



Sustainability & Responsibility

ORAFOL Europe GmbH

www.orafol.com

2026



COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV

ISO 9001 • ISO 14001
ISO 45001 • ISO 50001



Agenda

- 1 What does sustainability mean at ORAFOL?
- 2 Economy: Growth at ORAFOL
- 3 Ecology: Contributing to the Environment, Climate, and Resources
- 4 Social: Corporate Values and Social Engagement



What does sustainability
mean at ORAFOL?

1

We take responsibility

Responsibility is in our DNA.

As a family business, we know that our economic, ecological and social corporate values must be considered together and in balance.

To be successful in the future...

... we continue to develop our company in line with our guiding principle,

... we are continually improving our performance,

... we invest in our employees and their expertise,

... we certify our products and manufacturing processes

... and we are consciously investing in environmental sustainability with the aim of continuously reducing emissions.



We win awards for it

STRATEGY

- Development using formal methodology
- Implementation with the right skills and key figures
- Clear and consistent communication

PRODUCTIVITY AND INNOVATION

- Developing valuable skills and resources
- Implementation competence
- Support from competent employees



CORPORATE CULTURE AND VALUES

- Strong corporate culture
- Active development of employees and managers
- Comprehensive remuneration system

GOVERNANCE AND FINANCES

- Effective corporate governance structures
- High liquidity and equity ratio
- Financial discipline leads to steady performance growth

Sustainability is diverse at ORAFOL in Oranienburg...

ECONOMICS

ORAFOL pays particular attention to an optimised manufacturing process in order to develop durable products. The ultimate goal is to provide energy-efficient solutions with optimised use of raw materials while maintaining the highest quality standards. We continue to make investments in production infrastructure and digitalisation to this end.

ECOLOGY

Energy-efficient production as well as ecological planning and construction are top priorities at ORAFOL. The company continuously invests in environmental technology. The concept of sustainability is also reflected in the planning and design of company sites in particular.

