

## City of Stavanger | LED case study



### WITH CHEAP ENERGY WHY CHANGE TO LED STREETLIGHTING? "

Stavanger has some of the cheapest electricity in Europe. Even with significant reductions in energy from using LEDs, payback times will be long, so why change?

#### BACKGROUND

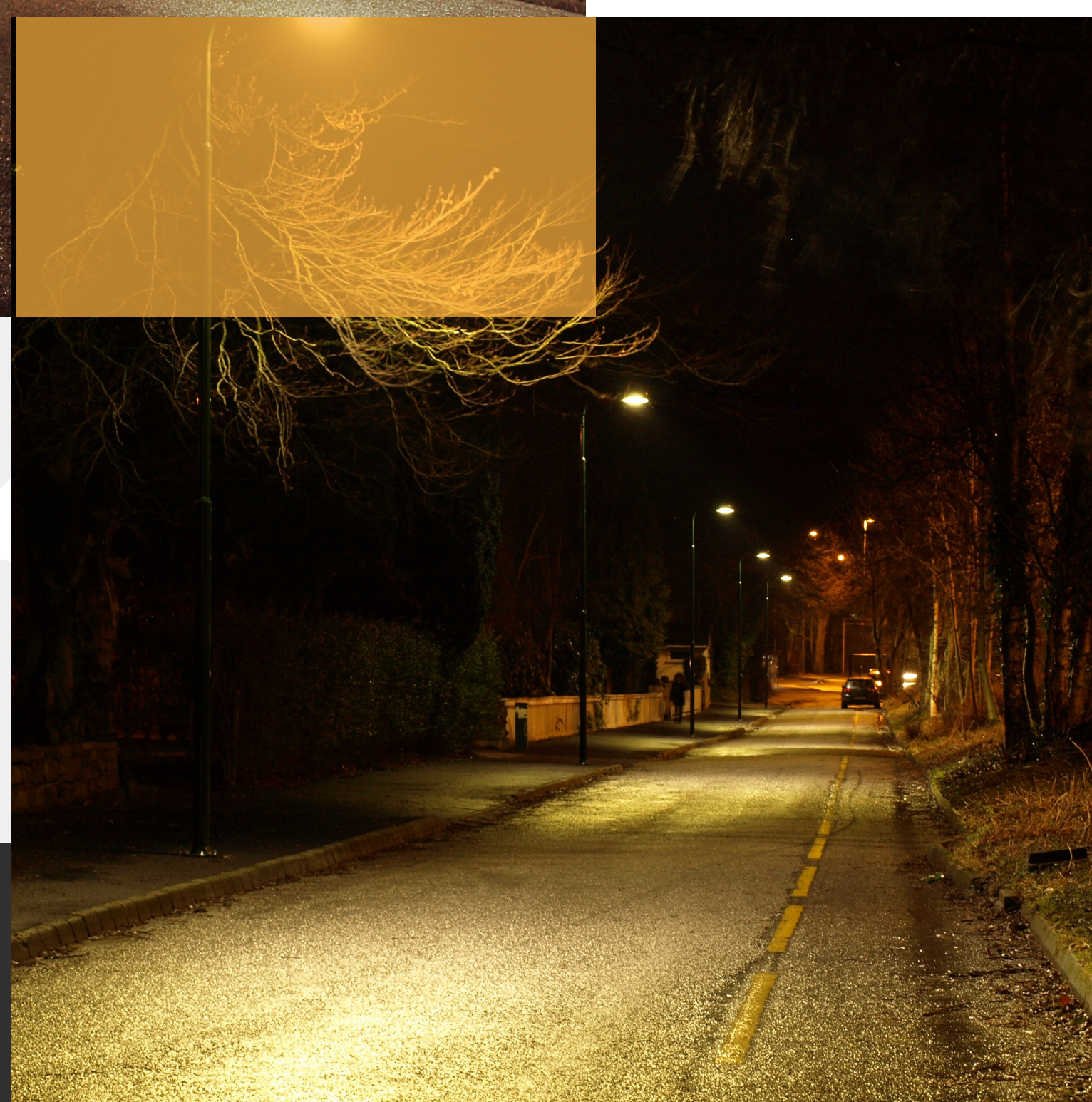
In 2012, a political decision was made to use LEDs for all new lighting installations and replacements.

#### REASONS FOR CHANGE

LEDs together with ICT open up smart lighting systems and can bring Stavanger further on the way towards a Smart City. High quality LEDs give a much better quality of light and this means increased security for people and a better sense of well-being. From 2016 - 2019, Stavanger will replace 6,500 mercury lamps. The longer life of LED means lower maintenance costs. The energy saving is 60%.

#### IMPROVEMENTS FOR THE FUTURE

The smart lighting system can be developed to interact with end users and public authorities. In the future, various sensors can be added, and offer new services and added value for the citizens.



+ info: <http://lightingforpeople.eu>

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#### PARTNERS

