



## **EVENT DESCRIPTION**

**Project Partner:** Carlow Kilkenny Energy Agency

**Title of the event:** Regional EPC Meeting Carlow & Kilkenny

**Date & location:** 8<sup>th</sup> April 2015

**Organiser(s):** Carlow Kilkenny Energy Agency

**Number of Participants:** 6

### **Summary**

A joint venture meeting was arranged between Carlow County Council and Kilkenny County Council by CKEA. As the city partner Kilkenny has identified the need to implement lighting retrofit projects. The counties of Kilkenny and Carlow has a strong working relationship in terms of local government and therefore it was seen as a good exemplar project for both counties to work together.

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

Subsequent to the motorway opening in Carlow/Kilkenny it was identified that the lighting requirement on the declassified network had changed. The objectives of the meeting was to discuss a joint venture for an EPC project along the declassified network. The meeting was held at the Lord Bagenal Hotel in Bagenalstown, halfway between Carlow and Kilkenny but also located on the declassified R448 road. The main programme points were;

- Situation in Ireland on Public Lighting
- Declassified Road Network

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

CKEA provided an outline inventory and cost benefit analysis on the entire lighting stock for both counties. The outline inventory included;

- Number and type of luminaires
- Wattage/kWh
- Hours of Operation

A simple cost benefit analysis was also carried out using estimates on wattage and the cost of installing LED lighting and the subsequent energy savings. The regional approach to an EPC/ESCO model was discussed at the meeting. The regional approach was used successfully in 2012 to develop a maintenance contract for the South East Regional counties of Carlow, Kilkenny, Tipperary, Wexford and Waterford. This approach needs to be advanced further. The priority of the regional approach was to save money on maintenance and also to act as a model for other counties.



The availability of an accurate inventory was seen as a key driver for the implementation of an EPC project. As Kilkenny County Council has completed an extensive inventory a knowledge sharing exercise was put in place whereby Joe Daly would assist Carlow County Council in the development of their inventory.

It was also decided at the meeting to use the technical assistance offered by SEAI to develop the process for an EPC. The technical assistance offers financial support to develop an EPC project. The technical assistance fund is used to carry out the initial feasibility of an EPC project through accurate inventory, legal requirements and technical requirements. CKEA has assisted Carlow, Kilkenny and Galway local authorities in this process.