

## THE4BEES

### Transnational Holistic Ecosystem 4 Better Energy Efficiency through Social innovation

[www.alpine-space.eu/THE4BEES](http://www.alpine-space.eu/THE4BEES)

**Programme:** Alpine Space

**Duration:** 2015 – 2018

**Value:** € 2,694,646 (ERDF contribution € 2,290,449)

THE4BEES is a project funded by the Alpine Space European Transnational Cooperation Programme, in the framework of the “Low Carbon Alpine Space” priority.

Its objective is the use of IT to promote virtuous energy efficiency behaviours on the territory and reduce carbon dioxide emissions, through the development of transnational experiences and policies. Based on the project slogan “*Energy is consumed by people, rather than buildings*”, the project approach focuses on the strong involvement of stakeholders and end users through a structured methodology of Co-Creation Labs (CCLabs).

The CCLabs integrate during, the whole project lifetime, moments of analysis, co-design, test and evaluation to lead to the development of policies aimed at steering human behaviours towards efficiency. The activity of CCLabs is developed transnationally over 6 pilots, managed locally but with a common coordination, involving different user targets: students, workers, public housing tenants, tourists visiting mountain huts.

Awareness raising activities focus on the impact of user behaviour on energy consumption and users are also involved in the creation of IT tools (apps, dashboards, etc.) that may promote a change in behaviour. The project will end with an evaluation of the results reached and the definition of energy saving policies, taking into consideration not only technical and structural elements, but also the considerable impact of human behaviour. Communication and awareness raising activities for final users and stakeholders are envisaged during the whole duration of the project.

In addition to coordinating the initiative as Lead Partner, CSI Piemonte will adapt and make available the regional Smart Data Platform ([www.smartdatanet.it](http://www.smartdatanet.it)) as a storage platform for energy consumption data as well as usage platform for apps and dashboards to be developed during the CCLabs, to carry out trials and to evaluate their results. In addition, CSI Piemonte is involved in the local CCLab and pilot project.

Piedmont CCLab will be hosted in two mountain huts belonging to the Piedmont Region: Rifugio Selleries and Chalet della Luna in Pra' Catinat.

**Partners:** CSI Piemonte (Lead Partner - Italy), Regione Piemonte (Italy), Regione Lombardia (Italy), E-Zavod (Slovenia), KSEENA (Slovenia), RSA-Research Studios Austria (Austria), Association HESPUL (France), RhôneAlpénergie Environnement (France), CSP (Italy), CNR-IEIIT, Istituto di Elettronica e di Ingegneria dell'Informazione e delle Telecomunicazioni del Consiglio Nazionale delle Ricerche (Italy), Baden-Württemberg:Connected (Germany), IREES-Institut für Ressourceneffizienz Und Energiestrategien (Germany)

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