



**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**

**1.- Introduction to Circular Economy in Land and Waste
Systems**

Discussion

***Which land- and waste-related problems in my region
are caused by a linear economy?***



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Task description

In this discussion, you will reflect on how the traditional **linear economy** affects land and waste management in your region. A linear economy follows the pattern of **take – make – use – dispose**. This model often leads to excessive extraction of natural resources, high waste generation, land occupation for disposal, pollution, and loss of valuable materials.

Choose a region, city, rural area, industrial zone, agricultural area, or community that you know well. Identify one or more land- or waste-related problems that may be linked to linear economic practices.

You may consider issues such as uncontrolled dumping, landfill expansion, construction waste, food waste, agricultural residues, plastic pollution, abandoned industrial land, soil degradation, inefficient use of land, or loss of materials that could be reused or recycled.

In your response, explain how the problem is connected to a linear economy. Try to identify where the system fails: extraction, production, consumption, waste collection, sorting, reuse, recycling, disposal, or land-use planning.

Guiding questions

1. What land- or waste-related problem can you observe in your region?
2. How is this problem connected to a linear “take–make–waste” model?
3. Which materials, resources, or land areas are being wasted?
4. Who is affected by this problem?
5. What circular economy principle could help reduce the problem?

Expected contribution

Write a short discussion post of approximately **250–400 words**. Include one local example and respond to at least one classmate by comparing their example with your own region.

- Discussion prompt: “Which land- and waste-related problems in my region are caused by a linear economy?”

<https://padlet.com/khavayevloyeva/which-land-and-waste-related-problems-in-my-region-are-cause-w7msoyeb430yhvis>