

- PILOT PROJECT -

**NEW BUILDING FOR THE ROAD MAINTENANCE DEPARTMENT
 NEUMARKT**

Project partners

- State Building Surveyor's Office (client)
- ZREU GmbH, Regensburg (energy concept, technical building equipment)
- Architect's office Berschneider-Knychalla (architecture, site supervision)

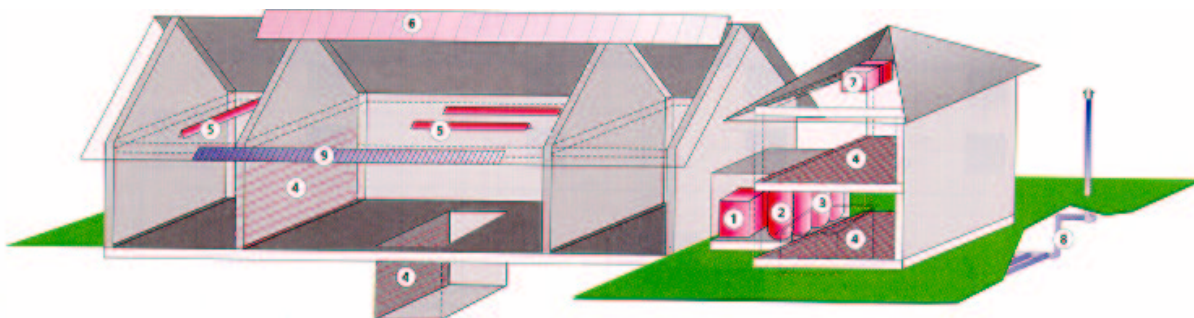
The objectives

- DEVELOPMENT OF A SUSTAINABLE ENERGY SUPPLY CONCEPT
- INTEGRATION OF ARCHITECTURE AND TECHNICAL BUILDING EQUIPMENT

The criteria

- ENERGY EFFICIENCY AND RATIONAL USE OF ENERGY
- USE OF RENEWABLE ENERGIES
- INSTALLATION OF INNOVATIVE TECHNICAL BUILDING EQUIPMENT

The energy concept



- ① Condensing boiler
- ② Service water storage tank
- ③ Solar storage tank
- ④ Floor and wall heating system

- ⑤ Infrared-ceiling radiator (natural gas)
- ⑥ Solar collectors
- ⑦ Controlled housing ventilation, heat recovery
- ⑧ Earth collector
- ⑨ Photovoltaic modules

Project details

Construction period: 03/1998 until spring 1999

Project costs: 5,25 Mio. Euro

Supported by the Bavarian Ministry for Economical Affairs, Technology and Transport