

# OPTICAL FIBRE

A globally proven optical fibre industry with strong export momentum



**#7 globally**

by optical fibre export share relative to national economy



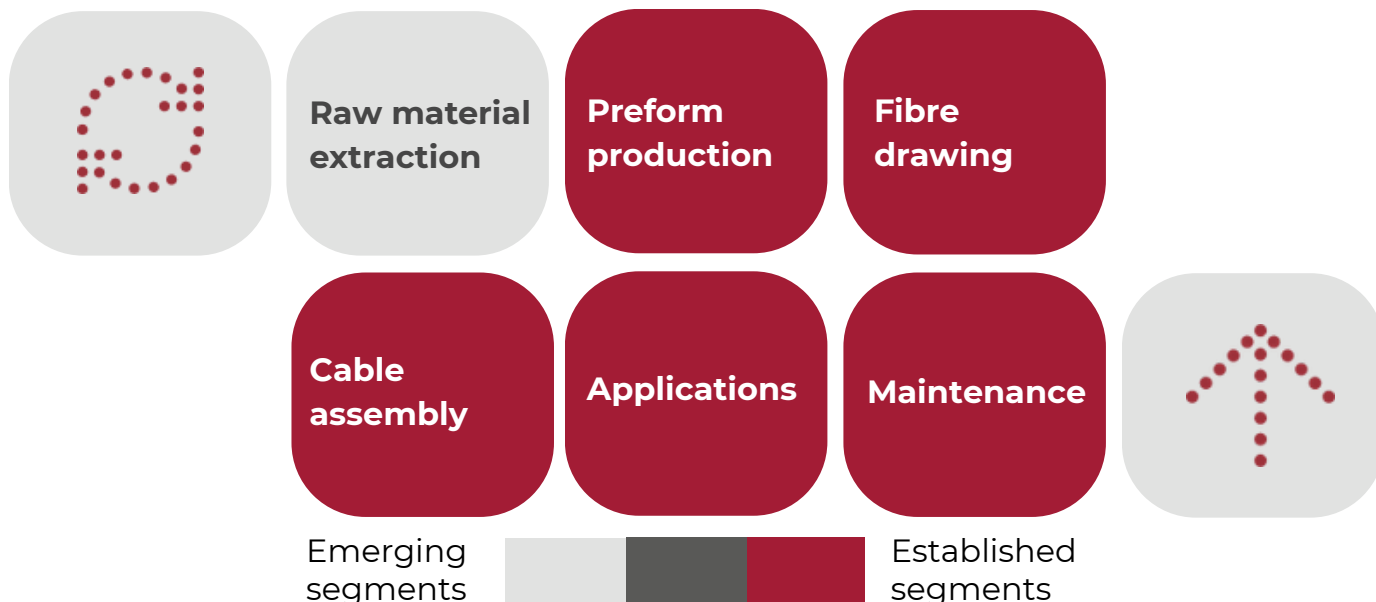
**#3 in Europe**

by optical fibre export share relative to GDP

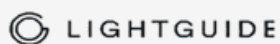


Major companies supply optical fibre and related components to leading global players including **Corning, Prysmian, Marti Group**

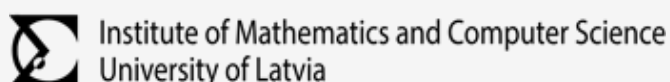
## Optical fibre value chain



## 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.