



SANBA – SMART ANERGY QUARTER BADEN

“Low-temperature heating and cooling grids (anergy grids) open new possibilities for decentralized energy supply at district level. They increase flexibility and promote the integration of local, renewable energy sources. Low-temperature networks are dynamic networks, thus enabling buildings to participate actively in the network as producers and consumers.”

EDITH HASLINGER, Project Manager SANBA,
AIT Austrian Institute of Technology GmbH

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Development of a multi-level and interdisciplinary simulation algorithm for a low-temperature heating and cooling grid for the future Smart Anergy Quarter Baden. The aim of the SANBA project is to develop a so-called anergy or low-temperature heating and cooling grid for the abandoned military camp «Martinek-Kaserne» in Baden with the use of industrial low-temperature waste heat from the neighbouring NÖM dairy plant as well as locally available renewable heat sources, such as geothermal energy. The project results will show, whether the concept of an anergy grid is technically and economically feasible and whether it should be pursued further.

KEY FACTS

Duration: 09/18 – 06/21

Project volume: € 749,409

MAIN GOALS

Concept development of an anergy grid for a former military camp in Baden with excess industrial heat from the neighbouring NÖM-dairy plant.

Provision of essential scientific, technical and socio-economic know-how for the efficient planning and design of local anergy grids.

Development of a simulation tool allowing for the flexible planning of local anergy grids.

