



**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**

3.- Land as a Circular Resource

***Activity 1.- Case worksheet: selecting circular land-use
options for degraded land***



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1. Activity 1. Case Worksheet: Circular Land-Use Options

Objective

Understand how circular economy approaches can help restore degraded land.

Case Scenario

You are working with degraded land in Central Asia. The area suffers from:

- Soil degradation (e.g., erosion or salinization)
- Overuse of chemicals
- Poor water management

Your goal is to suggest simple circular solutions to improve this land.

Task

Answer the following questions:

1. Identify the problem

- What type of land degradation is present?
- What are the main causes?

2. Ecosystem services

Which ecosystem services are affected? (*e.g., food production, water regulation, soil fertility*)

3. Circular solutions

Choose 2 solutions and briefly explain how they help:

- Composting / organic waste return
- Regenerative agriculture
- Agroforestry
- Wastewater reuse
- Nature-based solutions

4. Reflection

Answer in 2–3 sentences:

How is a circular approach different from a linear one in this case?