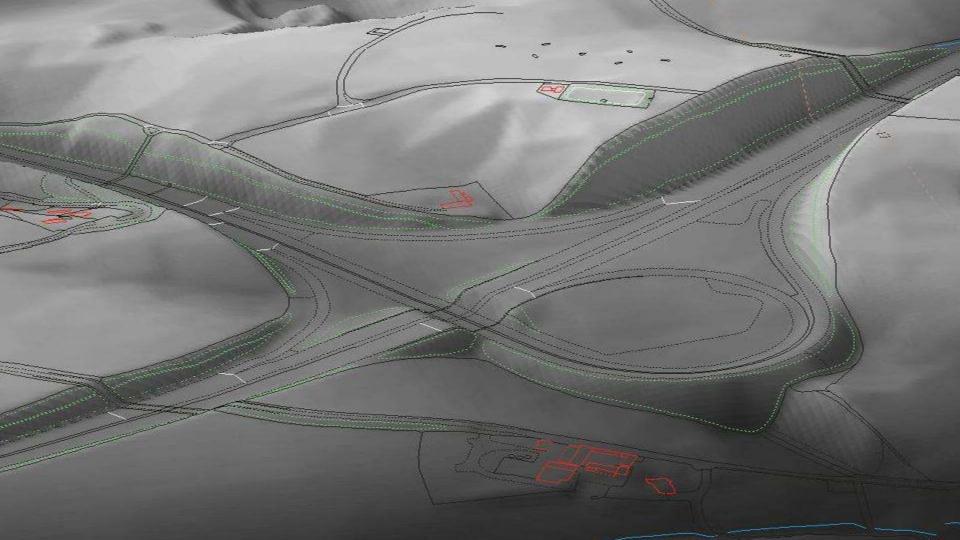
Data and 3D Standards and interoperability CityGML and what you can do with it Geospatial/BIM/indoor or is it BIM/indoor/Geospatial (BiG)?



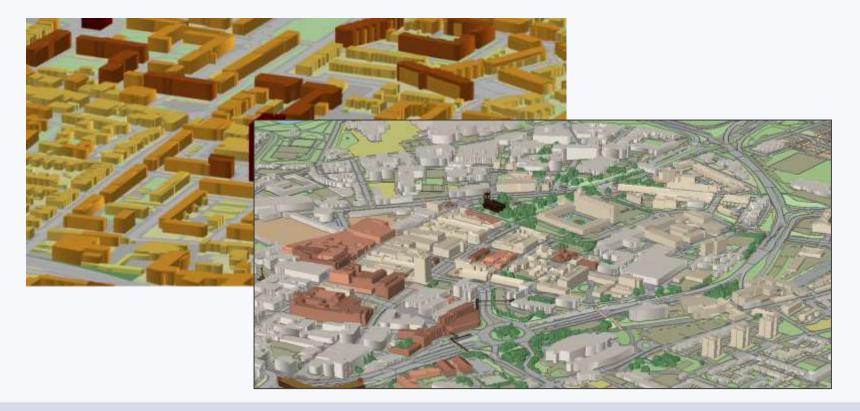
Authoritative geodata

ORDNANCE SURVEY'S CURRENT 3D OFFERING FOR AEC





3D BUILDINGS





Real world model





Virtual



OPEN STANDARDS

OGC®

Making location count.

DATA.GOV

BOME DATA . APPS COMMUNITY METRICS OPEN DATA SITES GALLERY

ENVIRONMENTAL COMPLIANCE AND ENFORCEMENT DATA

Inforcement & Compliance History Online (FCHO) provides information advoid compliance with environmental lares that ensure clean di, water, and land. Use inforkative menus and maps to search for facilities that were imspected, who faul vicinitions, whether EPA or your stafe took enforcement actions and more.

DATA AND APPS



COMMUNITIES



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Next slide a

Corre explore, discuss, meet others in the



Open Data: The bigger picture

This was makes public generative table accessible to the people of kirms, High quality approximations, participations, proceedings and public services doubles and just a faile of the evention ends to dark accessible. Therefore, participation are table to desperi under alient of build them two ages and takings. Our information is a national acad, and the the through groups are provided justice and extension using and building Generative and the through groups and the service and the tablet of tablet of the tablet of tablet of tablet of the tablet of tableto of tablet of tablet of tableto of tableto of tableto of tablet

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Counties

Select a county to learn more about their county.



