

Energy management system of Debeli Rtič hotel complex



The Debeli Rtič Youth Health and Summer Resort is a hotel complex managed by the Slovenian Red Cross. The complex was built in 1956 and remodelled in 2016.



During the energy renovation process of the complex, they ordered an energy use monitoring and management system. The distances between individual meters and the position of the building made wired communication unsuitable. We used the wireless ComBox.L communication devices to set up communication with the energy management system.

Expanding the existing LoRaWAN network enabled us to cover the entire area of the hotel complex and set up communication devices in all the less accessible places, thus establishing LoRaWAN communication.



We installed 33 ComBox certified LoRaWAN devices, 14 of which are for gas metering, 10 are volume correctors, 5 are temperature sensors, and 1 analogue input device.



The network planning and installation was carried out by field experts.

