



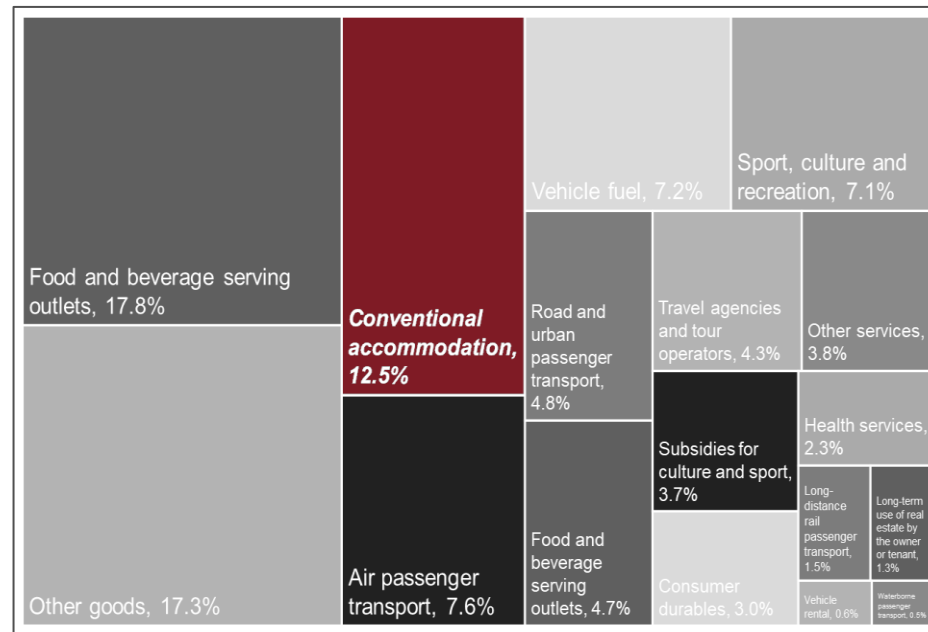
Hotels4Climate – Cyprus Study Visit

Opening event, 2nd November 2020



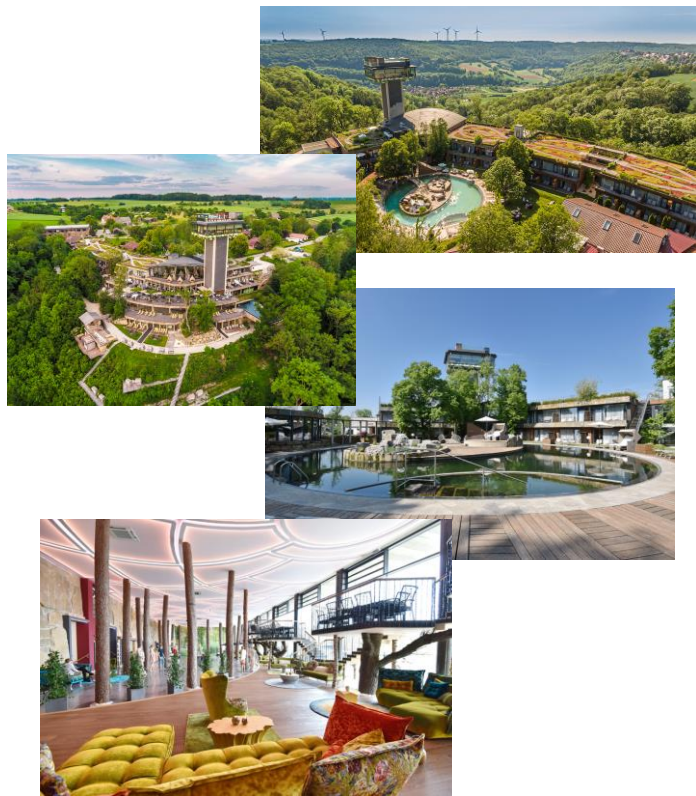
The German hotel industry

- Tourism contributes about **10.7% of GDP** with a **growth rate of 3.5%** in 2019
- **€ 33 billion** in revenue in 2019
- Large proportion of SME hotels
- As many as **90%** of German hotels have implemented some sort of **EE improvement measures**
- SME hotels tend to invest in optimisation measures, while building renovation and other higher investment measures are more common for larger hotels





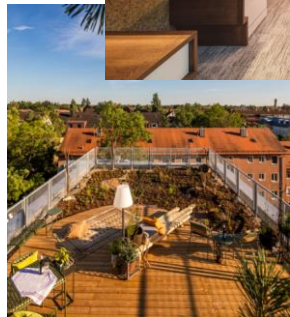
Climate protection - Good practices in the German hotel industry



- Satellite **cogeneration plant (biogas)** with 400kW/eI (electrical) and 480k/th (thermal) directly on site
- Peak loads are covered with a 450 kW **wood chip heating system** during the heating period
- 150 kW **photovoltaic system** on the roof of the reception building
- Rain and well water is treated on site through ultrafiltration, **rainwater used for natural pool**
- Regulated/performance-based heating pumps, regulated local heating network and transfer stations, motion-controlled lighting regulation, demand-driven ventilation technology, EC fans and heat recovery via a rotary heat exchanger



- Voluntary climate protection by reducing CO₂ emissions and balancing unavoidable residual emissions through global climate projects
- **Green meetings:** materials are made of resource-efficient materials of fair-trade origin, catering is regional and seasonal (70% organic and 30% slow food-share), organic coffee capsules from wood for coffee machines
- User-friendly and energy saving technologies such as green-IT and LED lighting
- **Motion detectors**
- New position "**Development of Sustainable Consciousness**" was created at the beginning of 2018
- Ecoboard with monthly changing topics
- **Suppliers pushed to consider more sustainable practices**



