



**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**

14. – Case Studies and Project Work

***Activity 1.- Group case analysis + Final capstone project
case distribution***



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Activity 1. Group case analysis + Final capstone project case distribution

This optional activity (it is possible to do this activity in groups or individually) is designed to help learners apply circular economy concepts to real land and waste management challenges through practical case-study analysis. The task may be completed individually or collaboratively in pairs/small groups, depending on the learning format and participant preference.

Learners will select or be assigned a case related to circular economy implementation in areas such as:

- municipal waste management;
- industrial symbiosis;
- construction and demolition waste recovery;
- organic waste valorisation;
- circular agriculture;
- recycling systems.

The objective of the activity is to critically analyse how circular economy principles are applied within a real territorial or industrial context and evaluate the effectiveness of the proposed solutions.

For the selected case, learners should briefly identify:

- the main environmental or resource-management problem;
- the stakeholders involved;
- the circular economy approaches or technologies applied;
- the environmental, economic, and social benefits;
- the main implementation barriers or limitations;
- whether the solution could be adapted to their own local or regional context.

Learners are encouraged to include a simple diagram, material-flow scheme, or conceptual map illustrating the circular system described in the case.

The activity may be submitted as:

- a short written analysis (approximately 1–2 pages),
- a presentation,
- or a visual concept map with explanatory notes.

This activity also serves as preparation for the Final Capstone Project. Following the activity, each learner (or group, if applicable) will receive or select a capstone project case focused on a land and waste management challenge requiring the development of an applied circular economy strategy. The final project should demonstrate the learner's ability to apply course concepts, evaluate circular solutions, and propose realistic interventions adapted to specific territorial conditions.