



EVENT DESCRIPTION

**Project Partner:
Santander Municipality and ESCAN**

Title of the event: WORKSHOP on "STREETLIGHT AND EPC CONTRACTS"

Date & location: 12th May 2015. Magdalena Palace, Santander, Spain.

Organiser(s): Santander Municipality and ESCAN.

Number of Participants: Two speakers (Sonia Sotero and Francisco Puente) and nine attendees

Summary

In order to gather main actors involved in public lighting and show the different opportunities available, the Municipality of Santander and the energy consultancy Escan organized this event, offering a meeting point for Municipalities, ESCOs, financial organizations and manufacturers, presenting real implementations on the field and also financing options.

Objectives & main programme points

This workshop organized within Streetlight-EPC project will benefit main actors, such as:

- Municipalities, offering information on the best solution and services using LED and advanced control systems, advice on the cost and benefit analysis for a streetlight new installation or refurbishment, EPC contracting and regulatory issues or financing.
- ESCOs, offering information about different financing options and EPC contracting conditions, in order to evaluate their future participation in this EPC projects.

The main programme points were:

- **Streetlight-EPC project Introduction: Sonia Sotero (Santander Municipality)**

In this point, the StreetLight-EPC project's objectives were described as well as the work program and activities to be carried out. This includes the creation of support offices to projects of Energy Services with savings guaranteed and their development of performances. Moreover, it was explained how to get funding for EPC projects. A few relevant financing institutions offer financing options for this kind of projects.

- **Experiences and developments in Spanish Municipalities: Francisco Puente (ESCAN)**

In this section, it was summarized the practical experiences using LED lighting. Among the Spanish municipalities are: Salobre, Mora de Toledo, Almodóvar del Campo, Palencia, Segura de León, San Sebastián de los Reyes, Vitoria-Gasteiz. Municipalities are usually associated with an ESCO, which assumes the maintenances costs. Energy savings for these Municipalities are about 70%.



- **Procedures to collect information of public installations: Francisco Puente (ESCAN)**

To carry out a lighting installation project, the first thing to do is to collect information about the current situation of the area so that it can be improved. In this line, there is a *Practice Guideline* in which the steps to follow are explained: what to do, who the responsible is, and the support that the office offers. It also was outlined the LED technology and the luminary substitution options. A *checkline* is used to preliminarily asses whether a lighting renovation project is viable and if it is recommendable to work with an ESCO. If checkline determines that the project is viable, the next step is to fill out a *datasheet* with some data related to the current system, so that the calculations can be developed.

- **Café-Networking.**
- **Case study: Francisco Puente (ESCAN)**

At the end of the workshop, a practical case study was developed, consisting in some relevant calculations to be solved so as estimating whether the project is energetic and economically viable or not.

Lessons learnt

- Among the main objectives of the Streetlight project are: to establish markets of EPC energy services in the regions of the project partners, implement 36 EPC projects, foster the creation of 18 ESEs SME, aiding the lamps and luminaries refurbishment of the street lighting and transfer experience among the partners.
- The work programme and activities of the project are: support to specific Streetlight-EPC projects, results dissemination and networking.
- There is practical documentation available to detect and develop projects. (Quick-check), guidelines, FAQs, etc.
- Presentation of the Spanish Internal Helpdesk as information point.
- Introduction of the street lighting experiences and developments in Spain with energy services and LED technology: Salobre, Mora de Toledo, Almodovar del Campo, Palencia, Segura de Leon, San Sebastian de los Reyes, Vitoria.
- Presenting the checklist facilitation service and explanation of how to use this tool to a preliminary evaluation of streetlight refurbishment and a practical case study to better understand the calculations carried out.





Attached (on CD):

- pictures
- programme
- printed invitation folder
- ppt (also available in the Spanish Facilitator website www.streetlight-epc.es)
- list of participants
- press release