

**EUROPEAN PROJECT SEMESTER - EPS@ISEP  
PROJECT DESCRIPTION**
**Project: P08**  
**Semester: Spring 2026**

TITLE	Sustainable Bug/Food Production
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STUDENT NAME	Sunwoo Choi		
N. 1252447	TEL.	EMAIL	
STUDENT NAME	Hanna Linnea Østern		
N. 1252468	TEL.	EMAIL	
STUDENT NAME	Kacper Furczynsky		
N. 1252474	TEL.	EMAIL	
STUDENT NAME	Avkaran Sarminder Singh Dhillon		
N. 1252486	TEL.	EMAIL	
STUDENT NAME	Sophie Tanzer		
N. 1252487	TEL.	EMAIL	
STUDENT NAME	Ymke Roelfien Adema		
N. 1252490	TEL.	EMAIL	

SHORT DESCRIPTION	
Objective	Design, build and test a smart innovate solution to grow bugs (rebugging) or food in small or large spaces, following sustainable and ethical practices. 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.
Requirements	<ul style="list-style-type: none"> <li>- Use low cost hardware solutions;</li> <li>- Use open source software;</li> <li>- Adopt the International System of Units (<a href="#">NIST International Guide for the use of the International System of Units</a>);</li> <li>- Comply with the <a href="#">EMCD</a>, <a href="#">LVD</a>, <a href="#">MD</a>, <a href="#">RED</a>, <a href="#">ROHS</a> EU Directives.</li> </ul>

RELEVANT DATA
Maximum budget: 100 €

RESOURCES

ACADEMIC SUPERVISORS	Abel Duarte (AJD), Benedita Malheiro (MBM), Jorge Fonseca Justo (JFJ), Luís Lima (LUL), Maria Cristina Ribeiro (MCR), Manuel Silva (MSS), Pedro Barbosa Guedes (PBG)
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COMPANY	
ADDRESS	
EMAIL	
WEBSITE	
SUPERVISOR	
TEL./EMAIL	