



## Circular Economy for Riga and Tartu Waste Management Facilities



Funded by  
the European Union

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**The Circular Economy for Riga and Tartu Waste Management Facilities (CERITA)** is an ambitious project that seeks to transform waste management practices through a circular economy approach. The project is led by a consortium of partners from Latvia, Lithuania, Estonia, and the Netherlands.

**Project aims to analyze** the waste composition, energy consumption, and renewable energy production potential of the waste management facilities in Riga and Tartu. One of the key innovations of the CERITA project is the use of hydrogen and its derivatives to improve the waste management facility value chain.

**The result** will be business model analysis, the economic value of products, and an investment plan for the identified solutions. The project seeks to promote public awareness and education on circular economy and waste management practices.

### Main partner:



### Partners:

EKOtikslai



Hydrogen Architects.



TARTU



**Project period:** 01.01. – 31.12.2024.

**Budget:** 1,5M EUR





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**In the year-long project partners are analyzing** waste composition, energy consumption and solutions, including the use of hydrogen and its derivatives, to improve the efficiency of waste management and reduce climate impacts. The identified solutions will be subject to a business model analysis and an investment plan. The project has the potential to have a significant impact on waste management practices in the region and beyond.

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**Main project partner:**



**Project partners:**



**EKotikslai**

Receiving  
~**300,000 tons**  
of unsorted  
municipal  
waste per year

Energy production  
from landfill gas  
per year

~**30 GWh of electricity**  
~**20 GWh of heat**



Growing  
~**450 tons**  
of **tomatoes**  
~**420 tons** of  
**cucumbers**  
per year

