



AST.



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Family-owned



since 1977



16 locations in
Europe

A company that closes the entire loop:

We are AST. Kunststoffverarbeitung — a family-owned company headquartered in Erndtebrück and a trusted partner to the industry since 1977. With 16 locations throughout Europe, we are now one of the leading providers of forward-looking industrial packaging.

Our focus is on the development and production of high-quality plastic packaging, particularly canisters and drums. We combine our many years of experience with state-of-the-art manufacturing technologies and a clear commitment to quality.



Returning



Recycling



Reconditioning

But our expertise extends far beyond mere manufacturing: With our own take-back system, Cipacks, we offer a comprehensive, closed-loop system for sustainable packaging solutions.

This enables us to efficiently collect, recycle and reuse packaging — and combine environmental responsibility with economic efficiency.

CIPACXS®
POWERED BY **AST.**



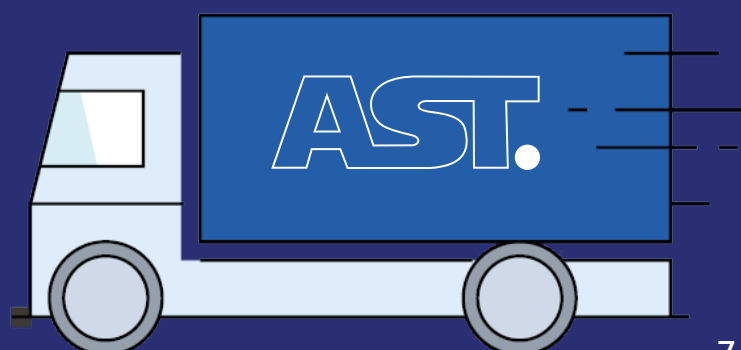
Our products are known for their exceptional quality. We use only high-performance raw materials, which undergo strict quality controls prior to processing. This standard is consistently ensured by our ISO 9001:2015-certified quality management system. In addition, our containers meet the strict requirements of the ADR and have the appropriate UN approvals.

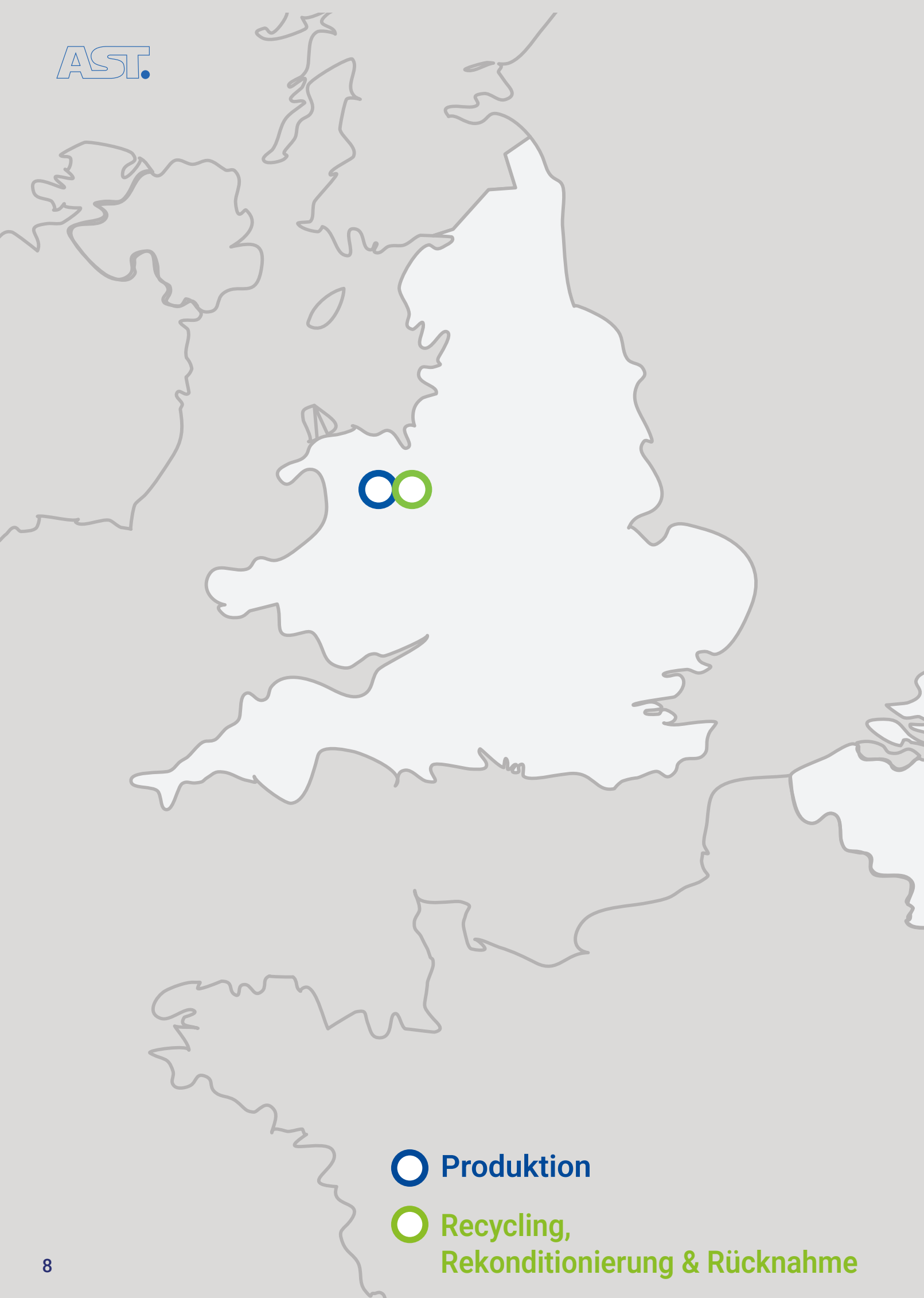
Sustainability is also firmly embedded in our processes: With our ISO 50001-compliant energy management system, we continuously optimize energy use and design our production to be as efficient and resource-conserving as possible.





