

# Start Circles

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Circular economy challenges in Austrian and Slovenian wood and plastics sector

Antonia Bozic Cerar – Environmental Department  
Chamber of Commerce and of Industry Slovenia

# Circular economy - focus

- Municipal waste
  - Extended producer responsibility
    - Packaging
    - Electrical and electronic equipment
    - End-of-life vehicles
    - Batteries and Accumulators
- Packaging – recovery vs recycling

# High recycling rates?

## Recycling rate of plastic packaging waste in the EU Member States (2017 data)



\* 2016 data instead of 2017

[ec.europa.eu/eurostat](https://ec.europa.eu/eurostat) 

# plastics & municipal waste management



# Traceability & reverse logistics

- ▶ recovery vs recycling
- ▶ New accounting rules, true recycling R3,R4,R5 → R12 recovery, does not necessarily end up in recycling operations
- ▶ Digitalization from material production to waste management and back  
→ traceability, reverse logistics, reuse and recycling
- ▶ Better design, elimination and substitution of dangerous substances, retrieval of critical materials, improved self sufficiency of raw materials

# Wrap up

➤ Increased traceability supported by technological advancement

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➤ New accounting rules for recycling of municipal waste

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Better comparability between MS regarding actual waste management

Achieved recycling rates will initially go down, with a more accurate perspective on material flows, circular economy will