

A large, modern, multi-story office building with a white facade and large glass windows is the central focus of the image. The building is surrounded by lush greenery, including tall pine trees and smaller deciduous trees. In the foreground, there is a well-maintained lawn and a low brick wall. The sky is blue with some light clouds.

Sustainability & Responsibility

ORAFOL Europe GmbH

2023



COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV

ISO 9001 • ISO 14001
ISO 45001 • ISO 50001



Agenda

- 1 What does sustainability mean at ORAFOL?
- 2 Economics: growth at ORAFOL
- 3 Ecology: contribution to the environment, climate and resources
- 4 Social: corporate values and social responsibility

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 & key figures
- Clear & consistent communication



CORPORATE CULTURE AND VALUES

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

PRODUCTIVITY AND INNOVATION

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

GOVERNANCE AND FINANCES

- Effective corporate governance structures
- High liquidity & 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 – 160 million euros invested in modern and energy-efficient building and plant technology and the digitalisation of our processes at the headquarters in Oranienburg by 2024 alone.

All 17 subsidiaries of ORAFOL always adhere to the same high sustainability standards as the parent company.



ECONOMICS

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



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 of the ORAFOL
Group

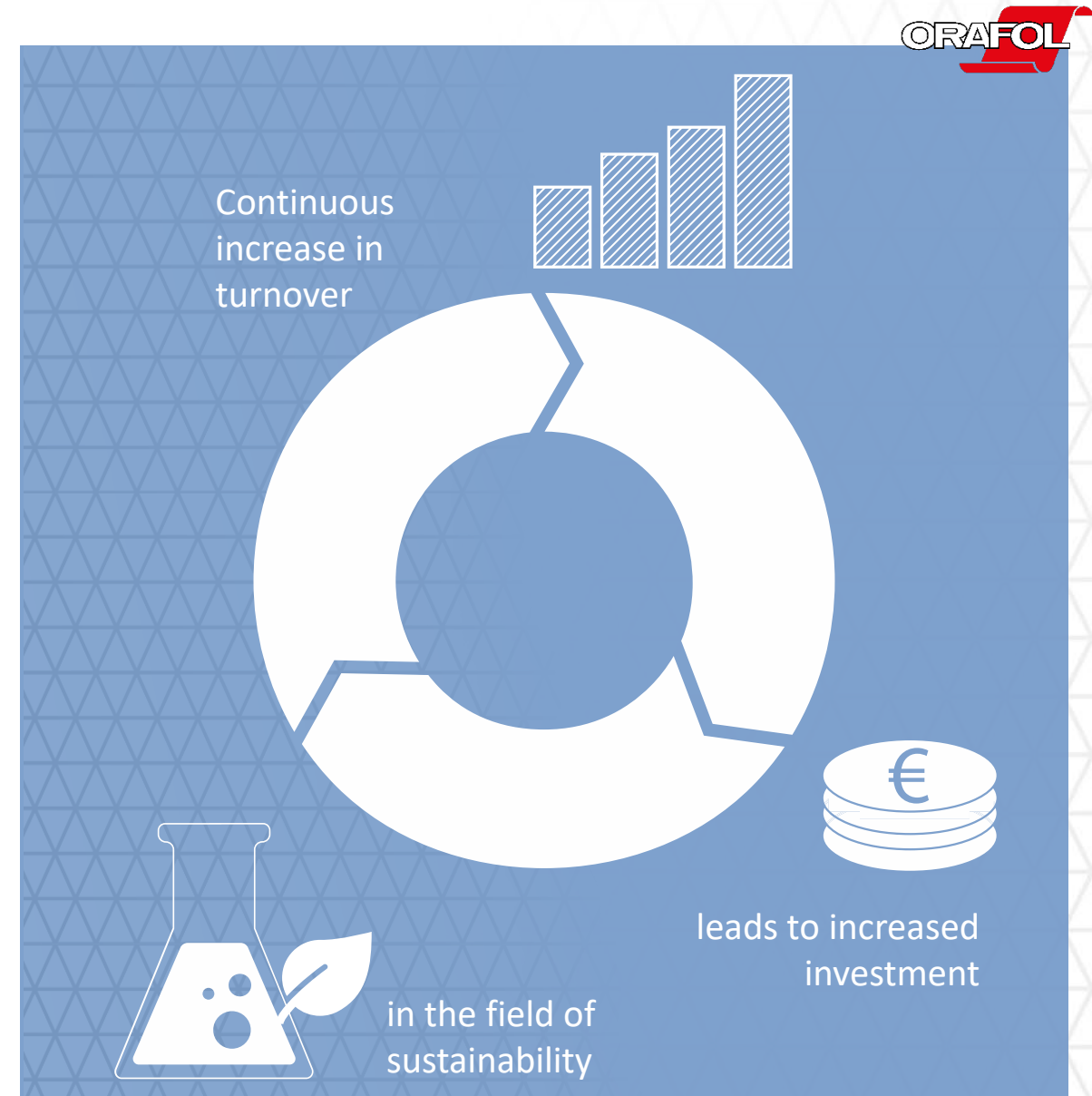


Sustainable business

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.



