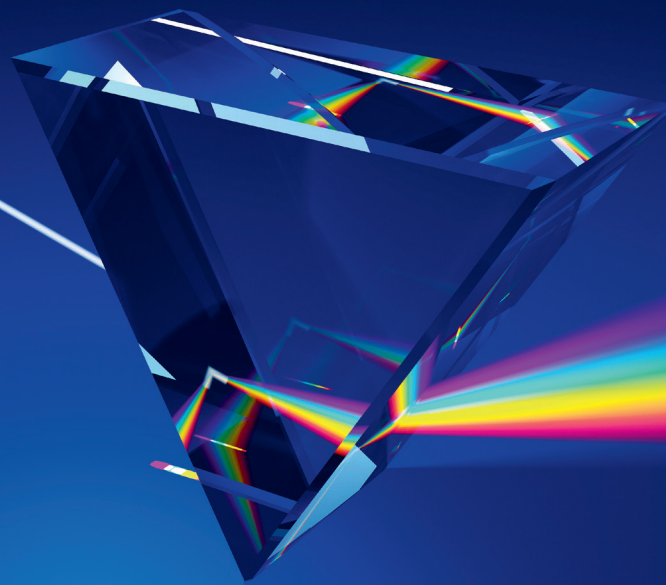


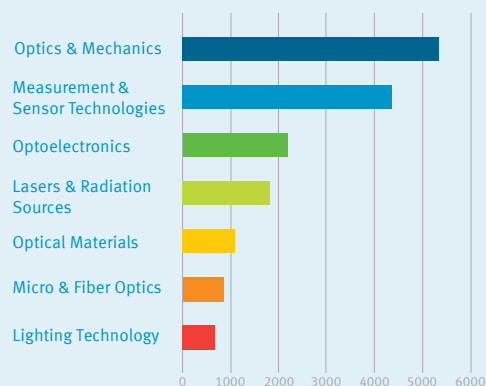
# Optics.

Exceptional expertise – wanted worldwide.



High-powered diode and ultrashort pulse lasers, EUV lithography optics, advanced imaging and scanning microscopy systems are prime examples of Thuringian-made technology. Global players such as ZEISS, SCHOTT and JENOPTIK got their start in Thuringia and set the international standard for optics.

## Products & Technologies



\*Source: OptoNet e. V., PHOTONICS Report 2025, percentage share of employees

### The Thuringian optics industry at a glance:

- › 195 companies
- › 16,900 employees in industry
- › 1,700 students majoring in optics, laser engineering and related fields
- › 2,700 employees in research
- › 700 trainees in optics-related professions
- › € 4bn in revenue
- › 72% export ratio
- › 15% R&D ratio
- › about 10% of German photonics companies are located in Thuringia\*

### LEG - The premier partner for direct investments

Seize the opportunities that Thuringia offers. The State Development Corporation of Thuringia (LEG) will support your investment project from start to finish free of charge – from finding a site to implementing your investment project to handling future expansions. Contact us. We're here to help.

@ [www.invest-in-thuringia.de/en/industries/optics/](https://www.invest-in-thuringia.de/en/industries/optics/)





## Skills for success

As a traditional optics stronghold, Thuringia has a deep pool of specialists for all aspects of optical technology.

### Vocational training

- › Jena Education Center

### Academic training

- › Friedrich Schiller University Jena (FSU)
- › Abbe School of Photonics at FSU
- › Technical University Ilmenau (TU Ilmenau)
- › Ernst Abbe University of Applied Sciences Jena

### Selected research institutions

- › FSU Jena: Institutes of Applied Optics, Quantum Electronics and Applied Physics
- › FSU Jena: Otto Schott Institute of Materials Research
- › Fraunhofer Institute of Applied Optics and Precision Engineering (IOF)
- › Leibniz Institute of Photonic Technology (IPHT)
- › TU Ilmenau: Departments of Technical Optics and Lighting Technology
- › Institute of Microelectronic and Mechatronic Systems (IMMS)
- › CiS - Research Institute of Microsensors
- › InQuoSens - Thuringian Innovation Center of Quantum Optics and Sensing



*“Jena is at the heart of global photonics. As a leading photonics company, we proudly support the Jena Education Center together with SCHOTT and ZEISS, fostering young talent and strengthening the industry’s future.”*

**Dr. Ralf Kuschnereit**  
Member of the Management Board  
JENOPTIK AG



### Selected companies

- › Adtran Networks SE
- › Allied Vision Technologies GmbH
- › ams Sensors Germany GmbH
- › asphericon GmbH
- › Docter Optics
- › GÖPEL electronic SE
- › Hellma Materials GmbH
- › Jabil Optics Germany GmbH
- › Jena-Optronik GmbH
- › JENOPTIK AG
- › j-fiber GmbH
- › LAYERTEC GmbH
- › Micro-Hybrid Electronic GmbH
- › POG Präzisionsoptik Gera GmbH
- › Optics Balzers Jena GmbH
- › SCHOTT Technical Glass Solutions GmbH
- › STEREOON Ceramics Frankenblick GmbH
- › Vistec Electron Beam GmbH
- › WEINERT Fiber Optics GmbH
- › ZEISS



### Your LEG Service

Our consulting services are free. Simply set an appointment with our experienced investor service team.

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