

Streetlight-EPC: Triggering the market uptake of energy performance contracting through street lighting refurbishment projects.



Old street lighting systems can account for **30-50% of municipalities' total electricity consumption**. Yet, current technologies offer **30-70% energy savings potentials**. These savings potentials have been recognised and incorporated into European policy: **EU Regulation 245/2009 sets phasing out requirements for nearly 80 % of all currently used lamps** types between 2012 and 2017. This means that these lamp types will no longer be available on the market for purchase.

Energy Performance Contracting (EPC) offers municipalities an innovative, but still under-used, solution to transition to energy efficient **street lighting**, without having to pay upfront and with energy savings guarantees. This constitutes a good “learning and testing ground” for EPC due to its **lower technical and economic complexity compared to building-related EPC**. Furthermore, the recent market introduction of **LED technology offers high energy and cost savings with comparatively short pay-back times**.

The European project “[Streetlight-EPC](#)” is creating demand and supply of street lighting refurbishment with EPC projects in 9 European regions notably by setting up **regional EPC facilitation services (“helpdesks”)** which are providing one-to-one support to both municipalities and SMEs as potential ESCOs.

The project partners strive therefore towards the following major outputs:

- Establishing EPC markets in 9 European regions through regional EPC facilitating services.
- Implementing 36 EPC projects, triggering 49 million Euro investments, achieving annual savings of 32,100 MWh and EUR 4.8 million.
- Inducing 18 SMEs to becoming ESCOs.
- Contributing to EU product policies (phasing-out requirements) and the European Energy Efficiency Directive (strengthening energy services markets).

Resources:

- *Get support from the [Regional Facilitation Services \(“helpdesks”\)](#) in Upper Austria, Carlow Kilkenny, North-West Croatia, South Bohemia, Northern Poland, South-East Sweden, Podravje region, Macedonia, North/Central Spain*
- [GUIDE](#), [CHECKLIST](#), [FAQs](#), [Regional/National Funding Sources](#) - in the 9 languages of the partner regions (English, German, Croatian, Czech, Polish, Swedish, Slovenian, Macedonian, Spanish).
- [Webinar recording](#) in Spanish on examples of street lighting refurbishment using EPC and notably European funding sources (PDA, ELENA)



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