

IoT – connecting the world

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The networking of all things – **the Internet of Things (IoT)** – will shape the future of our society. Data is collected (e.g., via LoraWAN) and analysed using big data real-time analytics platforms.

- **LoraWAN** – an inexpensive way of transmitting small amounts of data to a data centre – is cost-effective for small systems such as underfloor cooling solutions
- **IoT** – platforms for cost-effective operation of small systems as the basis for various services

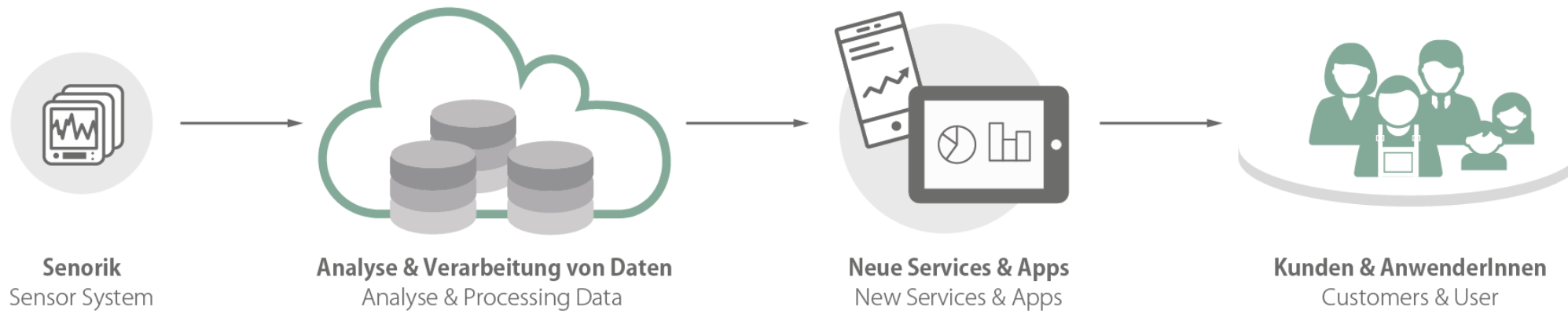
**Siemens, Wiener Netze,
Wien Energie**

Budget: 0.23 million Euro

Testbeds: PV system
Rosiwalgasse, underfloor
cooling D12

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The benefits:

- LoRaWAN allows the transmission of simple, non-time-critical control commands
- Cost-effective connection, retrofitting possible