

Project Title

Water Desalination

Sponsor

<https://www.isep.ipp.pt>

Project Summary

The goal is to design, build and test a water desalinisation part for a dome shelter without using any fossil fuels. This could be used for less developed parts of the world and coastal countries to get clean and drinkable water.

The project requirements are:

1. Use distillation and solar radiation;
2. Reuse provided materials;
3. Use low cost hardware solutions;
4. Use open source software;
5. Comply with the following EU Directives:
 1. Machine Directive : ([2006/42/CE 2006-05-17](#));
 2. Electromagnetic Compatibility Directive ([2004/108/EC 2004 12 15](#));
 3. Low Voltage Directive ([2014/35/EU 2016-04-20](#));
 4. Radio Equipment Directive ([2014/53/EU 2014-04-16](#));
 5. Restriction of Hazardous Substances (ROHS) in Electrical and Electronic Equipment Directive ([2002/95/EC 2003-01-27](#));
6. Mandatory adoption and use of the International System of Units ([The NIST International Guide for the use of the International System of Units](#)).

Participants

Institution: Instituto Superior de Engenharia do Porto

Team N.: 5

Team Name: GIVE ME 5

Students:

- Augustyns Lies
- Kang Minji
- Milesi Marion
- Pogoda Maciej
- Valls Aguila Pol

Panel of Supervisors:

- Abel Duarte (ajd 'at' isep 'dot' ipp 'dot' pt)
- Fernando Ferreira (fjf 'at' isep 'dot' ipp 'dot' pt)
- Benedita Malheiro (mbm 'at' isep 'dot' ipp 'dot' pt)
- **Cristina Ribeiro (mcr 'at' isep 'dot' ipp 'dot' pt)**
- Manuel Silva (mss 'at' isep 'dot' ipp 'dot' pt)
- **Paulo Ferreira (pdf 'at' isep 'dot' ipp 'dot' pt)**
- Pedro Guedes (pbg 'at' isep 'dot' ipp 'dot' pt)

Client:

Contents

Project Planning: [Deadlines](#), [Tasks](#), [Gantt chart](#), [Task allocation](#)

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

Report: [Report](#)

Deliverables: [Links to all deliverables](#)

Contacts

- Augustyns Lies, liesaugustyns@gmail.com
- Kang Minji, dustmejjo@gmail.com
- Milesi Marion, marion.milesi17@gmail.com
- Pogoda Maciej, pogoda.maciej@gmail.com
- Valls Aguila Pol, pol.valls.aguila@gmail.com

Utilities

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

Acknowledgements

- Sponsor (sponsor)
- Eng.^o Vítor Costa Cerqueira, DEE, ISEP (wiki installation and management)
- Prof. João Correia Lopes, DEI, FEUP (wiki template)

— [EPS@ISEP Wiki Template](#) 2012-01-15 15:35

From:

<https://www.eps2016-wiki5.dee.isep.ipp.pt/> - **EPS@ISEP | The European Project Semester (EPS) at ISEP**

Permanent link:

<https://www.eps2016-wiki5.dee.isep.ipp.pt/doku.php?id=start>

Last update: **2016/06/15 10:50**

