

InfraRoom New Work Item: IFC Alignment pilot projects

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In 2013, the Infra Room identified the extension of IFC with alignment functionality as top priority item.

In April 2014 it was possible with the support of Rijkswaterstaat (NL), Travik Verket (SE) and the V-Con project to start a development project within buildingSMART. The intended results are:

- The extension to the buildingSMART IFC4 schema comprising the alignment model
- A freely available viewer capable to display alignments and used throughout the project for validating the selected data modelling solution for alignments.

The Alignment project is making good progress. The results are expected in Q1 2015.

Before alignment standard can be used, the functionality should be built in software and the functionality should be tested in practice.

The next steps must now be prepared. We therefore propose to prepare various pilot projects. These pilot projects should divided their attention among the various handovers (information deliveries) as identified in the requirement analysis from the alignment development project.

In every pilot project, one of more software parties should be involved to take care of the required software implementation. Stakeholders from the construction sector should be involved in order to represent the demand side.

A coordination body should be installed to give technical advice to the pilot projects, exchange experiences, evaluate results and give direction to improve the standard.

/End of New Work Item