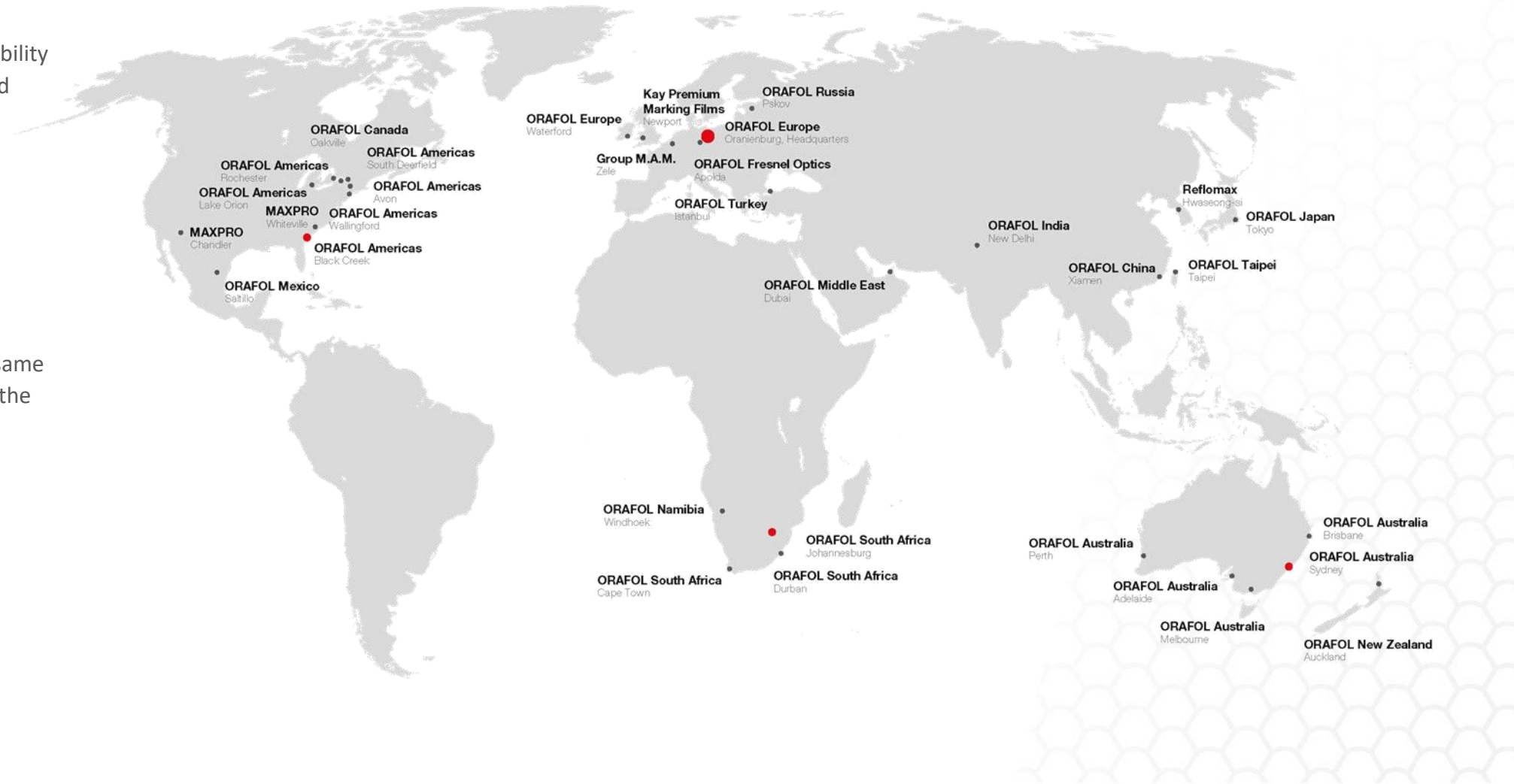
SOCIAL

ORAFOL's social responsibility towards its employees and society is reflected in its diversity of opportunities and fairness. Framework conditions for the protection and well-being of the workforce promote their creativity. Because the company's success is based on people with a variety of knowledge and experience, who make a profitable contribution to ORAFOL.

... and around the world.

We are investing in the sustainability of the company – in modern and energy-efficient building and plant technology and in the digitalisation of our processes at the headquarters in Oranienburg.

All 19 ORAFOL subsidiaries consistently strive to meet the same high sustainability standards as the parent company.



ECONOMICS

We continuously invest in our company –
for stable and long-term growth.

2

Growth at ORAFOL

“We refine plastics using complex technological processes that give them completely new properties. We develop innovative solutions on this basis that are used across all continents. Our ambition is to be at the forefront around the world.”

