techem

Energy Contracting

the smart financing tool for climate protection

Definition of Energy Contracting

Owners of residential and commercial property assign

- **the planning, installation and financing of an energy system,**
- **the operation and optimisation of a heating facility,**
- **the delivery of heat and cooling energy as well as of electricity from combined heat and power generation plants**

to a service company.

Energy Contracting – The Intelligent Instrument

- **State-of-the art system technology and plant engineering for property owners without any investment on their part.**
- **Clear cost control: no unforeseen expenditure and cost risks for repair, attendance or operational management.**
- **Plant and system operation in professional hands: optimal operational safety and security of supply.**
- **Efficient technology saves energy and money.**

Private capital in combination with professional operational management ensures quick energy saving effects and cuts costs for years.

Example: Achenbach Hospital

- **Applied technology: modernised boiler plant, block-unit heating power plant, heat pump with optimised use of the calorific value effect.**
- **Amount of investment expenditure outsourced to Techem: EUR 345,000.**
- **Achieved savings: reduction of heat costs by around 20 percent and cutback of CO_2 emissions by 245 tons a year.**

Energy Contracting is Climate Protection

- **Energy contracting is a also suitable instrument for existing buildings.**
- **The backlog on investment for efficiency-enhancing measures is diminished.**
- **Low investment (plant and system optimisation) already produces high energy-saving achievements.**
- **State-of-the-art technology in combination with professional operational management guarantees energy-saving effects.**

Asserting Energy Efficiency

Energy Contracting is a long-term business model.

Legal security and reliability are essential requirements.

Climate protection can be furthered and promoted.

Examples from Germany:

- **through (legally safe) cost allocation of commercial heat supply in the residential housing market.**
- **through tax relief on verifiable energy-saving achievements.**
- **through equal legal treatment of the operation of combined heat and power generation plants by a professional service provider with the operation of such plants by the owner.**