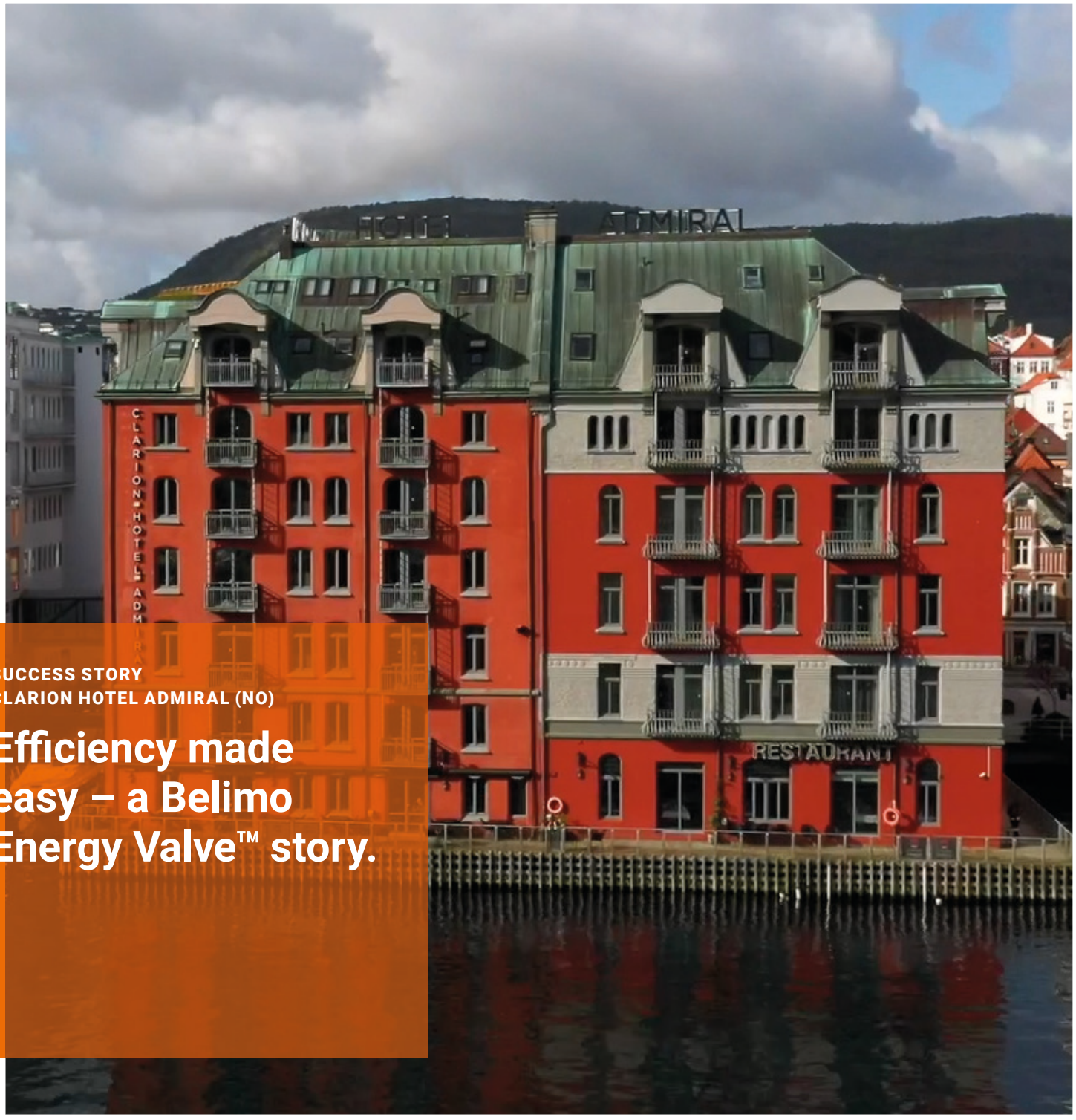

SUCCESS STORY
CLARION HOTEL ADMIRAL (NO)

Efficiency made easy – a Belimo Energy Valve™ story.

Maximum comfort in the rainiest city of Europe.

The Clarion Hotel Admiral is located in central Bergen (Norway) and enjoys picturesque views of the city's infamous harbour, Bryggen. Originally used as a warehouse for boats coming and going to Bergen, the building was constructed in 1904 and has been operating as a hotel since 1987. The hotel offers 210 rooms and seven conference centres for up to 180 delegates.

