

BEWI Circular

Leading the way towards a
circular economy

BEWI



BEWI

Our vision

Protecting people and goods for a better everyday

Our mission

To create value by offering sustainable
solutions for packaging, components, and
insulation in innovative and efficient ways.



Who we are

BEWI

BEWI is a leading provider of packaging, components, and insulation solutions.

Sustainability is integrated throughout the value chain – from the production of raw materials and end goods to the recycling of used products.



BEWI Group

BEWI



- Leading market positions in selected European markets
- Broad customer base within food and pharmaceutical packaging, automotive components, thermal insulation, and other energy efficient solutions
- Established **BEWI Circular** in 2018 to lead the industry's way towards a circular economy
- Listed at the Oslo Stock Exchange



EUR ~1 015m¹

Annual net sales

EUR ~91m¹

Adj. EBITDA

~75²

facilities

~3,100

dedicated employees

~280kt

production capacity

~38kt

EPS collection capacity

~120kt

waste streams

Notes: 1) 2024 2) Including minorities

~110

dedicated employees

7

facilities



CIRCULAR

Responsible for BEWI's collection and recycling of EPS

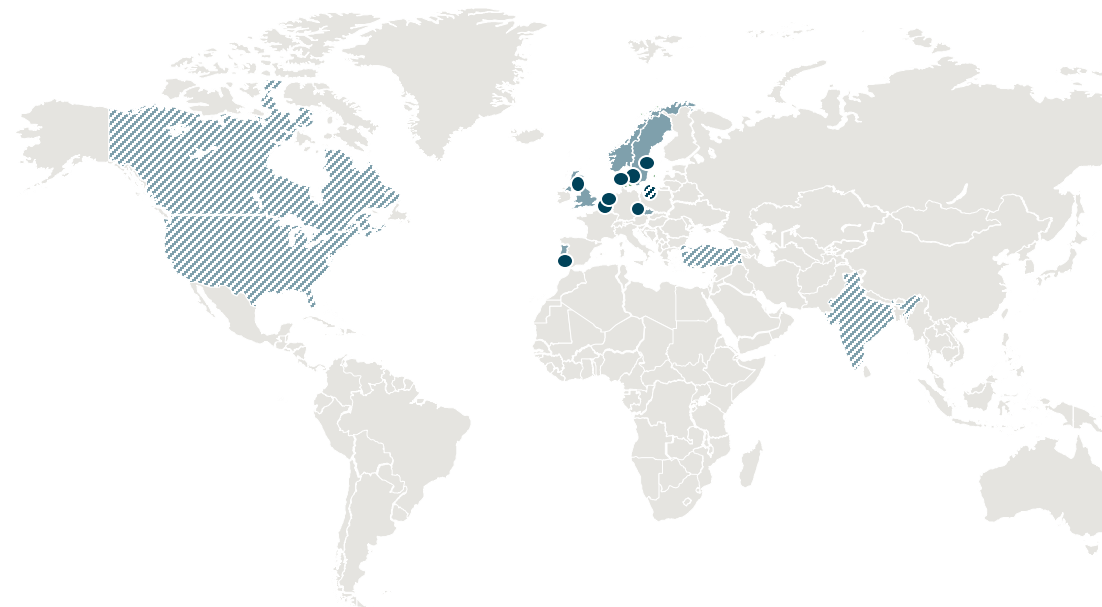
BEWI Circular is responsible for increasing BEWI's collection and recycling of used EPS, aiming at making BEWI a circular company

Circular offers different solutions for waste management and collection of used material, as well as offering a range of recycled materials.

Production capacity of 3000 tonnes per month of recycled General-Purpose Polystyrene (rGPPS)

Sources of collection includes the seafood industries, logistic platforms, and industrial waste

BEWI



Circular brands:



Solutions



A wide portfolio of products and solutions



Collection



Processing



Trading

BEWI Circular offers a range of solutions, each designed with the environment in mind. From collection and waste management solutions, to recycling and trading of used materials. Our offering is suited for a wide range of industries, including:



Municipalities



Retail markets



Fish markets



White goods



Recycling centers



EPS/XPS converters



Waste management



Logistic centers

Collection



Waste management and collection of used material

We tailor each waste management solution to our customers need, recycle the materials and create new products from the used material.

