



**LAND MANAGEMENT, ENVIRONMENT & SOLID-WASTE:
INSIDE EDUCATION AND BUSINESS IN CENTRAL ASIA
ERASMUS-EDU-2023-CBHE Project Number: 101129032**

MICRO-CREDENTIAL

**CIRCULAR ECONOMY
FOR LAND AND WASTE MANAGEMENT**

5.- Waste Prevention and Eco-Design

Activity 1.- Product/packageing redesign task



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Activity 1. Product/Packaging Redesign Task

Objective: Apply eco-design principles to analyse a product or packaging and propose improvements that reduce waste and enhance circularity.

Task: Choose one everyday product or packaging (for example: plastic bottle, food container, takeaway packaging, cosmetic packaging) and redesign it using circular economy principles.

In your answer, include the following:

1. *Description of the product*
Briefly explain what the product is, what materials it is made of, and how it is used.
2. *Identification of problems*
Describe the main issues from a circular economy perspective (for example: single-use, difficult to recycle, mixed materials, excessive packaging, short lifespan).
3. *Eco-design improvements*
Propose at least three improvements based on eco-design principles, such as reducing material use, using recyclable or biodegradable materials, enabling reuse or refill, improving durability, or simplifying material composition.
4. *Redesigned solution*
Describe your improved version of the product or packaging and explain how it improves the lifecycle (production, use, and end-of-life).

Your response should be concise (approximately half a page) and may include a simple sketch or diagram if helpful.