- Demolition, renovation, use of resources and recycling were carried out according to the **Cradle-to-Cradle principle**
- **Sustainable hotel room:** all elements of the hotel rooms are either 100% biodegradable or 100% recyclable
- Showers save up to 90% of water and 80% of energy
- Zero waste breakfast buffet
- Co-founder and member of **Klimahotels**, which is an association of hotels with the objective to act as sustainably as possible
- Existing building has been modernised to make it energy efficient and to create new green areas for guests



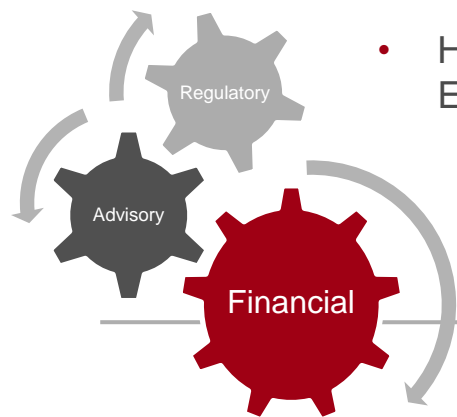
Overview of existing initiatives to support hotels in GHG emission reductions

- **Legislative support** at the national level promotes GHG emission reductions through various strategies and regulations
- National Programme for Sustainable Consumption **encourages hotels with green certifications to be highlighted on booking platforms**
- NAPEE outlines need for awareness raising activities of **DEHOGA's Energy and Climate Protection Campaign**
- Market Incentive Programme (MAP) grants **funds for EE and RE projects** that provide heating or cooling
 - BAFA provides SMEs with 80% of **audit costs**

- Hotels recording consumption data can receive funds from the BMWi through the Energy Savings Metre Programme

- Loans and grant are available through the KfW, Deutsche Bank and Triodos

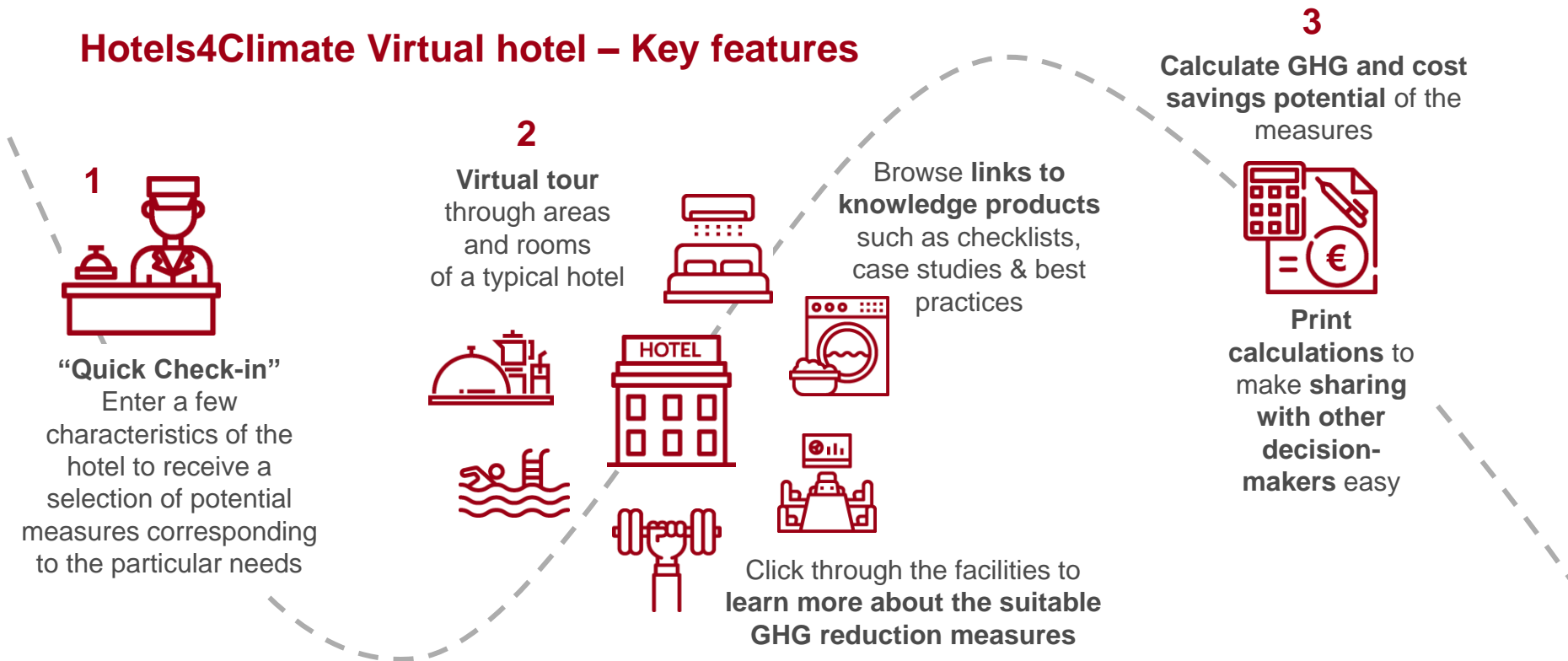
- **KfW Energy Efficiency Refurbishment Programme obtained additional funding for 2021-2022**





Hotels4Climate online information hub

Hotels4Climate Virtual hotel – Key features



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