Dr. Holger Loclair, *Chairman & CEO ORAFOL Group*

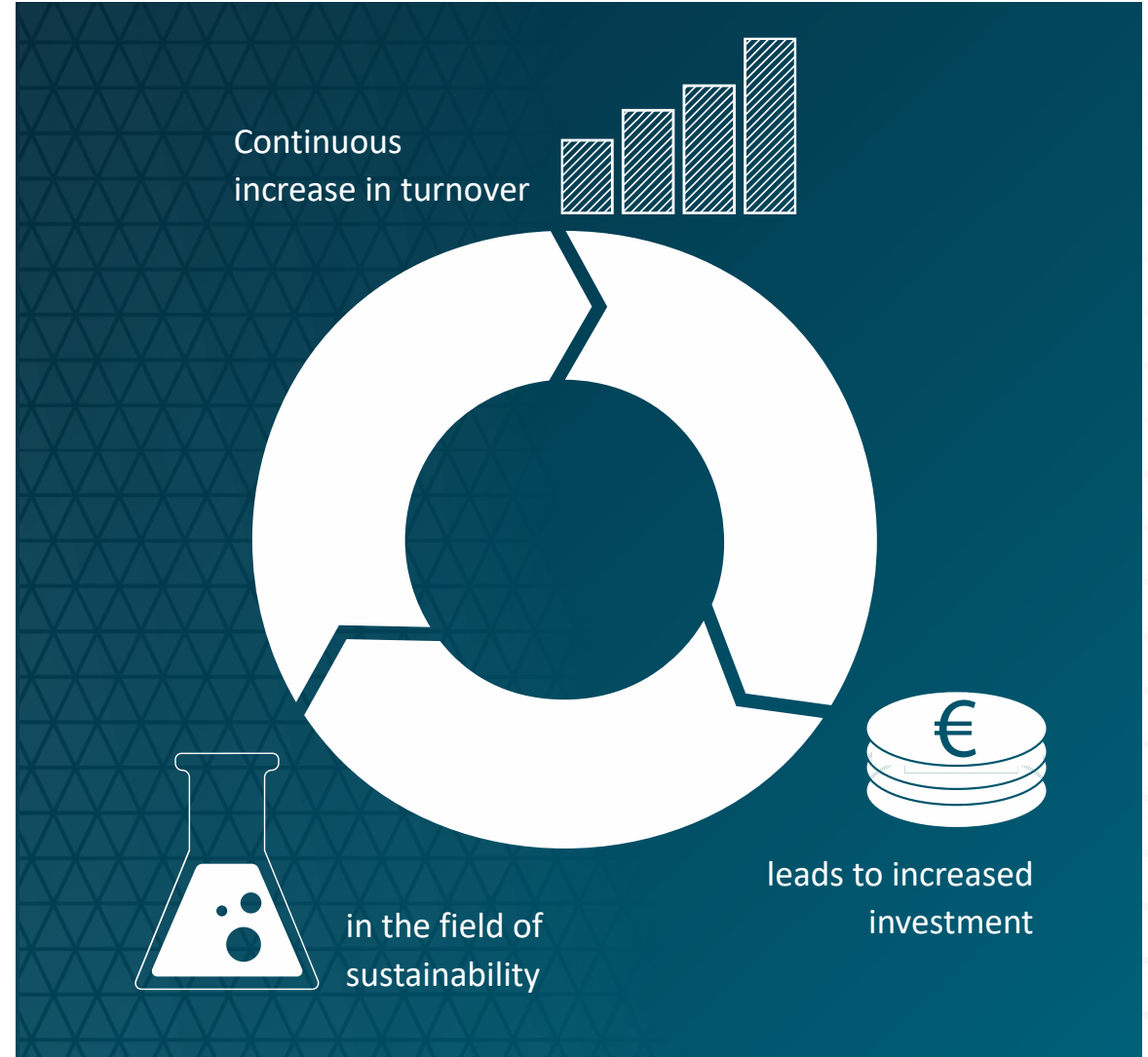


Sustainable business

Thanks to steady economic growth, ORAFOL is continuously investing in **digitalisation and optimisation processes** – for greater sustainability.

These **investments and innovations** facilitate more efficient use of energy and raw materials.

In turn, the resulting **savings in resources and material consumption** lead to efficient and sustainable business



ECOLOGY

We reduce emissions by optimising efficiency
between energy use and output.

3

Our Contribution to the Climate, Environment and Resources



Unternehmensnetzwerk
KLIMASCHUTZ
Eine IHK-Plattform



Part of corporate responsibility is the judicious use of resources and avoidance of negative impacts on the environment.

Our measures involve the entire value chain – from development and production through to shipping of our products.

As a member of the German Chamber of Industry and Commerce's Climate Protection Business Network, we demonstrate just how important knowledge transfer is in this context.

See for yourself:

[Responsibility: ORAFOL Corporate](https://www.orafol.com)



We're scaling back continuously...

... emissions – by optimising efficiency between energy use and output.

- Increasing plant productivity while reducing energy consumption per production volume
- Increasing the degree of digitalisation in process control and monitoring
- Optimal use of energy through the most effective and modern manufacturing processes and logistics



We measure up.

