

**NEARLY ZERO ENERGY HOTELS,
THE POTENTIAL FOR CHANGE**
neZEH 2016 International Conference



www.nezeh.eu


**Session 1: Becoming Nearly Zero Energy...
Get started!**

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**Accelerating the refurbishment of
existing hotels to achieve “nearly zero
energy” status - Pilot hotels.**



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**Being a nearly Zero Energy Hotel
implies acting in 3 key areas:**



ENERGY
EFFICIENCY
MEASURES

RENEWABLE
ENERGY
SOURCES

BEHAVIOURAL
CHANGE

nZEB= very high
energy performance
+ on-site or nearby
renewables



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**Demonstrating becoming a neZEH - Pilot
hotels**

Inspiration and best practice
16 hotels across 7 countries to act as nearly Zero
energy hotel frontrunners



Hotel Amalorra, Spain



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Sixteen Pilot hotels



Country	Pilot selection
Croatia	1. Hotel Split, 2. Hotel Adriatica (Podstrana)
France	1. Hotel Ajaccio Amiraute 2. Hotel des Gorges du Verdon
Greece	1. Ibiscis Garden Hotel 2. Vasia Hotel & Spa 3. Arkadi Hotel
Italy	1. Residence L'Orologio 2. Grand hotel Royal - Terme di Valdieri
Romania	1. Hotel Cubix 2. Grand hotel Balvanyos 3. Hotel Kolping
Spain	1. Hotel Amalurra 2. Corona del Mar hotel
Sweden	1. St. Clemens Hotel 2. Hotel Stora Brännbo



St Clemens Hotel, Sweden



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Lessons learnt.....



1. Level of neZEH knowledge in hotels very low.
2. Comprehensive & independent energy audits seldom done.
3. Access to qualified technical expertise in neZEH issues
4. Funding sources/incentives (national/International) poor
5. "Find the passion" - strong motivation needed to achieve neZEH status.



Stadhalle Hotel, Vienna



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Conclusions from pilots



- A high quality, independent Energy Audit leading to a logical, measurable and targeted renovation rollout plan are key.
- The challenges: financial incentives and professional expertise.
- Stakeholder engagement and behavioural change essential
- Time is of the essence!



Hotel Balvanyos, Romania



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5 point policy recommendations (draft)



1. nZEB definitions for existing hotel buildings – review numerical values to suit existing buildings and calculation methods to suit hotels
2. Supporting measures – tailored EE support policies & incentives for the accommodation industry to get them started
3. Coordinating support policies/boosting synergies – tourism/energy efficiency of buildings
4. Credible independent technical assistance – on-stop-shop/help desk to guide hoteliers through the renovation process.
5. Awareness raising capacity building and certification schemes



Stadthalle Hotel, Vienna



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