

Interzero Repasack GmbH

Paper Sack Recycling in Germany
since 1991



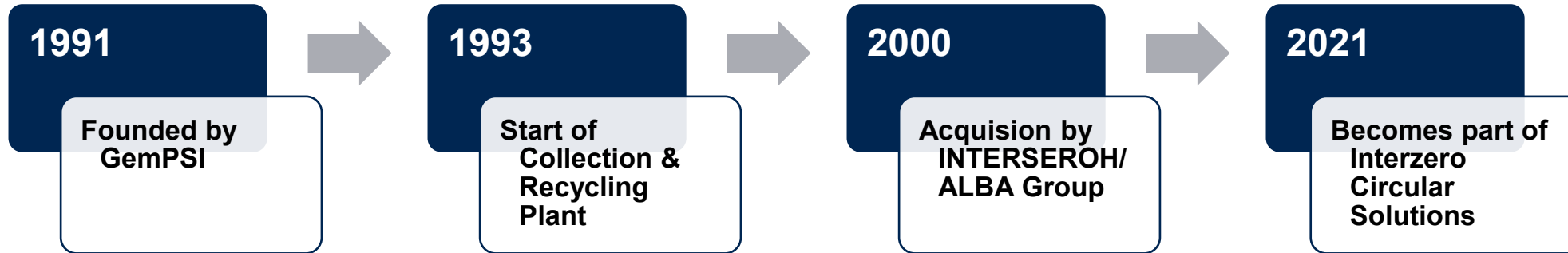
EUROSAC/ CEPI Eurokraft Webinar „Paper Sacks Go Circular“
13.12.2024



Interzero Repasack GmbH

Take-back and recycling system for used paper sacks from industry and commerce

Facts, Figures & Historical Background



70 Paper Sack Producers & Packaging Traders

800 Sack Fillers using REPASACK Trademark

60-70% of German Industrial Sacks in Interzero/Repasack Schemes

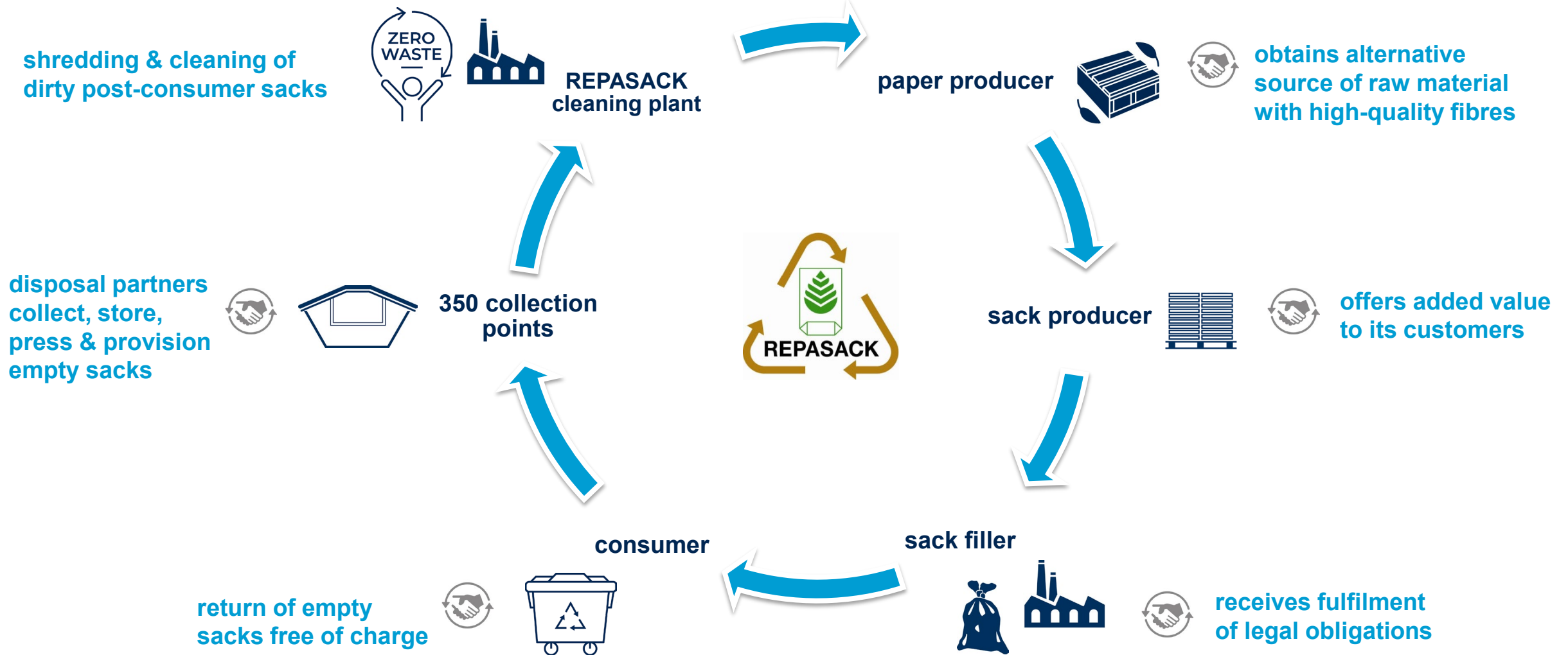
Chemicals
Building Materials
Food, Seeds & Animal Feed
Harmful Substances
Soot & Pigments