- ISO 9001: certified **quality** management system*
- ISO 50001: certified **energy** management system*
- ISO 14001: certified **environmental** management system*
- ISO 45001: certified **health** and **safety** management system*

*in accordance with the official standard

Environmental Goals for 2026

at the Oranienburg Headquarters

-1%

Energy consumption
per running meter

-0,6%

Gas consumption
per running meter

-3,75%

CO₂ emissions

-5,8%

Waste Reduction



Measures & Results for 2025

at the Oranienburg Headquarters

- Retrofit of a Heat Recovery System for an afterburner
- Replacement of the ceramic packing in an afterburner
- Energy-Efficient Retrofit of Exhaust Systems
- Installation of energy-efficient LED lighting

Total annual CO₂ savings: approx. 560 t/a

- Starting in 2026, use of bio-ethyl acetate
(estimated savings: approx. **1,300t of CO₂ /a**)



Sustainable strategies in our departments



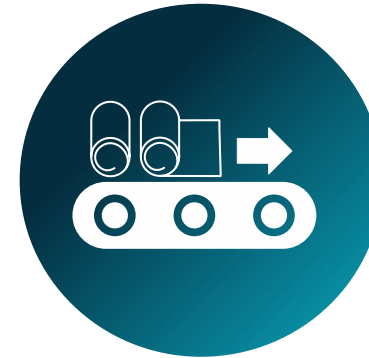
Research &
Development



Engineering &
Technology



Purchasing &
Logistics



Production &
Quality



Sales &
Service

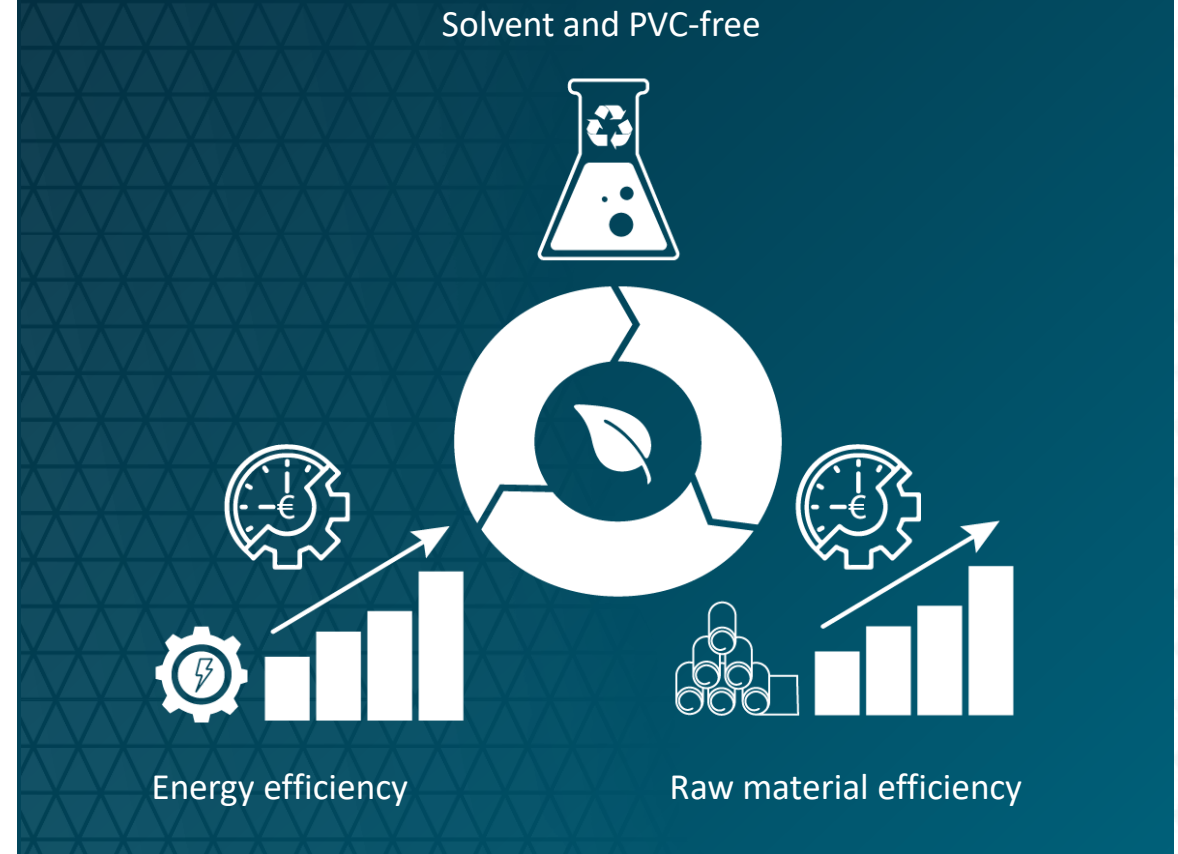
Research & Development

ORAFOL is constantly developing and testing new raw materials and formulations, with their impact on the environment in mind. The focus is on developing **solvent-free, environmentally friendly pressure-sensitive adhesive systems** and high-quality alternatives to PVC-containing products.

- All components used are **REACH & RoHS compliant**
- **Raw material efficiency** thanks to optimal use of resources and the use of low-emission alternative raw materials, such as bio-ethyl acetate
- **Energy efficiency** thanks to long product and material life

Example:

Continuous reduction of environmental impacts is already part of the development process.



Engineering & Technology

