

## Wastewater Treatment and Sewerage Networks

**Training code:** 0613

**Learning mode:** Facilitated

**Training delivery mode:** Blended

**Duration:** 4 weeks preliminary eLearning, 5 days F2F, 2 months post course assignment

**Unit in charge:** ICRC Water and Habitat department

**Functional competencies:** Water & Sanitation

**Training type:**

Specialized course

**Languages available:**

English

### Course description

The course aims to provide the required skills to carry out a diagnosis of sanitation systems and wastewater treatment facilities and appraise rehabilitation options.

### What you will learn?

During the training you will learn:

- Identify the key stages of wastewater treatment and biological processes.
- Understand the basics of conception, sizing, operation and maintenance wastewater systems.
- Test and optimize wastewater treatment processes.
- Recognize the constituting parts of wastewater system and carry out rehabilitation works.
- Design a survey system design and rehabilitation purposes.

### What changes can you expect after this course?

*Critical work behaviors expected from participants after the completion of the course.*

- Include key stages of wastewater treatment in their work processes.

*Team's expected results*

- Improve the work processes by understanding the basics of conception, sizing, operation and maintenance wastewater systems.
- Improve the teams' knowledge and skills on wastewater treatment

*Organization's expected results*

- Program quality improvement from increase knowledge and skill in sewerage networks and wastewater treatment.

### Who should attend?

The course is designed for experienced engineers and project managers engaged in the rehabilitation of small to medium wastewater treatment facilities.

### **How to fully benefit from this course?**

The training requires full commitment. We strongly encourage attending all sessions and completing assignments on time to maximize learning and apply new skills effectively.

The line manager's support is crucial. Ensure they will allow time for assignments and provide feedback or arrange for a tutor to do so. This include discuss the training content and expected outcomes, ensure your availability for sessions and study time, and provide feedback on participant work.

### **Where will it take place?**

The training will take place in Toulouse (France), in partnership with INSA.

### **Training cost?**

The total course cost will be 2650 EUR (1750 course fees + 900 hotel).

Course fees include venue, facilitation, lunch, and snacks during the days of the course.

You have the option of having the ICRC organize your accommodation or arranging it yourself. If you organize it yourself, you will only pay the course fees (1750 EUR).

Flight and transport are entirely your/your organization's responsibility in terms of organization and coverage.

### **How to register?**

Please use the registration form link:

<https://forms.office.com/e/zWzDPrGzBy>

### **Contact**

[wathabtraining@icrc.org](mailto:wathabtraining@icrc.org)

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[Wathabtraining@icrc.org](mailto:Wathabtraining@icrc.org)

### **Calendar**

23rd to 27th March 2026 .