350 Collection Points (Bringsystem)

600 Disposal Partners (Pick-up System)



How We Close The Kraft Paper Fiber Cycle

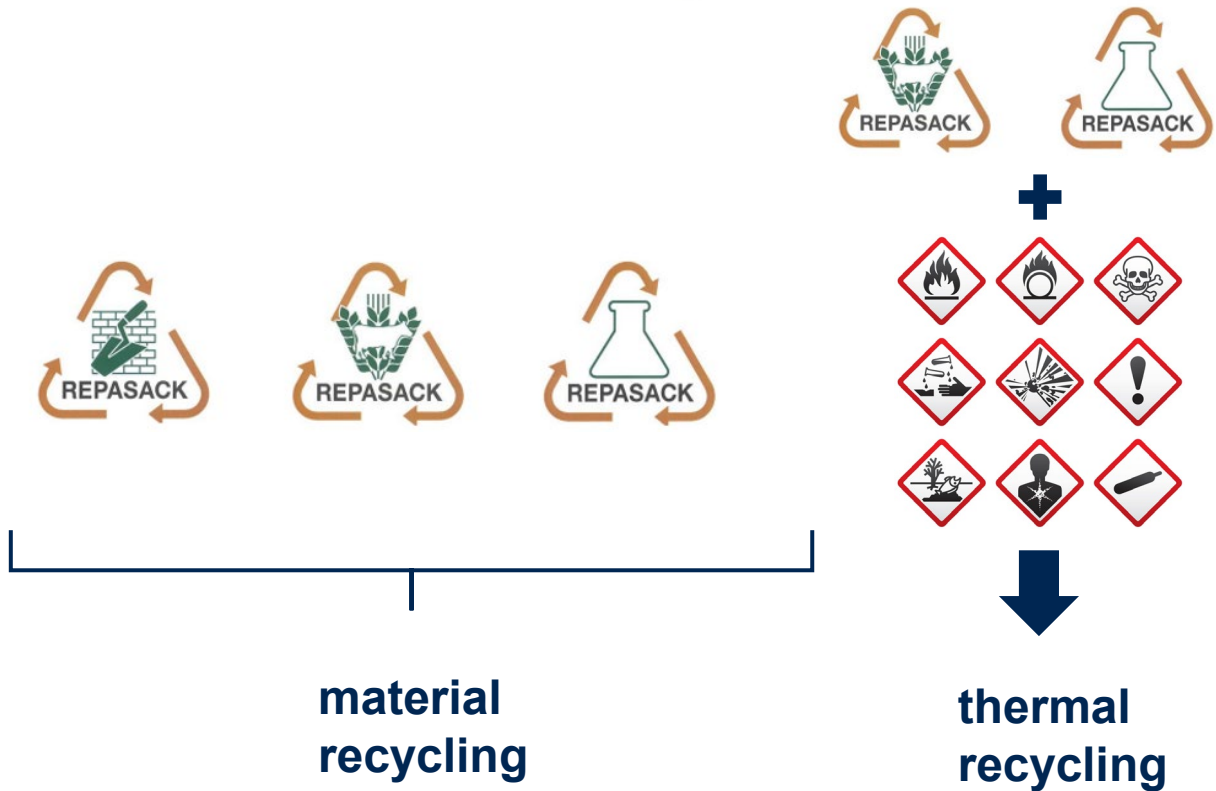


System Participation Requirements



All paper sacks in the scheme must be labelled

- with one of the **REPASACK** symbols and
- a customer specific **registration number**.



Bringsystem Collection

At the disposal partner's site, the post-consumer sacks need to be:

- sorted into filling material/ content categories
- emptied, manually dedusted and dry
- free of impurities and non-sack materials

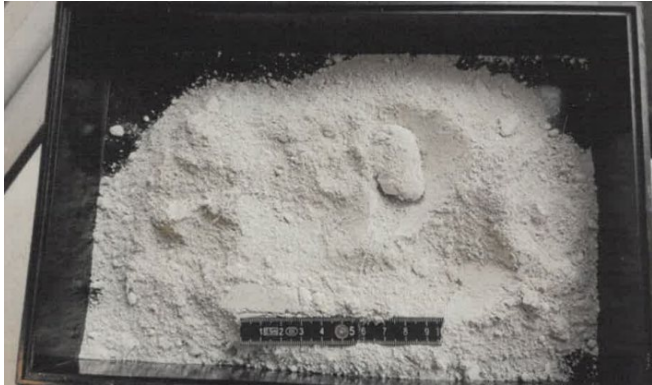
Then the material is pressed into bales.



Why can a separation, shredding and cleaning process be important for material recycling?



Shredding post-consumer sacks helps to **separate paper from plastics**, simplifies **sieving of the product residues** from the sack material and **supports the defibration** of the paper raw material in the pulper.

