Module Definition Form (MDF)

Module code: MOD011056	**Version:** 1 **Date Amended:** 14/Apr/2025

1. Module Title
Sustainability Analysis Project

2a. Module Leader
Helen Benton

2b. School
School of Management

2c. Faculty
Faculty of Business and Law

3a. Level
7

3b. Module Type
Standard (fine graded)

4a. Credits
15

4b. Study Hours
150

5. Restrictions			
Type	**Module Code**	**Module Name**	**Condition**
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:	MBA in Project Management with Artificial Intelligence MBA in Project Management with Artificial Intelligence (with Professional Experience) MSc in International Business with Sustainability MSc in International Business with Sustainability (with Professional Experience)		

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

In this hands-on module, you'll work in a dynamic team to conduct sustainability analysis. You will engage in critical analysis and application of key sustainability frameworks such as Lifecycle Assessment (LCA). You'll develop strong analytical skills to assess environmental impacts and sustainability metrics. You will synthesise the sustainability analysis to identify areas for improvement. You'll further make recommendations for innovative solutions to sustainability challenges aimed at enhancing sustainability practices. The agile teamwork will give you applied experience of collaboration, and adaptive planning. By the end of the module, you will emerge with a robust foundation in sustainability analysis and be equipped with the skills to contribute meaningfully to sustainability initiatives across various sectors. Furthermore, you will have worked in a dynamic team to hone your team work and project management skills.

6b. Outline Content

- Introduction to Megatrends through Global Sustainability Frameworks: UNs SDGs, 3Ps and LCA.
- Understanding the concept of responsible consumption and production in sustainability.
- Team Formation and working in dynamic teams.
- Initial assessment using the 3 Ps model: people, planet and profit.
- Lifecycle Assessment (LCA) as a tool for circularity: focus on the impact of design and raw materials.
- Manufacturing processes in lifecycle assessment.
- The processes of logistics, retail and distribution and their impact.
- Reflecting on your role as a consumer: use and closing the end of use loop in lifecycle assessment.

6c. Key Texts/Literature

The reading list to support this module is available at: https://readinglists.aru.ac.uk/

6d. Specialist Learning Resources

OpenLCA

7. Learning Outcomes (threshold standards)		
No.	**Type**	**On successful completion of this module the student will be expected to be able to:**
1	Knowledge and Understanding	Evaluate individual and organisational actions and behaviour using relevant sustainability frameworks.
2	Knowledge and Understanding	Conduct sustainability assessments, considering environmental, social, and economic impacts and make recommendations.
3	Intellectual, practical, affective and transferrable skills	Develop skills in project teamwork including effective communication, conflict resolution, and collaboration.
4	Intellectual, practical, affective and transferrable skills	Promote self-inquiry and reflection on our own ethical and sustainability responsibilities as global citizens.

8a. Module Occurrence to which this MDF Refers				
Year	**Occurrence**	**Period**	**Location**	**Mode of Delivery**
2026/7	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	**Hours**	**Learning Outcomes**	**Details of Duration, frequency and other comments**
Lectures	12	1-4	1 hour Tutor-led Workshop
Other teacher managed learning	12	1-4	1 hour Student-led Workshops and Labs
Student managed learning	126	1-4	Reading, watching videos, researching product and organisation, assimilating understanding, etc.
TOTAL:	150		

9. Assessment for the above Module Occurrence					
Assessment No.	**Assessment Method**	**Learning Outcomes**	**Weighting (%)**	**Fine Grade or Pass/Fail**	**Qualifying Mark (%)**
010	Practical	1-4	100 (%)	Fine Grade	40 (%)
Portfolio 3000 words					

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:
(a) achieve the qualifying mark for each element of fine graded assessment as specified above
(b) pass any pass/fail elements

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]