

PHOTOVOLTAIK & BIM / IFC – ENVIRONMENTAL DATA NEEDED

June 19th 11:00 – 13:00 h CET – online event via zoom

Environmental data of products and buildings is starting to play a pivotal role. In this online-workshop we will try to explore, which data will be needed within BIM-models regarding Building Integrated Photovoltaic (BIPV) products to be placed on the European (EU) market.

Major drivers are the EU's existing "Ecodesign Directive 2009/125/EC" and the upcoming substitute, the "Ecodesign for Sustainable Products Regulation (ESPR)". Furthermore "Digital Product Passports (DPP)" will be introduced, which will as well transport data of the "Environmental Product Declaration (EPD)".

The question which data has to be in building models for construction approval or to calculate building related energy certificates and later "Digital Building Passports" or environmental building certificates (ÖGNI, LEED ...) will be crucial. From the viewpoint of building professionals this data should be available / transported as IFC-BIM-data. What is the actual planning for data formats and databases and how are all these challenges connected?

- 11:00 h** **Welcome and introduction**
Astrid Schneider, TU Wien, BIM4BIPV / IEA-Task 15, Subtask C, Activity leader C1 BIPV+ IFC
- 11:10 h** **Welcome from buildingSMART Austria**
Alfred Waschl, chairperson buildingSMART Austria
- 11:15 h** **Environmental data as a new planning dimension**
Karin Stieldorf, TU Wien
- 11: 25 h** **State of the art of environmental data in construction in Austria**
Hildegund Figl, IBO, Austria
- 11:35 h** **Environmental Product Declarations (EPD) for BIPV: actual and upcoming requirements and frameworks**
Stefan Zwerenz, Institut für Bauen und Umwelt e.V., Germany
- 12:15 h** **Insights from the Chair of the Joint Technical Committee of CEN and CENELEC „JTC 24 Digital Product Passport System and Architecture“**
Thomas Knothe, Fraunhofer-Institut für Produktionsanlagen und Konstruktionstechnik IPK, Germany
- 12:35 h** **Questions and Discussion**
- 13:00 h** **end / open end**

Join Zoom Meeting

<https://tuwien.zoom.us/j/66230287269?pwd=zvuG0aBVrtn3hAcp1HUV6mJmbb0aU.1>

Meeting ID: 662 3028 7269

Password: 7KM3nYhF