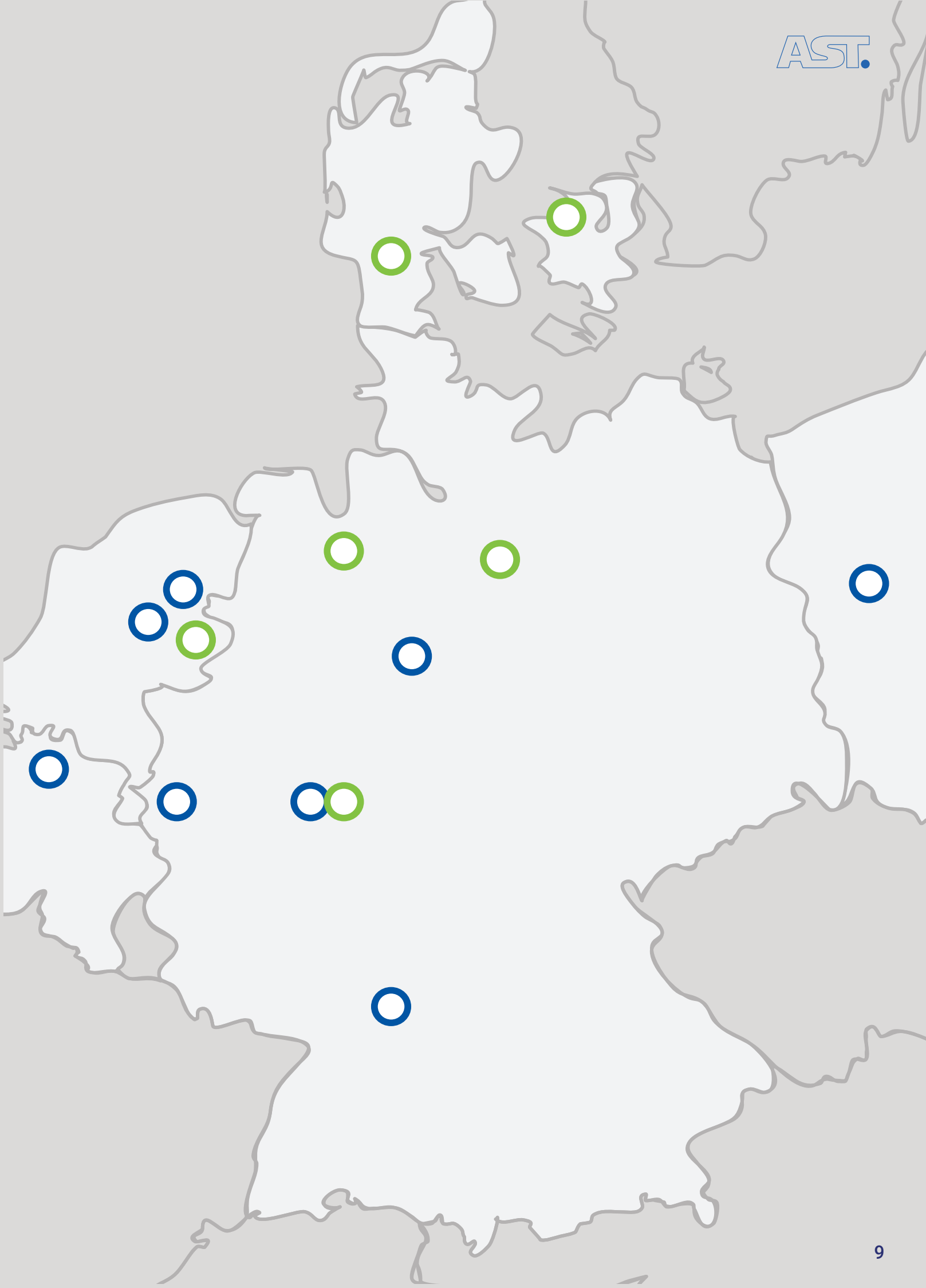
You can always count on our ability to deliver quickly and flexibly – thanks to our large warehouse capacity and a perfectly organized, smoothly running logistics system. On-time delivery and reliability are a given for us. This is supported by our own fleet of trucks, which enables us to supply our customers directly and independently.





