Main Goals:
 Define the information exchanges needed for the construction phase during the retrofit of commercial buildings and define them in IFC format.
 Contribute to the EEB Hub overall goal: 20% Energy Reduction by 2020

Specific Goals:
 Develop 5 quality related use cases (Testing, Validation, Inspection, Acceptance and Clash Detection) for the building envelope and the HVAC system during the construction phase of retrofit project.
 Develop process model for the use cases
 Define the information exchange for the use cases
 Develop the MVD for the use cases

Work Plan
1. Literature review in order to develop the use cases
2. Surveys and interviews to understand and gather construction companies’ needs
3. Site observations to define and validate construction workflows
4. Validate developed use cases and information exchanges
5. Final report with information exchanges and its requirements for IFC format
term: 9 months (January 2014)

Defined Use Cases
First drafts defined (05/30):
 Use Case – Inspection (Stage 1 – 70%)
 Use Case – Testing (Stage 1 – 40%)

References: