REPLICATE PROJECT

REnaissance of PLaces with Innovative Citizenship And TEchnology

Project no. 691735

H2020-SCC-2015 Smart Cities and Communities

Innovation Action (IA)

D4.9 REPLICATE APPs V1

The report is confidential, only the Executive Summary is public

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PU	Public	
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Executive Summary

This deliverable describes the two apps designed and developed for the project namely "GoalGreen" and "FastBooking". This two apps are related to the pilot in Florence and to be added in a catalogue of apps for the general population and a specific target of users such as the taxi-drivers. "GoalGreen" is an app designed to raise the environmental awareness of the general public, especially the household users in order to increase their awareness of energy consumption and energy saving. The app has been designed within gamification principles to ensure a better involvement of the users, with games and quizzes. This design also allows extensions of new games and modules for gamification. A section devoted to the recording of energy consumptions has been included, also allowing the possibility of automatic recording of data consumption from smart devices, to make possible a comparison of home consumption with "standard" ones according to an Energy Signature of dwellings by using very limited qualitative data. This Energy Signature has a twofold purpose: on the one hand it can be used as a pre-energy audit to highlight general problems, on the other hand it can be a valuable tool for raising end users' awareness.

"FastBooking" is an application addressed to taxi drivers, in order to allow them to find the more convenient electric recharge using a dedicated mapping (based on the open data made available by Municipality of Florence).

1) to allow taxi driver to find the nearest electric recharge free and available

2) to book a recharge in a convenient slot time (e.g. at the end of working turn)

This app, presently released in a restricted way only for e-taxi drivers, can be released in the future in an open format for more general public (e.g. public e-car) to optimise the use of fast charge.