

# THE PURE-H2O PROJECT

## Implementation of ECVET for Qualification Design in Drinking Water Treatment Plants & Sanitation for Pure Drinkable Water

(PROJECT NUMBER: 2014-1-TR01-KA202-013113)



### THE MISSION

- The PURE-H2O project's main focus is to develop and launch a strategic partnership in the field of sustainable development of drinking water & treatment plants sector leading to the establishment of a joint trans-European competence based training VET model, establishing an innovative competence standard and qualifications description approach in terms of content and target audience; and adaptation and development of VET courses in accordance to the definition of qualification model and implementation of EQF/ISCO/ESCO principles.
- The project will use innovative, successful and appropriate type of training through e-learning, animation, increased illustrations, reduced text, heightened interactivity during lessons.



### THE CONSORTIUM

- The PURE-H2O transnational partnership as providers of professional education, with different cultural background and experience, eagerly undertakes the PURE-H2O tasks to:
- Produce novel study materials addressing European and transnational efforts in integrating a universal set of qualifications for the water supply sector into the VET study programmes.
  - Implement a valorisation plan for the VET system among target sectors and end users.
  - Design and implement a dissemination program regarding the PURE-H2O's objectives and results amongst the main target groups.
  - Consult the end users and beneficiaries in educational organisations and companies in implementing the PURE-H2O target outcomes to be spread beyond the PURE-H2O consortium both at the national and international level.



### PROJECT PRODUCTS

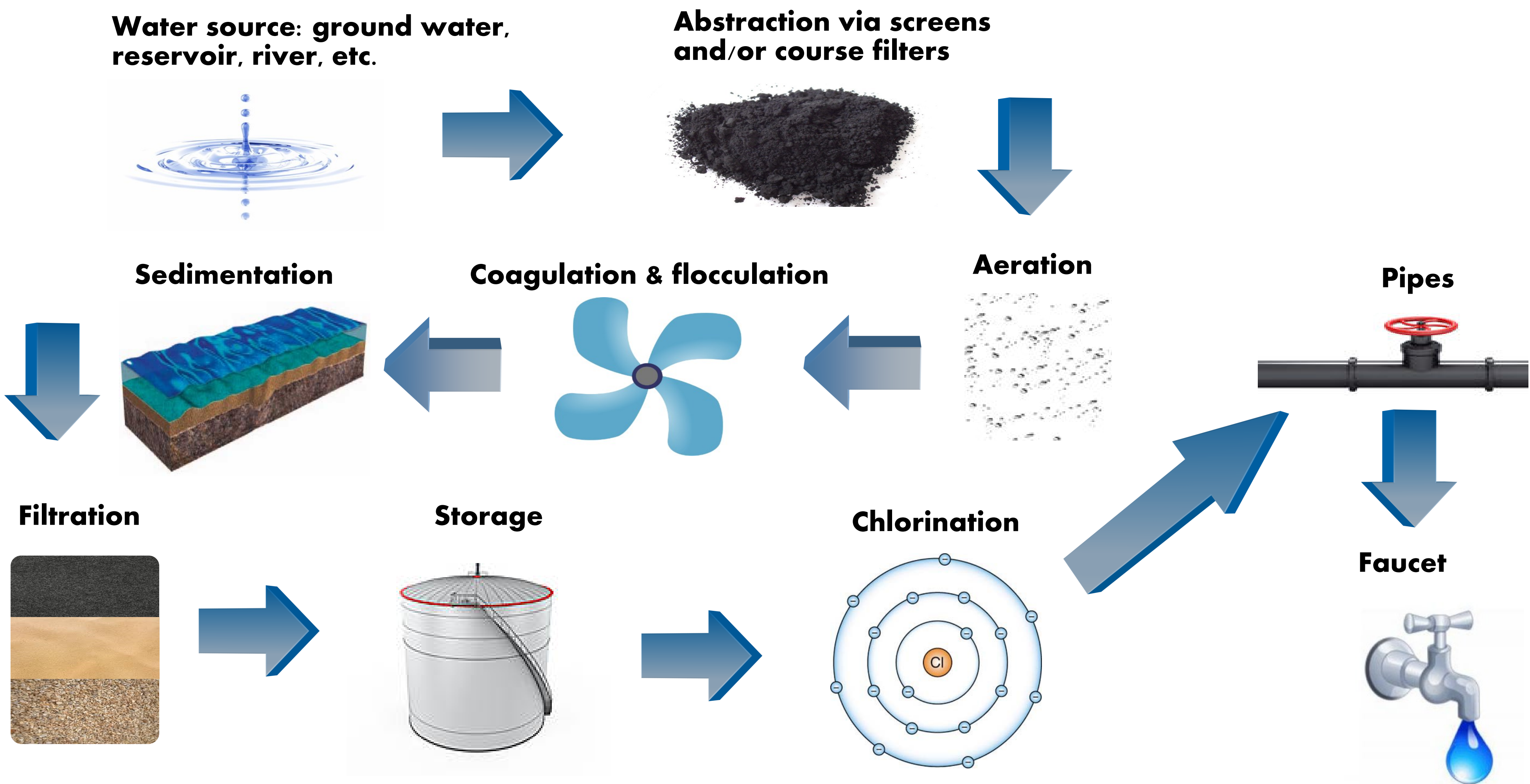
- Analysis of training requirements
- PureH2O e-learning portal
- PURE-H2O learning outcomes-based a blended curriculum
- PURE-H2O Skills Passport
- PURE-H2O analysis report of testing & evaluation
- Supporting publicizing events
- Dissemination & practical use workshops
- Booklet "PURE-H2O Project: Challenges & Limitations"



### PROJECT MANAGEMENT

- PURE-H2O partners draw on their experience in the water supply sector & education to develop the project management plan and evaluation criteria.
- The impact of the PURE-H2O project on target groups and potential end-users will be assessed.
- Internal monitoring procedures developed and conducted by the project steering group.
- The PURE-H2O products will be tested by partners representing potential end-users.
- PURE-H2O management documentation and work-flow will be supervised.
- Quality control and quality management will be regulated.

