



MORE LIGHT

Our Sustainability Strategy: Jenoptik as Enabler



Jenoptik at a glance – a leading globally operating photonics group

1991	year of foundation
>80	representation in countries
>4,400	employees worldwide
1.8bn ¹	market capitalization in euros
Fiscal year 2022	
980.7	million euros revenue
18.8	EBITDA margin in %

¹ as of 22.03.2023



Jenoptik is operating in photonics markets that respond to megatrends and enable our customers to be more sustainable

Digitization

Increasing demand for chips, augmented and virtual reality, ambient intelligence

Jenoptik supplies high-performance optics, micro-optics and measurement systems

Aging population – gentle treatments, therapies, diagnostics and bioimaging

Health

Jenoptik supplies optical systems for e.g. genome sequencing and digital imaging

Mobility

Intelligent safety solutions

Jenoptik supplies innovative products for more safety on roads and in cities



ESG

Environmental, Social, Governance

Sustainability

- Jenoptik as “enabler” for customers
- Innovation and responsibility
- Resource efficiency
- Sustainable supply chains

Smart manufacturing

More efficiency and automation in production

Jenoptik supplies solutions for e.g. laser processing

Our company strategy is flanked by our sustainability activities

“Our understanding of sustainability is based on the belief that we can only achieve our economic goals and thus permanently profitable growth by acting with social and environmental responsibility.”

