What we offer

- Development of specialized measurement devices
- Technology development and evaluation
- Utilization of laboratory and pilot plants
- Set-up of demonstration plants
- Simulation of complex flow processes
- Process and plant modeling
- Training in advanced measurement technology
- Development of (funded) cooperation projects
- Partner network in wastewater sector

Contact

CLEWATEC
Competence Center for Clean Water Technology
@ Helmholtz-Zentrum Dresden-Rossendorf
Bautzner Landstraße 400
Building 770
01328 Dresden
info@clewatec.de
www.clewatec.de

Scientific expertise for innovative wastewater technologies
_About CLEWATEC?

The Helmholtz Innovation Lab CLEWATEC explores and develops new technological approaches for a flexible and efficient wastewater treatment.

- Technology development
- System analysis and optimization
- Knowledge transfer
- Networking & project initiation
- IP exploration and commercialization

CLEWATEC has an extensive and growing network of renowned research and industry partners.

_Our network

- Contact to more than 30 institutions, including universities, research institutes, service providers and operators of municipal and industrial wastewater treatment plants
- Part of the Helmholtz Association, the largest research community in Germany
- Access to the expertise and infrastructure of Helmholtz-Zentrum Dresden-Rossendorf

_Our research topics

- **ENERGY EFFICIENCY**
  - Highly efficient gas injection systems with optimal control
- **FLEXIBILIZATION**
  - Advanced control concepts for a flexible process operation
- **DIGITALIZATION**
  - Demand side management for coupling with green energy sources
- **RESOURCE RECOVERY**
  - Wastewater as a resource for clean water, energy and nutrients