

FURTHER OPTIMISING AN ENERGY EFFICIENT OFFICE BUILDING



PROJECT OVERVIEW

The management building at Empa was built in 1960, renovated in 2009 and has 2000 m² of office space. In the project 140 radiators were upgraded from analog thermostats and manual valves to Danfoss Ally smart devices and connected to the cloud to be controlled by viboo's Self-Learning Predictive Control.

CLIENT TESTIMONIAL

"With the viboo system, we took an already energy-efficient building and reduced the energy demand even further. Furthermore, the reliability was outstanding."

Kevin Olas
Head of Real Estate - Empa Immobilien



31% LESS ENERGY USE

Accounting for weather variations, heat consumption was reduced by 31%, leading to a significant decrease in emissions & costs.



IMPROVED COMFORT

Each room maintained temperatures within 0.5°C of the set values 96% of the time, with deviations only due to open windows.



SIMPLE INSTALLATION

Installation and commission took place in an afternoon without needing expensive retrofit or downtime due to renovations.

ABOUT VIBOO

viboo is a spin-off from Empa that brings predictive algorithms to any smart thermostat. Visit www.viboo.io and start saving.

