

Smart home automation Energy | Stavanger, NO



Photo source: Lyse AS

Lyse has installed smart gateways with home automation equipment in 100 homes, a school gym and a nursing home in Stavanger.

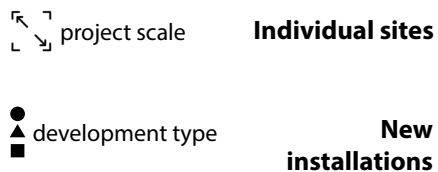
This allows residents to control lights and heating, and to see an overview of their energy use and enjoy decision support via a dedicated in-home display. For the nursing home, similar solutions were installed in 8 rehabilitation rooms at the nursing homes with elderly patients.

Measured Impacts

Mean of annual energy consumption per residence reduced by **26,06%**

Benefits

- Carbon savings
- Reducing GHG emissions
- Decreasing energy consumption
- Decreasing energy costs
- Improving energy efficiency
- Awareness of electrical use
- Higher comfort



Lessons learned

- Do not underestimate the value of recruiting pilots thoroughly and following them up on a day to day basis.

Challenges

GDPR compliance caused constraints on data contribution from pilot homes

Supporting factors

- Grid and fibre capacity
infrastructural
- Power and fibre capacity supplied by Lyse
financial
- Hillevåg Area of Stavanger
geographical
- Contributing to a more energy conscious society
social
- Stavanger municipality
partners

Films

Nursing home testing smart technology:
<https://vimeo.com/298157791>

Contacts

Lyse AS
Trond Thorbjørnsen
trond.thorbjornsen@lyse.no