

Energy efficient tourist accommodation

Increasing comfort and reducing energy costs



- Founded as a **non-profit scientific association** in 1977
- Today: **87 employees**
- **Expertise and networking** for politics, administration and business



Strategic core topics

We provide answers for the future of energy

Renewable Energy Sources

Energy Efficiency

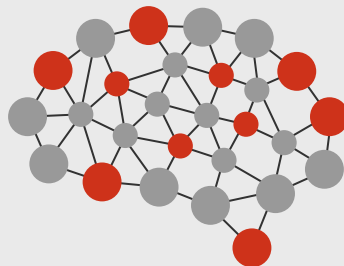
Innovative Technologies

visionzero



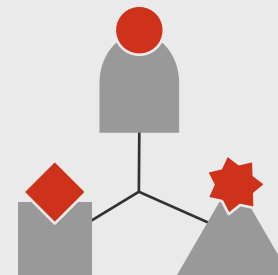
Focusing on the vision of a fossil-free future.

energy intelligence



Focusing on intelligent and efficient energy systems of the future.

transformation



Focusing on the cooperation of all actors for the future of energy.

Investments in energy efficiency increase comfort and reduce energy costs



- International trends¹:
 - Expectations of guests increase regularly (professionalism, quality)
 - Proactive health and wellness
 - Regrounding
 - Sustainability
 - Well-being by enjoying nature
 - 90 % of the guests want an individual room²
- Share of energy costs on the revenue: approx. 5 %
- → Energy efficiency is a powerful tool to benefit on both sides