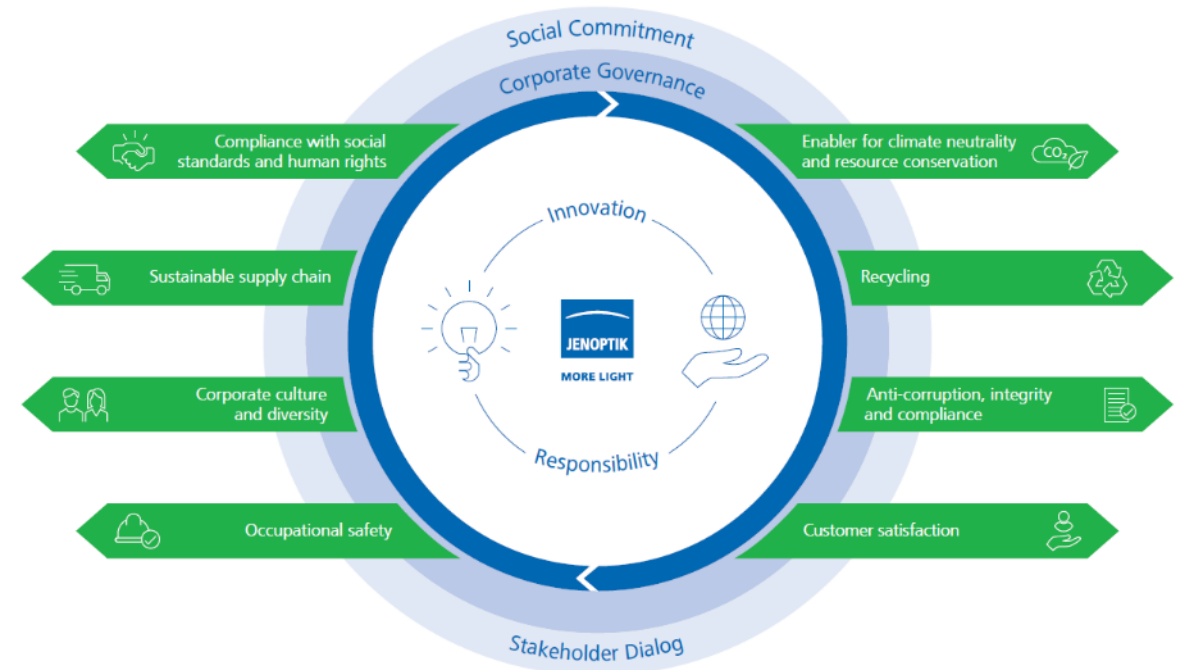
Dr. Stefan Traeger, President & CEO



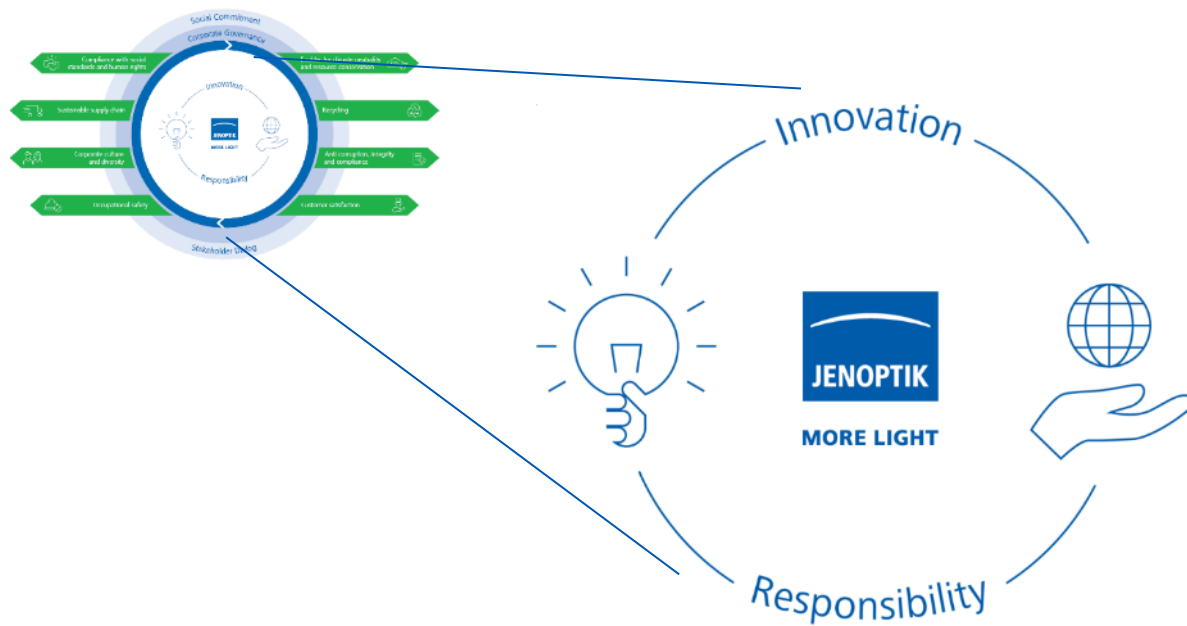
Agenda 2025 “More Value”

- 1 Transforming Jenoptik into a globally leading pure photonics player
- 2 Focusing on three highly attractive growth markets
- 3 Driving organic and non-organic growth & expand profitability
- 4 Ensuring financial flexibility for additional M+A / investments
- 5 Acting with social and environmental responsibility

Sustainability focus



Jenoptik's ESG strategy: As an "enabler", we are committed to more sustainability and resource efficiency



