BUILT2SPEC
Tools for the 21st Century Construction Worksite

Press release

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Boosting construction practices through a new set of technologies

Horizon 2020 EU-funded project Built2Spec develops new tools for quality assurance and self-inspection at the construction worksite

Anglet, France. Meeting EU energy efficiency targets for both new builds and retrofits will be much easier to manage in the near future thanks to the development of new and innovative on-site quality assurance tools. Using their smartphones, tablets and other portable devices, construction professionals will now be able to access a variety of features and applications to facilitate on-site activities. These tools will be integrated in a virtual, BIM-enabled, cloud-based construction management platform which will provide installation guidelines, shared design specifications, 3D models, relevant information on regulatory frameworks and much more. "The aim is to dramatically reduce the gap between a building's designed and as-built energy performance", says the project coordinator.

How to achieve this ambitious goal? The Horizon 2020 EU-funded Built2Spec project (Built to specifications) will deliver a new set of breakthrough technological advances for self-inspection and quality assurance such as:

- Energy efficiency quality checks
- Building Information Modelling
- Indoor air quality tools
- Airtightness test tools including air-pulse test
- Thermal imaging tools
- Acoustic tools
- Smart building components
- 3D and imagery tools
- Virtual Construction Management Platform

"Built2Spec will revolutionize construction practices of the 21st century worksite", agree the partners. "Today, construction professionals have to meet high energy standards. This multifunctional project will support them."

Built2Spec, involving 20 European partners and coordinated by the French technological centre NOBATEK, started in January 2015 and will last four years.

More information: www.built2spec-project.eu

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