

[e]gain The expert on intelligent energy optimization in residential buildings.

Buildings account for 41 % of the world's energy consumption and 36 % of greenhouse emissions.

That's about to change.



Be smart — stop wasting energy.

Our journey started when innovator Thorbjörn Geiser discovered deficiencies in the climate control of buildings. He discovered that energy consumption in residential buildings was much higher than it had to be. The systems only used outdoor temperature to regulate indoor climate and therefore failed to utilize the building's own ability to store heat. In addition, the systems were slow to adapt to weather changes as they had no access to information about weather forecasts.

Egain was launched with a goal of reducing heating costs and contributing to a better indoor climate while above all putting an end to unnecessary CO₂ emissions in residential real estate.

Since launching, Egain has developed intelligent self-learning software tailored to working with future innovations. The software optimizes energy consumption in buildings by linking information from millions of data points with the knowledge of leading energy experts. It takes into account the unique conditions of the building, today's and tomorrow's weather, the indoor climate and human behavior. The result is optimized self-regulating energy consumption and a better indoor climate. But above all, it significantly reduces CO₂ emissions.

Since the first system was installed, Egain has optimized more than 250,000 apartments across Europe. Tons of unnecessary CO₂ emissions have been avoided and the energy usage is limited to where and when it is most useful. No more unnecessary energy waste!

Why you should choose Egain.



Lower CO₂ emissions and heating costs

The housing sector accounts for 41 % of the world's energy consumption and 36 % of all greenhouse gas emissions. With Egain, carbon dioxide emissions can be dramatically reduced from day one. On top of this energy consumption is on average reduced by 12 kWh / m², a 10-20 % saving in heating costs.



ROI in less than one year

Due to low installation costs and continuous optimization of energy consumption, investments have often repaid themselves in less than a year. Egain is also hardware independent and compatible with most indoor sensors on the market and can easily be connected to these for a more efficient control.



More efficient energy management

Egain's system provides advanced and accurate real-time measurement, which means full control of the property and its sub-station. This leads to lower maintenance costs, reduced assistance calls associated with error reporting, as well as fewer malfunctions.



