



EVENT DESCRIPTION

Project Partner: OÖ Energiesparverband (ESV)

Title of the event: Workshop – LED street lighting

Date & location: 19 January 2016, Upper Austria

Organiser(s): OÖ Energiesparverband

Number of Participants: 25

Summary

The workshop brought together municipal representatives that are currently in the process of implementing streetlight refurbishment projects with energy performance contracting (EPC) or considering such a project. 25 participants from a total of 18 municipalities took part in the event. Participants were offered practical information on planning and implementing EPC street lighting project and supported in their own processes. Several examples of refurbishment street lighting system in Upper Austria were presented and discussed in detail. The participants had the opportunity to discuss with experts and ask questions about projects in their municipality. The quick-check tool developed in the Streetlight-EPC project was used to help participants evaluate the feasibility of their projects.

The event was meant for persons 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 main focus of the workshop was to discuss concrete steps for streetlight refurbishment and EPC. Technical, financial and contractual aspects of streetlight refurbishment were presented and discussed. The EPC model was explained in detail as an interesting solution for the financing and operation of efficient street lighting systems.

Participants were invited to complete the Streetlight-EPC quick-check tool prior to the event. The quick-check permits a first basic evaluation of the economic feasibility of a streetlight refurbishment project using EPC. The quick-checks were analysed by experts who then offered the participants personalised feedback during the workshop. Participants were encouraged to contact the facilitation service if they wished any further support in the development and implementation of their projects.



The meeting consisted of technical information, showcases of real-life examples of streetlight refurbishment in Upper Austria and interactions between experts and participants. The presentations covered the following topics:

- Overview of energy efficient lighting in Upper Austria
- EPC as a financing and operation model for the refurbishment of street lighting
- Main aspects to consider in the conversion of street lighting to LED
- Technical options for LED street lighting
- Real-life examples of street lighting refurbishment with EPC in Upper Austrian municipalities and lessons learnt.

Conclusions & lessons learnt (based on stakeholder input)

Representatives from 18 Upper Austrian municipalities participated in the event. The high participation rate confirms that municipalities are interested in the topic of streetlight refurbishment and EPC and that they are actively searching for information and solutions. Participants took advantage of the event to questions the experts on various topics and discuss with peers.

The quick-checks that were completed before and at the event showed that streetlight refurbishment with LED with very often economically feasible in Upper Austria and that EPC can be an interesting financing and operation model. Due to the age and technologies currently in place in many municipalities, the street lighting systems hold high energy savings potentials.

The energy savings potential of streetlight refurbishment with LED is sometimes so high that the municipalities are surprised this level of savings can be achieved and that the ESCO even guarantees these savings. Although a number of EPC projects have been implemented in Upper Austria in the past decades, activities supporting the preparation and development of concrete EPC projects – such as workshops like this one – are still required. Presenting examples of implemented projects is also very beneficial for awareness raising and EPC market development. It permits to share experience and helpful lessons learnt with other municipalities interested in implementing a project with EPC. It also helps increase trust by confirming that the high guaranteed energy savings can be achieved.

Participant feedback was very positive. Participants mostly appreciated the high quality of the information received, the concrete examples and practical approach of the workshop. They also appreciated the opportunity to discuss their own projects with experts and received personalised feedback and support.

