



TITLE	Multipurpose Urban Equipment
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	STUDENT NAME	Damien Cordeiro Marques			
	N.	1171723	TEL.		EMAIL
	STUDENT NAME	Maarten Jan van der Most			
	N.	1171755	TEL.		EMAIL
	STUDENT NAME	Maria Bagiami			
	N.	1171758	TEL.		EMAIL
	STUDENT NAME	Mostafa Mahamed Emadeldin Farrag			
	N.	1171775	TEL.		EMAIL
	STUDENT NAME	Wouter Gerrit Smit			
	N.	1171812	TEL.		EMAIL

SHORT DESCRIPTION	
Objective	<p>Design, build and test a multipurpose urban equipment. Its purpose is to be defined by the team, but it should combine sensors with a general purpose functionality, e.g., public seat, bus stop, street light, etc.</p> <p>The target user segment and the full set of device requirements are to be defined by the team based on the marketing, sustainability and ethical analyses.</p>
Requirements	<ul style="list-style-type: none"> – Use low cost hardware solutions; – Use open source software; – Adopt the International System of Units (NIST International Guide for the use of the International System of Units); – Comply with the 2006/42/CE 2006-05-17, 2004/108/EC 2004-12-15, 2014/35/EU 2016-04-20, 2014/53/EU 2014-04-16 and ROHS EU Directives.

RELEVANT DATA
Maximum budget: 100 €

RESOURCES

ACADEMIC SUPERVISORS	Benedita Malheiro (MBM), Jorge Fonseca Justo (JFJ), Maria Cristina Ribeiro (MCR), Manuel Silva (MSS), Paulo Ferreira (PDF), Pedro Barbosa Guedes (PBG)
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COMPANY	
ADDRESS	
EMAIL	
WEBSITE	
SUPERVISOR	
TEL./EMAIL	