



This project is funded by the European Union  
SWIM - Sustainable Water Integrated Management

## IMPROWARE E-LEARNING PROGRAMME

### Module 2

### Legislative Framework on Water Resources Management

This module will offer a description of the relevant legislative framework at the EU level dealing with Water Resources Management. After a general overview of the EU legislation on water protection and management, the course will focus on Directive 2000/60/EC (the so called Water Framework Directive) and related directives. Considering the connection of groundwater with marine water, the module will also deal with Directive 2008/56/EC (Marine Strategy Framework Directive).

At the end of the course, the participants should:

- ➔ have a comprehensive vision of the EU legislation on Water Resources Management;
- ➔ know in depth the Water Framework Directive and the related governance model;
- ➔ be able to discern best practices in terms of legislative initiatives and implementing strategies.

The module will be so structured as follows:

#### **Lesson 1: Introduction to the European Union Legislative Framework on Water Resources Management**

This first lesson will provide a general overview of the EU relevant legislative framework dealing with water resource management and protection. The lesson will briefly introduce the EU legal system and the EU environmental policy, in order to make non-EU participants familiar with the functioning of the EU legal order and the EU governance on water protection and management. This initial lesson will focus on the evolution of the EU water policy and will introduce participants to the following legislative tools, (which will be analyzed in the rest of our course):

- ➔ the Water Framework Directive;



This project is funded by the European Union  
SWIM - Sustainable Water Integrated Management

- ➔ the Nitrates Directive;
- ➔ the Groundwater Directive.

## **Lesson 2: The Water Framework Directive (Objectives, Definitions, Principles and Obligations)**

The second lesson will start to look in depth to the Water Framework Directive, which provides an umbrella legislation for the larger part of EU water law. The lesson will be articulated as follows:

- ➔ objectives, definitions and principles of the Water Framework Directive;
- ➔ obligations deriving from the Water Framework Directive, with a focus on the reuse and re-injection of treated water.

## **Lesson 3: The Water Framework Directive: (Governance, Institutions and Implementation)**

The third lesson will complete the analysis of the Water Framework Directive by describing:

- ➔ the governance model on water resource management set by the Directive;
- ➔ institutions, management plans and programme of measures;
- ➔ WFD Common Implementation Strategy.

## **Lesson 4: Other relevant EU Legislation and Regional Initiatives on Water Resources Management**

The implementation of the Water Framework Directive is connected to other sectoral directives concerning both river and basins and the protection and management of marine waters. This lesson will introduce and explore in particular:

- ➔ the Nitrates Directive;
- ➔ the Groudwater Directive;
- ➔ the Marine Strategy Framework Directive.



This project is funded by the European Union  
SWIM - Sustainable Water Integrated Management

## Lesson 5: Case study on Applicable Legislation to Reuse and Re-injection of Treated Water

In the final lesson, we will present a case-study on the applicable legislation to reuse and re-injection of treated water. In this case-study, we will simulate a concrete situation of reuse and re-injection of treated water in which the relevant legislation will need to be implemented. Such case-study will be based on the EU legislative framework presented in the previous lessons and should help the participants to figure out examples of good practices in this field.