

Thursday, 12 March 2020, 14.30-17.00

**Light+Building, Messe Frankfurt, Hall 9.0, E30**  
*Chaired by Ivo Martinac, REHVA Vice-President*

## BIM Interoperability

### AGENDA

- 14:30 **Welcome and opening**  
*Ivo Martinac, REHVA Vice-President*
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- 14:40 **BIM Interoperability over the lifecycle of a project - An academic perspective**  
Väino Tarandi, KTH, Prof. - Department of Real Estate
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- 15:00 **Standardisation and interoperability of HVAC&R BIM products**  
Sandrine Marinhas, Managing Director, Prodbim by Eurovent
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- 15:20 **BIM-SPEED - Harmonized Building Information Speedway for Energy-Efficient Renovation**  
Samaneh Rezvani, Researcher, Demo Consulting
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- 15:40 **Open standard challenges: a manufacturer's perspective**  
Lukasz Jedrasik, Project Manager BIM Center  
BLD Europe Commercial Sales, UPONOR
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- 16:00 **Common data structures: the first step to solving all your problems**  
Andrew Krebs, Digital Strategy Lead, Ramboll
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- 16:20 **BIM for the whole building life cycle - The manufacturer's view**  
Tuomas Laine, Director Innovation and Development, Granlund
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- 16:40 **Q&A**
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- 16:50 **Closing remarks**  
*Ivo Martinac, REHVA Vice-President*
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- 17:00 **reHVAClub cocktail reception**

### ABSTRACT

Building Information Modelling (BIM) is a shared knowledge resource of information for a vast range of professionals -architects, engineers, AEC- involved throughout the building lifecycle, from modelling to management. However, buildings are complex objects to design, construct and maintain, and BIM faces challenges on integrating inhomogeneous data across multiple disciplines and formats: this is where BIM interoperability issue arises.

The diversity of actors and systems involved coupled with the long life cycle of a building decrease the ability to solve identified problems. In addition to this issue, the heterogeneous nature of applications and software systems used across the construction industry makes the BIM flow of information even more complex.

This Seminar will tackle the importance and necessity of achieving interoperability in BIM, overviewing challenges and presenting existing solutions.