# coperion

# Confidence through partnershi **COPERION RECYCLING** ROADSHOW JAPAN OCT 2024

Roadshow Japan Oct 2024

Kenji Baba

Sales Manager

# For more recycling of all kinds of plastiship Ø all kinds of plastiship

# Business Unit Recycling

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## **Optimized and Closed Plastic Value Chain**

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Key words: Circular Economy, Sustainability, Energy Savings

A circular economy keeps materials and products in circulation as long as possible. Coperion has a system-focused approach starting with the design of our equipment to maintain their flighest value for as long as possible and aims for the elimination of waste during operation for high quality products.



Design for Value with optimized CO<sub>2</sub> Footprint

Sweet Energy Consumption during Operation

Zero Waste Strategy during Operation

**Optimized Process Chain from PCR to Pellets** 











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#### FilCo – Energy Efficient – High Quality – Less Space coperion Filco = Filtration Compounder Filtration and Compounding of pre-washed and sorted PCR streams in **Two-time** Innovation one process step Award Winner - Melting and blending of different polymers, discharging the melt from the twin screw and **returning** the filtered melt - Adding of coarse fillers, fibers or cross-linking additives such as coperion peroxide after filtration LASTIC SUSTAINABILITY The Plastics Show Produ INNOVATION Coperion's FilCo was voted "Product of the Year" in the category "sustainability" coperion patent pending





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Reuse instead of virgin PE









Recycling Business by Coperion



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#### Business Unit Recycling – Why we are the right partner

Coperion, Schenck and Herbold – a new level of expertise in plastics recycling

#### What makes Coperion Recycling unique and the best partner:

- We are **bringing strong brands** in size reduction, washing/drying, compounding and materials handling **together** to offer the recycling industry best in class processes.
- We **serve you globally** with strong sales, engineering, production and service capabilities.
- Our **high in-house production** rate allows for targeted product development.
- Long lasting experience and process know how in plastics and plastics recycling.
- One stop shop starting from equipment up to entire turnke plants
- Provider of tailor-made solutions for all recycling processes.
- Food-grade PET bottle-to-bottle references with brand approval with our SSP partner
- **Recycling Innovation Centres** in Europe and testing facilities around the world to support our customers.

Industry leading technology

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## そんがのい Best Total Cost of Ownership

### Worldwide support

Our unique selling points include high throughput, high end product quality, high yields, low overall resource consumption, design for 24/7 operation at highest availability

# FOR TOMORROW

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We constantly learn and improve! To better support our customers and partners

#### Contact

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# Confidence through partnershi THANK YOU VERY MUCH FOR YOUR ATTENTION.

You're very welcome to follow us.

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