BEWI Circular offers a comprehensive solution for the collection and compaction of Expanded Polystyrene (EPS) waste, catering to both large and small volume suppliers. Through partnerships, rental of compaction equipment, and subscription-based services, BEWI facilitates a wide range of services.



**Rental and sales of
compaction equipment**



**Collection and
compaction service**



**Collection and
compaction partner**



Processing



Sustainable sourced products from recycled materials



Recycled GPPS - A versatile and sustainable material

Recycled GPPS (rGPPS) is our answer to sustainable material needs. Made from recycled EPS, rGPPS is a testament to our commitment to a circular economy, offering a closed-loop solution that minimizes the need for virgin resources.



RcBeads - Light, insulating and versatile

The rcBeads are produced by shredding and milling used EPS. We don't add any new substances in the recycling process and extract pollutants and dirt with centrifugal power. This makes the beads exceptionally clean without breaking down the EPS structure.



EPS blocks

The production of our EPS blocks involves compressing recycled EPS without introducing new compounds, ensuring purity and performance

Trading

A broad spectrum of trading services, dealing with a variety of materials

- **Plastics**
 - Specializing in trading different types of plastics including EPS, PE, EPP, PP, and PET, suitable for a wide range of applications from packaging to automotive components.
- **Metals**
 - Dealing in various metals, catering to the needs of manufacturing, construction, and other sectors.
- **Paper and cardboard**
 - Trading in paper and cardboard materials, essential for packaging, recycling, and other industrial uses.
- **RcBeads**
 - Offering specialized trade services for RcBeads.



Global network:

Leveraging a strong global network to ensure efficient trading operations.



Sustainability focus:

Emphasizing sustainable practices in trading activities, aligning with the circular economy model.



Customized solutions:

Tailoring trading services to meet the specific needs of different industries and clients.

Certifications

BEWI

Environmentally responsible and quality-assured processes

BEWI is certified through the **RedCert²** scheme. This certification not only supports a more sustainable manufacturing process but also contributes to the global effort of reducing environmental impact.

Our products are certified with Environmental Product Declarations (**EPDs**). These EPDs provide transparent, verified information about the lifecycle environmental impact of our products, from raw material extraction through manufacturing, usage, and disposal.



Our strenghts



Why choose BEWI as your partner

- **Global presence**
 - Our presence in multiple countries ensures reliability and proximity to customers, enhancing supply security.
- **Extensive collection network**
 - We have our own collection, ensuring a steady and reliable inflow, maintaining control over feedstock.
- **Quality assurance**
 - We adhere to established control processes and our recycled GPPS undergoes a process of fine filtration, emphasizing our commitment to delivering great quality.
- **Expertise in application**
 - As part of the BEWI Group, we leverage extensive experience across various applications, contributing to our understanding and innovative application knowledge.



