Smart2B

Smartness to existing Buildings

Smart2B is a project funded by the European Commission in the Horizon 2020 framework, under the Call H2020-LC-SC3-2018-2019-2020 **(BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY).**

Starting in September 2021 and for the following 36 months of activities, 11 partners will collaborate to develop new software and hardware solutions for automated management and control of legacy equipment and appliances in order to upgrade smartness levels of existing buildings.

OBJECTIVES

Smart2B's aim is to make existing building smarter by developing software and hardware solutions for automated management and control of legacy equipment and appliances. Besides, since we are aware that the transition towards more sustainable buildings is impossible without the active engagement of people who live them, we will implement community-based gamification mechanisms to stimulate users to improve buildings' energy performance, creating a user-centric ecosystem that empowers citizens by simplifying equipment and device control and providing information about overall energy performance.

01
TECHNICAL IMPACT

03
SOCIAL IMPACT

IMPACTS

02
ENVIRONMENTAL IMPACT

01
TECHNICAL IMPACT

Energy efficiency increase **up to 40%**
Flexibility potential **up to 50%**
Smartness upgrades **up to 93%**

02
ENVIRONMENTAL IMPACT

CO_2 emission reduction **>2GtCO₂**
Primary energy savings **7,4 GWh/year**
More efficient building management
Low-carbon technologies

03
SOCIAL IMPACT

Creation & promotion of CECs
Creation of jobs & knowledge in EU
Enhancing EU innovation capacity

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