



Course on Solid Waste Management and Treatment



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 solid waste management in Germany and Europe
- Solid Waste legislation (European law, German law, special laws and stipulations)
- Municipal and industrial solid waste
- Financing models of solid waste

Module B: Basics of Solid Waste Management and Treatment

- Introduction to the technical language
- Types and characteristics of solid waste
- Solid waste collection and transport systems
- Solid waste sorting/preparation and utilization methods
- Biological treatment (composting and fermentation)
- Recycling of recyclable materials
- Thermal utilization and incineration
- Landfill

Module C: Planning and Construction of Collecting and Transport Systems, Treatment Plants and Landfills

- Examples of collecting and transport system planning
- Examples of sorting and treatment plant planning
- Landfill planning

Module D: Operation of Solid Waste Systems

- Organization of operation systems
- Personnel education
- Maintenance of treatment plants
- Examples of collecting and transport, sorting plant, composting plant, recycling plant, landfill and incineration plant operation

Module E: Analysis of Solid Waste Samples

- Sampling, modern analyzing procedures and analytical instruments, quality control and quality assurance, assessment