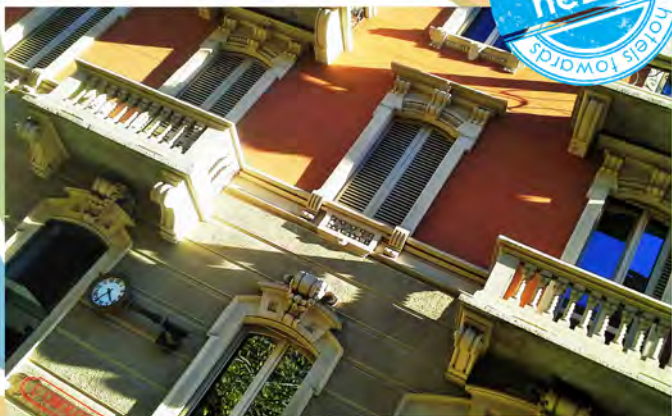




HOTEL RESIDENCE L'OROLOGIO

Turin, Italy



"We decided to undertake this initiative because we believe that the Italian hotel sector has to rise to European standards and look to the future by adopting smart strategies of integrated sustainability".

Stefania Talaia, owner

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

...less energy consumption

...less CO₂ emissions

...better comfort for guests

THE HOTEL RESIDENCE L'OROLOGIO...

The *Hotel Residence L'Orologio* is located in an Art Nouveau building in an elegant central area of Turin, a few minutes from the city centre



and the main museums and monuments. At the Residence you will enjoy the comfort of being in a big hotel with the advantages of staying in an apartment.

...a hotel that cares for the environment

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

"We believe eco-sustainability is a very distinctive parameter for the expanding niche of responsible tourists".





...a hotel engaged to becoming neZEH

In 2015 the *Hotel Residence L'Orologio* 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. Through this commitment, the *Hotel Residence L'Orologio* aims to 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. To become a neZEH the *Hotel Residence L'Orologio* is engaged in a long-term process, involving several actions:

- replace light bulbs by LED;
- replace electric stove with induction cook-tops;
- install water saving devices;
- reduce the stand-by power consumption;
- connect to the district heating network;
- install photovoltaic panels;
- insulate the internal façade;
- replace existing windows by new energy efficient ones.

Expected results

Reaching the neZEH status will represent:

- about **50%** of energy savings
- **30%** of CO₂ yearly emissions saved



Why aim for a nearly Zero Energy Status ?

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 Residence L'Orologio* 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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