## The Potable Water Process



### MORE ABOUT THE PURE-H2O PROJECT

The PURE-H2O project intends to rectify the situation:

- supporting the exchange of good practices and promoting green competencies;
- presenting training materials in attractive and practically enriched model;
- gaining new jobs for young people in the potable water supply sector;
- exploring water business sector and its opportunities for young entrepreneurs in the partner countries, which is comprised of Turkey, Belgium & the Netherlands.

### ADDITIONAL ISSUES

- As a result of lack of mutual recognition of qualification, that is often impaired by national restrictions, by applying EUROPASS, EQF and ECVET instruments through the PURE-H2O...
- it should help qualify and quantify what are the issues that seem to be the most in conflict with each other.
  - provide a roadmap through these qualifying instruments that will apply not only to partner countries but EU-wide.
  - the application of these instruments will also assist Turkey in the Adaption of Acquis and carrying out the 9th Development Plan as part of Turkey's accession process.

### THE PURE-H2O BOOK

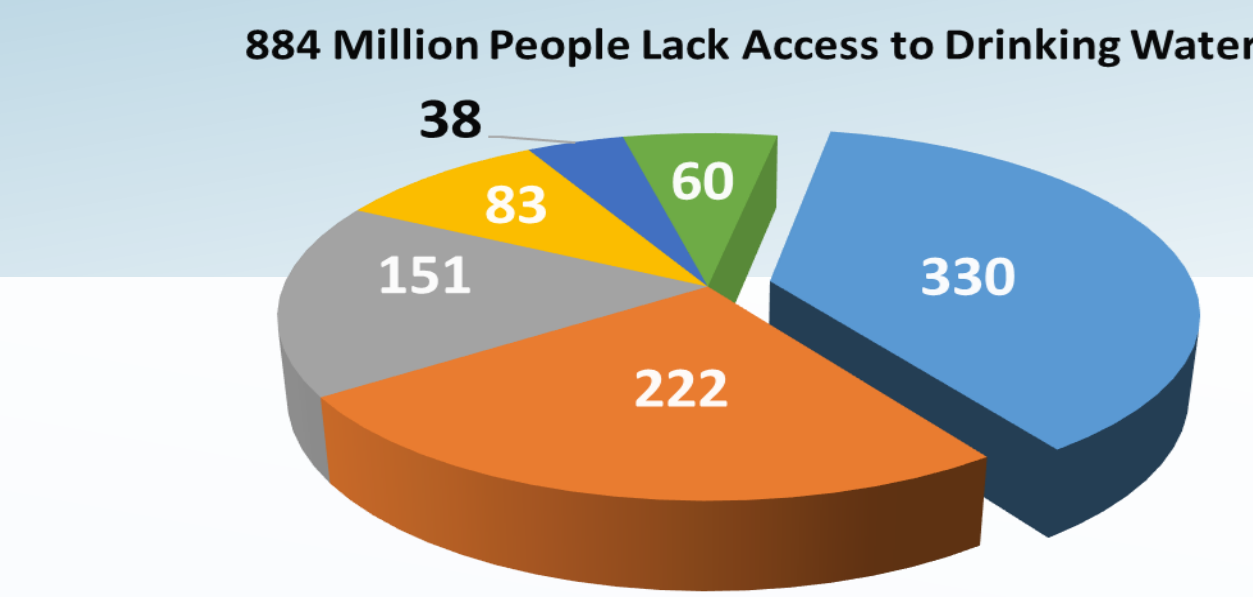
On the subject of drinking water treatment plants, the topics covered in the book include:

- Processes involved
- Assessing of the water
- Key points in development
- Biological & chemical process
- Water quality
- Management after plant construction
- Sustainability and benefits
- Technology-enhanced learning & innovative education and training
- Best practices/case studies
- Economics of the plant
- Feasibility analysis of water

## Potable Water Facts

**Partner Countries Latest Statistics based on the 2014 Environmental Performance Index and how their performances have changed over the past decade.**

(<http://epi.yale.edu/epi>)



■ Sub-Saharan Africa ■ Southern Asia ■ Eastern Asia ■ South-Eastern Asia ■ Latin American & Caribbean ■ Other

Source: [http://www.appropedia.org/Optimization\\_and\\_CFD\\_analysis\\_of\\_wind-powered\\_water\\_pump\\_system](http://www.appropedia.org/Optimization_and_CFD_analysis_of_wind-powered_water_pump_system)

#### 11. Netherlands

77.75

OVERALL SCORE OUT OF 100

+4.62%

10-YEAR TREND OUT OF 100

#### 41. Bulgaria

64.01

OVERALL SCORE OUT OF 100

+3.59%

10-YEAR TREND OUT OF 100

#### 66. Turkey

54.91

OVERALL SCORE OUT OF 100

+9.03%

10-YEAR TREND OUT OF 100

This project has been funded with support from the European Commission.

This publication reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

## Possible Pollutants

