

# Interzero Repasack **GmbH**

Paper Sack Recycling in Germany since 1991



**EUROSAC/ CEPI Eurokraft Webinar "Paper Sacks Go Circular"** 13.12.2024

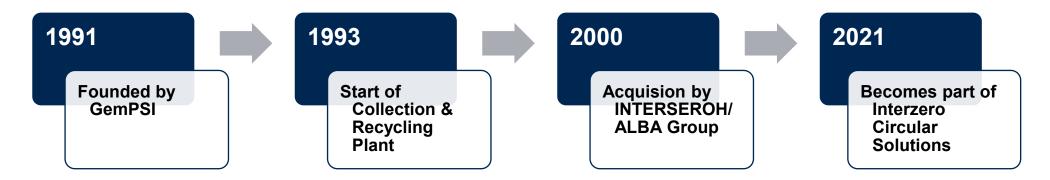


# Interzero Repasack GmbH

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

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

350
Collection Points (Bringsystem)

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

**600**Disposal Partners (Pick-up System)



## How We Close The Kraft Paper Fiber Cycle



shredding & cleaning of dirty post-consumer sacks





paper producer



obtains alternative source of raw material with high-quality fibres



disposal partners collect, store, press & provision empty sacks

13.12.2024



350 collection points







offers added value to its customers









sack filler





receives fulfilment of legal obligations

return of empty sacks free of charge





interzero **ALBA** Group Asia

Interzero Repasack GmbH

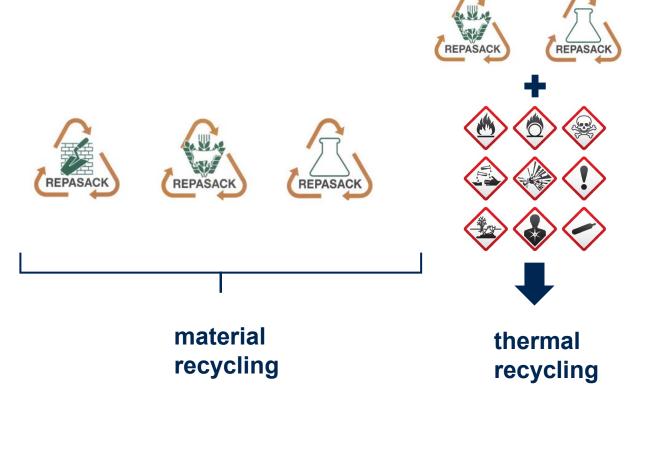
## **System Participation Requirements**



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.





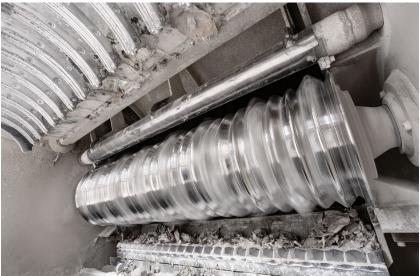
The **removal of residual products below a 5 % threshold** can improve the efficiency of the paper production process and prevent contamination of the paper mills' pulpers.

# **Our Paper Sack Cleaning Plant**









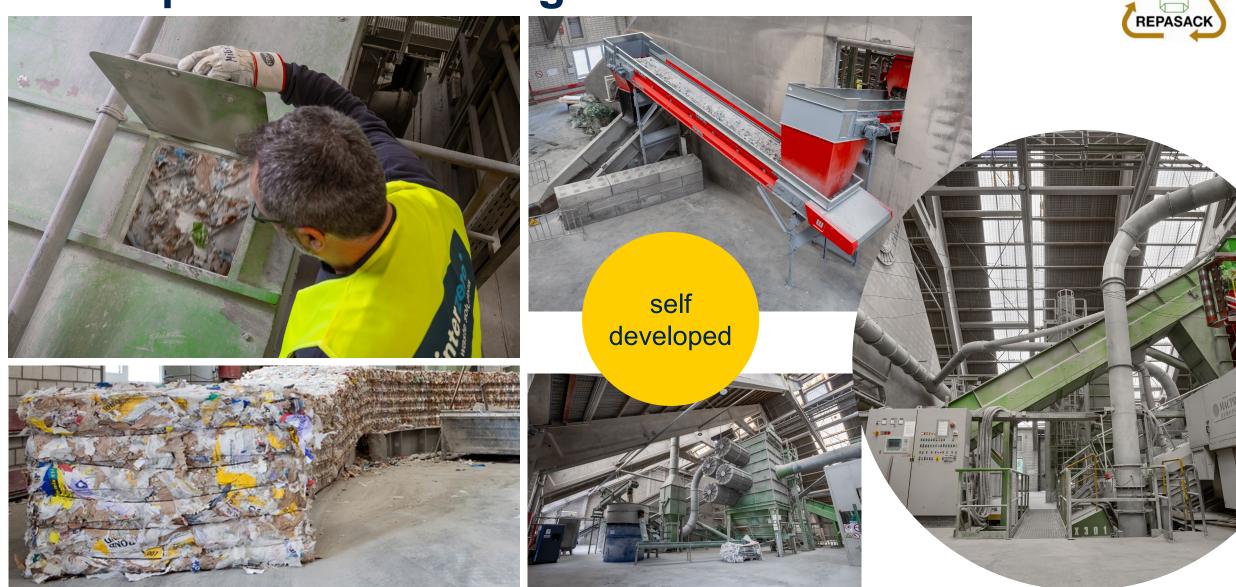








# **Our Paper Sack Cleaning Plant**



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### **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).



Recycling-Certificate 2024

The company

Musterkunde

concluded a contract with the registry no. with Interzero Repasack GmbH Thereby it is ensured that from 01.01.2024 until 31.12.2024.

- emptied paper sacks and bags as well as composite paper sacks and bags are accepted at the points of acceptance of the REPASACK waste disposal contractors,
- accepted paper sacks and bags as well as composite paper sacks and bags are disposed of properly and therefore
- all requirements of the Packaging Act (VerpackG) are entirely complied with.

Through our recycling we close material cycles together and work towards our vision of a world without waste!

Interzero Repasack GmbH

Alexander Maak
Managing Director of
Interzero Circular Solutions Germany G

Sven Korsten
Managing Director of

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.





<sup>\*</sup> Annual study by Fraunhofer Institute UMSICHT





# 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

13.12.2024 | 13 | Interzero - Zero Waste Solutions



## 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

# REPASACK

#### Thanks for your attention!

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