

Course Unit	-	Field of study	-
	-	School	School of Technology and Management
Academic Year	2022/2023	Year of study	1
Type	Semestral	Semester	1
Workload (hours)	54	Contact hours	T - TP - PL - TC - S - E - OT - O -
		Level	ECTS credits 2.0
		Code	5063-749-1101-00-22

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Jacinta Helena Alves Lourenço Casimiro da Costa, Paula Sofia Alves do Cabo, Sílvia Freitas Moreira Nobre

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Identify the principles of Sustainable Agriculture 2. Recognize the circular economy at an economic, environmental and social level. 3. Evaluate, business strategies based on the circular economy.

Prerequisites

Before the course unit the learner is expected to be able to:
Not necessary

Course contents

Sustainable development, sustainability and green economy. The European Green Deal - EU Green Deal. Circular economy: definition and characteristics. The circular economy in the company and new business models. Eco-innovation, eco-design and integrated product policy.

Course contents (extended version)

1. Sustainable development
2. Circular Economy (use of Resources/Waste Disposal)
3. Sustainable Economy (sustainability criteria)
4. Circular economy in the company and new business models
5. Eco-design and integrated business policy
6. Environmental Policy in the EU: 7th and 8th Framework Programs on Environment; European Green Deal

Recommended reading

1. Pearce, D. W. & Turner, R K. 1990. Economics of Natural Resources and the Environment. Harvester Wheatsheaf, New York.
2. Comunidades Europeias, 7º Programa Comunitário em Matéria de Ambiente
3. Achterberg, E., Hinfelaar, J., & Bocken, N. 2016. Master circular business models with the Value Hill. Circle Economy, Utrecht
4. Santos, M. J., Sousa, M. J., & Sebastião, P. 2022. Modelos de Negócios Sustentáveis. Lisboa, Portugal: IAPMEI, Agência para a Competitividade e Inovação, I.P
5. Gløersen, E., Furtado, M., Gorny, H., Münch, A. & Alessandrini, M., Bettinil. 2022. Implementing the European Green Deal: Handbook for Local and Regional Governments, European Committee Regions

Teaching and learning methods

Expository method. Analysis and discussion of practical cases proposed by the students and support for the elaboration of the individual works of the students.

Assessment methods

- Individual written work - (Regular, Student Worker) (Final, Supplementary, Special)

Language of instruction

Portuguese

Electronic validation

Jacinta Helena Alves Lourenço Casimiro da Costa, Paula Sofia Alves do Cabo, Sílvia Freitas Moreira Nobre	Elsa Cristina Dantas Ramalhosa	José Carlos Rufino Amaro
20-07-2023	25-07-2023	26-07-2023