



MORE-CONNECT project newsletter

This project has received funding from the European Union's Horizon2020 framework programme for research and innovation under grant agreement no 633477.



November 2017

ISSUE #6 LATVIAN AND ESTONIA PILOT BUILDINGS



Development and advanced prefabrication of innovative, multifunctional building envelope elements for MODular RETrofitting and CONNECTIONS

by MORE-CONNECT team

www.more-connect.eu

- retrofitting technology and the components for buildings' renovation in five geo-clusters across Europe: Portugal, Netherlands, Denmark, Czechia, Estonia and Latvia.

Latvian

The pilot building is silicate brick residential house with a lateral bearing system. The house has a wooden roof structure with slate covering. The building has simple, rectangular floor plan. It has two floors with similarly designed flats.

- ✓ Construction date: 1969
- ✓ Number of stories: 2
- ✓ Number of apartments: 4
- ✓ Net area: 204m²
- ✓ Heated area: 250 m²
- ✓ Energy consumption: 267 kWh/m²/year.

Estonia

Pilot building is constructed by prefabricated concrete large panel elements and is a typical soviet series apartment building. Therefore solutions and results are easy to disseminate.

- ✓ Construction date: 1986
- ✓ Number of stories: 5
- ✓ Number of apartments: 80
- ✓ Net area: 3824 m²
- ✓ Heated area: 3306 m²
- ✓ Energy consumption: 239 kWh/m²/year.

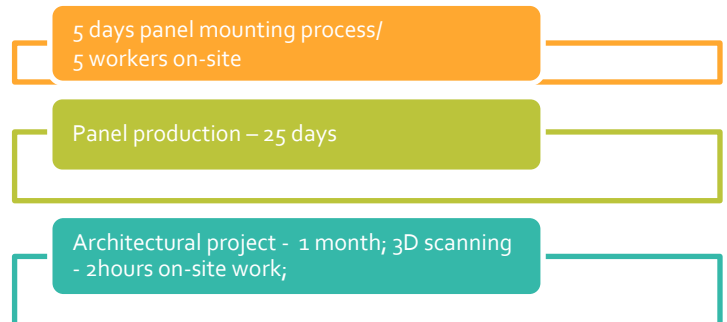


Figure 1. Latvian demo building construction process

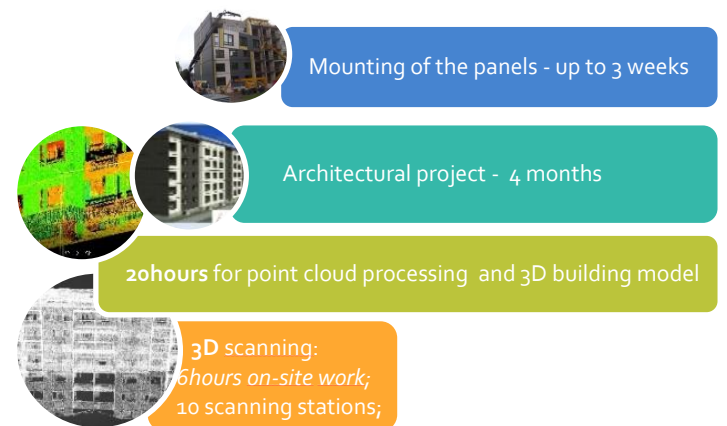


Figure 2. Estonian demo building construction process

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