



## ***Course on Waste Water Treatment and Control***



### ***Rostock (Germany)***

- Duration:** 4 weeks
- Costs:** on request
- Including:** study material, services covering all aspects of the training, supply of internet and technical literature, organization of the transport between airport Berlin/Hamburg and Rostock
- Not including:** board and lodging, insurance and flight

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**Module A: Introduction**

- Overview of the organization of waste water management in Germany and Europe
- Sewage legislation (European law, German law, special laws and stipulations)
- Municipal and industrial waste water purification

**Module B: Basics of waste water engineering and treatment**

- Introduction to the technical language
- Types, volumes and characteristics of waste water
- Modern methods of the treatment of waste water - mechanical, chemical and biological, physical procedures, special procedures for municipal and industrial waste water

**Module C: Operation of waste water plants**

- Operation and maintenance of waste water plants and drainage systems
- Procedures of sludge treatment and disposal

**Module D: Planning of waste water plants - project management**

- Planning and financing of projects, international standards of the advertisement of the construction of waste water plants; supervision of construction
- Dimension of plants and drainage systems
- Environmental protection in connection with waste water treatment - environmental laws, instructions of municipal and industrial waste water induction; Environmental Impact Assessment (EIA)

**Module E: Decentralized waste water plants**

- Alternative and appropriate technologies, low-cost technologies, plant-growth purification stations

**Module F: Control and Analysis of waste water**

- Sampling
- Modern analyzing procedures and analytical instruments
- Quality control / quality assurance
- On-line-measurements