Our contribution to the environment, climate and resources

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.



We are continuously scaling back...

... 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

Sustainable strategies in our departments



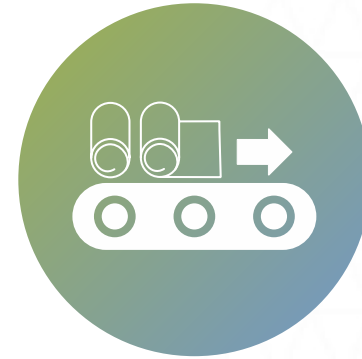
Research &
Development



Engineering &
Technology



Purchasing &
Logistics



Production &
Quality



Sales &
Service

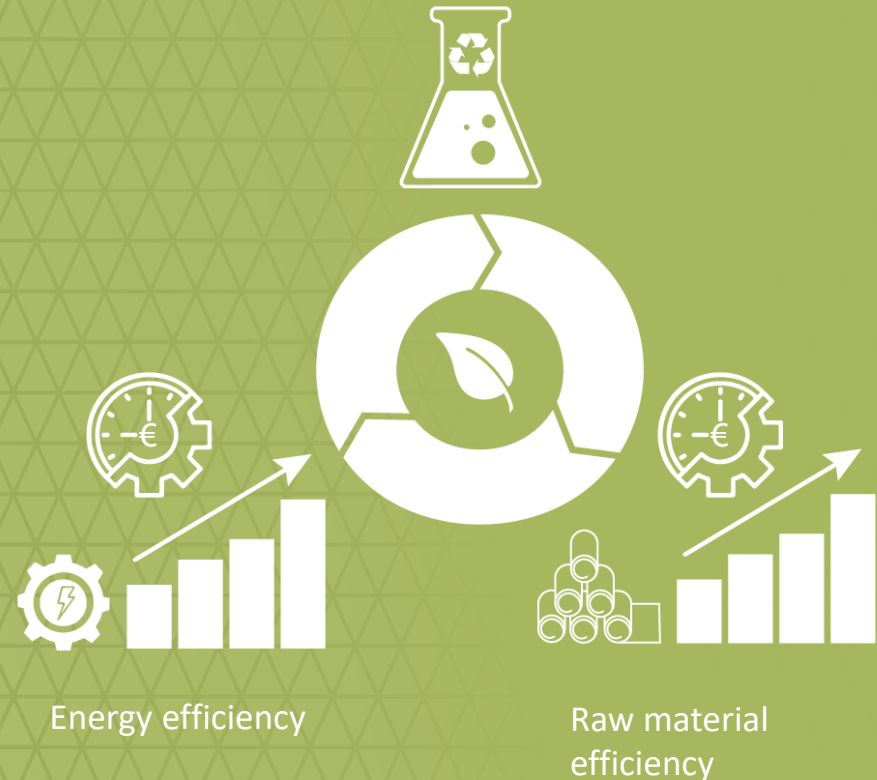
Research & Development

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

- All components used are **REACH & RoHS compliant**
- **Raw material efficiency** thanks to optimal use of resources and
- **Energy efficiency** thanks to long product & material life

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

Solvent & PVC-free



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 through the use of 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
- **Emission-optimised deliveries** with the shortest possible delivery routes – collaboration with specialised partners such as *modility*
- Short, efficient material flows at the production site using **emission-free intralogistics**

Example: sustainable supply chain thanks to partnerships with local partners



Production & Quality

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

Example: solvent recovery



Collection of waste containing solvents generated during the process of cleaning the plants and machines



