

## EU GPP-Award

**Winner 2016: Mesto Prešov, Slovakia**

### Modernization of public lighting in the Municipality of Prešov using the LED technology

The project in Prešov included the refurbishment and modernization of public lighting and the following impact to the effective energy consumption management, accompanied by lower operation costs and improved parameters of new public lighting system:

- Replacement of 1.170 pieces old-fashioned lamps by more energy efficient LED lamps with significant longer life time (100 000 hours)
- Modification of settings and a software at 19 electrical distributors, as well as the replacement of 4 RVO pieces by remote-controlled ones
- Upgrade of existing control system by the new one focused on new energy efficient parameters

Consequently the electric energy consumption of the public lighting system was reduced, which has a positive environmental impact by means of CO<sub>2</sub> emission savings in amount of 64,39 tons per year. Moreover, a modern design of the new LED lamps contributes also to the environmental improvements by means of better lighting characteristics, as well as the lamps are produced from recyclable material.