

TITLE	Bicycle Probe
-------	---------------

	STUDENT NAME	Juho Elias Ruusunen			
	N.	1191973	TEL.		EMAIL
	STUDENT NAME	Julia Szembek			
	N.	1191975	TEL.		EMAIL
	STUDENT NAME	Kaan Homer I Isik			
	N.	1191977	TEL.		EMAIL
	STUDENT NAME	Logan Jack Smith			
	N.	1191984	TEL.		EMAIL
	STUDENT NAME	Melissa Boularas			
	N.	1191991	TEL.		EMAIL
	STUDENT NAME	Zuzanna Szmytke			
	N.	1192006	TEL.		EMAIL

SHORT DESCRIPTION

Objective	<p>Design, build and test a device to transform a bicycle into a smart mobile probe (e.g., air quality, weather or traffic).</p> <p>The purpose, target user segment and the full set of device requirements are to be defined by the team based on the state of the art, marketing, sustainability and ethical analyses.</p>
Requirements	<ul style="list-style-type: none"> – Wind propelled; – Use or reuse 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)
----------------------	--

COMPANY	
---------	--

ADDRESS	
---------	--

EMAIL	
-------	--

WEBSITE	
---------	--

SUPERVISOR	
------------	--

TEL./EMAIL	
------------	--