



**REDUCES**  
Interreg Europe

European Union  
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# RESOURCE EFFICIENCY AND RECYCLING


Producing goods using recycled materials is often much less energy intensive than manufacturing goods from virgin materials. Recycling thus has a great potential to improve resource efficiency by reducing production costs and carbon emissions.

## BENEFITS

Resource efficiency and recycling means using renewable and recyclable materials as well as renewable energy in product design and manufacturing.

# Get inspired!


## **New generation materials (Maramures, Romania)**



The composite materials can be obtained from a wide range of cheap raw materials: linen, hemp, jute, willow/poplar, coir, textile waste, etc. For example, TAPCOM project of TAPARO CO. aims is to replace wood or other materials used in furniture and automotive industry with new composites made of recycled and recyclable material.

[Read more about the case!](#)


## **Closed loop recycled and sustainable packaging (Manchester, UK)**



By using sustainable packaging, it is possible to reduce waste and lower the carbon footprint. DUO produces sustainable packaging for large global online retailers and collects their returned packaging, creating a closed loop in the recycling and manufacturing process.

[Read more about the case!](#)

## **Food, home & personal supplies manager (Bulgaria)**



According to UN data, one third of the food that the world produces is discarded. CozZo App is a food manager, combined with a versatile shopping and cooking planner, that helps to avoid food waste by tracking what you have and when it expires.

[Read more about the case!](#)

**More inspiring examples:**  
[interregeurope.com/reduces](https://interregeurope.com/reduces)

