

Manchester

Stavanger

Sabadell

Leipzig

Eindhoven

Prague

triangulum

DEMONSTRATE · DISSEMINATE · REPLICATE

STAVANGER LIGHTHOUSE CITY MOBILITY



First in Norway with electric buses in ordinary traffic

- As part of Triangulum, Rogaland County Council and Kolumbus have acquired three emission-free electric buses.
- The main objective of this trial project was to increase the knowledge of electric buses and to find out how the public transport system in the region can adapt to the electric buses, and vice versa.
- We have gathered important information regarding the operation, maintenance and driver experience of these vehicles.
- The buses have saved the climate for 127 tons of CO₂ (global emissions) and the urban area for 546 kg NO_x (local emissions) after two years on the road.
- Being the first in Norway to try buses that run on battery power has led to increased attention on electric buses and emission-free public transport in the region.
- Following in our footsteps, Prague and Leipzig have made contact and come to visit to learn more about the electric bus project. Other public transport companies in Norway have also done the same before purchasing their own electric buses.



Credits: Triangulum/PlayDesign

Smart charging of electric vehicles

- Lyse has described and analyzed the infrastructure for charging electric vehicles (EV) in the project area.
- As well as carrying out the analyses, Lyse installed ICT-based smart charging solutions in 10 of the pilot homes. These provide data on usage and time variations at regular intervals. Among other things, this has a bearing on the future infrastructure for electrical energy distribution, but it will also provide valuable data on people's changing power consumption patterns, as many owners of electric vehicles prefer to recharge at home.



Credits: Triangulum/PlayDesign

Innovative video solution

- Blink is part of Lyse's contribution to the Triangulum project, and provides a new and seamless service that communicates between smartphones, tablets and the biggest and best screen in the home – the TV.
- The video solution will provide a high level of security – as secure as ID authentication in banks – and complies with data protection law.
- The aim is to combine mobility, ICT and energy considerations by reducing the need for travel, increasing quality of life for residents, and improving and simplifying care provision.

Website

www.triangulum-project.eu



YouTube

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This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No 646578