BEWI
for a better everyday

The process

A closed loop for EPS



Case story - Morpol

BEWI

A closed loop for BEWI's fish boxes



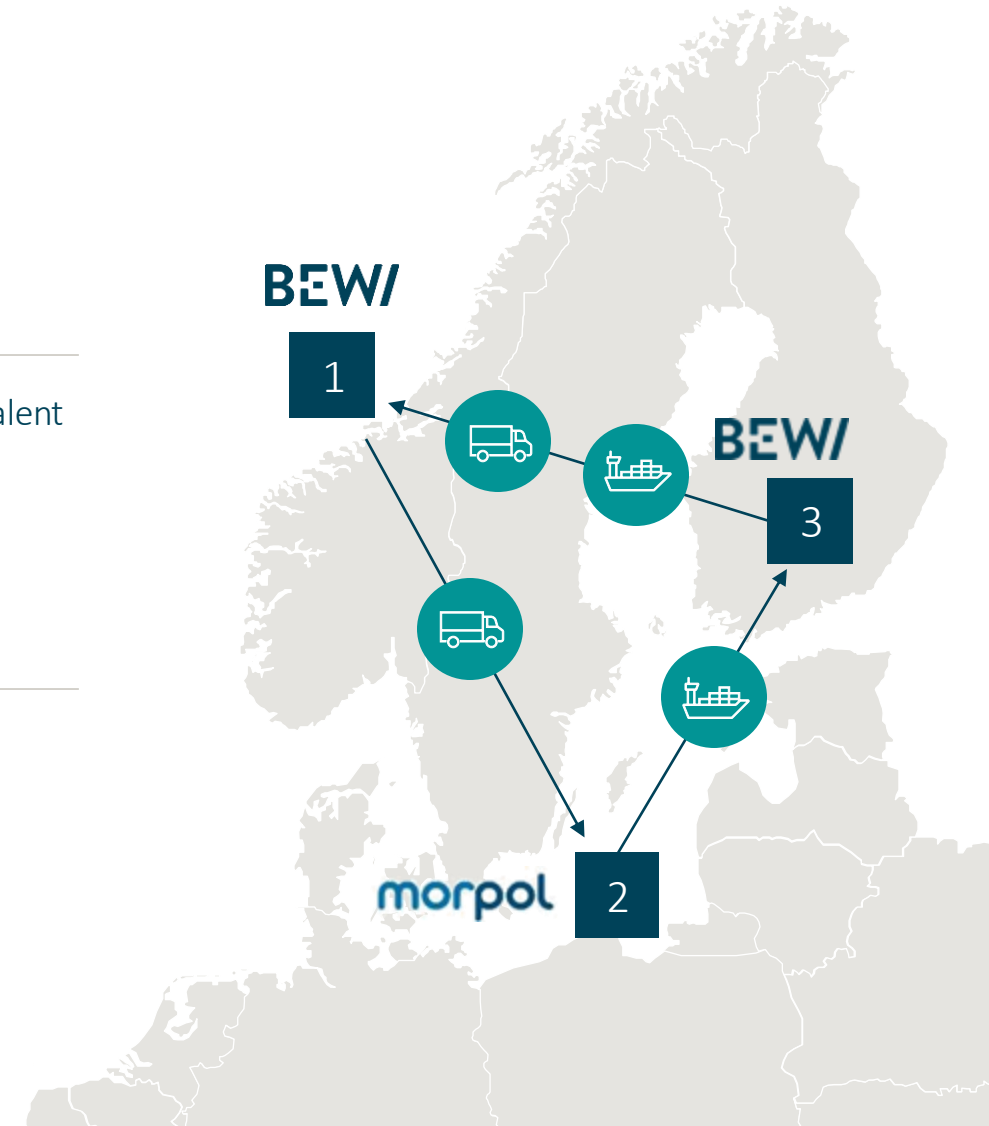
- Fish boxes produced at a foam conversion plant at Frøya, Norway and delivered to salmon farmers/ slaughters
- Salmon is shipped to Poland for processing



- Morpol receives ~5 million fish boxes annually, the equivalent of ~2,500 tons of EPS
- Fish boxes are compressed and processed to granulates
- Granulates are shipped to BEWI's RAW facility in Porvoo, Finland



- RAW facility in Porvoo receives EPS granulates
- EPS granulates are converted into beads
- Beads are shipped to Frøya or other locations



Our products



Recycled general-purpose polystyrene (rGPPS)

At BEWI, we are dedicated to giving waste a second life.

By transforming used EPS and XPS materials into rGPPS, we are creating a sustainable solution and closing the loop.

This closed-loop system significantly reduces the need for virgin resources and aligns with our commitment to a circular economy. The versatility of rGPPS is unmatched. Its exceptional heat resistance makes it perfect for injection molding and extrusion applications. At BEWI, we utilize rGPPS as a raw material in the production of new EPS and XPS boards, which are incredibly beneficial for building insulation. Our success with rGPPS is evident at our BEWI RAW facilities.

The utilization of recycled general-purpose polystyrene has allowed us to create new EPS materials that uphold our high standards of quality and sustainability.



BEWI Group's integrated business model



BEWI Circular in cooperation with BEWI RAW

EPS is a versatile material used for various applications including packaging, insulation, car parts, and more.

EPS is 100% recyclable.

Through BEWI's Circular division EPS waste is collected, compacted, reprocessed and sent to BEWI Raw for reuse.

BEWI RAW has opened a new center for the use of recycled feedstock in Etten-Leur, Netherlands. The new center allows for the processing of up to 25,000 tonnes of recycled EPS annually. The recycled EPS can be used for new applications.

This strengthens BEWI's capacity for use of recycled material and production of grey EPS.

The goal is to improve resource efficiency and reduce the CO2 footprint for customers and society and support Zero Water policies.

Reusing materials is an important aspect of a circular economy and we at BEWI know how to close the loop and meet sustainability goals.



From EPS blocks to rGPPS

BEWI

