

REnewable, REcyclable, REcycled

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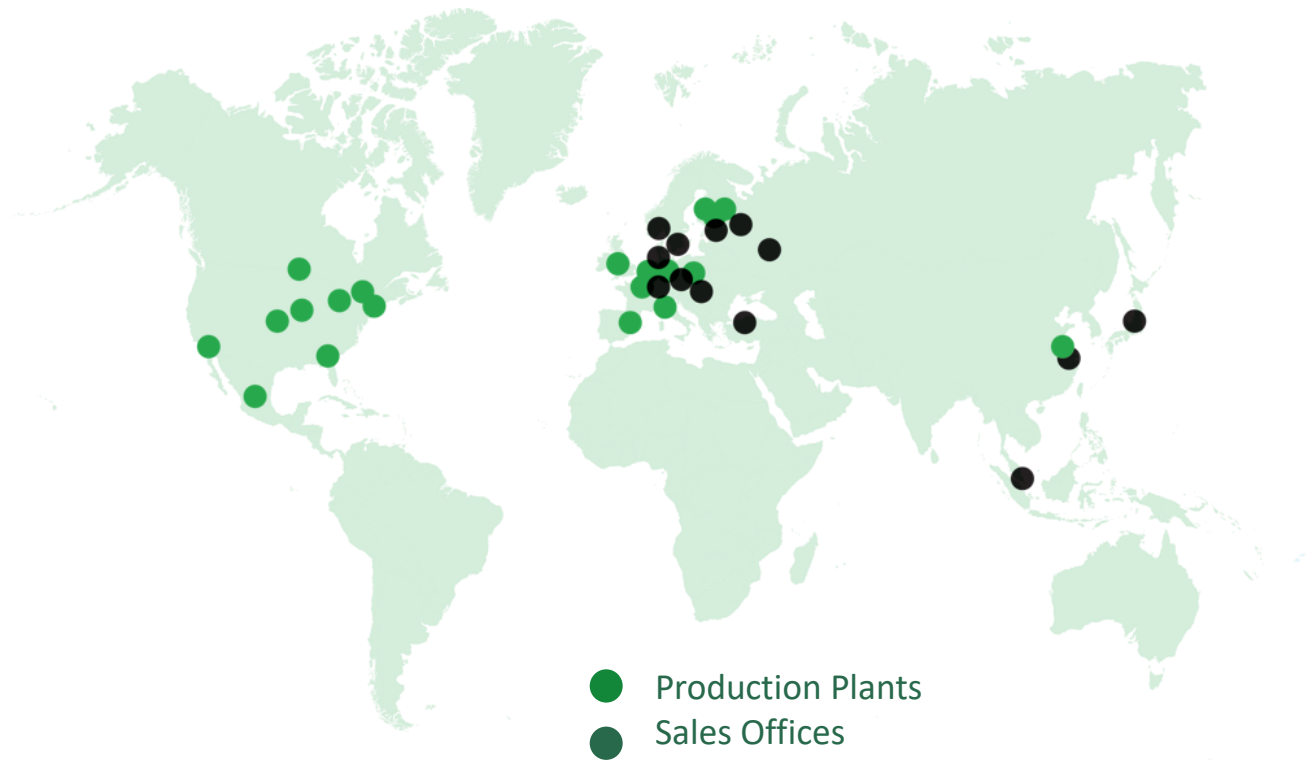
Welcome to Wihuri Packaging



Wipak is part of the family-owned **Wihuri Group**, tracing its origins back over 120 years.

4000 employees

1220 million € turnover





Until 2050 more plastic than fish in the oceans!