Innovation and responsibility as core of **Jenoptik's sustainability strategy.**

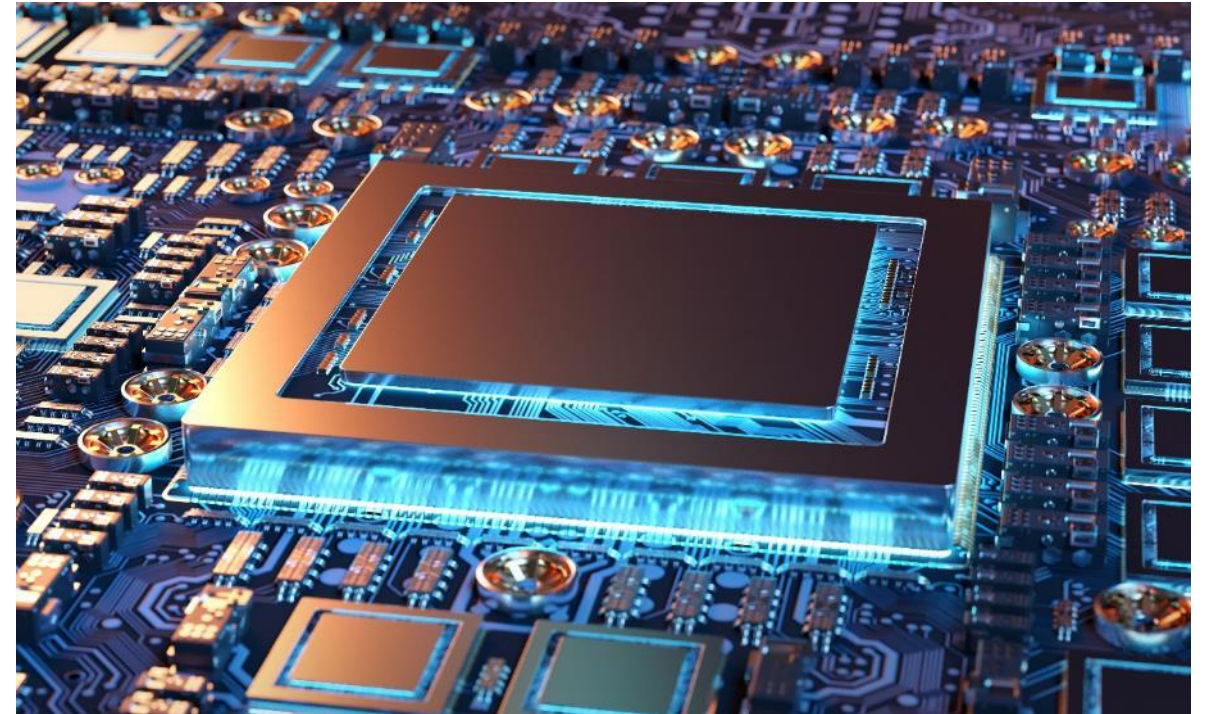
We **enable our customers** to contribute to greater resource conservation and climate protection more efficiently and sustainably.

Photonics enables at least 11% of the globally declared CO₂ savings in 2030 (SPECTARIS).

Jenoptik as “enabler”: We empower our customers to contribute to greater resource conservation and climate protection more efficiently and sustainably



Our biophotonic products enhance health and well-being of society: Jenoptik lasers are used in ophthalmology to treat glaucoma. Optical systems improve imaging and diagnostics for real-time disease detection.

