

CUBIX HOTEL ****

At the energy forefront of the
European accommodation industry



Braşov, Romania



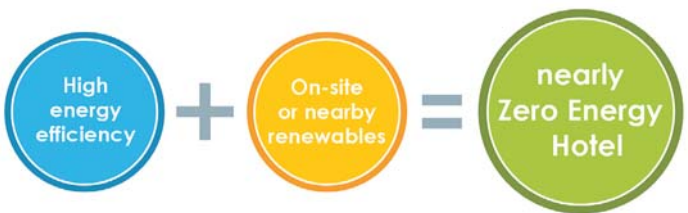
"We believe the rational use of resources, especially energy, within our hotel represents a bet we have to win for the environment, and not against it."

Dan CHIVU, Hotel Owner

CUBIX HOTEL****

Cubix is a 4* modern hotel, built from the ground and opened in April, 2008. It has 57 rooms, a restaurant, conference halls and the best location, being positioned within the business and commerce area of Braşov, the city designated in 2011 "the Green Capital of Romania".

The stylish Cubix Hotel offers comfortable and spacious accommodation at 100 m from the Business Park. It is situated at 3 km from the city centre on the national road DN1.



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

The decisions we make, follow us throughout our entire life. The essential moments require bold and correct decisions. Beyond the economic reasons, exclusively linked to our business optimization, we decided that choosing the "green path" is the only responsible option. A business cannot survive in a hostile, unfriendly environment. Given these facts we understood that, no matter the costs, we have the duty to plan and implement our business in a healthy environment. This is why we decided to choose green against grey. In order for the future generations to be able to enjoy fresh air and clear skies, we need to make responsible decisions today.

HELP US SAVE ENERGY...

We have disconnecting systems for the electricity supply during the rooms vacancy. The heat/air conditioning automatically disables when the windows are opened.

We use presence detecting sensors for the lighting of shared spaces.

All the room minibars were removed, in favour of the room service.

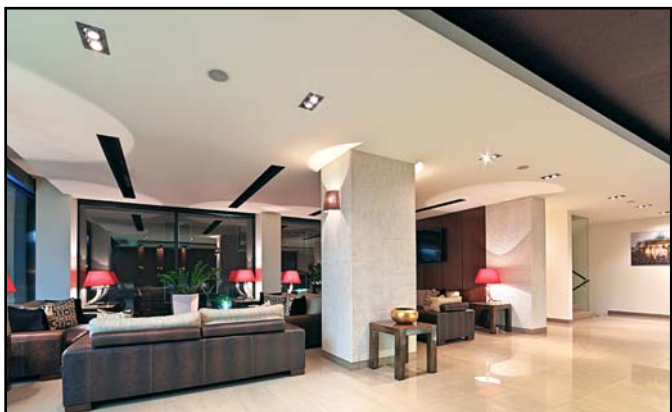
The towels are changed only upon request.



TOWARDS NEARLY ZERO ENERGY

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

- **RES Electricity:** PV panels (12% savings)
- **RES Heating:** Solar collectors (17,6% savings)
- **Heating:** Envelope improvements and stop air leaks (35% savings)
- **Efficient lighting:**
 - Change inefficient lighting to LED technology (3,7% savings)
 - Smart sensors on lighting circuits (0,1% savings)
- **HVAC:** Fan coils (4,5% savings)
- Install and actively use **BMS** (2,6% savings).



BENEFITS FOR OUR GUESTS

- Our guests can support our work by contributing themselves to protecting the environment.
- We invest in securing a safely environment friendly setting and our guests can enjoy its benefits during their accommodation.
- Earning the respect of our guests is essential for us, thus we work hard for providing comfort at the highest levels, but in a sustainable way.
- We like what we do and caring for sustainability makes us content. Our positive attitude will definitely be "contagious" for our guests.

BENEFITS FOR THE ENVIRONMENT

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



830 MWh of energy saved per year



208 tCO₂e/year of Greenhouse Gas emissions avoided



209 MWh of energy from renewable sources produced per year



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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



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