Since Bergen is the rainiest city in Europe, it was particularly important to ensure excellent comfort and wellbeing for the hotel's guests, including maintaining a high level of indoor air quality within the building. More than 30 years after the opening of the Clarion Hotel Admiral, it was time to renovate the building to increase energy efficiency and improve indoor air quality.

BUILDING TYPE
Hotel

PROJECT
RetroFIT+

TRADES
Heating and Cooling

PRODUCTS
Belimo Energy Valves

BELIMO®

Saving 400,000 NOK on installation.

After hearing a podcast episode featuring the Belimo Energy Valve™, Geir Hovden of DNB Commercial Real Estate decided to implement the device despite being in the midst of the project. The Belimo Energy Valves now ensure an energy-efficient operation of the hotel and full data transparency. Moreover, the easy handling of the smart devices saved the company around 400,000 NOK of installation costs.

DNB Commercial Real Estate was in charge of the retrofit of the Clarion Hotel Admiral. “Operating and managing around 700,000m² of property in Norway and Sweden, our goal is to follow and strive for the UN sustainability goal of zero emissions by 2050”, says Geir Hovden, Project Manager Digitalisation at DNB Commercial Real Estate. “That’s why it’s important that the performance of the buildings we manage today is optimised”, he concludes.

To increase the energy-efficiency of the hotel’s heating and cooling system, the electricity supply and the electric boiler were going to be removed replaced with district heating. The project was already in full swing when Geir Hovden learned about the Belimo Energy Valve™ through a particular episode of the Practical PropTech podcast. Tommy Hagenes, podcast host and CEO of the company Energy Control, had a clear vision in mind when founding the podcast: “When we thought about how to get the latest technology into our buildings, we started our podcast, where we try to share our thoughts and experiences about how technology, people and buildings are connected.” Tommy Hagenes remembers well the episode about the Belimo Energy Valve™ and the effect it has had: “I think this was one of our highlights as podcast hosts. Thanks to one episode, we influenced a construction project to use available technology.

Harald Aakre and Tommy Hagenes in the Pracitcal PropTech podcast studio.

“It is very important to install the Energy Valve and modern pumps in old buildings to gain insight and take control of the energy consumption.”

Harald Aakre
Project Manager, Vestrheim

Maximising efficiency with smart devices.

The possibilities of the Belimo Energy Valves, that were mentioned in the podcast, caught the attention of the project team of the hotel's renovation. They immediately ordered one piece to try it out and were convinced about its valuable impact shortly after.

Our Belimo experts supported the project team to make the most use out of the Belimo Energy Valve™ and its features, including downloading the Belimo Assistant, setting up a cloud account and integrating the valve. Now all information could be saved and monitored in the cloud, ensuring maximum data transparency. Belimo also helped the project team with the correct installation of the Energy Valves and ensured that, along with Belimo's cloud solution, they could integrate their own cloud solution. This way, all settings can be controlled and monitored in the same place. The project team was fully convinced by the outcomes of installing Belimo's intelligent device: "The Energy Valve not only simplifies installation, but it also simplifies commissioning and adjustment during further operation", says Harald Aakre. Furthermore, he was surprised by the massive outcome of the comparably minor adjustments made with installing the Energy Valves: "To integrate these few components, you don't need any major renovation of the house. It's very easy and fast to treat data and start saving energy" he sums up.

Right after ordering the Energy Valve, Harald Aakre had to test it himself.

Saving on installation, operation and maintenance all at once.

Comparing the data to other buildings managed by DNB Commercial Real Estate, it was obvious that even small changes can make a significant impact, not limited to energy savings. The company also saved around 400,000 NOK of installation costs thanks to the simple and fast installation of the Energy Valves. Moreover, the hotel continues saving on maintenance and operation thanks to maximum data transparency the Energy Valves offer.

Simple commissioning and maintenance thanks to the Belimo Assistant.

All inclusive.

Belimo is the global market leader in the development, production, and sales of field devices for the energy-efficient control of heating, ventilation and air-conditioning systems. The focus of our core business is on damper actuators, control valves, sensors and meters.

Always focusing on customer value, we deliver more than only products. We offer you the complete product range for the regulation and control of HVAC systems from a single source. At the same time, we rely on tested Swiss quality with a five-year warranty. Our worldwide representatives in over 80 countries guarantee short delivery times and comprehensive support through the entire product life. Belimo does indeed include everything.

The “small” Belimo devices have a big impact on comfort, energy efficiency, safety, installation and maintenance.

In short: Small devices, big impact.

- 5-year warranty
- On site around the globe
- Complete product range
- Tested quality
- Short delivery times
- Comprehensive support

EN - 10.2024 - Subject to technical modifications

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