Badische...
Im Rhein treib...
Wirtschaft...
„Industrie und Handel müssen viel mehr Rezyklate einsetzen“
EU bringt Plastiksteuer ins Spiel
Besser leben ohne Plastik



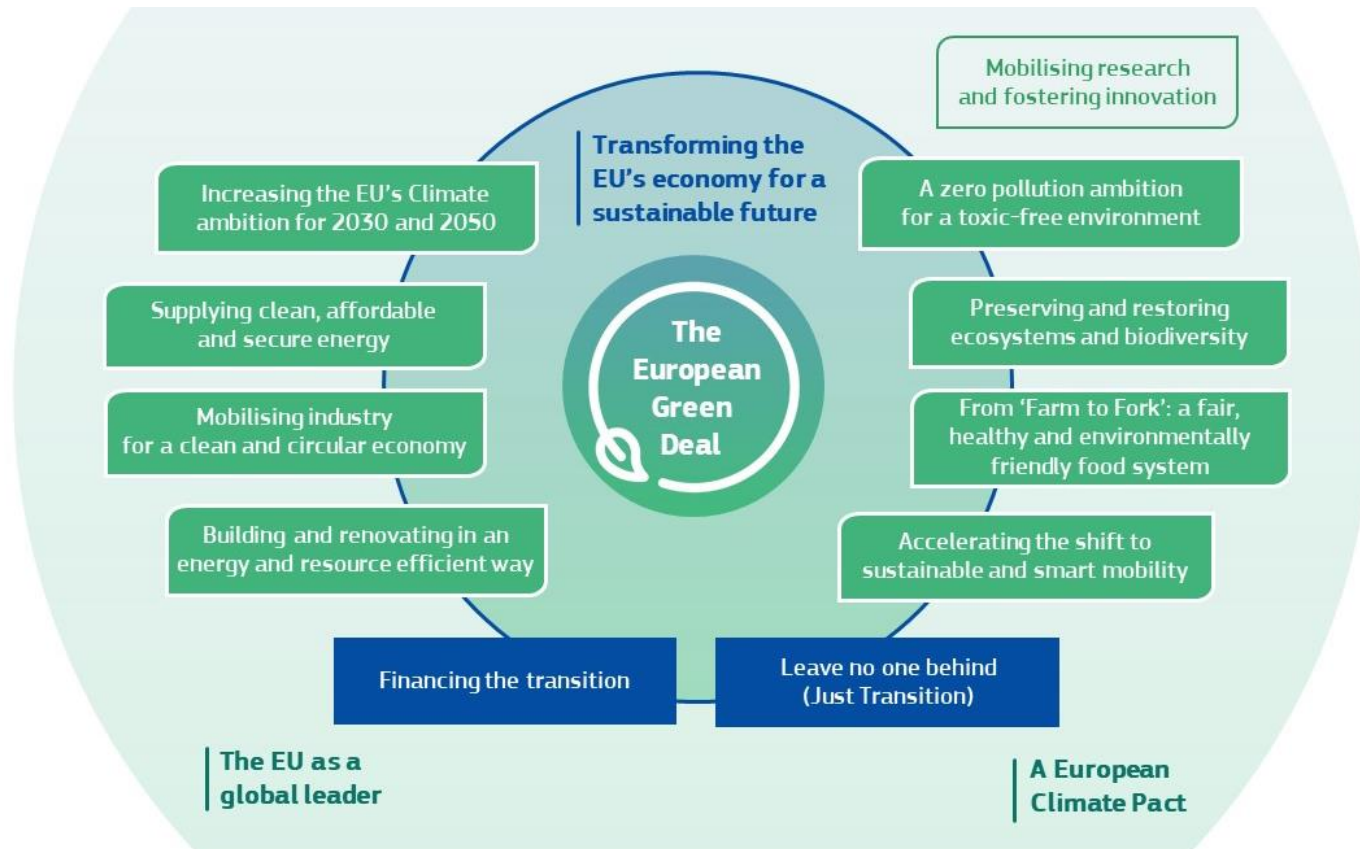
Plastic-free



Plastic Attack

Growing Public Attention

„EU Green Deal and „Circular Economy“



Climate-neutral, resource-efficient and competitive economy



Preserving the value of products, materials and resources in the economy for as long as possible and minimizing waste generation

