



GEOBIM 2015

BUILDING + INFRASTRUCTURE

10 -11 DECEMBER 2015

NOVOTEL AMSTERDAM CITY, AMSTERDAM
THE NETHERLANDS



154 DELEGATES | **18** COUNTRIES | **98** ORGANIZATIONS



The 2nd edition of GeoBIM Europe, successfully held on 10-11 December 2015 in Amsterdam, demonstrated application of geoBIM, not only in the building/infrastructure design, construction, operation and maintenance phase, but includes its potential use in other disciplines such as environmental protection, urban development, gaming and geology.



Opening the conference, Rob van de Velde, Director at Geonovum, emphasized on the importance of learning-by-doing strategy in geoBIM implementation. With geoBIM acting as the common language, many different solutions can be created. This was demonstrated by Sanne Hettinga, PhD Student at VU Amsterdam, who shared her PhD thesis on creating a smart and efficient housing insulation using geoBIM.

Friso Penninga, Senior Advisor Geo-information of Municipality of The Hague, followed to share the ambitious goal of the Municipality to have a 3D model with integrated analytical capabilities, such as noise modelling, air quality assessment, shadow analysis, etc, which is accessible to public by 2024. Seamless integration of 3D plans in the 3D GIS model requires geoBIM.

Jon Fingland, Business Unit Director at Trimble Buildings delivered an excellent talk on how geoBIM is one of the enablers to transform construction industry. "Louis Vuitton Foundation building and birds nest (Beijing National Stadium) could never had been done without technology and the enablers," he says.

2
DAYS

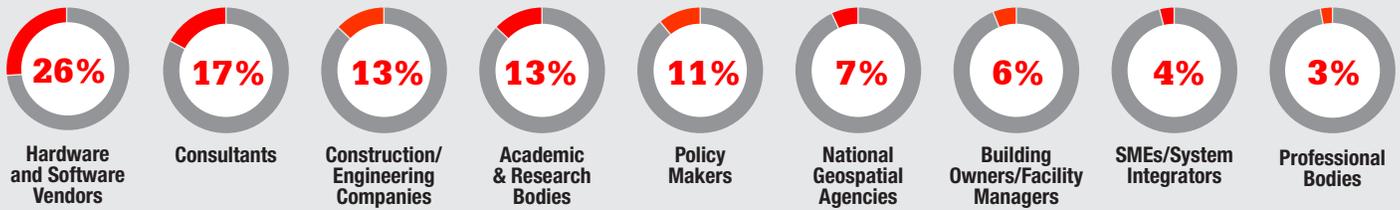
8
SESSIONS

2
WORKSHOPS

42
PRESENTATIONS

2
PANEL DISCUSSIONS

Delegates Participation Profile



The 2nd GeoBIM Europe featured 50 speakers in the course of 2 days, discussing integration of geospatial and BIM in smart cities, underground infrastructure, facilities management, and existing buildings; technology integration issues such as 3D visualizations, open standards and semantic web; as well as social aspects of its adoption, including legal issues, RoI for SMEs and education.

GeoBIM for Facility Management

In its construction report, McGraw-Hill predicts that the third wave of BIM usage (after architects and contractors) will be by facility management professionals. An exclusive panel discussion focusing on expectations of facility managers, moderated by Tahir Sharif, BIM Director of Hexagon Geosystems, was one of the highlights at the conference. The 90 minutes discussion span across the current adoption of geoBIM by FMs, the challenges they faced, what could be improved, and what are the outcomes expected that could value-add facility management processes.

Deborah Rowland, Head of Property Asset Management at Ministry of Justice, United Kingdom opines that asset data needs to be up-to-date regardless of BIM. Knowing the quality of the assets is fundamental for facility managers. Spencer Schols, Manager - Real-Estate & Development at a social housing company, Bo-Ex,

agrees that in order to ensure wellbeing of their tenants, it is important to have an accurate and up-to-date building model. He believes automating the process is key. "As building owners, we don't know what kind of technology is out there and how far the technology can go for our purpose. Vendors and industry need to help us," he adds.

On similar note, Alexander Worp, Strategic Advisor (Asset Management) at Schiphol Airport, says airport authority is liable for the safety of the airport passengers; hence it is important to keep track of the rapid changes in the building for security and emergency response purposes. "Scan-to-BIM helps collect up-to-date data, but automatic change detection process is not yet fully-developed."

Luke Cooper, Digital Specialist at Arup believes that every stakeholder in the construction chain should take ownership

in building data starting from the design phase to the asset maintenance. Establishing communication between the design team and maintenance crew could determine the success of a project.

Talking about the potential of internet of things in building management, Stig Brinck, Competence Manager IT and Process Development at NIRAS, opines that it is important to define the exact purpose of connecting sensors in a building, otherwise building managers will be at risk of overloading themselves with unusable data. Turning data into useful information is indeed the main challenge for facility managers, as agreed by Joris Goos, GIS Manager at City of Rotterdam. Data collection technology is widely available but the technology to process those data is still behind. "Nobody cares about data but everybody wants information."

GeoBIM Europe 2015 was jointly-organized by Geospatial Media and Communications and Geonovum, supported by 20 international partners. The 3rd edition was announced to be scheduled on 22-23 November 2016 in Amsterdam.

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