International standards are the framework for systematic environmental and energy management at ORAFOL.

- **ISO 50001:** improving energy efficiency by saving energy and fossil resources using state-of-the-art and energy-efficient technologies
 - Coupling of thermal oil plants and insulation of their fittings **saves up to 3,500 Nm³ of natural gas per day**
 - Saving electrical energy by consistently **replacing older components with new, more energy-efficient models**
- **ISO 14001:** active environmental and water conservation through a comprehensive and legally compliant preventative system

Example:
Reducing energy consumption through plant optimisations



- Continuous optimisation measures in the waste air treatment plants and process heat supply
- Energy savings through improvements to combined heat and power systems

Purchasing & Logistics

ORAFOL relies on **long-standing partnerships** with qualified, approved suppliers, logistics partners and disposal companies.

- **Selection of sustainable suppliers** with regular checks and audits
- **Fair working conditions and high social and environmental standards** are prerequisites for supply partnerships with ORAFOL
- Short, efficient material flows at the production site using **emission-free intralogistics**

Example:

Sustainable supply chain thanks to partnerships with local partners

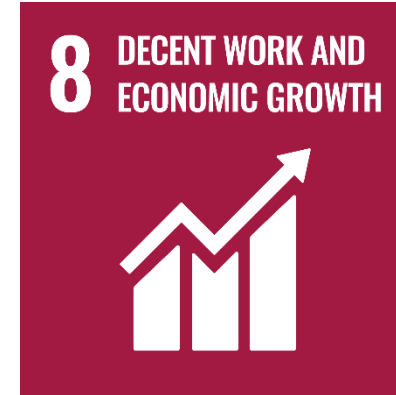


Purchasing & Logistics

The 4 SDGs of the Purchasing Strategy

ORAFOL's Purchasing & Logistics department decided early on not to view the legal framework merely as an additional bureaucratic burden, but to use it as an **opportunity**.

As a result, the division is becoming more digitized, networked, and global. Furthermore, negotiations with suppliers and service providers can now go beyond mere price considerations to include strategic and sustainable aspects that support mutual, longterm economic growth.