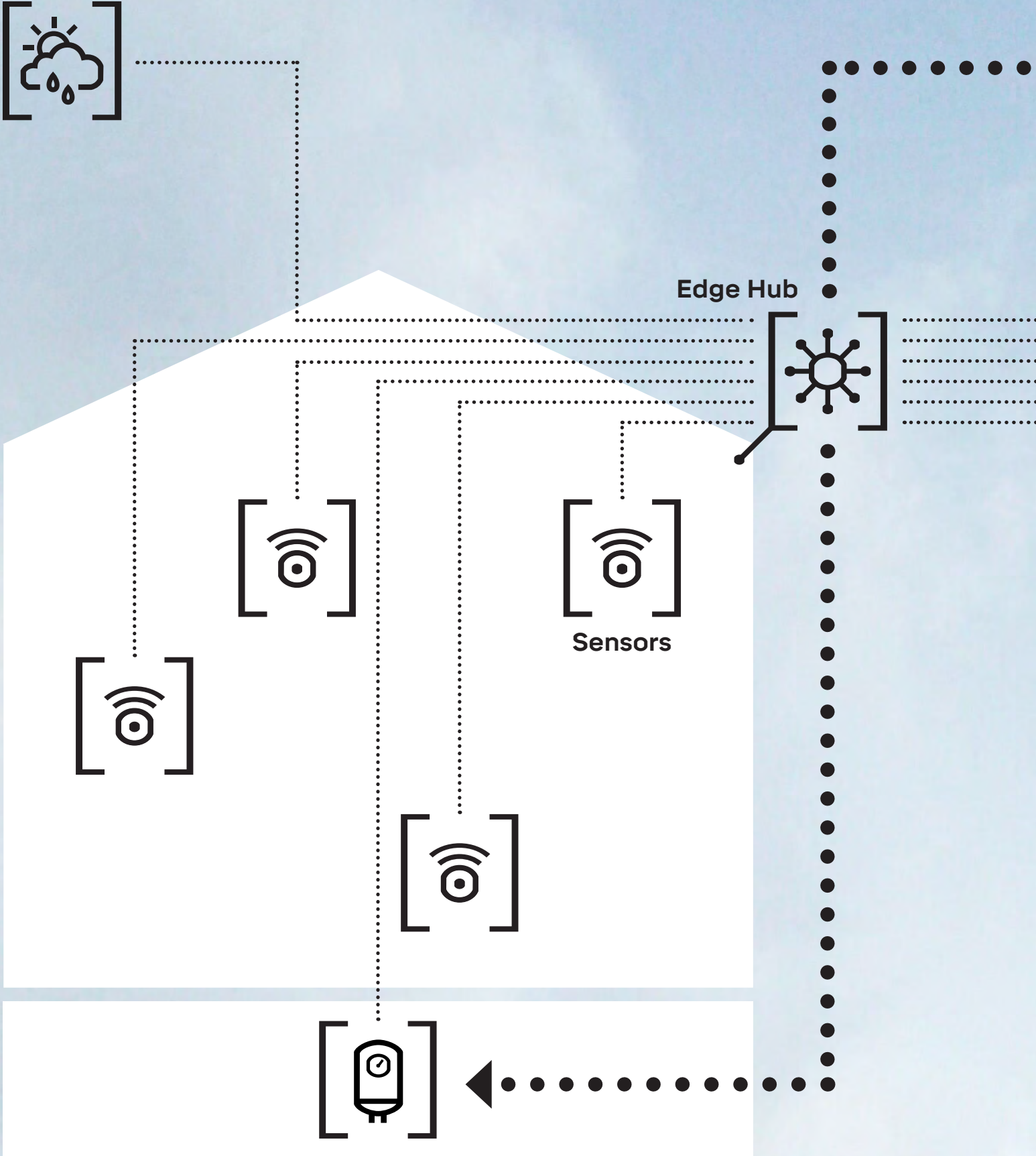
Supported by our energy experts

Our energy experts help with continuous analysis of the detailed reports the system generates and are available for customization or queries. Because Egain is self-regulating, you do not need to be an energy expert yourself for the building to be fully energy-optimized.

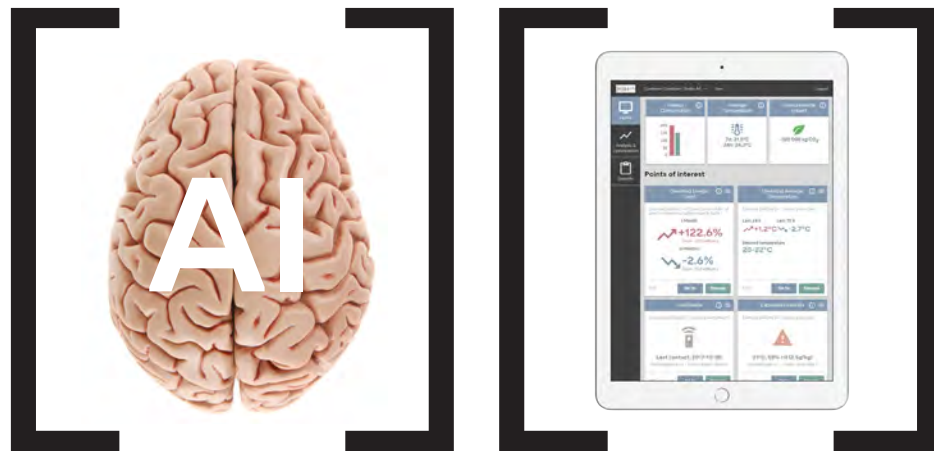


Prevent expensive power peaks

Our system is proactive and decreases power peaks while maintaining indoor comfort. Power peaks can make up to 50 % of the total energy cost. With our system you can avoid these costs.



