Summary – ZERO-PLUS

Chair of Building Realisation and Robotics

General Information

- **Project Title:** Achieving near Zero and Positive Energy Settlements in Europe using Advanced Energy Technology
- **Project Acronym:** ZERO-PLUS
- **Sponsor/Client:** This project has received funding from the European Union's Horizon 2020 Research and Innovation programme under Grant Agreement No. 678407.
- **Budget:** ca. 4 million €
- **Duration:** 2016 - 2021
- **Website:** http://www.zeroplus.org

Abstract

The project meets the challenge to develop a comprehensive, cost-effective modular system for Net Zero Energy (NZE) settlements and to implement it in a series of case studies across the EU. An international consortium of partners from the academia and the industry works together to significantly reduce the costs of NZE settlements through the implementation of three parallel strategies (key facts).

Key Facts

- Three parallel strategies: 1. Increasing the efficiency of the components directly providing the energy conservation and energy generation in the NZE settlement
- 2. Reducing the „balance of system“ costs through efficient production and installation processes
- 3. Reducing operational costs through better management of the loads and resources on a district scale rather than on the scale of a single building

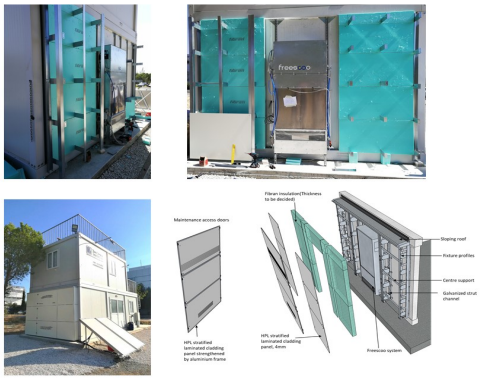

Figure 1: Installation of the modular energy performance product

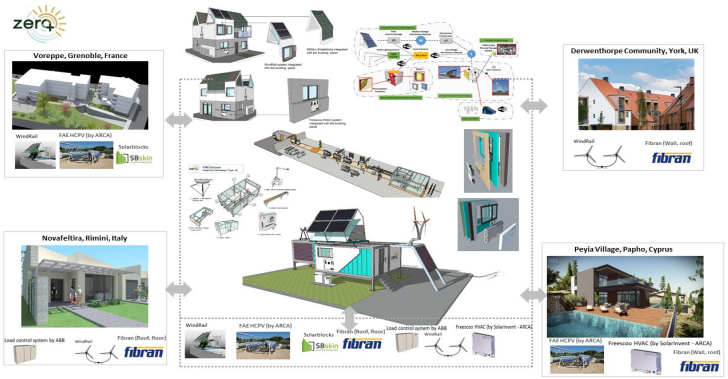

Figure 2: Overview of the ZERO-PLUS project

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