Purchasing & Logistics

The Objectives of the Purchasing Strategy

Sustainability in the Supply Chain

- Reduction of working hours, downtime and waiting times (= social standards), as well as emissions (= environmental standards)
- Packaging:
 - Recycled content (REC): 70% (cardboard, films)

Supplier & Risk Management

- Regular supplier audits each year
- Over 90% of raw material suppliers are based in Europe
- 100% of raw material suppliers are included in the ESG-Monitoring and Risk Managementsystem

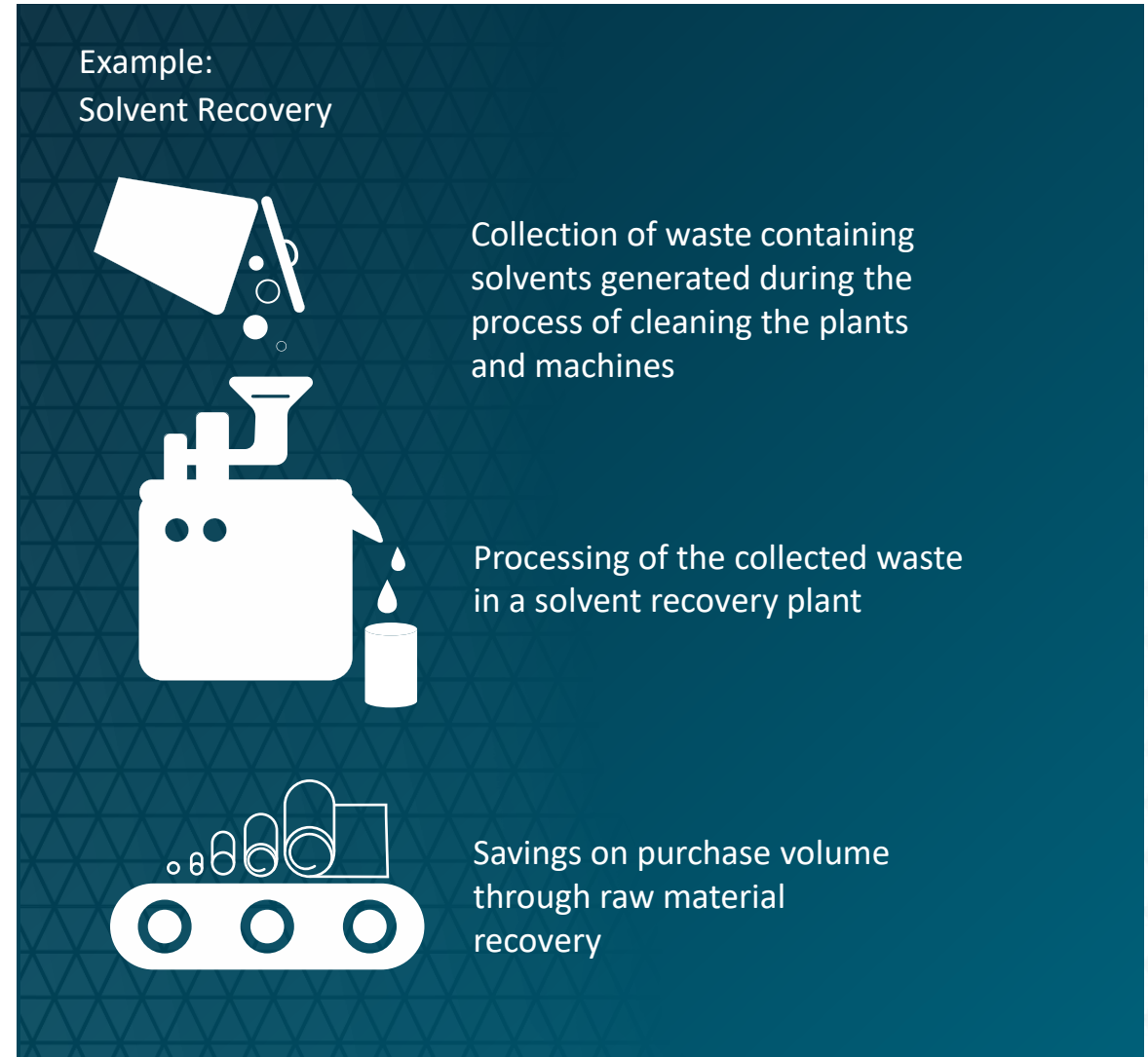
Digitalization with Strategic Partners

- Continuous EDI integration with suppliers
- Supplier portal
- Truck registration portal at the plant

Purchasing & Logistics

ORAFOL adjusts production processes to **save or reuse resources** (see image on the right). **Product-related quality assurance** complements this in a meaningful way and aims for sustainability throughout the entire life cycle of a product.

