



**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**

**4.- Solid Waste Streams and Material Flows**

***Discussion***

***Which waste stream has the highest circular potential in  
my region?***



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### Task description

In this discussion, you will identify one waste stream in your region that has strong potential for circular economy. A waste stream is a specific type or category of waste, such as organic waste, plastics, construction and demolition waste, agricultural residues, paper and cardboard, metals, electronic waste, textiles, wastewater sludge, or industrial by-products.

Choose one waste stream that is relevant in your local context. Explain why it has circular potential. Circular potential may depend on quantity, quality, collection systems, available technologies, market demand, environmental benefits, social acceptance, and policy support.

Your discussion should not only say that the waste “could be recycled”. It should explain what circular pathway would be realistic: prevention, reuse, repair, composting, anaerobic digestion, recycling, material recovery, industrial symbiosis, or safe return to soil.

### Guiding questions

1. Which waste stream is important in your region?
2. Why does it have high circular potential?
3. What is currently happening to this waste stream?
4. What circular pathway could be developed?
5. What barriers may prevent this waste stream from becoming circular?

### Expected contribution

Write a discussion post of approximately **250–400 words**. Include one specific waste stream and propose one realistic circular use or recovery pathway.