

Buildings exist, IoT exists. Why do they not meet?

Wednesday 13 March | 14:30 - 16:00
Meeting Hall

The cleanest energy is the unused energy. The buildings and construction take the major part of the energy used. Thus, the ways to minimize the costs of energy seem to be unknown and unused. How to improve this? How can we for instance use AI for predictive maintenance? Can AI's influence on building design be used more efficiently? During this seminar, we will hear about the information needs and the solutions related to energy and buildings.

The Challenges and Opportunities of Integrating IoT and Smart Buildings



Moderator

[Jessica Ekström](#)

Project Manager, construction and infrastructure,
VASEK
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Introduction by the moderator



[Jessica Ekström](#)

Project Manager, construction and infrastructure,
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Using openBIM IFC for 4D Scheduling combined CO2 calculations, the New Finnish National Museum Atlas - case



[Jouni Ojala](#)

Director, 4D planning, Granlund Oy
Granlund Pohjanmaa Oy

Case examples: Harnessing the power of IoT, data analytics, ML and AI in Smart Cities and Buildings



[Jari Kuusisto](#)

Product Manager, IoT for Smart Cities, Wapice Oy
Wapice Oy

The possibilities of machine-readable and automatically analysed data from IFC-files. Case: RAVA3Pro pilot for checking BIM-based building permit use cases automatically.



[Anna-Riitta Kallinen](#)

Owner and Chair of Board ARK Consulting, ARKCON

Panel discussion and Q&A session with all speakers

Interreg



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Botnia Green Energy Project



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