

# KOLPING HOTEL\*\*\*

At the energy forefront of the  
European accommodation industry

## Kolping



Braşov, Romania



*"Sustainability is one of our main objectives, a reason for which we committed to become a neZEH. Our goal is to protect the environment and the local resources. Next, we must invest in our future!"*

Elena CIURILĂ, Manager

## KOLPING HOTEL\*\*\*

Kolping Hotel lies at the foothills of the Tâmpa mountain, surrounded by the green nature. Located at 800 metres from the Black Church, it is the ideal place for business meetings, workshops, conferences and leisure.

The hotel has 43 rooms and 4 conference halls, a restaurant, a café, a parking area, 4 terraces and many green spaces.

Our location provides the perfect setting for training sessions and conferences, many companies choosing us to organize these events.



**A nearly Zero-Energy Hotel (neZEH)** is a hotel that has a very high energy performance. The nearly zero or very low amount of energy required should be covered to a very significant extent by energy from renewable sources, including energy from renewable sources produced on-site or nearby.



## ...a hotel engaged to becoming neZEH

Given our location near the natural reservation of Tâmpa, we chose to bring the green inside our hotel.

With the expansion of the hotel, we conducted a biodiversity study of the area and as a result, we decided upon those solutions that won't harm the flora and fauna of the natural reservation. The commitment to become neZEH is part of a broader Kolping approach, dedicated to the concern for the environment and it involves a lot more actions, in addition to those proposed by the audit report, such as: recycling the paper and the used oils, as well as the electronic devices.

## HELP US SAVE ENERGY...

We use taps with two power stages, to avoid excessive water consumption.

On the common hallways, we use presence detecting sensors.

We have electricity disconnecting systems, for the rooms' vacancy period.

We reduced to the minimum the air-conditioning systems, due to the hotel's optimal location.

We even use ecological hotel cosmetics.



# TOWARDS NEARLY ZERO ENERGY

To become a neZEH, the Kolping Hotel is engaged in a long term process, involving several actions:

- **RES Electricity:** PV panels (8,4% savings)
- **RES Heating:** Extend renewable sources -solar collectors (11,6% savings)
- **Efficient lighting:** Change existing lighting to LED technology (1,3% savings)
- **Improve envelope isolation** (19,5% savings)
- **HVAC:** Replace existing pumps with VSD models (0,9% savings)
- **BMS:** Implement and actively used a Building Management System (18,5% savings)



## BENEFITS FOR OUR GUESTS

- Kolping Romania Association has organized work camp sites and voluntary actions to help protecting the environment. These campaigns made us understand the importance of preventing climate changes and saving resources, to ensure a safe future for our guests and for the next generations.
- Being a Pilot Hotel in the neZEH Project, Kolping goes through an extension and renovation process, in order to become a low energy building and environmental friendly.
- We focus on identifying collaborators who share our vision and care for the environment. This is why we contracted a professional eco laundry service for our hotel.

## BENEFITS FOR THE ENVIRONMENT

Our hotel saves energy, natural resources and battles climate change!



241 MWh of energy saved per year



57 tCO<sub>2</sub> e/year of Greenhouse Gas emissions avoided



58,9 MWh of energy from renewable sources produced per year

# Kolping

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Through the European Initiative nearly Zero Energy Hotels (neZEH) our hotel gained access to technical expertise and received energy audits recommending technical solutions, feasibility study for decision making, advice on funding, training for staff and marketing tools, towards becoming a neZEH.

[www.nezeh.eu](http://www.nezeh.eu)



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