

Energy Efficiency Tools related to Public Lighting (Article 5 and Article 8 of the EED)

Public Lighting Standard Inventory List, Ireland; in order to deliver the national action plan it is essential that all local authorities have a comprehensive and accurate public lighting asset inventory. Transport Infrastructure Ireland (TII), City and County Managers Association (CCMA), Sustainable Energy Authority of Ireland (SEAI) and a number of Local Authorities have developed a Public Lighting Inventory Template to ensure standardisation and consistency of data entry for all Local Authorities. This user manual has been prepared as an accompanying guide to the standardised template to assist individuals within local authorities in completing their public lighting inventories, whether working from an existing database or starting one for the first time.

DETAILED INFO: www.seai.ie



Checklist for Streetlight Refurbishment with Energy Performance Contracting, EU; the EU-Project Streetlight-EPC is funded by the Intelligent Energy Europe Programme and was launched in April 2014 with the objective of triggering the market uptake of EPC through street lighting refurbishment projects. Within this project, checklists for municipalities were prepared. These permit a first assessment of whether streetlight refurbishment could be carried out economically and whether EPC might be a suitable option. These checklists are available in the respective languages and for the specific contexts of the project regions.

DETAILED INFO: www.streetlight-epc.eu



Financial Model for Street Lighting Toolkit, UK; developed by the Scottish Futures Trust (SFT) and supported by the Scottish Government through its Resource Efficient Scotland (RES) programme, the toolkit allows councils to input their current street lighting data which in turn calculates what the reduced electricity usage would be if they changed to new, energy-efficient LED lighting. The toolkit also calculates what level of investment is required by the council to replace its old lights with new LED fittings, and the payback period of the loan.

DETAILED INFO: <https://www.scottishfuturestrust.org.uk/publications/tag/street-lighting>

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Premium Light Pro, EU; the international initiative “Premium Light Pro” focuses on the implementation of next-level energy efficient LED lighting systems (indoor & outdoor lighting) in the private and public service sector. A successful implementation of next-level energy efficient LED lighting systems needs a successful project management. Therefore, the overview of planning steps developed through PREMIUM LIGHT PRO will guide the user(s) to a strong management of their LED project(s).

DETAILED INFO: www.premiumlightpro.org.uk/indoor-lighting/guidelines-downloads/



Quick-check lighting refurbishment–Halls & Outdoor Parking, EU; the costs for LED lighting for halls have significantly decreased in recent years. In many cases, this has made refurbishment economically feasible. This quick-check aims to support companies and institutions in the first steps towards refurbishing lighting systems in halls. It helps assess whether lighting refurbishment could be carried out economically and whether "energy performance contracting" might be a suitable option. In outdoor parking, the same technologies are used for street lighting. This quick-check supports companies and institutions in the first steps towards refurbishing lighting systems for parking lots.

DETAILED INFO: www.streetlight-epc.eu



Examples of implemented lighting refurbishment projects, EU; this tool is a collection of 50 descriptions of street lighting and indoor lighting refurbishment projects. The projects were implemented in 8 countries in the context of the Streetlight-EPC project. The majority of the projects were implemented using various forms of EPC (Energy Performance Contracting). The collection consists of a 2-page description for each project with key data, results, and photos. The EU-Project Streetlight-EPC, funded by the Intelligent Energy Europe Programme, ran from April 2014 to March 2017 with the objective of triggering the market uptake of EPC through street lighting refurbishment projects.

DETAILED INFO: www.streetlight-epc.eu

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