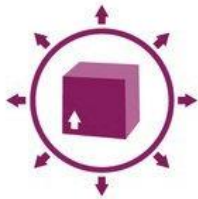
Proposal for Revision on Packaging and Packaging Waste Directive

This revision aims to:

- Prevent the generation of packaging waste, **reducing** it in quantity, and promoting **reuse and refill**
- Ensure that **all packaging on the EU market will be recyclable in an economically viable way by 2030**
- Increase the **use of recycled plastics in packaging**, thus enabling more high quality (“closed loop”) recycling and substituting virgin materials



The key measures to bring about change on the ground include



Regulatory harmonisation

- Moving from a Directive to a Regulation
- Binding measures for direct and uniform application across all EU Member States



Packaging minimisation & waste prevention

- Waste reduction targets set for EU Member States
- Packaging minimisation obligations for economic operators
- Restrictions on certain packaging formats



Packaging recyclability

- All packaging to be fully recyclable: designed for recycling by 2030 and recycled at scale by 2035
- Recyclability of packaging to be assessed against Design for Recycling criteria
- Eco-modulation of EPR based on packaging recyclability and, for plastic packaging, on the percentage of recycled content



For more information and detailed analysis on the European Commission proposal for a revised Packaging and Packaging Waste Directive, visit the EUROPEN website: www.europen-packaging.eu



Plastic recycled content

- 2030 and 2040 mandatory minimum recycled content targets for plastic packaging, for each unit of packaging that contains a plastic part



Re-use and refill

- 2030 and 2040 reuse and refill targets for economic operators and final distributors for a wide range of food and beverage packaging, as well as transport packaging



Harmonised labelling

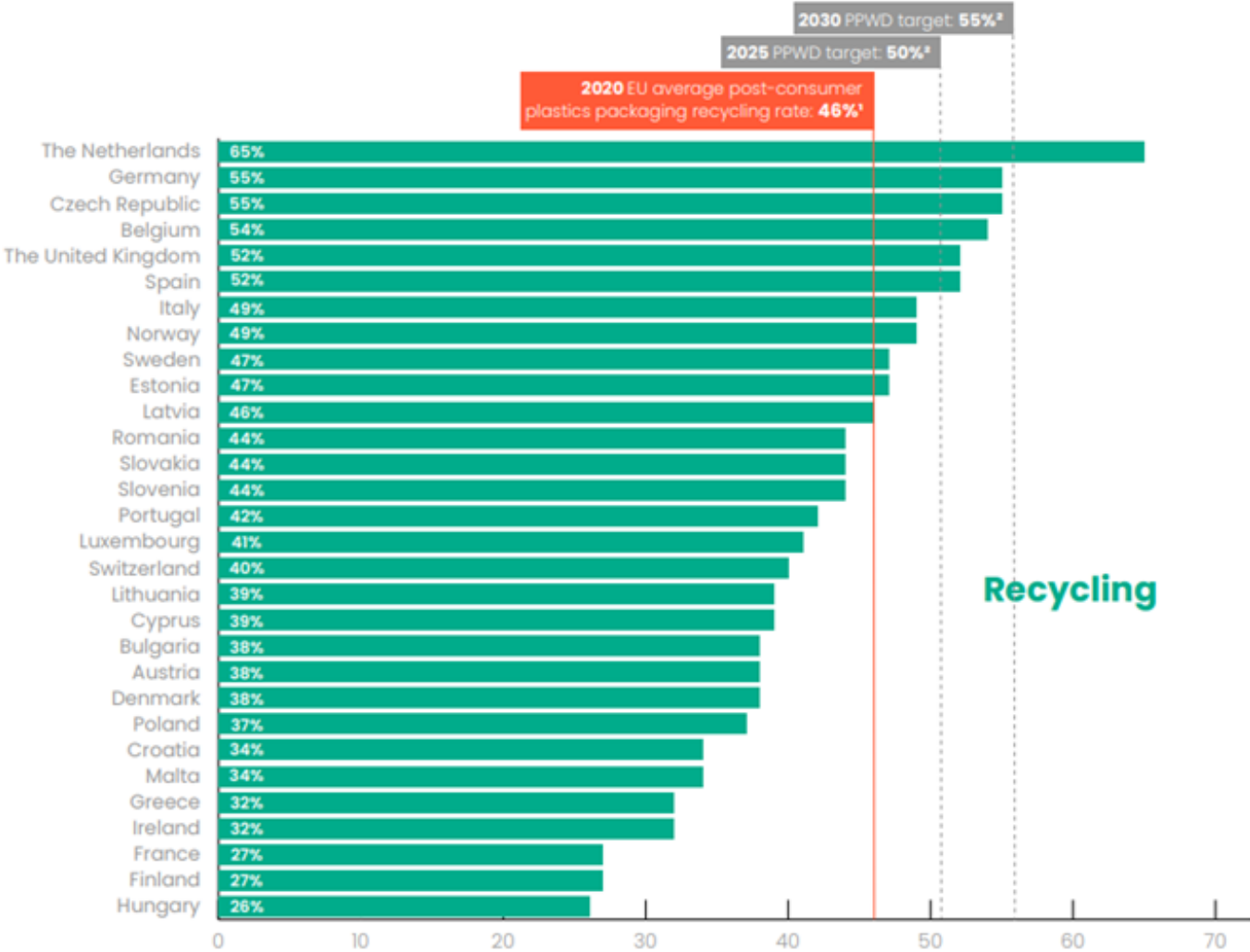
- Requirements on the labelling of packaging to provide consumers with sorting instructions, information on plastic recycled content and the reusability of packaging



