



HOTEL ROYAL TERME DI VALDIERI

Valdieri (CN), Italy



"We are proud to have been selected as pilot project in neZEH also because finally our efforts made so far have been appreciated and we feel supported and guided in the path towards the nearly zero energy hotel target".

Daniela Bonetto, owner

**On the road to
becoming a
nearly Zero Energy Hotel...**

...less energy consumption

...less CO₂ emissions

...better comfort for guests

THE HOTEL ROYAL TERME DI VALDIERI...

The *Hotel Royal Terme di Valdieri* is located in a quiet mountain area, in the middle of the Maritime Alps Nature Park.

The 100 rooms, in a classic style, are suitable



for those who want a relaxing holiday, also enjoying the treatments of the adjacent thermal spa. A place where taking care of yourself.

...a hotel that cares for the environment

Before joining the neZEH project, the owners have shown great interest in sustainability and environmental protection.

The Hotel, indeed, learned how to take advantages from the local resources by exploiting the thermal water (renewable energy source) for heating and hot water production.



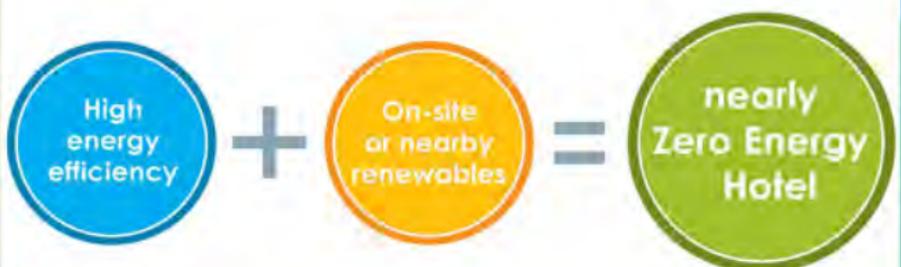


...a hotel engaged to becoming neZEH

In 2015 the *Hotel Royal Terme di Valdieri* committed to become highly performant in terms of energy consumption by joining the neZEH project. It has benefited from support to analyse its current energy status and to identify the improvements to reduce its energy consumption. The *Hotel Royal Terme di Valdieri* aims to further limit its environmental impact and to improve comfort for guests.

WHAT IS A NEARLY ZERO ENERGY HOTEL ?

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.



Actions foreseen towards nearly Zero Energy

Reaching the nZEB status is an ambitious target for existing hotels and requires significant investments and time; however by exploiting the opportunities provided from the context, the goal is feasible. Currently most of the energy consumption of the *Hotel Royal Terme di Valdieri* is covered by renewable sources but the building could further reduce its consumption implementing the following actions:

- replace light bulbs by LED;
- install presence detectors in public areas;
- install thermostatic valves;
- replace traditional circulation pool pumps with variable-speed ones.

Expected results

Reaching the neZEH status will represent:

- about **50%** of energy savings
- **42%** of CO₂ yearly emissions saved



Reasons for going nearly Zero Energy

Tourism & climate

The tourism sector is a significant contributor to worldwide **greenhouse gas emissions** (transport, energy and resource consumption in hotels, etc.), but is also strongly impacted by the **effects of climate change** (rising sea levels, extreme weather events, etc.). Nevertheless, the **tourism sector holds many opportunities** to contribute to climate change mitigation and adaptation.

Buildings & energy

Buildings represent about **40% of the energy consumption** worldwide and around **36% of greenhouse gas emissions in Europe**. It is widely recognized that buildings are closely linked to issues of climate change, both in terms of challenges and **opportunities to explore**.

Contributing to the EU objectives

The European Union calls on radical **reduction of greenhouse gas** emissions by 2050 (80%-95% compared to 1990 levels). nearly Zero Energy Buildings (nZEB) are at the forefront of EU policies to achieve 2050 targets. **Nearly Zero Energy Hotels** contribute to **demonstrating the profitability and sustainability** of refurbishments towards the nZEB status.



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The *Hotel Royal Terme di Valdieri* is one of the first **European Hotels engaged to becoming nearly Zero Energy.**



**Learn more about the
neZEH European project:**

www.nezeh.eu

Contact us at info@nezeh.eu



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