

Kiel on its way to become a Zero.Waste.City

Webinar Zero Waste and Climate Protection

02.11.2021

Kiel's journey

- **September 2018:** The Kiel Council decides that the state capital Kiel shall become a Zero.Waste.City
- **September 2019:** Start of the participatory strategy development
- **August 2020:** the 270-page long concept is completed
- **November 2020:** The Kiel Zero Waste concept is unanimously adopted by the Kiel Council



Almost 400 municipalities
across Europe are
already members



Kiel wants to become
Germany's first
Zero.Waste.City

The Zero Waste-strategy of the city of Kiel

107 Zero Waste-measures



Waste system transformation



Educational institutions



Public administration



Industry, trade and events



Households

The two main objectives:

The total amount of waste per capita per year in Kiel is to be reduced by an average of 15 % by 2035.

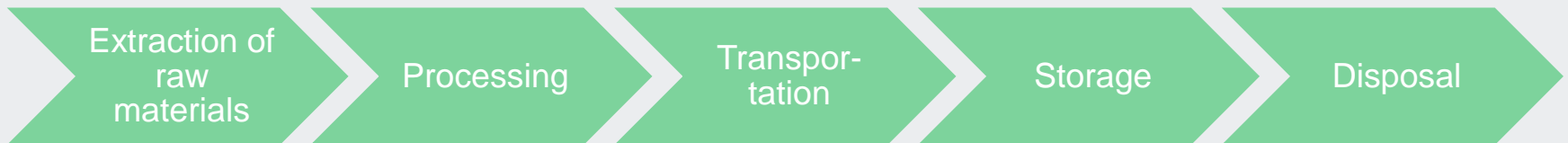
Halve household and commercial waste (residual waste) by 2035 and reduce it to less than 50 kg per capita per year in the long term.



How is Climate Protection linked to Zero Waste?

Overall Zero Waste-goals:

- Protection of resources
- Reduction of greenhouse gas emissions



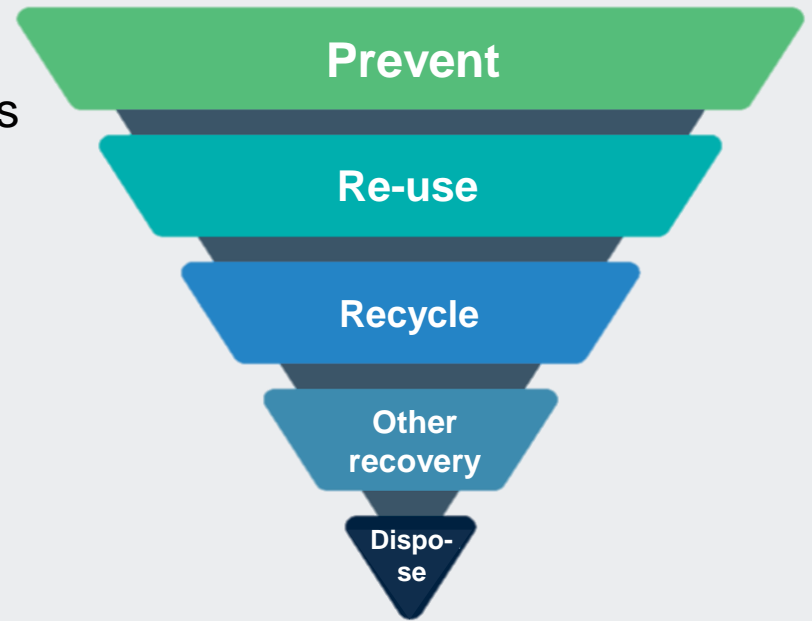
→ “grey energy”

Zero Waste and Climate Protection

Prevent and reduce CO₂ emissions through

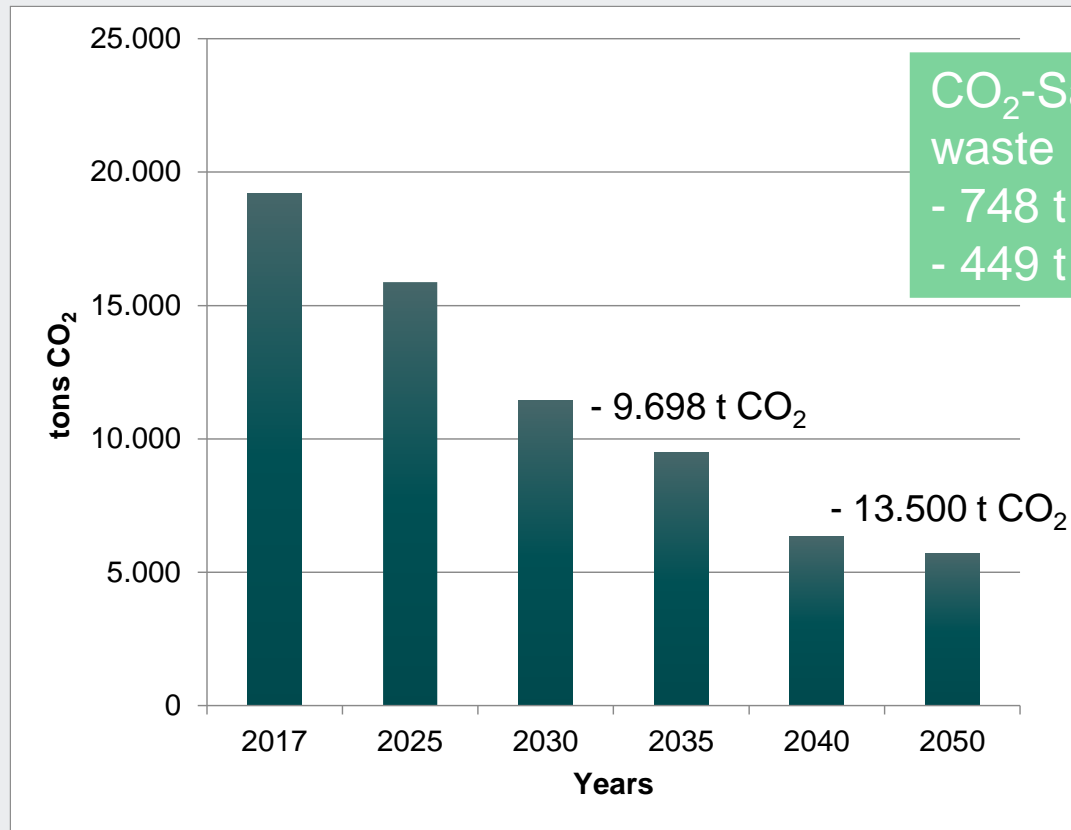
- avoidance of waste
- usage of secondary raw materials
- usage of renewable resources
- separate collection of waste
- local waste treatment

Waste that is not generated doesn't waste any resources, doesn't consume energy, doesn't need to be collected and doesn't need to be recycled.



CO₂-saving potential in Kiel

thermal utilization



CO₂-Saving potential:
waste mobility
- 748 t CO₂ til 2035
- 449 t CO₂ til 2050

Challenges & Perspectives

Zero Waste-Challenges:

- consumerism and throw-away society
 - changing consumer behavior and production patterns
- participation of key stakeholders



Zero Waste is an opportunity to reduce emissions and protect resources through prevention and reduction of waste!

Thanks for your attention!



Contact details:

Environmental Protection Department Kiel
Selina Kahl
Holstenstr. 104
D-24103 Kiel

 +49 431 901 3729

 Selina.Kahl@kiel.de

WEB kiel.de/zerowaste