

A photograph of a living room interior. In the foreground, a clear glass vase with a decorative pattern holds several white tulips with yellow centers. The vase sits on a light-colored, round table. In the background, a grey sofa with a pink cushion is visible, along with a window with dark curtains and a lamp. The overall atmosphere is bright and modern.

Increased comfort and lower costs

**Smarter control and
monitoring of properties**

Abelko
INNOVATION

"It has provided an excellent indoor climate, neither too hot nor too cold. It feels more comfortable quite simply."

It pays to keep track

There is money to be saved while simultaneously improving comfort and service for residents. Whether you have just one block of flats or a large property portfolio, there are numerous benefits to more efficient monitoring and control.

Reduced energy costs are often the first noticeable benefit when an efficient control system is installed. It becomes easy to ensure a suitable indoor climate for the time of day and season. The potential for adding individual measurement functions for electricity, heating and water in each flat also increases motivation for long-term and sustainable savings.

An open system that fits all

With IMSE you can control, regulate and monitor the property's heating, water, ventilation, lighting, engine pre-heater and more. IMSE is easy to connect to existing sensors and systems in the building. See IMSE as the spider in the web. IMSE connects the ventilation, heating and cooling systems so that the systems work together and optimizes the operation. IMSE is easy to use, flexible and license-free.

The bottom line

Modern and efficient control and regulation is an investment that, thanks to cost savings will generate money for many years. Many housing associations and real estate companies have discovered the benefits of energy optimization to reduce costs and instead invest the extra funds in the properties.

Energy visualization

With energy visualization in IMSE you can continuously monitor the savings, consumptions and temperatures in the property. With IMSE you can quickly find leaks and fix them.

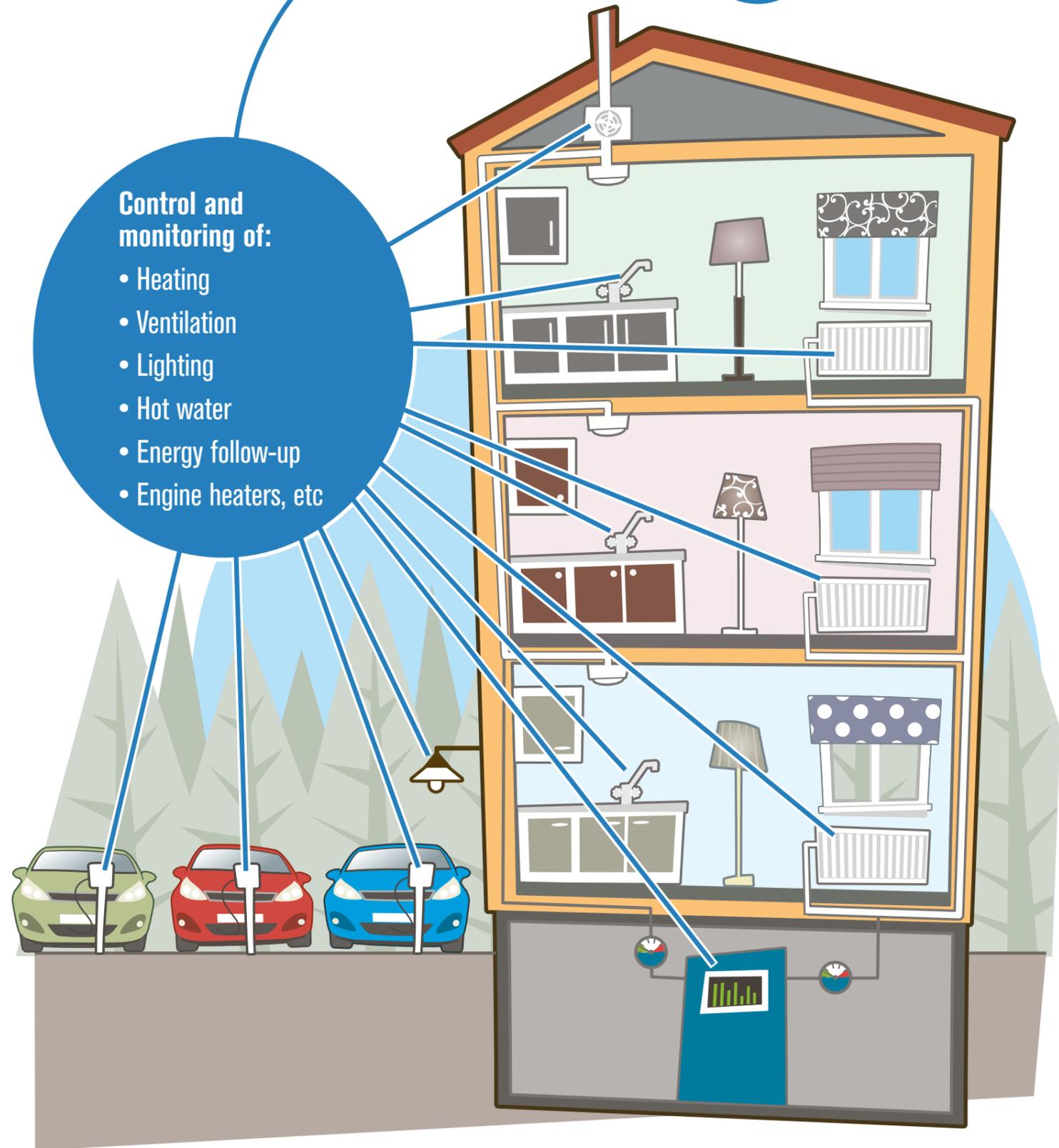
A sustainable choice

Energy is a key issue in the work towards ecological sustainability and carbon reduction. Thanks to its self-learning function IMSE adapts to the property's potential. This means that regardless of internal and external influences IMSE optimizes so that you get the best comfort and an energy consumption that is as low as possible.

Control and monitoring of:

- Heating
- Ventilation
- Lighting
- Hot water
- Energy follow-up
- Engine heaters, etc

Operation and alarm server



"The association's energy costs reduced so much this year that we will be able to afford a new patio."

"We had problems with poor ventilation previously, but that has been solved now. We quickly noticed a big difference."



IMSE ULTRA

- Modular construction
- Universal inputs (16)
- Open collector outputs (4)
- Many communication options (Modbus master, Modbus slave)
- Plug and play using a PC (router function)
- Fully graphically programmable (everything in one place with a better overview)
- Dynamic flow charts
- Several simultaneous independent processes, which start and stop individually
- Plug and play expansion with I/O modules
- Smart logging
- Encrypted (https)
- Alarm management
- User-controlled login

IMSE Ultra – Energy optimisation, monitoring, control, measurement and visualisation

There are many advantages to being able to control several functions in the same system. It saves time and provides a better overview. IMSE Ultra is expandable, freely programmable

and constructed with open licences. It has a large number of I/O ports as standard and can also be expanded with I/O modules. In addition, IMSE Ultra is user-friendly and intuitive to use.

Abelko Innovation

Abelko offers state-of-the-art control systems and automation for properties and facilities based on customers' unique requirements. We offer energy optimisation and environmental benefits by means of in-house-developed and customised technical solutions and skilled, experienced and dedicated engineers and technicians.

Abelko develops both its own products and customers' products and solutions within the fields of automatic control systems for heating and ventilation and measurement systems for energy, climate and process media. We offer balanced overall solutions with hardware, software and service commitments.

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