 **Produktion**

 **Recycling,
Rekonditionierung & Rücknahme**





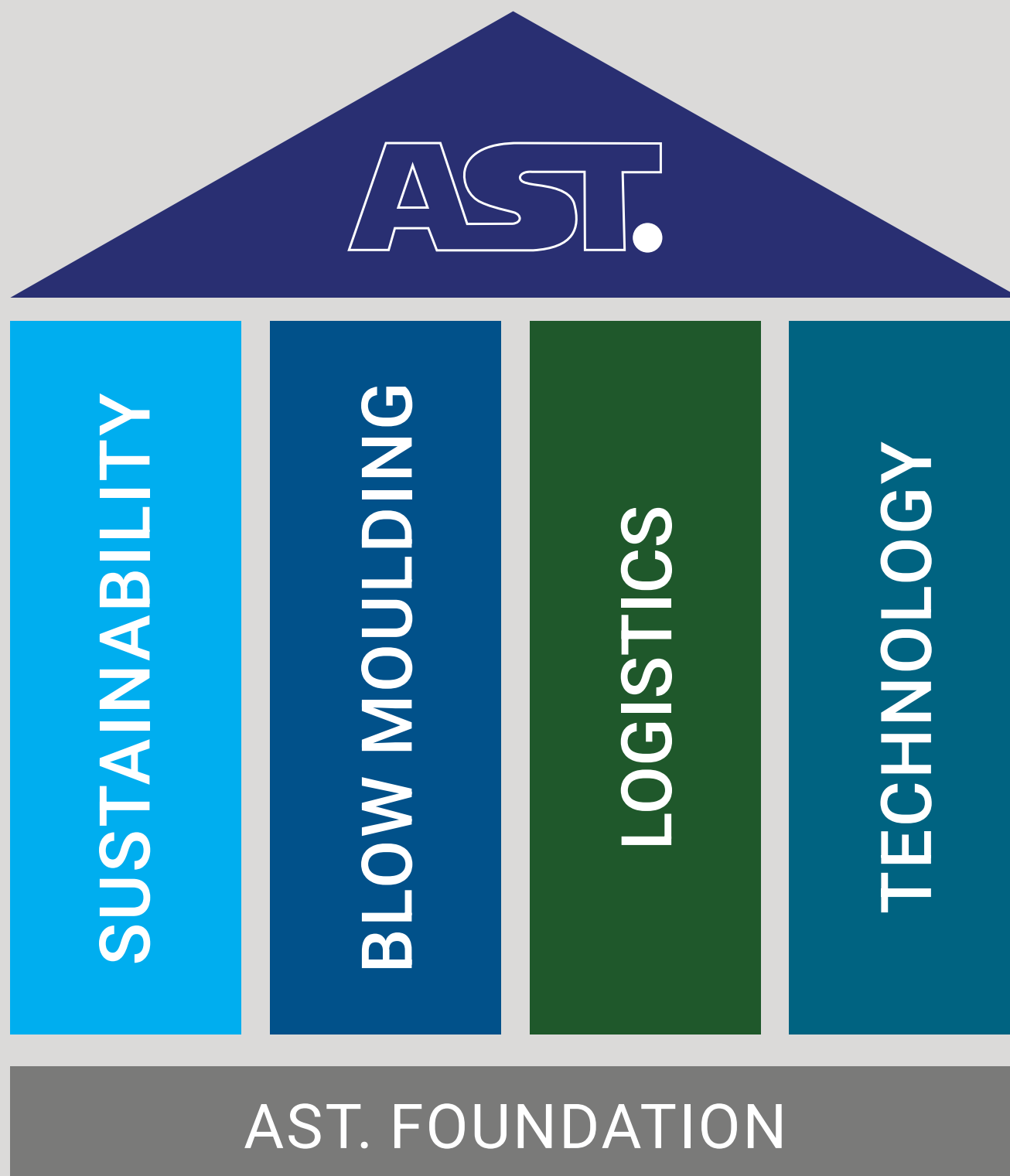
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AST Kunststoffverwertung GmbH
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Sustainability



