

(digital) AHK Conference
„Energy efficiency and renewable energies for the hotel business“
Thessaloniki, 23th of June 2020

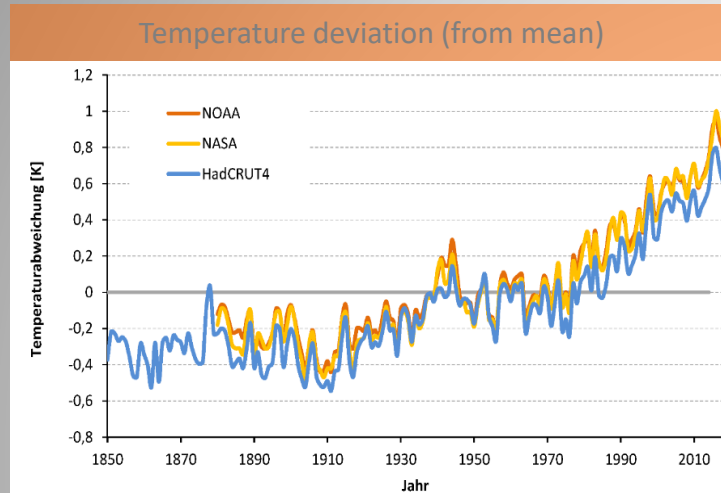
EcoSyst GmbH, Jörg Viertel

**„Energy efficient and sustainable room conditioning
– with EcoSyst.“**



Just feel good!

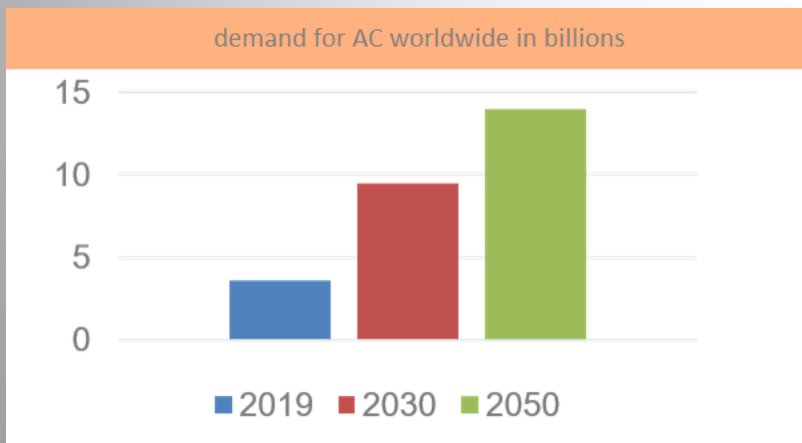
Market trends for air conditioning



Long term temperature rising

- Rising average temperatures worldwide
- DNV GL Group expect a 2,4 degree rising of the global average temperature by the end of the century
- Life conditions for mankind will fundamentally change

Demand for air conditioning will significantly rise worldwide



- the rising of temperatures cause an increasing demand for cooling
- currently the estimated global demand for AC is 3,6 billion, expected to increase to 14 billion by 2050
- problem: also the energy demand for cooling will increase significantly!

EcoSyst – the product

EcoSyst climate elements are the basis for a highly efficient system of energy distribution and release. The system provides an optimal dew point management. The climate elements are installed on the ceiling. Through the capillary tubes runs water, temperature-managed by a heat pump. The panels absorb possibly occurring condensation water.



Looking for customers

EcoSyst is applicable for refurbishment and new build developments. We are looking for **property owners** who are interested in an EcoSyst installation for a small reference object, for which we will deliver our climate elements for free.

Interesting long-term partnerships could also be established with **architects and project planners** within the field of Green Buildings.



Looking for partners

EcoSyst GmbH aims to acquire system partners:

- manufacturers and merchants of building materials
- machine building companies
- project planners/ installers of air conditioning and building automation.

The concept is to enable partners to manufacture the EcoSyst Climate Elements locally by providing the EcoSyst Systems Engineering.



EcoSyst – reference object... ...in the making at SLG Ingenieurtechnik GmbH



EcoSyst GmbH, AHK Conference
Thessaloniki, 23.06.2020

EcoSyst – Advantages at a Glance

1. Applicable for refurbishment and new buildings
2. Heating & cooling with one system
3. No dew point-surface condensation, no mildew
4. Benefits from a good indoor climate
5. Reduced reverberation effect
6. Low-maintenance and durable / user friendly
7. Considerable reduction in energy usage, substantial cost savings
8. CO₂-emissions close to zero
9. Decentralized fabrication, using semi-automatic systems engineering
10. Recyclable, sustainable & climate friendly.

EcoSyst – think global, act local!



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