NORDIC openINFRA WORKSHOP - LandXML

OSLO – 7 JUNE 2012 – buildingSMART NORDIC/NORWAY

WORKSHOP OBJECTIVES

Establish a pilot project for developing LandXML

PILOT PROJECT OBJECTIVES

Define needed changes for LandXML

Funding and organization of the Development Project

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AGENDA

10:00   Introduction

10:10   Keynote: Challenges for interoperability in openINFRA, CEO Jorulv Rangnes EPM systems

10:40   Background for selecting LandXML as the preferred format for Infra in Finland, Leading Advisor Juha Liukas, Sito

11:00   Proposed Finnish extensions to LandXML, Senior Scientist Juha Hyvärinen, VTT Finland

11:25   Break

11:40   Efficient use of geometry and information for guidance/machine control, VDC Manager Mattias Skoog, Sweco, Sweden

11:55   Engineering companies delivering LandXML,Vianova, Norway

12:15   German Experiences from using LandXML, Dipl.Inf. Yang Ji Chair of Computational Modeling and Simulation, Technical University Munich, Germany

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AGENDA

12:30   Lunch

13:15   Contractors using LandXML, Anders Avlesen, Skanska Norway

13:35   Software vendors supporting LandXML, Industry Sales Director Timo Tuukkanen Bentley Systems

13:55   Equipment supporting LandXML for machine control and positioning, Support Manager Per-Ola Berntsen, Sitech, Norway

14:15   Break

14:30   Discussion

15:45   Conclusion

16:00   Closing

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DISCUSSION AND CONCLUSION

LandXML has a future potential. If not in long term there are many important benefits to achieve even with small extensions

buildingSMART can take responsibility for LandXML if there are enough stakeholders to join the organization and establish and fund projects.

We need to define specific use-cases

There are at least four categories of use-cases

1. LandXML for survey

2. Design to design

3. Design to construction

4. Collaboration

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DISCUSSION AND CONCLUSION

Suggestions for specific use-cases

1. LandXML models for tendering

2. LandXML for asset management

3. LandXML to IFC Bridge

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INTERIM WORK GROUP

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