





TITLE	Context-aware Smart Object
-------	----------------------------

	NAME	Anna Maria Janaszekiewicz				
	N.	1111368	TEL.		EMAIL	1111368@isep.ipp.pt
	NAME	Hannes Harms				
	N.	1111817	TEL.		EMAIL	1111817@isep.ipp.pt
	NAME	Jana Valauskaitė				
	N.	1111819	TEL.		EMAIL	1111819@isep.ipp.pt
	NAME	Toomas Juht				
	N.	1111825	TEL.		EMAIL	1111825@isep.ipp.pt

SHORT DESCRIPTION

Objective	Develop a smart object for user interaction that communicates with a PC and shows the user interactions in a virtual world.
Requirements	<ul style="list-style-type: none"> – User interface is the object (may include LED, sound, texture, etc.); – The PC virtual world can be defined using Virtual Reality Markup Language (VRML); – Temperature, pressure, accelerometer, gyroscope, compass, GPS sensors; – Power autonomy of 12 h; – Wi-Fi communication; – Compliant with the 2006/42/CE 2006-05-17, 2005/95/CE 2006-12-2 and ROHS EU Directives.

RELEVANT DATA

Maximum budget: 500 €

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)
----------------------	--

CLIENT	ISEP, José Barros Oliveira (JBO), jbo@isep.ipp.pt
--------	---