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E4.1 Installation and technical training in office building

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1. Abstract

EPLACE is an online monitoring and advisory platform, which consists of different ICT applications (WeSave, WeLight, WeTalk, Cooling Check, Photovoltaic Check, Pumps Check and AC Check).

This document makes reference to the installation and technical documents to train office-building managers of the EPLACE platform and an explanation of the activities carried out related to this deliverable during the 1st reporting period

Furthermore, guidelines for hardware device installations have been generated to train the electrical technicians.

2. EPLACE installation

As it has been mentioned in the abstract and in previous documents, EPLACE is an online platform with different energy monitoring and advisory tools. These tools provide two different types of information. First they monitor the energy consumption of a building and second they give specific information about energy saving potentials.

The EPLACE platform was running since M06 – July of 2013 with all its functionalities integrated. The access to the platform is public and free of charge.

In order to increase usage comfort of EPLACE, a single sign on login was implemented for premium demo users in WeSave and WeLight.

The platform is hosted on SENERCON servers while WeSave, WeLight and WeTalk are hosted by the cloud infrastructure of Wellness Telecom. The modules on the two servers are connected through an API.

The EPLACE installation and technical training in office buildings took place till now in two pilot buildings, the City council of Cartaya (Spain) and the Municipal administration building in Septemvri (Bulgaria). In both buildings the hardware devices (WeSave and WeLight) got installed and premium users were created.

Users without extra hardware could use EPLACE with all basic functionalities.

The steps for the pilot buildings installations have been:

- 1) Hardware devices for office buildings were received completely in WT offices 13th of September. After that, electronic components were integrated and configured by WT
- 2) WT sent Bulgarian equipment with installations guidelines and gave support to technicians via email
- 3) Equipment for Cartaya installation were collected. A technical training session for the installation was done in WT offices to the subcontracted company (SERVIAN)
- 4) Hardware devices for Irish buildings were received in WT offices in October. After that, electronic components were integrated and configured by WT
- 5) Installation in City council of Cartaya - 24th October 2013 – M09



Figure 1: WeSave installation in City council of Cartaya



Figure 2: Welight installation in Cartaya

- 6) Hardware equipment was received in Ireland 26th of November.
- 7) Technical support was given to ES and REAP to solve WeSave queries for the installation
- 8) Installation of Municipal administrative building in Septemvri 4th December 2013 – M11

Furthermore several documents were generated to explain functionalities of the platform and the premium tools.

Installations guidelines were also defined to help during the installation process.

- Annex I: EPLACE PLATFORM USER GUIDE
- Annex II: WESAVE USER GUIDE
- Annex III: WELIGHT USER GUIDE
- Annex IV: INSTALLATION MANUAL WESAVE WTAR01
- Annex V: INSTALLATION MANUAL WESAVEBOX
- Annex VI: INSTALLATION MANUAL WELIGHT

ANNEX I: EPLACE PLATFORM USER GUIDE

ANNEX II: WESAVE USER GUIDE

ANNEX II: WELIGHT USER GUIDE

ANNEX IV: INSTALLATION MANUAL

WESAVE WTAR01

ANNEX V: INSTALLATION MANUAL WESAVE BOX

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