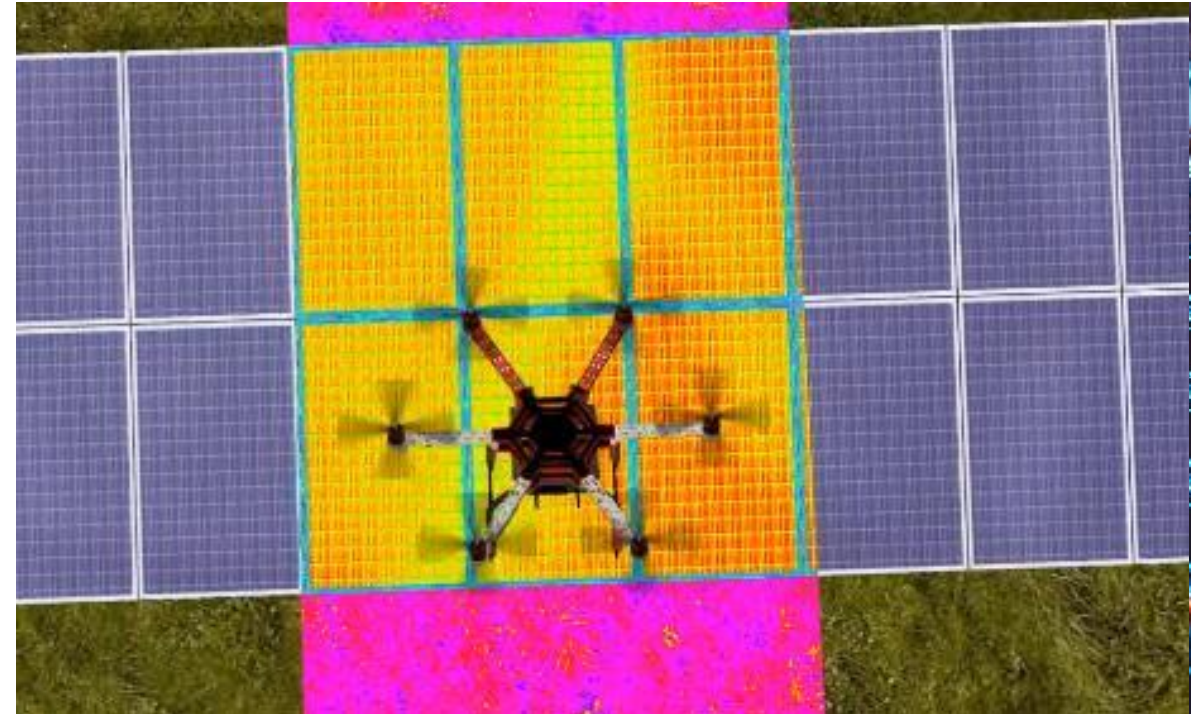


Optical systems for semiconductor equipment, information and data transmission enable efficient and time-saving production processes, contribute to resource efficiency and ensure high-quality by testing and measuring.

Jenoptik as “enabler”: We empower our customers to contribute to greater resource conservation and climate protection more efficiently and sustainably



Virtual Reality – enabling innovative prototypes: AR/VR applications allow fast iteration and optimization at low cost, contribute to substantial reduction in emission through design efficiency and less material consumption. Fresnel lens technology is essential for providing lightweight VR headsets suitable for practical use.



Enabling solar production: Thermography enables our clients to operate solar power generators at optimal performance. By measuring receptor panel temperatures in real time we can adjust their exposure to light and optimize energy production.

Jenoptik as “enabler”: We empower our customers to contribute to greater resource conservation and climate protection more efficiently and sustainably







Jenoptik traffic safety technology increases safety on roads and in public places, creates resilient infrastructures and more sustainable cities by reducing accidents, pollution and noise emissions.



TraffiPole – environmentally friendly and sustainable traffic monitoring solution: Special design reduces power consumption and removes the need for cooling. Can operate autonomously with batteries or solar panels. Housing made from fully recyclable materials.







Jenoptik's photonic contribution to the SDGs

Good health and well-being	Industry innovation and infrastructure	Sustainable cities and communities	Responsible consumption and production
			
<p>Biophotonics:</p> <ul style="list-style-type: none"> – Lasers for ophthalmology – Optical systems for digital imaging, real-time disease detection / medical diagnostics – Dental applications 	<p>Optical systems for</p> <ul style="list-style-type: none"> – Semiconductor equipment – Information and data transmission – Driver assistance systems and autonomous driving 	<p>Traffic Safety:</p> <ul style="list-style-type: none"> – Stationary and mobile systems for maximum traffic safety on roads and in public spaces – Traffic monitoring systems provide resilient infrastructures, improve living conditions, reduce pollution and noise emissions 	<p>Metrology systems support downsizing, less fuel consumption and fewer emissions</p> <p>Diode lasers/ Laser machines for efficient material processing</p>



We contribute to selected SDGs both with our products and services as well as internally through our targets and the organization.

Jenoptik's internal contribution to the SDGs and non-financial targets

Quality Education	Gender Equality	Decent Work and Economic Growth	Industry Innovation and Infrastructure	Climate Action	Partnership for the goals
<p>2.7 million euros invested in HR development and training in 2022</p> 	<p>Diversity is reflected in Jenoptik's Business Conduct Guidelines</p> 	<p>Decent working conditions, fair payment and compliance with social standards</p> 	<p>Increasing R+D supports our sustainable innovations</p> 	<p>Commitment to global climate goals and inclusion of climate protection measures in corporate policy and R+D</p> 	<p>Strategic partnerships with universities and research institutions as basis for all other goals</p> 
<p>Targets: Trainee takeover rate of 100%</p> <p>Apprentice rate >4%</p> <p>2022: Takeover rate: 83.8% Apprentice rate: 3.5%</p>	<p>Targets: Diversity rate (% of managers with international background and female managers) 33% by 2025</p> <p>2022: Diversity rate: 30.6%</p>	<p>Targets: Fluctuation rate <5%</p> <p>Engagement score 72%</p> <p>CSR rate: 50% by 2025</p> <p>2022: Engagement score 76% CSR rate: 51.4%</p>	<p>Targets: Vitality Index (revenue share of products < 3 years) 22% by 2025</p> <p>2022: Vitality Index: 23.7%</p>	<p>Targets: Share of green electricity 75% by 2025</p> <p>CO₂ reduction target of 30% by 2025</p> <p>2022: Green electricity: 85.4% CO₂ reduction: 35.9%</p>	<p>– Inspiration from outside to increase innovative power</p>