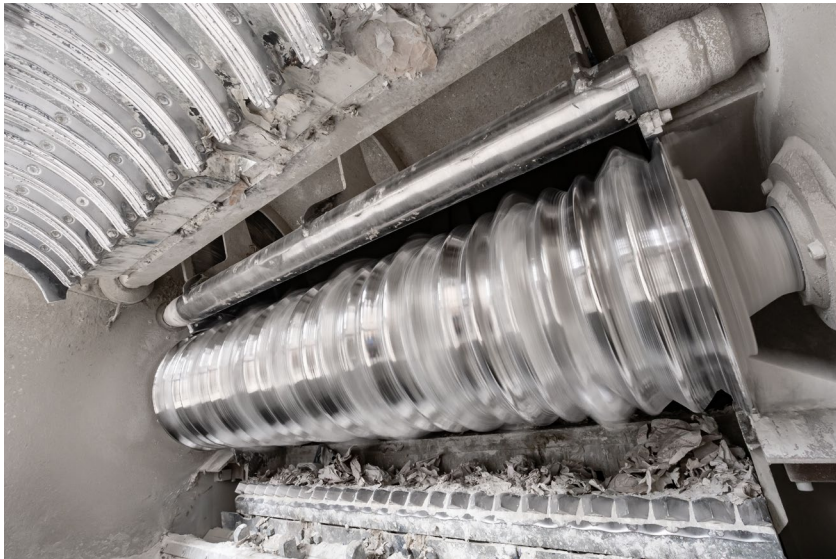


The **removal of residual products below a 5 % threshold** can improve the efficiency of the paper production process and prevent contamination of the paper mills' pulpers.

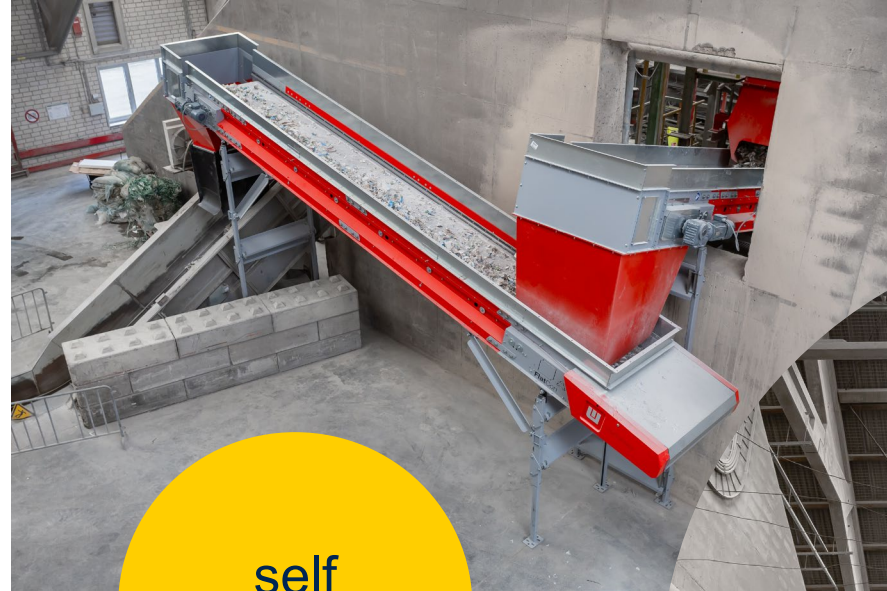
Our Paper Sack Cleaning Plant



worldwide
unique



Our Paper Sack Cleaning Plant



self developed



Annual Certifications For Our Partners



With this certificate, we annually certify your participation in the REPASACK System.

It serves as **proof of the legally compliant discharge of your obligations** from VerpackG §15 (3).



Shows your individual resource and greenhouse gas savings for the past year.

Thanks to Repasack paper sack recycling, **7,050 tons*** of greenhouse gases were not emitted in 2023.



* Annual study by Fraunhofer Institute UMSICHT



interzero[®]
zero waste solutions

Thank you for your attention!

Interzero Repasack GmbH

Summary

Paper sacks in the loop

REPASACK: Take-back and recycling

Legally compliant, nationwide, straightforward:
Interzero's closed-loop solution for your paper sacks

Our service

- Take-back of paper sacks for manufacturers, fillers and consumers
- 350 free-of-charge collection points in Germany
- Recycling in our own plant

Your benefits

- We take care of the obligations under the German Packaging Act (VerpackG) (including all legal documents and documentation)
- Proactive solution for potential disposal problems of your customers





Around 350
collection
points

Paper sack recycling

REPASACK – a success model

We close the paper fibre loop by efficiently recycling paper sacks.

Our facility in Oberhausen

- Collection and processing in our own recycling plant - the only one in Europe
- Legally compliant collection pursuant to the German Packaging Act
- Return of raw materials to the paper industry
- Proof of proper recycling with a recycling certificate
- Nationwide logistics network with around 350 collection points in Germany
- Worldwide network of cooperation partners from the paper sack industry

Your personal contact

Thanks for your attention!



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www.interzero.de/repasack

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zero waste solutions