

## Press Release

June 8, 2017

### **Western Norway gets connected LED street lighting from Philips Lighting for ‘smart city’ initiative**

- *Largest Philips CityTouch installation in Northern Europe to date*
- *Over 18,000 connected Philips LED street lights installed across 11 municipalities in Norway*
- *Expected energy savings up to 70 percent and approximate reduction in CO<sub>2</sub> emissions of 1,100 tonnes*

**Eindhoven, the Netherlands** – Philips Lighting (Euronext Amsterdam ticker: LIGHT), a global leader in lighting, today announced that 11 municipalities in southern Rogaland in Western Norway will be transformed into smart municipalities over the next two years. Over 18,000 connected Philips LED street lights will be installed and controlled remotely using the [Philips CityTouch lighting management system](#). The combination of LED luminaires and remote monitoring and control will transform the management of lighting across the municipalities, enabling energy and operational savings.

### **Reducing CO<sub>2</sub> emissions with connected LED technology**

The current street lighting will be replaced by future-proof [Philips Luma LED luminaires](#). Lyse Elnett, the energy management company owned by the 11 municipalities in southern Rogaland, will perform the installation. The connected LED lighting system will provide energy savings of up to 70 percent and creates a digital platform to add more features to the municipalities’ strategic ‘Smart City’ initiative.

By replacing 18,000 luminaires with Philips LED luminaires, CO<sub>2</sub> emissions will be reduced by more than 1,100 tonnes annually – a crucial step towards the municipalities’ goal to lower CO<sub>2</sub> emissions by 30 per cent by 2020. The new lighting brings other advantages as the existing luminaires were outdated and needed to be replaced.

“Lyse Elnett has already installed the first 1,500 Philips Luma luminaires. The connected luminaires are futureproof and give the municipalities the ability to connect other sensors for smart city functionality in the future,” said Jarl Hoogstad, product manager for road and street lighting at Lyse Elnett. “The towns in the region are very keen on connected technology for the future. We asked all suppliers about their plans for ‘Smart Cities’ and found that Philips Lighting was the supplier which had the most ambitious vision for the future,” Hoogstad said.

The key benefit of the [Philips CityTouch system](#) is that each light point is connected and may be controlled and performance data will be sent through existing cellular networks to Lyse Elnett and the municipalities. The data will enable them to efficiently monitor the municipalities’ lighting infrastructure and remotely manage illumination levels to match different needs by area. For example, in the evening during summer when there is more light and less traffic, Lyse Elnett or the municipality can adjust the dimming schedule to match the 17-18 hours of daylight, resulting in additional energy savings. In addition, the system enables faults to be reported and repaired quickly, reducing maintenance time and cost.

# PHILIPS Lighting

"We worked together with Lyse Elnett to find the best way to create a smart city vision across the municipalities in southern Rogaland. The LED lighting installation is a good example of how to reduce energy consumption while ensuring that street lighting is connected and future-proof to reap the benefits associated with smart cities," said Bjørn Rune Steinsland, sales manager for Outdoor Lighting at Philips Lighting in Norway. "Philips CityTouch provides the ability to easily control the light level and optimize maintenance and they will always have the data at their fingertips to see the status of the 18,000 connected LED luminaires in the 11 municipalities and take action where needed."

The remaining 16,500 smart luminaires will be installed in South Rogaland by the end of 2019.

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## Notes to editors

- Leading in Norway: The project in South Rogaland is one of the largest street lighting projects in Norway. Lyse Elnett is committed to a smart technological future. Therefore, also they are involved in a major Nordic conference on smart cities, called the Nordic Edge Expo. It takes place in Stavanger, Norway from September 26-28, 2017 where Philips Lighting and Lyse Elnett will demonstrate how Norwegian connected LED street lighting may be adapted further in the [future](#).
- Since its launch in 2012, Philips CityTouch street lighting management system has been installed in more than 850 projects across 37 countries. Please find [here](#) more information about the latest smart city lighting trends.

**For further information, please contact:**

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## About Philips Lighting

Philips Lighting (Euronext Amsterdam ticker: LIGHT), a global leader in lighting products, systems and services, delivers innovations that unlock business value, providing rich user experiences that help improve lives. Serving professional and consumer markets, we lead the industry in leveraging the Internet of Things to transform homes, buildings and urban spaces. With 2016 sales of EUR 7.1 billion, we have approximately 34,000 employees in over 70 countries. News from Philips Lighting is located at <http://www.newsroom.lighting.philips.com> and on Twitter via @Lighting\_Press.