Our most relevant mid-term targets for 2025 are included in executive board remuneration and group financing

Fewer emissions



30%

Reducing CO₂ emissions by 2025

Diversity within the company



33%

Diversity rate by 2025

More green electricity



75%

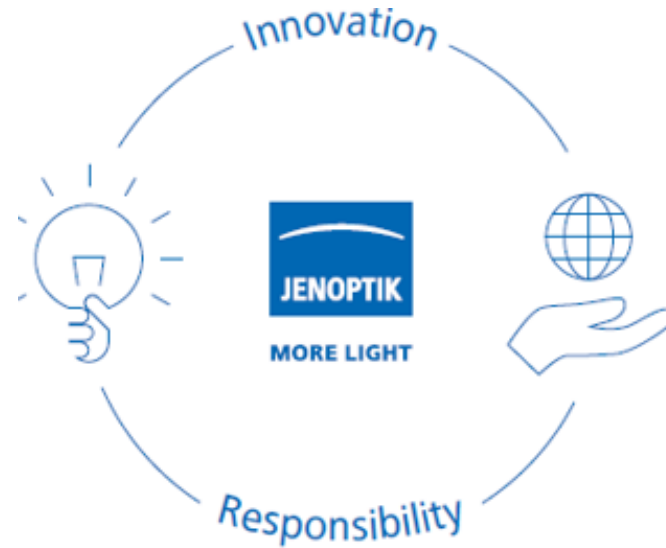
Proportion of green electricity by 2025

Greater supply chain visibility



50%

CSR rate by 2025
(Corporate Social Responsibility Rate)



ESG Memberships and Ratings

Memberships and initiatives:



2022 – increase to 83 index points above average



Employer initiative to promote diversity signed in August 2022



Ensuring freedom of association and collective bargaining



Jenoptik contribution to selected SDGs
11/2021 Accession to the UN Global Compact
1st UNGC COP in July 2022



ESG-Ratings:



12/2022 AA Rating - Top 15 percent ranked in global Electronics Components Sector



8/2022 Improvement from C- to C (medium)



11/2022 Silver Status 2022
Top Performer (59/100)

SUSTAINALYTICS
6/2022 „low risk company“

Sustainability inside Jenoptik: Anchoring in the organization





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Appendix

2022 Energy consumption by energy source (in MWh)

	Electricity	Gas	Wood pellets	District heating	Heating oil	Diesel/gasoline	Energy consumption
Germany	28,562	1,546	628	8,359	376	1,528	40,998
Europe	10,167	72	0	0	0	71	10,310
Americas	8,268	3,855	0	0	0	159	12,282
Asia/Pacific	2,673	0	0	0	0	0	2,673
Total	49,670	5,473	628	8,359	376	1,758	66,263
CO ₂ emissions (in t)	3,657	1,419	0	848	120	471	6,514

Energy consumption and CO₂ emissions at major Jenoptik sites (in MWh and t)

	Energy consumption		CO ₂ emissions	
	2022	2021*	2022	2021*
Germany	40,998	39,715	2,031	2,028
Europe	10,310	969	59	61
Americas	12,282	11,843	2,661	3,841
Asia/Pacific	2,673	349	1,764	237
Total	66,263	52,876	6,514	6,167
of which Scope 1			2,010	1,708
of which Scope 2			4,505	4,459

Hazardous and non-hazardous waste (in t)

	2022	2021*	2020*
Non-hazardous waste	1,305	1,014	1,007
Paper and cardboard in t	198	195	169
Mixed packaging in t	197	212	192
Household-type commercial waste in t	366	290	260
Metals in t	189	133	105
Other non-hazardous waste in t	356	185	280
Hazardous waste	175	64	50

Water consumption (in m³)

	2022	2021*	2020*
Total	98,874	59,166	52,287

* Differences from the figures published in the 2021 Annual Report result from the sale of VINCORION

Selected certifications

Certification	Description
ISO 9001	Certification of quality management processes
ISO 14001	Certification of the environmental management system
ISO 45001	Certification of the occupational health and safety management system
ILO-OSH-2001/ OHSAS 18001 bzw. DIN ISO 45001	Certification of occupational safety and health management