- **Colour accuracy:** testing of coloured products in colour cabins under standardised light
- **Tensile strength:** verification of mechanical properties under standardised conditions in application-specific test procedures
- **Durability testing:** weather resistance testing
 - Simulation of global environmental conditions in in-house weather exposure laboratories
 - Natural weathering at individual stations for different climate zones around the world

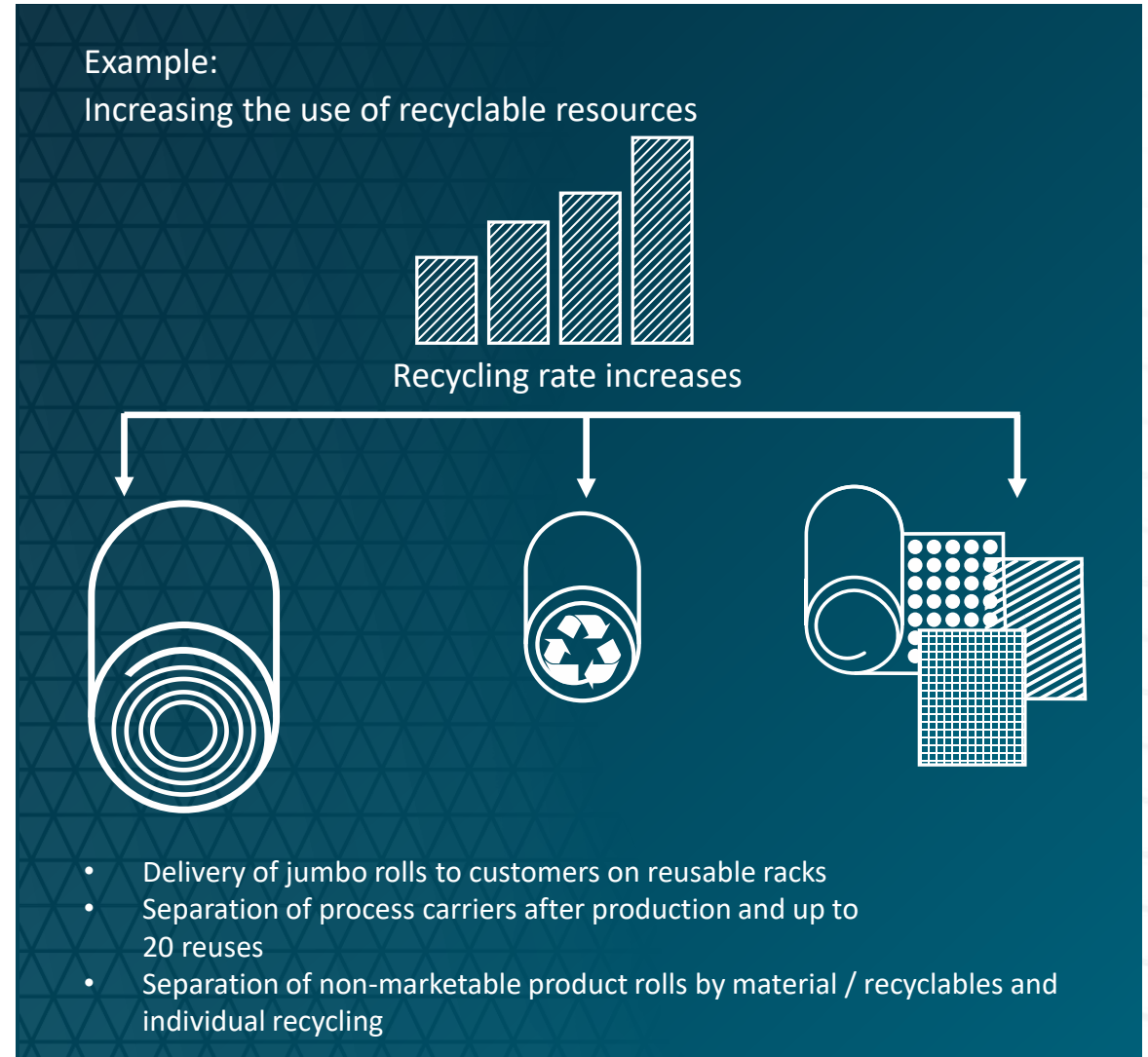


Purchasing & Logistics

Use of raw materials & production planning

ORAFOL views the **careful use of raw materials and energy**, as well as a **continuously efficient recycling cycle**, as essential to ensuring sustainable profitability. Our entire internal value chain is geared toward this.

- **Optimal plant planning:** The efficiency of the entire production process is taken into account and thus geared toward sustainability
- **Ensuring production continuity:** Construction of our own liquefied gas storage facility to safeguard production operations in the event of a gas shortage
- **Continuous increase in resource recycling:** Optimal use of packaging and improvement of the recycling rate (see figure on the right)



Sales & Service

ORAFOL is more than a supplier. We rely on long-standing **development partnerships**. ORAFOL contributes to performance targets for clients around the world with a **high degree of commitment**.

- **Partner to customers:** transparent, informative and advisory sales communication
- **Focus on market-orientated solutions:** development of sustainable, customer-specific product and system solutions in collaboration with customers
- **Exploiting synergies:** offering a wide range of products in numerous markets → growth of business experience that benefits customers

Example:

Advisory sales communication on an equal footing



What else we are doing and planning

Innovative production technology

- Global rollout of a significantly more energy-efficient coating technology, in which solvent-based systems will be gradually replaced by 100% UV-curable acrylic pressure-sensitive adhesive-based systems
- A pilot project at ORAFOL Americas Inc. will be completed in three years

