



## **EVENT DESCRIPTION**

### **Project Partner: OÖ Energiesparverband (ESV)**

**Title of the event: Workshop – LED street lighting**

**Date & location:** 29 January 2015, Upper Austria

**Organiser(s):** OÖ Energiesparverband

**Number of Participants:** 17

### **Summary**

The aim of the workshop was to bring together representatives from municipalities that are considering implementing streetlight refurbishment projects with energy performance contracting (EPC). 16 participants took part in the event. They were offered in-depth and practical information on current street lighting technologies and the various steps of planning and implementing EPC street lighting projects. Concrete examples of energy efficient street lighting systems in Upper Austria and an interactive session completed the programme.

The seminar was targeted at persons who are involved with energy issues within municipalities. Participants included chief municipal officers, heads of construction departments, members of environmental committees and technical staff.

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

The aim of the event was to offer information on the main technical, financial and legal aspects of increasing the energy efficiency of street lighting systems. EPC was presented as an interesting solution for the financing and operation of efficient street lighting systems.

This event consisted of theoretical sessions, the presentations of real-life examples in Upper Austria and interactive sessions with experts.

The presentations covered the following topics:

- Overview of energy efficient lighting in Upper Austria
- EPC and its potential as financing and operation model for the refurbishment of street lighting
- Conversion of street lighting to LED – main aspects to consider



- Technical options for LED street lighting control systems
- Real-life examples of the refurbishment of the street lighting systems in Upper Austrian municipalities and lessons learnt

The presentations were followed by a workshop in the second part of the afternoon. This interactive session was led by the energy commissioner of Upper Austria and an expert from an experienced ESCO that has many on-going projects in the region. During this session, participants exchanged on frequently asked questions about street lighting technologies and EPC. They were also supported in conducting a basic evaluation of the economic feasibility of the refurbishment of street lighting in their municipality with LEDs using EPC. These evaluations were done using the quick-check tool developed in the context of the Streetlight-EPC project.

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

Representatives from 16 Upper Austrian municipalities attended the event. It permitted participants to gather information on all important technical, financial and legal aspects related to street lighting refurbishment. It also offered them valuable tools for the implementation of projects in their municipalities.

Conversion to LED technology can permit significant savings in energy and maintenance costs. It can offer municipalities an interesting solution to the challenges resulting from the current phasing-out of certain types of lamps in the EU. There are a number of LED streetlight projects already implemented in Upper Austria. These successful projects act as strong positive models for other local authorities. Municipalities can greatly learn from each other by sharing their experience and knowledge.

The quick-checks filled-out during the event show that the age of many street lighting systems and the type of technology currently in place make EPC an interesting solution for street lighting refurbishment in Upper Austria. For municipalities who are not familiar with the concept of EPC require more support because they have several questions and uncertainties. Among others, they search for information on the advantages of EPC, the steps to follow to implement a project with EPC, the legal implications for all parties and the financial impact for the municipality.

The feedback received was very positive. As positive points, participants mentioned the high quality of the presenters and the information received as well as the possibility to learn from other municipalities. The participants most appreciated the fact that the event offered detailed and yet concise information about all important aspects of street lighting refurbishment.

