

Cost-effective and innovative solar energy integration in stock and new buildings - how to generate revenue with your building façade and roof

Thursday, 20th April 2023

• Holiday Inn City Centre, Hochstrasse 3, Munich, Germany •

Current building sector problem: placing solar energy generating products on building roofs does not generate enough electricity for a building to be energy self-sufficient. **Solution:** additional solar integration on other building surfaces (windows, facades, etc.) with **BIPV** products will be the focus of this event.

Cost-effective, easy to install and attractive active façade solutions are now available from multiple suppliers, who offer a complete package of software integration for architects, to accurate cost/benefit calculations of the installation. At this event, WIP, with several partners, will present the **latest BIPV innovations and products for the building industry**.



BIPV on building facade

Event organized on the occasion of the BAU 2023

SESSION I: Cost-effective and innovative solar energy integration into buildings

Chair : Laure-Emmanuelle Perret, coordinator BE_smart.

9:00 Opening and Introduction

José María Vega de Seoane, Tecnalía.

9:20 Keynote speech on solar solutions for buildings

Karl Viridén, Viriden + Partner AG.

9:45 City planners (BE smart)

Rickard Nygren, White architects.

10:15 Costs for reference cases/building applications and future developments in Europe

Philippe Mace, Becquerel Institute.

10:45 Coffee break and show cases/Solar solutions.

11:15 Innovative Solar panels for cost-effective and efficient integration (short pitches from the manufacturers showing product and application integration)

- *Claudio Pirotta and Stefano Magaddino, PIZ.*
- *Teodosio del Caño, ONYX.*
- *Julian Perrenoud, Flisom.*

11:45 Commercial Solutions for the building sector – how to implement them in a big scale

Laure-Emmanuelle Perret, coordinator BE_smart.

12:00 Panel discussion with participants, architects, urban city planners, investors, real estate

Moderator: José María Vega de Seoane, Tecnalía.

12:30 Lunch break

SESSION II: Supporting tools to help implementation of the innovative solar solutions

Chair : Francesco Frontini, SUPSI.

13:30 Click & Go Installation.

Paul Stassen, TULiPPS.

13:45 Fast roof integration – structures.

Andreas Haller/ Helge Hartwig, Schweizer.

14:00 BIM based simulation solution providing performance to solar systems integration for every building context.

Philippe Alamy, EnerBIM.

14:15 Standardisation / Qualification of BIPV system.

Simon Boddaert, CSTB.

14:30 Moderated Discussion

Francesco Frontini, SUPSI.

15:00 Networking Event and exhibition of the showcases/solar solutions

Project partners:



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