

# Project Title

## Fluid Disinfection System based on UV Radiation / Chemical Filtering

## Sponsor

[SOPSEC, S.A.](#)

## Project Summary

The goal is to build and develop a fluid disinfection system which will remove bacteria, viruses and seaweeds using UV radiation.

The project requirements are:

1. build the hydraulic system;
  2. design UV module for cleanind water;
  3. develope and design PC interface control system;
  4. provide full security for system users;
  5. make tests and trials of system effectiveness;
- 
1. Comply with the following EU Directives:
    1. Machine Directive ([2006/42/CE 2006-05-17](#));
    2. Electrical Safety: Low Level Voltage Directive ([2006/95/CE 2006-12-12](#));
    3. Restriction of Hazardous Substances (ROHS) in Electrical and Electronic Equipment Directive ([2002/95/EC 2003-01-27](#));
  2. Mandatory adoption and use of the International System of Units ([The NIST International Guide for the use of the International System of Units](#))
  3. Use open source technologies.

## Participants

**Institution:** Instituto Superior de Engenharia do Porto

**Team N.:** 2

**Students:**

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- Ádám Jenei

- Joanna Walczak
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Logbook: [Weekly Report](#), [Meetings](#), [Activities](#)

Report: [Report](#)

Deliverables: [Links to all deliverables](#)

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## Utilities

- [DokuWiki Syntax](#)
- [Videos on how to use Wikidoku](#)

## Acknowledgements

- [SOPSEC, S.A.](#) (sponsor)
- Prof. João Correia Lopes
- Eng.<sup>o</sup> Vítor Costa Cerqueira

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