Egain Edge



The ecosystem – so it works.

Egain Edge

Egain Edge is a cloud-based service that provides full control of energy consumption. Egain Edge visualizes the building's energy consumption at the retail level and automatically optimizes the energy consumption. The engine in Egain Edge is a powerful AI platform that analyses more than six million data points each day.

Sensors

The sensors, Egain's or a third party's, monitor temperature and humidity in both the building and individual apartments and rooms. The data is automatically sent to Egain Edge where it's analysed in real time.

Edge Hub

Edge Hub replaces traditional outdoor sensors and connects the building to Egain Edge, which is a cloud service that analyses real-time data and reports back the right temperature adjustments, to Edge Hub, which then implements them through the building's sub-station.

Energy experts

Egain's energy experts are available for assistance with optimizations tailored to the building's specific conditions as well as assisting with support and on-going analysis.

An aerial, top-down view of a city waterfront. The image shows a dark blue harbor or canal in the center, surrounded by various buildings. On the left, there's a large, modern building with a curved facade and a staircase leading down to the water. A white boat is docked nearby. On the right, there are several multi-story buildings with different rooflines and colors, including a prominent one with a blue and white patterned facade. The streets are paved, and there are some cars parked. The overall scene is a mix of urban architecture and waterfront activity.

Our customers.

Our customers are primarily private property companies, social housing companies and housing cooperatives. Below you will find a summary of the experiences for three of these. Find out more and get more comprehensive customer cases at www.egain.io.

Do you want to know how we can help you to reduce your environmental footprint and heating costs at the same time while also improving your indoor climate? Please do not hesitate to contact us for a free analysis and energy report of your property.

Call us at: +45 82 82 90 00 or email: info@egain.io. Talk to you soon!

Greve Boligselskab, Gersagerparken

FACTS
OWNER TYPE
Social housing

BUILDING SIZE
96 133 M²

LOCATION
Greve, Denmark

RESULTS
Reduced heating costs: DKK 1 169 471 (1 year)
Reduction of CO₂ emissions: 285 024 kg (1 year)
Reduction of kWh / m² / year: 15,8
Energy saving / year: 18,5 %

QUOTE
“Gersagerparken has big environmental goals and have used the savings from the Egain implementation to reduce our CO₂ emissions.”
– RENÉ KLOÉ, CHAIRMAN, GREVE BOLIGSELSKAB AFD. GERSAGERPARKEN

Almenbo a.m.b.a

FACTS
OWNER TYPE
Social housing

BUILDING SIZE
122 126 M²

LOCATION
Ballerup, Skovlunde,
Gentofte, København,
Denmark

RESULTS
Reduced heating costs: DKK 891 936 (1 year)
Reduction of CO₂ emissions: 230 233 kg (1 year)
Reduction of kWh / m² / year: 18,5
Energy saving / year: 11,5 %

QUOTE
“We want to save as much energy as possible while maintaining a high level of comfort in people’s homes. Egain is a valuable partner that helps us to achieve both.”
– CLAUDIUS SIEBEN HANSEN, TECHNICAL MANAGER, ALMENBO

E/F Kildemarksvænget

FACTS
OWNER TYPE
Housing cooperative

BUILDING SIZE
3 217 m²

LOCATION
Næstved, Sjælland,
Denmark

RESULTS
Reduced heating costs: DKK 39 295 (1 year)
Reduction of CO₂ emissions: 9 594 kg (1 year)
Reduction of kWh / m² / year: 14,5
Energy saving / year: 20,3 %

QUOTE
“Thanks to Egain we have been able to detect errors in the heating center, which would have been expensive for us if it had not been remedied in time.”
– ERIK SLOTT, CHAIRMAN, E/F KILDEMARKSVÆNGET