

# Public Lighting Project

## Owner of the project:

Municipality of Maribor

## Estimated value:

€8 million

## ROI:

7 years

## Short description



The Municipality of Maribor is searching for public-private partnerships for the replacement of public lighting in accordance with EU regulations. EU regulation demands: installation of lamp must be under the angle of 0 degrees, maximum usage of 44,5 KWh per capita, flat glass on lamp, CE certificate.

### Project details:

- total number of lamps: 14,600 pieces,
- total amount of investment: €6–7 million,
- investment return in savings in energy consumption: ≥ 7 years,
- reduction of installed power: ≥ 60% (before 2.3MW; goal after refurbishment: 1.0 MW),
- annual energy consumption per inhabitant of the Urban Municipality of Maribor (before 102 kWh/inhabitant/year; after the refurbishment ≤40 kWh/inhabitant/year),
- lamps and equipment must meet EU legislation and CE marking,
- delivery conditions: FCO Maribor.

### Financing from saving:

- savings in energy consumption: ≥ 60% (before €1.5 million; goal after refurbishment €0.70 million),
- savings in current maintenance: ≥ 30% (before € 750,000/year; goal after refurbishment: €0.55 million),
- total savings per year: €1 million.

### Project subject:

- lamps – 13.000 units,
- poles – 1.500 units,
- monitoring of energy consumption,
- installation.

### Desired outcome:

#### 1. The municipality is searching for a company which:

- can provide the technology,
- has experience of this type of project,
- can finance the project / can organise project financing.

#### 2. The municipality will:

- send detailed project specifications to all interested companies,
- check and evaluate received offers (criteria: price, technology, project timing),
- the top 5 bidders will be invited to Maribor in order to make their final offer.