

Global Industrial Laser Market: Analysis By Type (Fibre, Solid State/Disc, Excimer/Diode, and CO2); By Application (Metal Cutting, Welding/Brazing, Marking/Engraving, Fine Metal Processing, Display, Non-Metal Processing, Semiconductor/PC Board, Additive Manufacturing, and Other); By Region Size, and Trends with Impact of COVID-19 and Forecast up to 2027

December 2022



# Global Industrial Laser Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact Of COVID 19

Dynamics

Competitive Landscape

Company Profiling

# Global Industrial Laser Market : Coverage

## Scope of the Report

Attributes	Details
Title	Global Industrial Laser Market: Analysis By Type (Fibre, Solid State/Disc, Excimer/Diode, and CO2); By Application (Metal Cutting, Welding/Brazing, Marking/Engraving, Fine Metal Processing, Display, Non-Metal Processing, Semiconductor/PC Board, Additive Manufacturing, and Other); By Region Size, and Trends with Impact of COVID-19 and Forecast up to 2027
Coverage	Global and Regional
Regional Coverage	Asia Pacific (China, Japan, South Korea, and Rest of Asia Pacific), North America (The US, Canada, and Mexico), Europe (Germany, UK, France, Italy, and Rest of Europe), and Rest of the World
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2022-2027
Competition in the Market	Highly Fragmented
Key Players	II-VI Incorporated (Coherent, Inc.), Jenoptik AG, Lumentum Holdings Inc., nLIGHT, Inc., MKS Instruments, Inc. (Newport Corporation), NKT A/S (NKT Photonics), TRUMPF, FANUC Corporation, IPG Photonics Corporation, Calmar Laser, Amonics Ltd., CY Laser SRL, and Apollo Instruments Inc.

# Global Industrial Laser Market : Coverage

## Executive Summary

An industrial laser is a mechanical device that generates a clean beam of light from a medium with controlled form, size, and purity by using molecules or atoms and stimulated emission. Industrial lasers are capable of cutting metals and fabrics, marking tracking codes for industrial traceability, precisely welding metals, polishing metal surfaces, modifying surface roughness, and measuring part dimensions. The global industrial laser market in 2021 was valued at US\$6.89 billion. The market would reach US\$15.07 billion by 2027, growing at a CAGR of 13.93%, during the forecast period of 2022-2027.

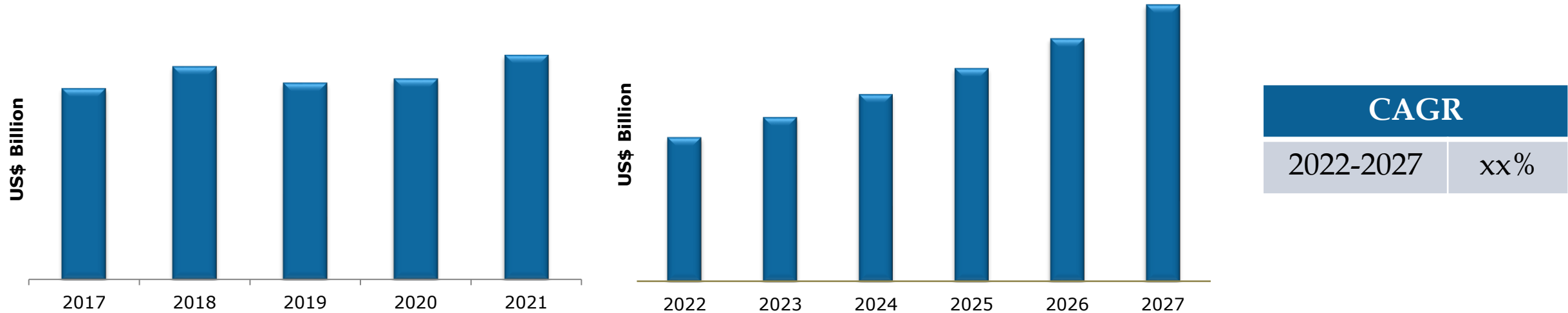
The global industrial laser market can be segmented based on type (Fibre, Solid State/Disc, Excimer/Diode, and CO2); and application (Metal Cutting, Welding/Brazing, Marking/Engraving, Fine Metal Processing, Display, Non-Metal Processing, Semiconductor/PC Board, Additive Manufacturing, and Other). Among the type, fibre segment lead the market with the maximum share in 2021, whereas Excimer/Diode is expected to be the highest growing segment in the coming years. Asia Pacific is leading the global industrial laser market.

