

SCORES DEMO SITES SEMINAR

Wednesday, 20th of April, 2022

10:00 - 12:00 CET, Online (TEAMS)

SEMINAR

This workshop will be dedicated to the presentation of the demonstration cases of the technologies developed in the SCORES project, to show the feasibility of the separate technology developments and their impact on real case integrated systems. The workshop is dedicated to the scientific community and professionals (production, design, maintenance and installation) related to the areas of energy-efficient buildings and their energy systems.

SCORES includes demonstration sites with residential buildings in two European climate zones (Northern, demo site A and Southern Europe, demo site B). Moreover, the situation with and without grid connection is demonstrated. This will demonstrate the integration, optimization and operation of the hybrid system.

The selected building for the demo site A is located in the city of Gleisdorf in southeast Austria. The building complex consists of an office building and 2 terraced houses, where one house is used as an office as well. In the other two houses, two families are living. The houses are connected to a low-temperature microgrid with a flow/return temperature of 45/35 °C.

The building selected for demo site B is a multi-family residence for seniors. It is located in the Eco-district "Le Parc du Canal" in Agen (France). It is a part of the ZAC Donnefort, an urbanistic area created in 2012 by the city of Agen.

SCORES PROJECT

SCORES combines and optimises the multi-energy generation, storage and consumption of local renewable energy (electricity and heat) and grid supply. Via the development of compact hybrid storage technologies, integrated through a smart Building Energy Management System, the project will optimize the self-consumption in residential buildings, bring new sources of flexibility to the grid, and enable reliable operation with positive business cases in Europe's building stock.

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TEAMS MEETING



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AGENDA

TIME	TOPIC	SPEAKERS
10:00 - 10:10	Introduction of the SCORES project	TNO
10:10 - 10:20	Presentation of the Video 8: Demonstrations	EDF, AEE
10:20 - 10:35	Presentation of the of the Demo Site A and Demo Site B	EDF, AEE
10:35 - 10:50	Presentation of DHW production system based on water to water heat pump coupled with PV/T or PV collectors in the Demo Sites	HELIOPAC
10:50 - 11:05	Space heating subsystem using thermal energy storage in the Demo Sites	CAMPA, France Energies
11:05 - 11:20	Building energy management system in the Demo Sites, Siemens	SIEMENS
11:20 - 11:35	Highly efficient insulations based on GVI Technology applied to thermal energy storage	TNO
11:35 - 12:00	Q&A Session	

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