

EUROPEAN PROJECT SEMESTER – EPS@ISEP
PROJECT DESCRIPTION

Team: 3
Proposal: P08
Semester: Spring 2013

TITLE	Electronic Buoy/Beacon
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	NAME	Bennet Moller				
	N.	1121551	TEL.		EMAIL	1121551@isep.ipp.pt
	NAME	Emil Wlazlo				
	N.	1121552	TEL.		EMAIL	1121552@isep.ipp.pt
	NAME	Mateusz Tarkowski				
	N.	1121556	TEL.		EMAIL	1121556@isep.ipp.pt
	NAME	Toon Van den Bleeken				
	N.	1121560	TEL.		EMAIL	1121560@isep.ipp.pt

SHORT DESCRIPTION	
Objective	Design and development of an electronic buoy/beacon.
Requirements	– Support structure for the sensors, control and power systems; – Power autonomy (solar/batteries/?); – Wind, water, position, camera, etc. sensors; – Wireless communication; – On board data storage; – Web-based user interface; – Display over Google Maps; – Use open source technologies; – Compliant with the 2006/42/CE 2006-05-17, 2005/95/CE 2006-12-2 and ROHS EU Directives.

RELEVANT DATA
Maximum budget:

ACADEMIC SUPERVISORS	António Ferreira da Silva (AFS), Manuel Silva (MSS), Maria Cristina Ribeiro (MCR), Nídia Sá Caetano (NSC), Paulo Ferreira (PDF), Pedro Barbosa Guedes (PBG), Benedita Malheiro (MBM)
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CLIENT	Autonomous Systems Laboratory
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