¹ Source: Kohl & Partner Consulting für Tourismus und Freizeitwirtschaft

² Thomas Cook

There are numerous areas and measures to save energy costs

Building envelope

Appliances

Lighting

Laundry

Cooling

Heating, warm water

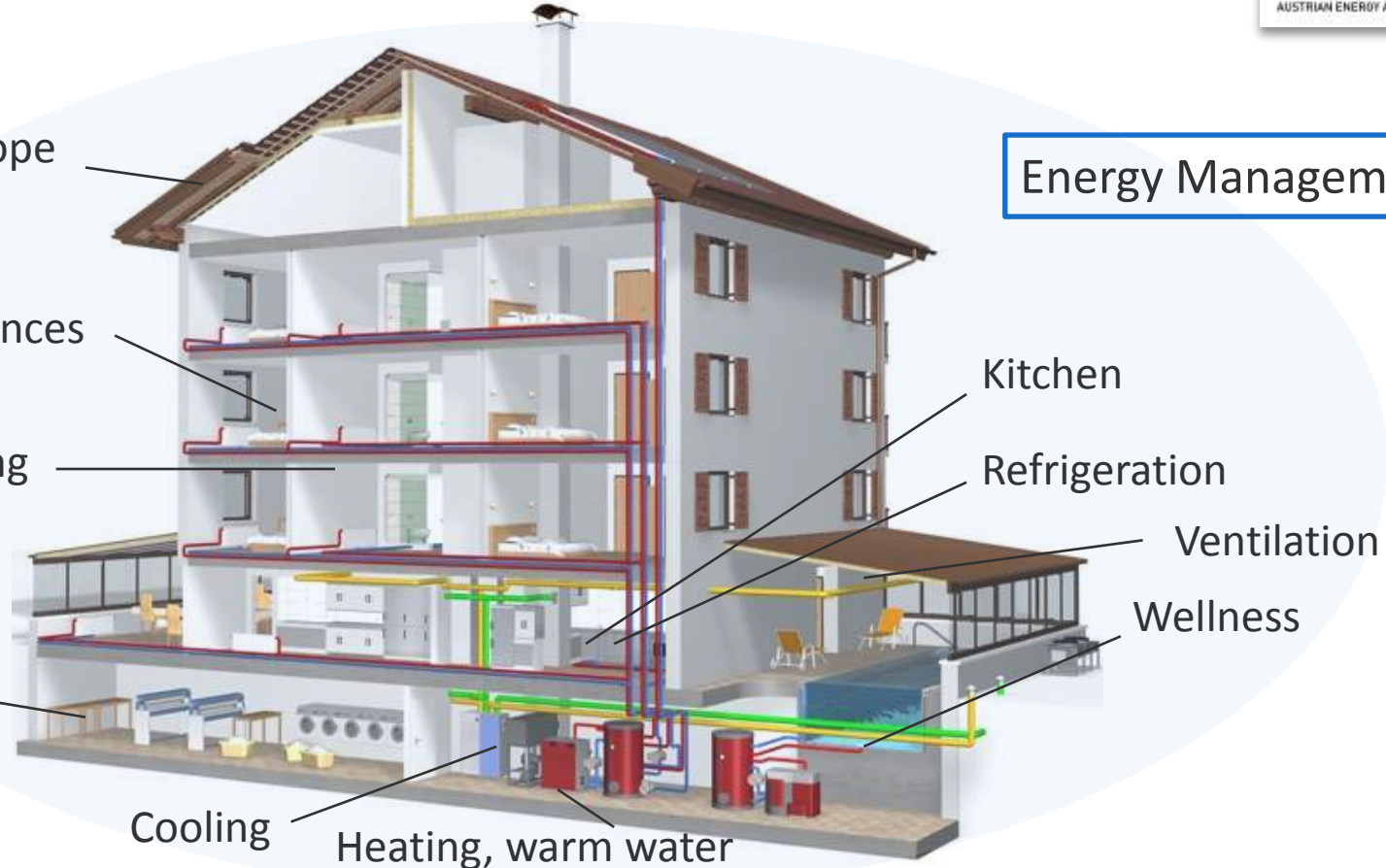
Energy Management

Kitchen

Refrigeration

Ventilation

Wellness



From energy to sustainability

- Motivation of employees and guests
- Food
- Mobility
- Regional cooperation
- Energy supply
- Ecological materials
- Cleansing materials
- ...

Your way to your energy concept – high quality planning saves money



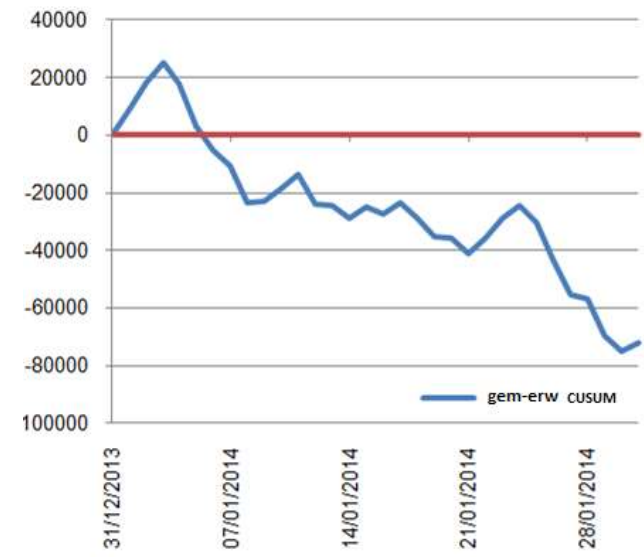
- Finding out the current status
- Analysis
- Check financial possibilities
- Define targets
- Choosing suitable measures, coordinating single measures
 - Immediate measures/ complex measures
 - Focus depending on the age of the plants, building condition
 - Use of available resources
 - Costs, Savings, payback time

Choose a qualified and
experienced planner or
supplier!

The target is to reach the goal as stress-free as possible

- Gather at least three offers per measure/package
- Fix the timetable in the contract
- Define a responsible person/contact in your hotel für every area of measure
- Define interim goals and dates, stage payments
- Reminding immediately in case of delays
- Fix contractual penalties
- Rights and obligations when costs are exceeded
- Insolvency proceedings

Regular monitoring is essential.



Best Practice Examples

BioVitalHotel Sommerau



Quelle: www.biohotel-sommerau.at

- Refurbishment of the building envelope
- Change of the heating system from oil to pellets, solar thermal plant
- Heat recovery from cooling devices
- LEDs, energy saving lamps
- 100 % green electricity
- Water saving valves
- Strict waste separation

Hotel Weisses Kreuz



Quelle: www.weisses-kreuz.at

- Water-softening unit to reduce use of cleaning products
- Cooling systems with heat recovery, environmentally friendly coolant
- New furnace, insulated boiler and pipes, efficient control technology
- Ground water heat
- LED
- Local suppliers, own products
- Non-iron laundry, environmentally friendly shampoo and detergents

Naturhotel Edelweiss – Green Spa



Quelle: www.mein-edelweiss.at

- Indoor swimming pool in passive house standard
- Use of geothermal energy – spa is almost independent from external energy
- The Green Spa uses just 25 % of the energy of a comparable spa

There is always room for
improvement!



Do good and talk about it!



Contact

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Providing answers through expert know-how to questions of the **energy future** – this goal is supported by the Austrian Energy Agency with its **strategic personnel development**.

The Austrian Energy Agency is ÖNORM ISO 50001:2011 and ISO 29990:2010 certified.