The economic impact of the COVID-19 epidemic was felt strongly in global markets for industrial lasers in the first half of 2020. The pandemic interrupted production of various goods in the industrial laser market due to the countries' lockdown measures and delays in production and manufacturing of industrial laser systems used in cutting, welding, nonmetal processing, and other industries. When the lockdown was lifted in the second half of 2020 and factories reopened, the market grew slightly. As a result, the overall market grew at a slow pace in 2020.

The global industrial laser market has increased in 2021. The projections are made that the market would rise in the next five years i.e. 2022-2027 tremendously. The global industrial laser market growth is predicted to be supported by numerous growth drivers such as increasing shift of automotive sector towards electric vehicles, favorable government initiatives, increasing legislation and traceability requirements, growing demand for material processing, increasing demand of laser in aerospace sector, rising adoption of industrial laser in medical equipment, and many other factors. Conversely, the market growth would be negatively impacted by various challenges such as emission of dangerous gases during melting process, high installation costs, etc. Moreover, the market growth would succeed to various market trends like rising adoption of industrial robotics, increasing demand for ultrashort pulse (USP) lasers, increasing trend of automation in industries, growing laser integration in additive manufacturing, increasing use of laser in garment manufacturing, Industry 4.0, etc.

# Industrial Laser Market : Global Analysis

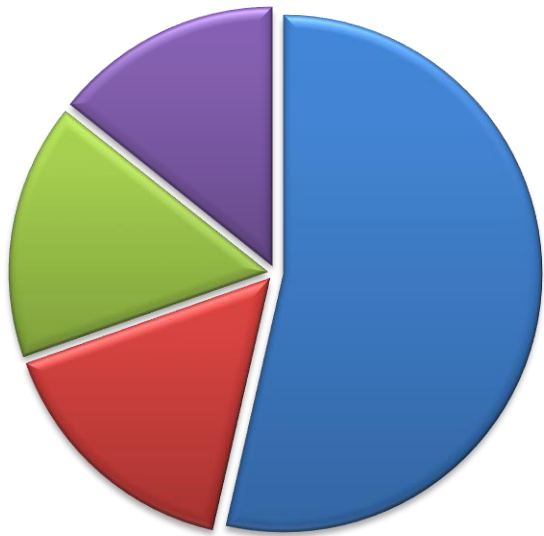
## Global Industrial Laser Market by Value



Global Industrial Laser market was valued at US\$... billion in 2021 and is anticipated to reach up to US\$... billion by 2027 from US\$... billion in 2022, with a CAGR of xx%.

# Industrial Laser Market: Global Analysis

Global Industrial Laser Market by Type; 2021



Type	Share
Fibre	xx%
Solid State/Disc	xx%
Excimer/Diode	xx%
CO2	xx%

# Industrial Laser Market: Global Analysis

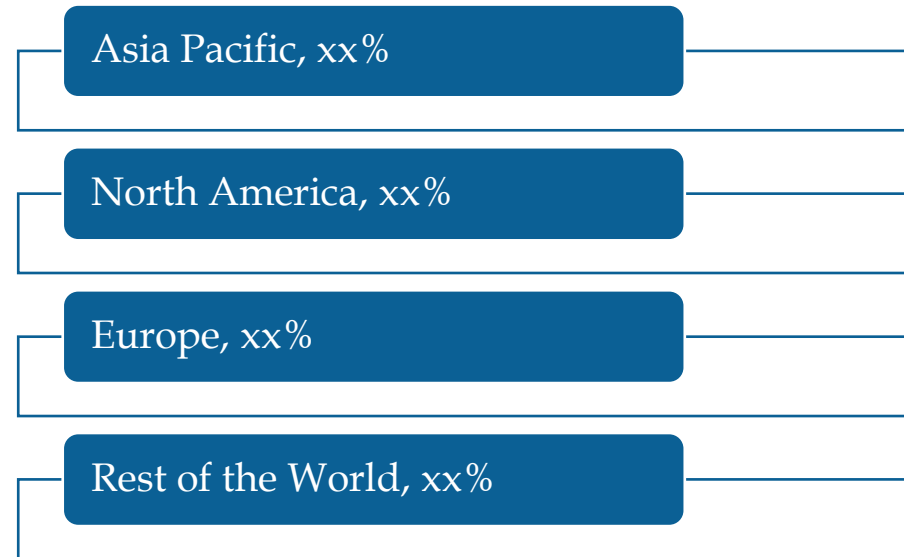
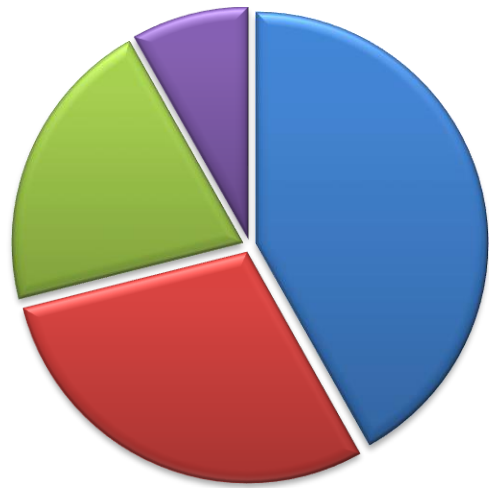
**Global Industrial Laser Market by Application; 2021**



