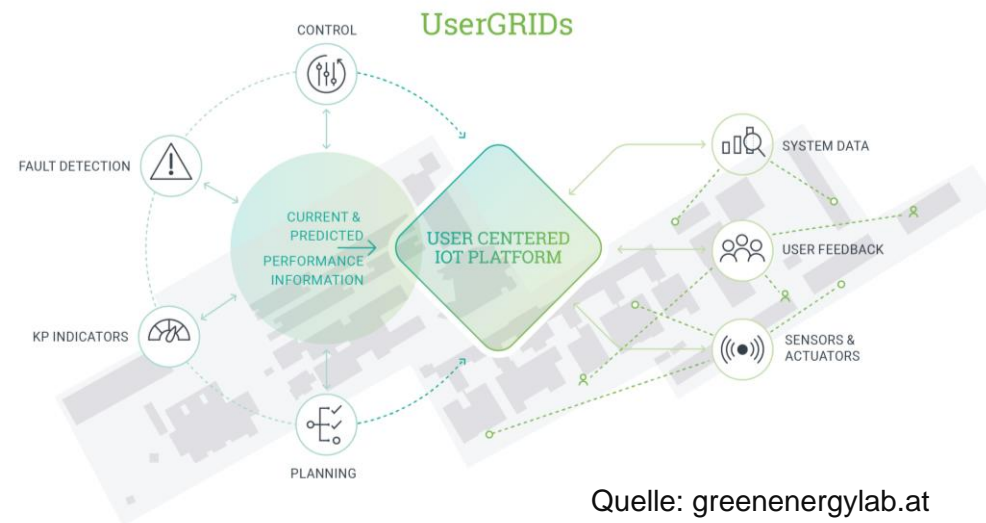


User-centred planning and control of complex sustainable district energy systems

Within the project UserGRIDs the campus Inffeldgasse of the TU Graz is transformed into the “INNOVATION DISTRICT INFFELD. The rectorate of Graz University of Technology aims to make the Inffeldgasse campus CO2 neutral by 2030.

Objectives:

- Development of smart control concepts "Energy Services" at city district level
- Optimization-based energy management system (EMS) approach (MPC)
- Optimisation of comfort, efficiency and emissions
- Scenario analysis for the year 2040
- Demonstration at the Inffeldgasse Campus



Project partners: BEST – Bioenergy and Sustainable Technologies, Bundesimmobilien-gesellschaft m.b.H., EAM-Systems GmbH, Energie Steiermark AG, EQUA Solutions AG