#HMGovernment

datagovuk" Opening up government

Date Idees Forum Blogs Consultation

Crime Spy UK

Posted by William Assignates on 24040011 | 100 Dispersentes | #####

Overview

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Use the LK Police API is retrieve information about neighbourhood areas. * Locate current location * Mangulate man to prevent neighbourhood * Get neighbourhood nume. MO VIV ray and generated descets

BRIDGING THE WORLDS

BIM (IFC, proprietary) ↓ Survey (Land-/Infra/-IFC) ↓ GIS ([City]GML, proprietary)

Importance of standards

Integrated Digital Build Environment Working Group

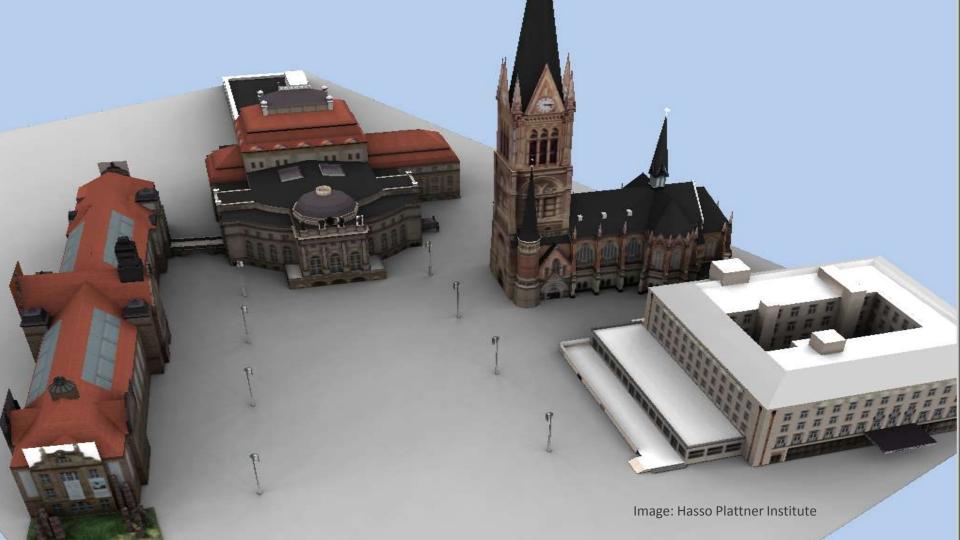


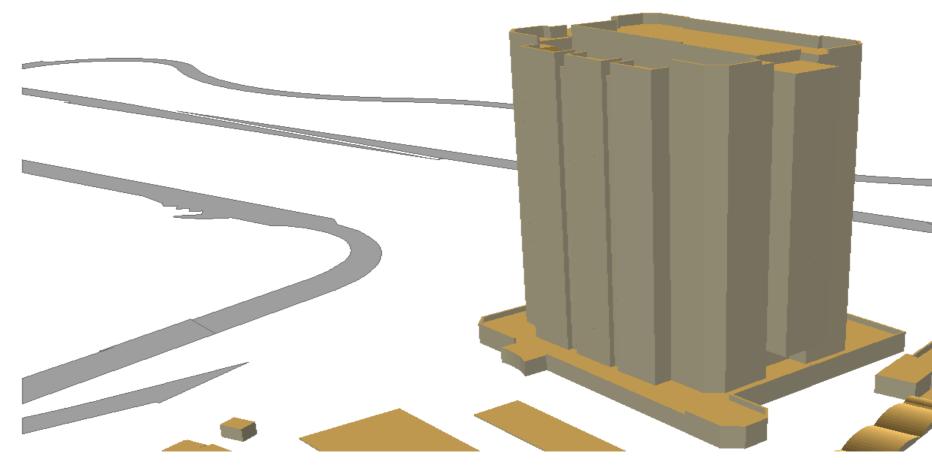
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CITYGML—LEVEL OF DETAIL

