

TVET in the Water Sector

Course 5: Transfer-oriented Training of Trainers - Outline basic training for operating technicians of wastewater treatment plants and sewer networks

The course contains the design of a basic training for staff working in the technical operation of treatment plants.

Participants will work in small groups and determine the technical focus of their respective basic trainings themselves, e.g.

- Operation & maintenance of sewers & lifting stations
- Sludge treatment at wastewater treatment plants
- Operation of reuse systems

- **This course is designed for groups. Content, elements, format and duration can be customised to the respective needs**

Learning outcomes

On completion of the training, participants

- repeat and apply details in curriculum development, formulation of learning and training objectives, interpretation of occupational standards
- compare between different successful international experiences in technical training on wastewater
- select and create learning content
- operate the development of corresponding testing structure and remember certification models
- count on self-created key elements for a technical basic training of their choice, including complete training activities ready for application

Contents

- Occupational Standards and methods for training needs analysis
- Formulation of learning objectives and testing criteria
- Stepwise curriculum development,
- Training concepts and specific materials in different countries
- Stepwise lesson planning with training materials and methods.
- Formal processes for the sustainable establishment of a new training in the water sector
- Didactical challenges in technical basic trainings and handling of critical group situations

Formats

- Face to face, virtual transfer phase
- Highly interactive workshop (ToT)
- Use of Learning Management System (Moodle based)

The practical approach includes at least 50 % group and project work.

Language

- English
- German
- Upon request: other languages with interpreters

Target groups

- TVET teachers
- TVET experts
- In-company trainers
- and technicians/ experts from the water sector, responsible for the design and implementation of training courses

Participation requirements

- First experience in structured curricula development as covered in course 2: Subject didactics for the water sector
- At least 3 years of professional experience

Duration

- 120 hrs in 3 weeks (recommended in 3 modules)
- Additional 20 hrs implementation of a transfer project after workshop (module 4)

Equipment

- Notebook

Certificate

The participants will receive a certificate of participation after successful completion of the course.

Your contact

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