

Press Release

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EU-funded project supports development of tomorrow's construction tools

Passive House Institute combines BIM-based platform with PHPP and designPH

Darmstadt, Germany. In order to close the “performance gap” that often occurs with energy-efficient buildings, 20 partners from across Europe have joined forces in the new [Built2Spec](#) project. The aim is to provide construction specialists with tools for mobile applications using smartphones and tablet computers – from easy-to-use 3D visualisation and compact solutions for airtightness measurements to a BIM-based data platform for on-site quality assurance. The most important objectives of the Built2Spec project were presented at the Sustainable Places conference which was held in Savona in Italy last week.

The discrepancy between the consumption values calculated in advance and the values actually achieved in building operation, referred to as the “performance gap”, is frequently raised as an issue in many areas of energy-efficient construction. With the Passive House Standard, this disparity between demand and reality does not exist, though. The Passive House Institute was involved in Built2Spec to make the project profit from the experiences gained with this standard which functions well for every building type and in every climate.

The international Passive House Institute is providing its expertise for the development of the new Built2Spec tools for future-proof construction and quality assurance. Simultaneously, the independent research facility founded by Dr Wolfgang Feist is working on the interfaces between the BIM-based platform of the EU-funded project and the planning and design tools PHPP and designPH.

Built2Spec (Built to Specifications) is being funded by the EU's framework programme for research and innovation Horizon 2020. The project was initiated in January 2015 and will run for four years. The European conference [Sustainable Places 2015](#) in the Italian city of Savona was held on 16 - 18 September. The Built2Spec objectives were presented here by project coordinator Germain Adell in the workshop “Closing the Energy Performance Gap”. An interview with this expert of the French organisation Nobatek has also been published in the latest [newsletter](#) of the EU-funded project.

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