1989 – Company founded by Prof. Dr. Hans Reiner Böhm and three associates in the field of environmental and spatial planning

1990 – Expansion of the staff to an interdisciplinary team

1999 – Establishment of a branch office in Potsdam

2004 – Expansion of the partnership

2010 – International long-term projects with temporary offices in Yemen and Morocco

2018 – Establishment of a branch in Tirana / Albania

2019 – 30-year anniversary. Over 30 employees in different locations, four partners.

Hans-Jürgen Gräff, Partner

Karin Weber, Co - Head of Department
Our project: KEEN

- Identify potential economic savings through advice, focusing on low-/non-investment measures
- Development of monitoring, analysis and optimisation capacities within the municipalities
- Initiate a long-term, intercommunal exchange of learnings
Year 1 of the Municipal Energy Efficiency Network

1st year

- Energetic inventory
- Energy audits and catalogue of measures
- Development of energy management (step 1)
  - Implementation of measures for process optimisation
- Online exchange platform
- Start of trainings
Year 2 of the Municipal Energy Efficiency Network

2nd year

- Implementation of measures
- Development of energy management (Step 2)
  - Guidelines
- Monitoring
Year 3 of the Municipal Energy Efficiency Network

3rd year

- Roll-out and consolidation of the network
- Continued implementation of measures
- Development of energy management (Step 3)
  - Implementation of the guidelines
  - Continuation training (network representatives and users)
- Communication activities
Role of the network management

In summary, support is provided by

• active network management incl. moderation and
• energy / technology consultations

ensuring

• the implementation of well-coordinated measures,
• the support for the acquisition of subsidies (government aids) and the planning & implementation of measures
• reciprocal learning,
• the identification of potential joint implementation
Leveraging synergies via network management

Thanks to the network management and the energy consultations, it was found that:

- In three municipalities, the same type of gym was built (construction/infrastructure)
- The three gyms are at different stages of renovation.
- By exchanging on barriers, opportunities and solutions, the municipalities profit from each other’s experiences.
Role of facility management

- Workshops for users of municipal buildings
  - Learnings from workshops are incorporated to improve processes and planning
  - For example: efficient booking schedule for municipal gyms according to temperature needs (e.g. no yoga after HIIT courses)
The KEEN-Platform

- Online platform with public and private sections
- Forum for intercommunal exchange, planning of network meetings and information dissemination
- Network managers moderate and update the platform with information for government aid, subsidies and other funding programs as well as general information on the project
Conclusion

- Energy savings and GHG reduction measures are needed, but must be implemented within complex municipal regulations. Potential and viable measures vary wildly – each municipality has to analyse their own situation.
- A network:
  - provides assistance by coaching, consultation and capacity-building
  - promotes inter-communal learning
  - allows the exchange with colleagues beyond traditional administrative hierarchies
  - Synergies can be discovered and leveraged (e.g. use of similar renovation strategies)
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