

Energy Expert trainings for housing companies in Tampere

Good Practice example for participatory energy planning



Tampere, Finland



Tampere Energy Agency (project lead) in association with local housing companies, city officials and local businesses



Since 2000

Background

The building stock of Tampere, Finland was mostly built between 1970-1980 and is largely in need of repair. Building renovation works provide a possibility to improve the energy performance of buildings through incorporating energy saving solutions.

Key Challenge

There is a lack of professional knowledge in decision-making by housing companies, on how to improve energy efficiency of buildings. Often the members of boards in buildings that are in most need of repair, are the most difficult to reach to raise awareness of energy efficient building improvements.

Initiative

The Tampere Energy Agency developed and facilitates an Energy Expert training course to educate housing company board members (=residents) on energy efficient technologies. The course content is in line with Tampere's target to become carbon neutral by 2030, the aim is to reduce CO₂ emissions by 80% from the 1990 level and 10% of the reductions should result from the building sector. The aim of the course is in part to raise awareness of energy issues with residents and develop new partnership models with local businesses.

Topics covered in the course include the city energy system, renewable energy at a building level, energy efficient mobility and storm water drainage. Different speakers are present during the course representing the different topics from business and academic backgrounds. Local businesses dealing with energy efficient solutions for the building stock are strongly involved in the course implementation, which has provided direct connections between residents and building managers from housing companies and technology providers.



Local businesses presenting low carbon solutions to Energy Experts in a mini fair
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Success Factors

The Energy Expert course has trained up to 300 Energy Experts in 270 housing companies across Tampere. By using strategic thinking and new technologies, participating housing companies have improved energy efficiency from 15-30%. The value of the properties has increased and selling times of the flats are short in the housing companies that are well-maintained. Energy Experts have a significant impact on these matters.

The course provides a platform to transfer knowledge about energy efficient technology and opportunities for local business partnerships. Promoting engagement, the initiative has strengthened cooperation between stakeholders at a city and district level, providing a channel for discussion and feedback, and increasing participation of citizens and housing companies in district development processes.

Further Information

Description of the Energy Experts on the [TARMO+ webpage](#)