Federal Ministry for Digital and Transport

mFUND – *Das Startkapital für die Mobilität 4.0*

BMVI-Workshop series
"Data Innovations for Smart Mobility in Europe"

Workshop No. 6:

Data-based innovations for Building Information Modeling and digital twins in infrastructure planning, construction and maintenance

Date: Thursday, 20 January 2022
Time: 09.30 – 12.00 h (CET)

Location: Virtual Room (Zoom)
[log-in details will be sent prior to the event]

Agenda

09.30	**Welcome and thematic orientation - Federal Ministry for Digital and Transport**
09.35	**Thematic key note – BIM as a tool for more efficient infrastructure provision** *(provisional title)*
09.45	**Project pitches, suggestions and discussion**

Input pitches from research and innovation projects focusing on the use of BIM and digital twins for sustainable planning and maintenance of mobility infrastructure

Selected projects will show how new approaches to data collection and analysis together with Artificial Intelligence can support BIM deployment. In particular, research efforts aiming at demonstrating how BIM and digital twin applications can support more effective mobility infrastructure planning, construction and maintenance will be introduced and discussed by participants.

Exchange and Discussion

Contributions from participants and discussion, focussing on possible innovations and how to scale up solutions suggested by research and innovation (R&I) projects

Next Steps to support the deployment of BIM in Europe
Thematic input: How can we advance BIM Standardisation at European level?

Standardisation is a key element for a harmonized EU wide implementation of BIM. Coherent terms and definitions and their translation in national languages are a prerequisite for standardisation. The purpose of this session is to take stock and discuss potential ways to expand existing harmonisation efforts.

11.50	**Wrap up and farewell**
12.00	**End of workshop 6**