

Water Intellibuoy

Sponsor



Project Summary

The goal is to design, build and test a drifting buoy equipped with sensors to collect data on the quality of the water of urban lakes, ponds, etc.

The project requirements are:

1. Not exceed the budget of 100 €;
2. 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](#));
3. Mandatory adoption and use of the International System of Units ([The NIST International Guide for the use of the International System of Units](#))
4. Use open source software and technologies.

Participants

Institution: Instituto Superior de Engenharia do Porto

Team N.: 2

Students:

- Sten Pajula
- Geert van Velthoven

- Charlotte Imenkamp
- Mireia Estruga Colen
- Hervé Houard

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Client:

- Client Name, email, etc.

Contents

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

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

Report: [Report](#)

Deliverables: [Links to all deliverables](#)

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Utilities

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

Acknowledgements

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