

TITLE	Insectarium
-------	-------------

	NAME	Carina Bentin			
	N.	1141590	TEL.		EMAIL
	NAME	Kuron Bartosz			
	N.	1141605	TEL.		EMAIL
	NAME	Anthony Fountain			
	N.	1141647	TEL.		EMAIL
	NAME	Eughan Davies			
	N.	1141649	TEL.		EMAIL
	NAME	Kristjan Suits			
	N.	1141655	TEL.		EMAIL
	NAME	Paloma Fernandez de Toro Ronda			
	N.	1141657	TEL.		EMAIL

SHORT DESCRIPTION

Objective	This project addresses the problem of how to produce food to feed the world's population in the future. Since recent figures indicate that there are more than 200 million insects for each human on the planet, the challenge is to build an enclosure with the appropriate conditions to grow insects (<i>e.g.</i> mealworm or <i>Tenebrio</i>). This insectarium should be inexpensive, productive and have an elegant and functional design.
Requirements	<ul style="list-style-type: none"> – Use of low cost hardware solutions; – Use of open source and freeware; – Adopt the International System of Units (NIST International Guide for the use of the International System of Units); – Be compliant with the Machinery EU Directive (MD), Low Voltage EU Directive (LVD) and Restriction of the use of certain Hazardous Substances (RoHS) EU Directive.

RELEVANT DATA

Maximum budget: 100 €

RESOURCES

ACADEMIC SUPERVISORS	Abel José Duarte (AJD), Benedita Malheiro (MBM), Fernando Ferreira (FJF), Luís Lima (LUL), Maria Cristina Ribeiro (MCR), Pedro Barbosa Guedes (PBG), Paulo Ferreira (PDF)
----------------------	---

CLIENT	Abel José Duarte (AJD)
--------	------------------------