

OPTICAL FIBRE

A globally proven optical fibre industry with strong export momentum



#7 globally

by optical fibre export share relative to national economy



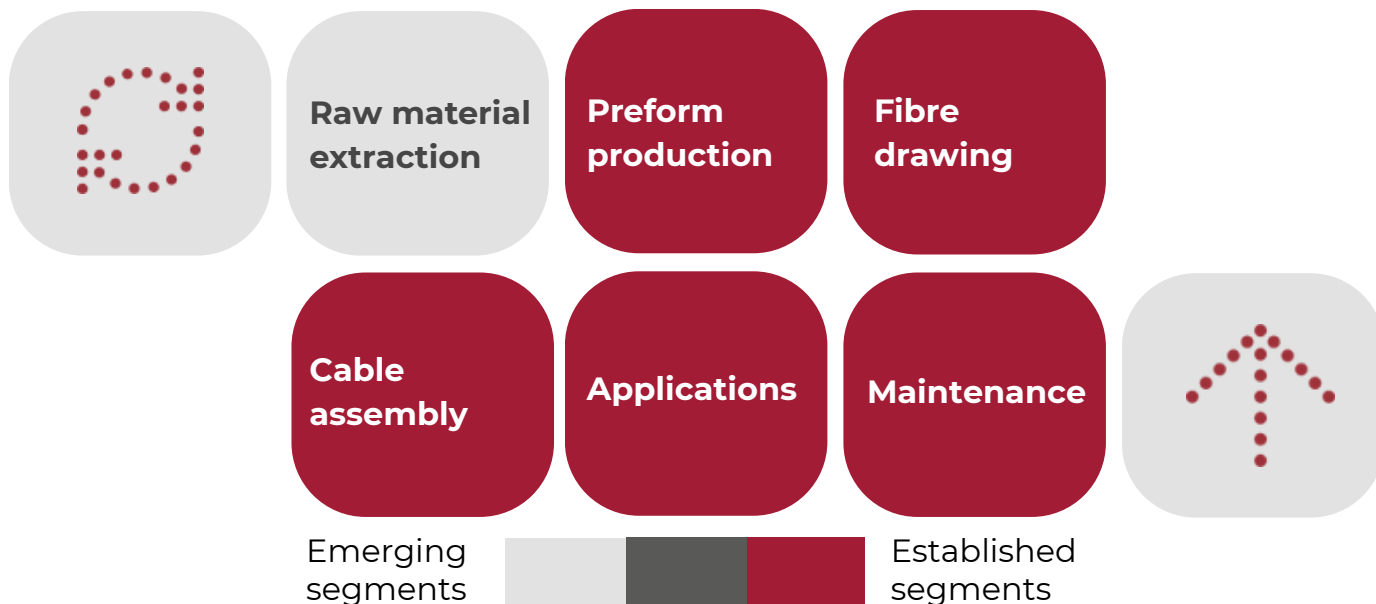
#3 in Europe

by optical fibre export share relative to GDP

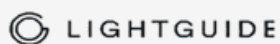


Major companies supply optical fibre and related components to leading global players including **Corning, Prysmian, Marti Group**

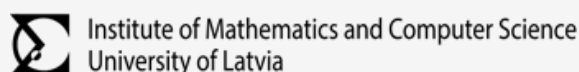
Optical fibre value chain



Leading companies



Relevant Education Institutions



Global-scale optical fibre manufacturing with proven export performance



FOS.

High-precision optical fibre manufacturing for aerospace, defence and other mission-critical applications, with products validated by customers such as **NASA and Lockheed Martin.**



Light Guide Optics International.

Global-scale manufacturing of high-precision optical fibres and fibre-based components for medical, industrial and scientific applications, with 99.9% of output exported and active capacity expansion through a **€33M advanced manufacturing investment.**



CeramOptec.

Production of advanced optical fibre solutions for industrial and scientific applications within global value chains.



Armadillo

Optical fibre manufacturing and assembly supporting international customers across Europe, North America and Asia.

Applied R&D underpinning next-generation optical fibre manufacturing

Riga Technical University

Applied photonics, optics and electronics research supporting the development and scale-up of new fibre and optical technologies.

Institute of Solid State Physics

Advanced optical materials and coatings research enabling high-performance fibre and photonic applications.

Academia-industry collaboration

Industry-linked research infrastructure supporting rapid prototyping, testing and scaling of optical fibre solutions.