



# Streetlight-EPC

## **EVENT DESCRIPTION** **Project Partner: ESCAN**

**Title of the event:** 1<sup>st</sup> Meeting with Regional Working Group

**Date & location:** 19 November 2015, Langreo, Spain

**Organiser(s):** ESCAN

**Number of Participants:** 14

### **Summary**

In order to support the dissemination of the learning process, meetings of a Streetlight-EPC working group are organised in each partner region during the procurement and implementation process of EPC projects. A meeting was organised on 19 November 2015 in Langreo, Spain. Attendees included representatives from: Escan, EDP-HC, DG ENERGÍA ASTURIAS, INGENALON, FAEN, ENER GALON.

### **Objectives & main programme points**

- Presentation
- Responsible management of municipal resources.
  - Control of electrical supplies and tender process.
  - Municipal management systems based on the ISO50001.
    - The context
    - Introduction to the MMS
    - Advantages of a normalized MMS
    - Objectives and characteristics of the UNE-EN-ISO 50001 rule
    - The PDCA scheme
    - Peculiarities of the municipalities
    - Steps in the implementation of MMS
    - The certification process
    - Economic-financial aspects
    - Integration with the Covenant of Mayors
    - Success stories.
  - How to guarantee a 65% in energy savings in street lighting (Streetlight-EPC)

Francisco Puente pointed out the importance to well define a strategy and the steps to follow, that are different in each project. It is also important that other key organizations



participate in the process, such as: municipalities, ESCOs, lighting industry, financial institutions, national and regional authorities.

The technologies that achieve significant energy savings are: LED lighting or mixed LED plus other efficient technology and/or regulation systems, reaching energy savings from 45% to 85%. Escan facilitates participation, training and the screening of potential projects. Financial options for street lighting project were also presented. There is an available office for information and advice ([www.streetlight-epc.es](http://www.streetlight-epc.es)). Projects' examples in different municipalities across Spain were introduced (Mora de Toledo, Palencia, Salobre).

### **Conclusions & lessons learnt (based on stakeholder input)**

- Energy expenditure is 2 to 30% of the municipal budget.
- The cost of a MMS ranges from 10.000 to 50.000€ and the savings are up to 15%.
- The information can be easily collected to be managed by the Municipality and this can be done both internally or externally (company).
- The inspectors sometimes stop certain lighting projects due to lack of information.

