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eleanor
 www.e-leonor.org

about the project

e-LEARNING and inNOVation in vocational training for water industries

eLEANOR is an initiative dealing with vocational training for professionals of EU water industry and services in private and public sectors.

The project aims at improving the training in the water sector through the optimization and standardization of the learning processes and paths, with particular reference to the implementation of the new water-related EU Directives (Water Framework Directive and its sisters Directive).

In such a context, eLEANOR focuses on the fields that mostly reflect the needs from the Directives above:

- Waste water treatment;
- Water supply;
- Water management.

Training in eLEANOR is also supported by e-learning applications and transfer of Good Practices for water resources management.

During the project tasks, started in October 2010 for a period of 2 years, learning paths are deployed to answer the needs for training in the water sector. Training needs analysis is based upon the experiences of the partners, consisting in the main EU water companies, academies and vocational training centres, also representing the most important eLEANOR target users.

eLEANOR training offer is addressed to the technicians, engineers and managers of the water sector.

The subject of the training is strictly connected to the new EU context where the water industry has to comply with Directives providing a common framework for the stewardship of the environment as well as social considerations. The Directives aim to improve the quality of the environment, protect human health, rationally use natural resources and promote measures at international level to deal with environmental problems. The implementation of the new legal framework, above all the Water Framework Directive (2000/60/EC), is a challenge for the water industry. Nevertheless, the identified shortcomings related to training and skill of personnel can hamper such an implementation. eLEANOR focuses on: (1) waste water treatment, (2) water supply, (3) storm water management, reflecting the main demands of skills by EU Directives above.

eLEANOR has a European dimension, which is given by the geographic extension of the partnership and their participation into networks, groups and platforms in the specific sector. Project outcomes are then proposed by the partners to potential end users through their dissemination channels in order to be validated and fruitfully exploited.

eLEANOR expected impact is at the European scale. The coverage of the project allows an effective and mutual transfer of knowledge and to cross-relate different situations. The products are then able to work in different contexts and support as well the process of training standardization and certified comparison in this field that is one challenge of training at the EU level.

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goals and objectives

Assessment of training needs in the water sector

Validation of training needs by water industries is carried out in the first project phase to help the identification of the eLEANOR training subjects. The assessment of training needs is useful to validate and further investigate existing training needs of water companies considered in the project proposal phase.

Curricula for professionals in the water sector

Currently, there are not specific programmes and initiatives at EU level aimed at standardizing the training for professionals of the water domain both in private and public sectors. eLEANOR intends to fill this lack and pursue these learning objectives in view of facilitating and optimizing the implementation of EU water related Directives all over Europe.

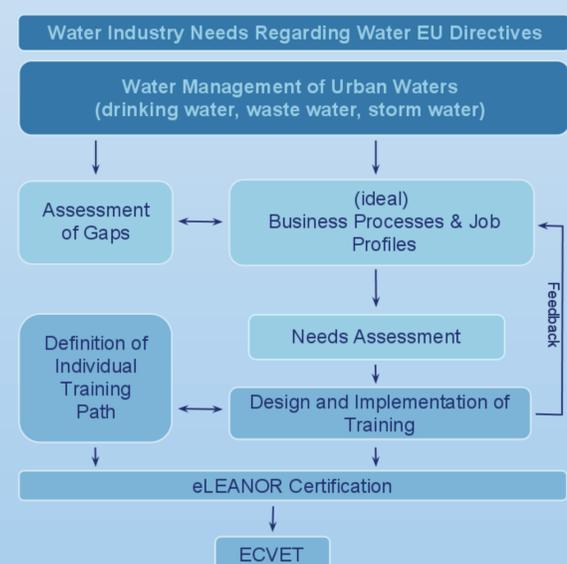
Catalogue of available courses on water management

eLEANOR also aims to catalogue the training courses on water management available at EU level (inside and out the Consortium). The courses are documented through metadata into an on-line catalogue, which allows to optimize and rationalize their exploitation in different contexts and training initiatives.

eLEANOR Training Framework

A Training Framework is developed with the aim to integrate the different components of the eLEANOR training offer. The Training Framework gathers the eLEANOR learning paths, the e-learning tools and the training material into a single on-line framework. The eLEANOR Training Portal is the interface allowing the final user to get information on the training initiative and have access to the learning paths and related courses.

eleanor methodology



project partnership