Processing of the collected waste in a solvent recovery plant



Savings on purchase volume through raw material recovery

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

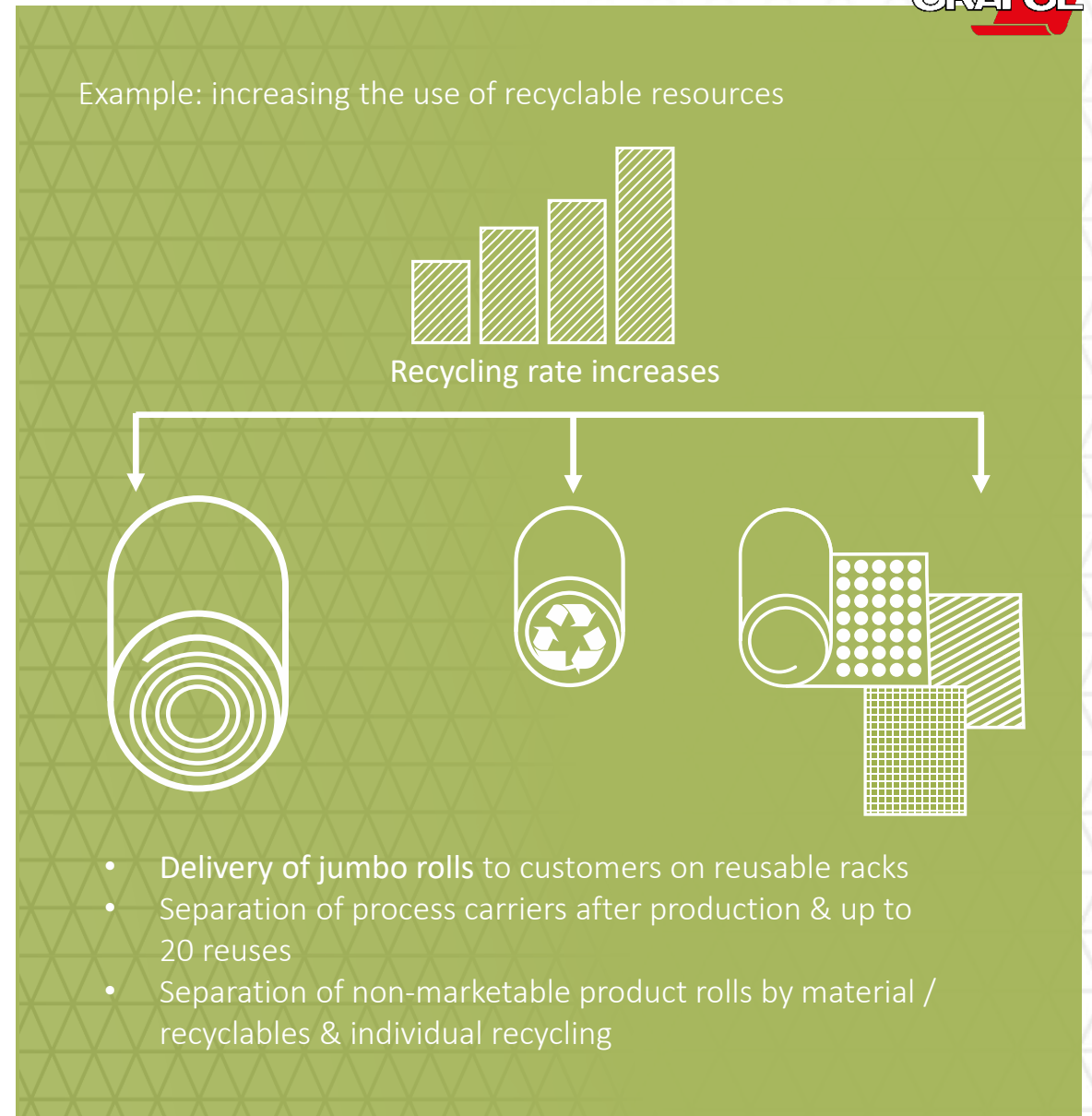
Example: Advisory sales communication on an equal footing



Use of raw materials & production planning

ORAFOL considers the **careful use of raw materials and energy** as well as a **continuous, efficient recycling system** to be essential for ensuring sustainable economic efficiency. Our entire internal value chain is geared towards this.

- **Optimal system planning:** efficiency of the entire production cycle is considered and thus geared towards sustainability
- **Ensuring continuity of production:** construction of a dedicated LPG storage facility to safeguard production operations in case of a gas shortage
- **Continuous improvement of resource recycling:** optimal use of packaging and improvement of the recycling rate (see image on the right)



What else we are doing and planning

Innovative production technology

- Rolling out a significantly more energy-efficient coating technology around the world, gradually replacing solvent-based systems with 100% systems based on acrylate adhesives that can be crosslinked
- A pilot project at ORAFOL Americas Inc. will be completed in three years

Efficient use of energy

- Determination of the CO₂ footprint as a basis for our own emission reduction targets under Scope 1 & 2 of the GHG Protocol* is finished
- Production of solar power on the factory premises and expansion of photovoltaic capacity in the next 3 years – target: covering up to 30% of the total energy demand using PV
- 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 on the basis of our corporate values and assume social responsibility.



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 of Corporate & Legal Affairs



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



Versatile sustainability.

Five speech bubbles of various colors (white, blue, green, dark blue) are scattered around the central text. One white bubble is at the top left, a blue bubble is at the top right, a green bubble is on the left side, a dark blue bubble is at the bottom left, and another white bubble is at the bottom right.

Do you have any questions?

Then feel free to contact:

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Thank You.

