

RECYCLE & CREATE



CIRCULAR ECONOMY

Did you know that some tennis matches may be decided with recycled milk packaging?

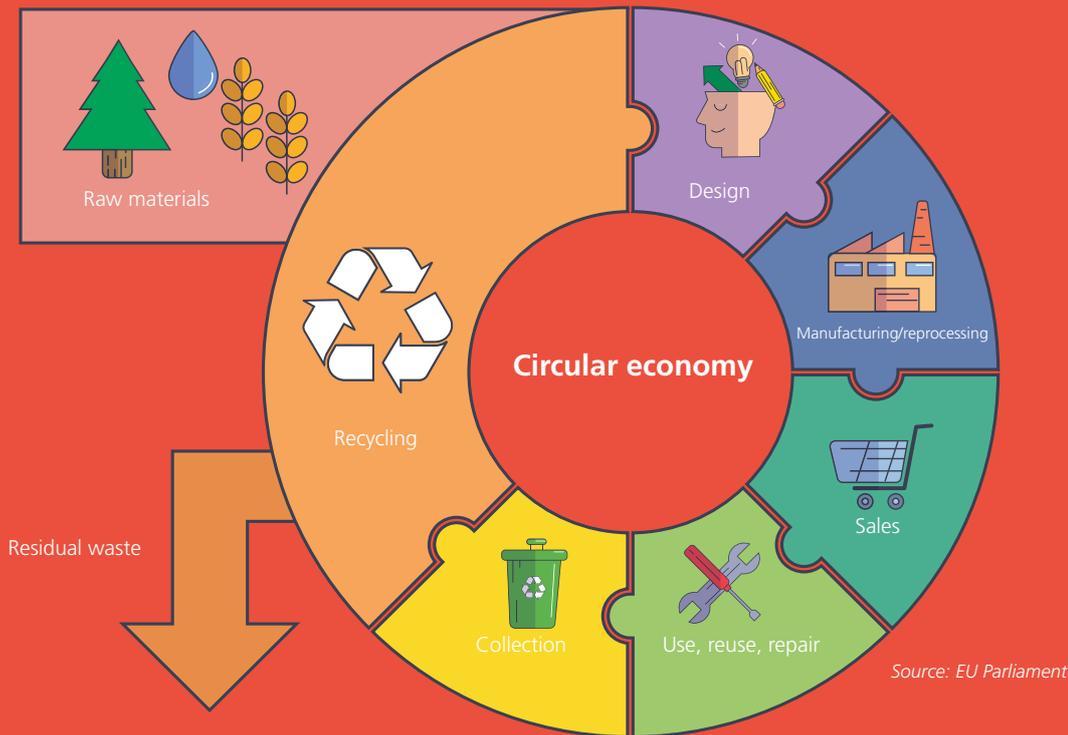


Resolution on the last page

What does the circular economy mean?



The circular economy is the ideal way in which to use raw materials. All materials and products should be recycled as far as possible. After a product has been used, the materials are either reused or used to manufacture new products. This ensures that fewer raw materials are taken from nature. A great contribution to protect the environment.

