

# 2025/26 BIP

## DETAILED PROGRAMME OF THE PHYSICAL COMPONENT

# Sustainable Engineering in Action: from Idea to Impact

**Monday** March 23rd

09:30 – 10:00  
OVERVIEW of the course  
objectives and schedule  
(Carla Viveiros / ISEL)

10:00 – 11:00  
TALK Sustainable Engineering  
(Cristina Rocha / LNEC)

11:00 – 11:30  
BREAK

11:30 – 13:00  
CAMPUS TOUR Showroom of  
scientific projects by ISEL's staff  
& students

13:00 – 14:00  
LUNCH

14:00 – 15:30  
TALK Circular Product Design  
(Margherita Molinaro / unibz)

15:30 – 17:00  
GROUP ACTIVITY Presentation  
of the work carried out during  
the virtual component

### ORGANIZATION



Instituto  
superior de  
engenharia  
de lisboa

### PARTNERS

Fachhochschule  
Dortmund  
University of Applied Sciences and Arts

HE2B  
Hauté École  
BRUXELLES-BRABANT

HELHa  
Hauté École Louvain en Hainaut

TU  
Graz

unibz

Freie Universität Bozen  
Libera Università di Bolzano  
Universität Liedia di Bulsan

UCLL  
UNIVERSITY OF  
ANDEO-SINES

**Tuesday** March 24th

09:00 – 10:30  
TALK R-Strategy Implementation  
- Intensive Companies (Marco  
Berger & Volker Koch / TUGraz)

10:30 – 11:00  
BREAK

11:00 – 12:30  
TALK Business Model for  
Circular Economy // Value  
Proposition Design (Marco  
Berger & Volker Koch / TUGraz)

12:30 – 13:30  
LUNCH

13:30 – 14:30  
TALK Advanced Composites and  
Innovative Materials  
(??? ??? / HELHa)

14:30 – 18:00  
GROUP ACTIVITY

19:30 – 21:00  
DINNER

**Wednesday** March 25th

09:00 – 10:00  
How to communicate and  
present my work  
(Rita Pereira / ISEL)

10:00 – 12:00  
BREAK & GROUP ACTIVITY

12:00 – 13:00  
TALK Energy Efficiency for a  
Sustainable Future  
(Filipe Barata / ISEL)

13:00 – 14:00  
LUNCH

14:00 – 17:00  
INDUSTRY VISIT

**Thursday** March 26th

09:00 – 10:00  
TALK Life Cycle Assessment  
(João Silva / ISEL)

10:00 – 11:00  
WORK ASSIGNMENT Green  
Chemistry  
(Annemie Froyen / UCLL)

11:00 – 11:30  
BREAK

11:30 – 13:00  
GROUP ACTIVITY

13:00 – 14:00  
LUNCH

14:00 – 16:00  
GROUP ACTIVITY

16:00 – 18:00  
CULTURAL VISIT to  
OCEANÁRIO DE LISBOA

**Friday** March 27th

09:00 – 11:00  
PROJECT PRESENTATIONS

11:00 – 11:30  
BREAK

11:30 – 13:00  
PROJECT PRESENTATIONS

Sustainable engineering,  
circularity and sustainable  
practices must be  
incorporated in all stages of a  
value chain to achieve a fully  
circular economy - from  
design to production and all  
the way to the consumer. To  
gain knowledge about  
sustainable engineering  
practices and their relevance,  
the students will chose an  
essential area of circular  
economy to explore.

During the physical  
component of this BIP,  
students take on the work  
previously carried out and  
further develop it into a  
complete eco-friendly and  
eco-valuable business  
proposal.