At the AST Group, we take a global approach to packaging — from production to recycling. Building on our many years of experience since 1977 and our closed-loop system — including our Cipacks take-back program — we offer extensive recycling solutions with a special focus on hazardous materials packaging.

In addition to IBCs and drums, we also accept used canisters and subject them to a clearly structured reconditioning process. The returned containers first go through several stages of inspection, sorting, and reprocessing. Throughout this entire process, we consistently distinguish between hazardous and non-hazardous containers. The containers are then inspected for technical and visual defects, thoroughly cleaned and gently dried.

If reuse is possible, we return the packaging to the cycle. This form of reuse not only offers a significantly better carbon footprint compared to traditional recycling but also provides considerable economic benefits through tangible cost savings.





Containers that can no longer be reused directly are recycled in our own plastics processing facility. Using state-of-the-art shredding, washing, and sorting technologies, we produce high-quality recycled materials. With nine high-performance pelletizing lines and an extrusion capacity of 3.5 metric tons per hour, pellet production is a central component of our business – and the foundation for new, sustainable packaging solutions.

We primarily use the post-consumer recycled material (PCR) produced in our plants under the brand name “ASThene” at our own production sites. In addition, we are increasingly offering our steadily growing ASthene portfolio on the open market. We ensure the quality of our recycled materials in our own state-of-the-art on-site laboratory. For UN-approved PCR materials, we also hold certification from the BAM. Our quality standards are further reinforced by recognized certifications such as BVI, EFB, and ISCC+.

In this way, we consistently close the loop – safely, sustainably, and economically efficiently.





Certified Expertise

As a recognized specialist, we meet the highest regulatory requirements:

- BAM-accredited facility according to GGR 001 & GGR 002

for the preparation, testing, and inspection of packaging for hazardous materials

- Certified Waste Management Company
- Audited by the BVI

Your benefit: Maximum legal certainty and verified quality throughout all processes

Everything from a single source

We manage the entire process efficiently and transparently:

- Organization of the return of all types of containers
- Transportation solutions - including directly from your end-customers on your behalf
- Complete documentation and traceability

Your benefit: Reduced complexity and minimal coordination effort

Focus on Reuse

Sustainability begins with extending the life cycle:

- Professional Processing and Reconditioning
- Industrial Cleaning
- Testing and Inspection in Accordance with Regulations
- Complete Documentation

Your benefit: Lower costs and an active contribution to the circular economy

Mechanical Recycling at the Highest Level

If reuse is no longer possible:

- Production of high-quality recycled materials under the ASThene brand
- Suitable for use in new packaging for hazardous materials

Our Technology:

- High-temperature washing
- Color sorting
- Extrusion
- In-house materials testing lab

Your benefit: Certified recycling quality and guaranteed reusability

Responsible Recycling

- Thermal Recovery
- Collaboration with Certified Partner Companies

Your benefit: Environmentally safe disposal in accordance with legal requirements.



Your benefits at a glance

- Certified Security and Compliance
- Sustainable Circular Economy Solutions
- Economic Efficiency
- Transparent Processes
- Customized Customer Solutions



A large industrial machine, the CIPACXS, is shown in a factory setting. It features a complex system of pipes, metal frames, and a large rotating drum. Two blue mist or smoke effects are added to the image, one near the top left and one near the bottom center, creating a sense of motion and process. The machine is primarily blue and silver, with a blue railing on a platform above it. The background shows a typical industrial ceiling with corrugated metal and a single light fixture.

We close the entire loop!

AST.

CIPACXS®
POWERED BY **AST.**





As a manufacturer of modern plastic packaging, we take responsibility for the future. With Cipacks – Circular Packaging Solutions, we offer an innovative return system and consistently close the entire life cycle of industrial packaging into a closed loop.

Cipacks is the system developed by AST that covers the entire process – from delivery to return to the reprocessing of the packaging. In this way, we enable a sustainable and efficient circular economy for industrial packaging solutions.

The digital Cipacks app makes it easy to organize returns, manage inventory transparently, and coordinate pickups efficiently. The result is maximum transparency, optimized processes, and a consistently resource-efficient approach to industrial packaging.