Post-consumer plastics packaging waste treatment in 2020

The current 46% recycling rate would potentially equal 32% under the new plastics packaging recycling calculation methodology foreseen by the Packaging and Packaging Waste Directive (PPWD) (Directive (EU) 2018/852).

Source: Conversio Market & Strategy GmbH
 Non-plastics waste (i.e., textiles, adhesives, sealants, coatings, etc.) is not included.
 1. Under the former point of calculation: Materials sent for recycling - Directive (EU) 94/62/EC
 2. Under the new point of calculation: Materials entering pelletisation, extrusion and moulding processes - Directive (EU) 2018/852
 The plastics packaging waste data used for the above graph were extrapolated based on 2019 available figures. The above data were rounded.
 Recycling rates for plastics packaging waste are shown under the old plastics packaging recycling calculation methodology.
 2020 Dutch plastics recycling included some quantities of plastics packaging waste collected in 2019, due to a fire in a local recycling facility in 2019.



Recycling



Our strategic approach

Wipak's strategy to reduce our Corporate Carbon Footprint focuses on two aspects:



Company Carbon Footprint: including all CO₂e emissions which are Wipak's direct responsibility.



Products: the material efficiency and recyclability of the packaging. We also constantly introduce new material options to minimize the carbon footprint.



Green Choice

by  | WIPAK

GreenChoice by Wipak is our comprehensive product portfolio designed to make sustainability in flexible packaging as easy as possible.



REnewable

Paper laminates and new plastics made from **renewable feedstock**.



REcyclable

Solutions aligned with **recycling guidelines** and designed for a **circular economy**.



REcycled

Integrating mechanically or chemically **recycled raw materials** into our packaging.

WiCircle – closing the loop of production waste



 TARGET

Chemical recycling of all our production waste, which is not suitable for mechanical recycling



Use the produced recycle in our production of GreenChoice products (mass balance approach)

15 M€ investment in Production of recyclable Packaging Materials in Wipak Nastola