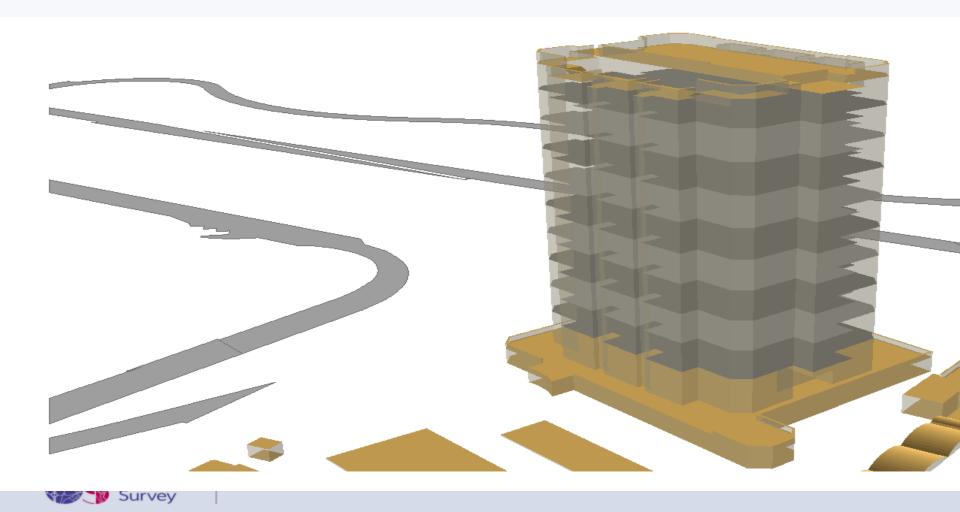


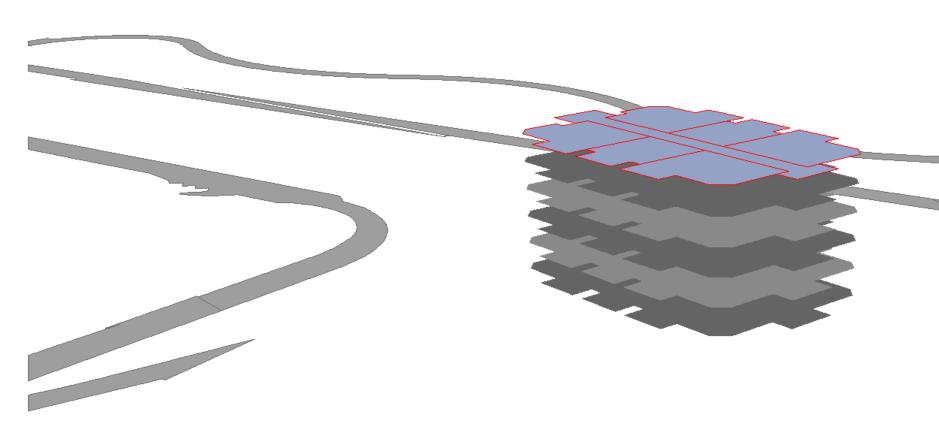
Graphic by Filip Biljecki, TU Delft



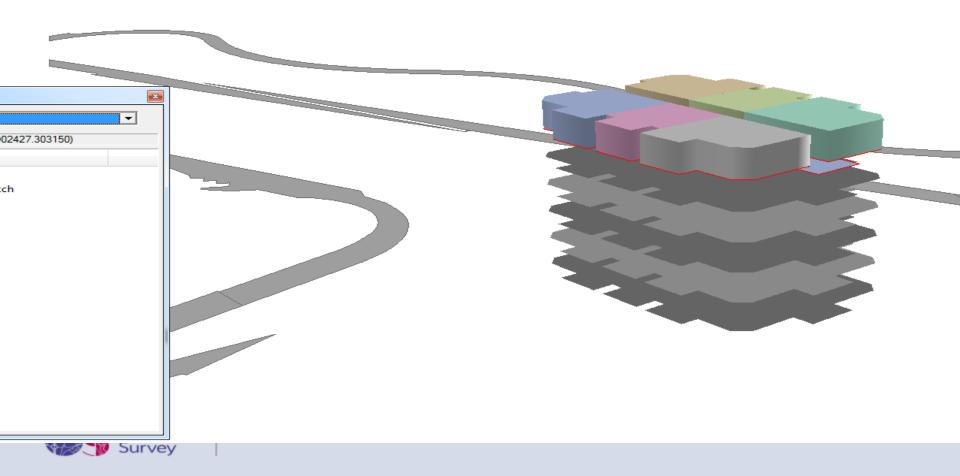


Survey



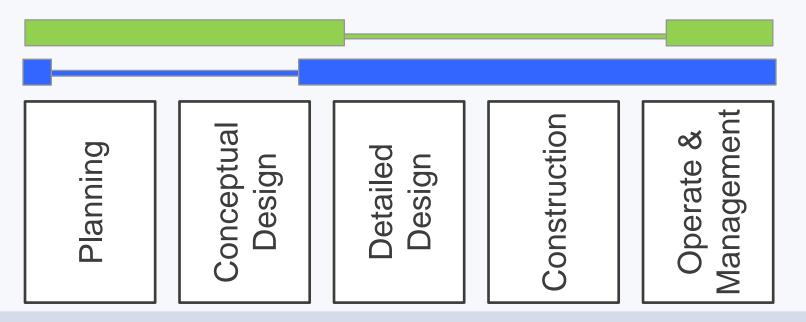






LOOKING FOR COMMONALITIES

Where are Geo and BIM on this map?





OGC SMART CITIES PILOT

- In collaboration with building SMART international
- Ordnance Survey as seed sponsor
- Looking for more sponsors/participants (by 15 October 2015)
- Help cities around the world benefit from modern standards for geospatial technologies
- Use diverse, interoperating spatial technologies to deliver improved quality of life, civic initiatives and resilience
- Demonstrate how geospatial data can make things smarter



From command and control to Connect and collaborate

We'll achieve - empowerment/engagement - integration/interoperability - cost savings/efficiencies - Better/safer environment



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