

TITLE	Public UV Monitoring System
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SHORT DESCRIPTION	
Objective	Implement a public UV monitoring system for local and Web display.
Requirements	<ul style="list-style-type: none"> – Compliant with the UV index defined by the World Health Organization; – User interface should take into account eventual user handicaps: colour-based for ordinary people (QR-code, UV Index table, etc.), sign-based for colour-blind people, texture-based for blind people, sound-based for deaf people, etc.; – Wi-Fi communication; – Include UV, GPS, temperature, CO₂, humidity, ozone, pressure, wind, wind-direction, sensors; – Connected to the mains power (230 V AC) / solar panels / batteries; – Compliant with the 2006/42/CE 2006-05-17, 2005/95/CE 2006-12-2 and ROHS EU Directives.

RELEVANT DATA

RESOURCES

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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COMPANY	
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EUROPEAN PROJECT SEMESTER – EPS@ISEP
PROJECT DESCRIPTION

Project: P03

Semester: Spring 2012

ADDRESS	
EMAIL	
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