Efficient use of energy

- Determination of CO2 emissions at production level, as a basis for own targets for reducing emissions in accordance with Scope 1 and 2 of the GHG Protocol* completed
- Continuous expansion of the eco-electricity share
- Continuous energy savings through the use of state-of-the-art LED technology

Digital management

- Use of software for effective interface work and project management in the company
- Consistent digitalisation in internal and external corporate communications
- Foregoing the use of paper wherever possible

* Greenhouse Gas Protocol: <https://ghgprotocol.org/>



SOCIAL

We act based on our corporate values and assume social responsibility.

4

Corporate culture at ORAFOL

In our family business, we value each and every individual. Our entire team's knowledge and skills can only be fully unleashed in a corporate culture characterised by trust.

Catherine Loclair, *Senior Vice President People, Organisation & Compliance*



Succeeding together through:

STRENGTH

- Strong in Brandenburg, strong around the world!
- Even as an international group of companies, we also remain loyal to our roots as a family-owned company

PROXIMITY

- Open corporate and leadership culture based on mutual trust and respect



APPRECIATION

- Fair pay scales
- Flexible working time models
- Special benefits with high added value
- Offering sustainable mobility for employees

SUPPORT

- Education & training
- Advice about provision
- Active career planning
- Coaching

Social responsibility

ORAFOL is committed to social values. This includes **supporting regional social initiatives** as well as promoting social **participation for people with disabilities**.

- **Collaborations:** Caritas Werkstatt Oranienburg
- **Sponsorship of competitive sport:** Oranienburger Handball Club
- **Sponsorship for grassroots sport:** Oranienburg FC Eintracht
- **Examples of recipients of regular donations:** Youth fire brigade, disabled association, schools
- **Participation for children:** Summer camps for the Kids Kreativ e.V. association





If you have any questions, please feel free to contact us



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