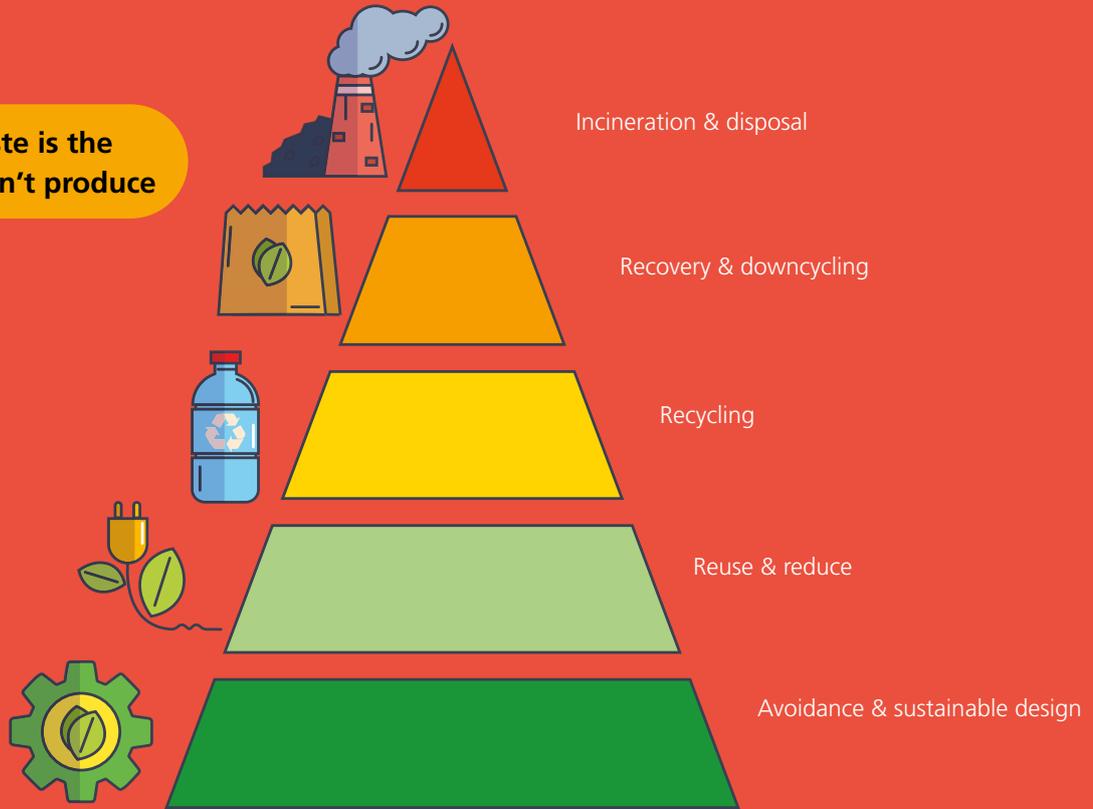


Recycling

Recycling allows valuable resources to be reused and returns them to the economic cycle – ideally not just once. Strictly speaking, recycling means that exactly the same primary materials can be produced from the recovered raw materials. Anything else is downcycling. This is followed by material and then energy recovery.

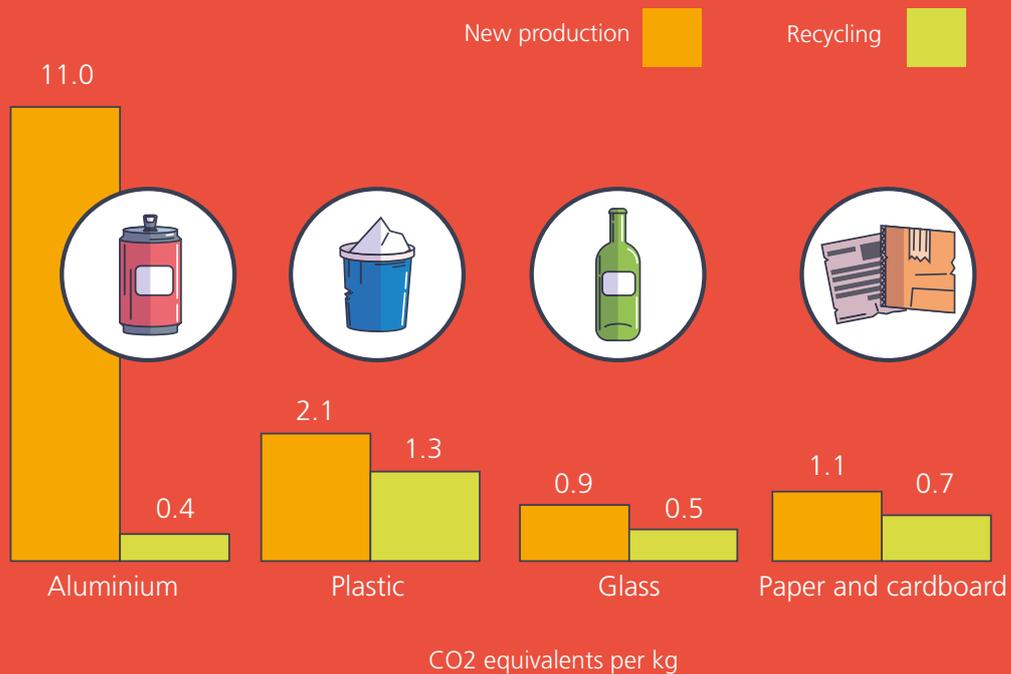
The recycling pyramid

The best waste is the waste we don't produce



Source: Greenpeace, Der Recyclingmythos 2020

The extent to which recycling reduces CO2 emissions



Source: <https://norden.diva-portal.org/smash/get/diva2:839864/FULLTEXT03.pdf>

Facts & Figures

68%



68% of municipal waste in Germany was recycled and composted in 2017. Germany is therefore the leader in the EU when it comes to recycling municipal waste.

It is followed by:

- Austria (58%)
- Slovenia (58%)
- Belgium (54%)

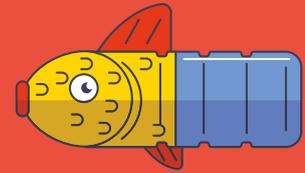
2.12
billion



In 2021, 2.12 billion tonnes of waste were produced worldwide.



Glass can be repeatedly recycled without a loss in quality.



There will be more plastic than fish (by weight) in our oceans by 2050.

3m



Recycling a stack of newspapers standing three metres high can save a tree.

Why do we need a circular economy?

- Resources are scarce. The supply of many important raw materials is limited. Steady growth in the world's population means that demand for raw materials is also rising.
- The extraction and use of raw materials has a significant impact on the environment and climate, increasing energy consumption and CO2 emissions. Such emissions can be reduced through the intelligent use of raw materials.

QUIZ TIME

Challenge your knowledge!

www.spielwarenmesse.de/en/quiz-4

RESOLUTION

Did you know that some tennis matches may be decided with recycled milk packaging?

Milk is sold in PET packaging in many countries. During the recycling process, it is sorted, shredded, cleaned, melted down and then spooled into long, thin threads. These thread fibres can then be used to make the yellow or green neon fuzz on tennis balls.



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