Application	Share
Metal Cutting	xx%
Welding/Brazing	xx%
Marking/Engraving	xx%
Fine Metal Processing	xx%
Display	xx%
Non-Metal Processing	xx%
Semiconductor/PC Board	xx%
Additive Manufacturing	xx%
Other	xx%

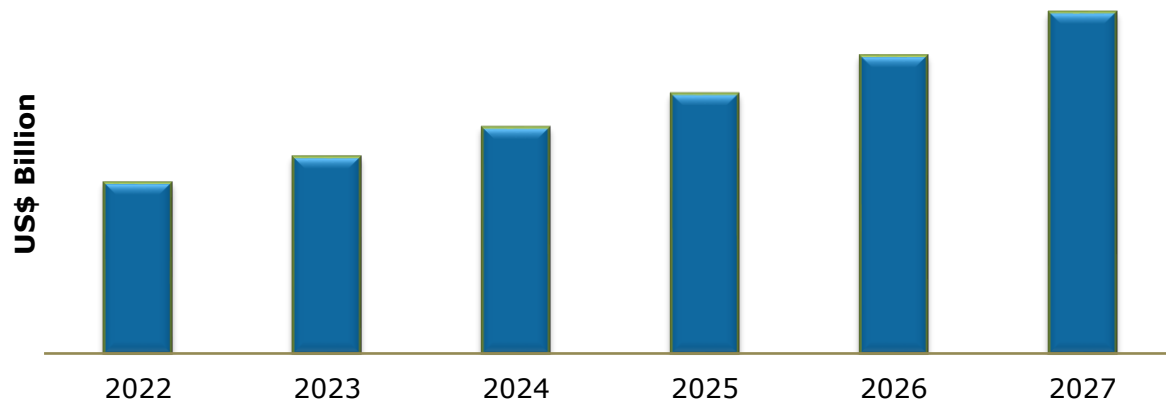
# Industrial Laser Market: Global Analysis

**Global Industrial Laser Market by Region; 2021**

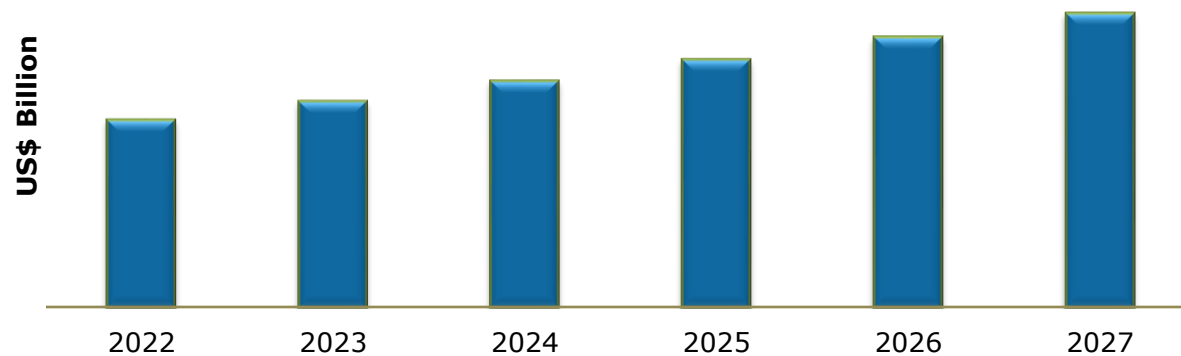


# Industrial Laser Market: Type Analysis

## Global Industrial Fibre Laser Market by Value



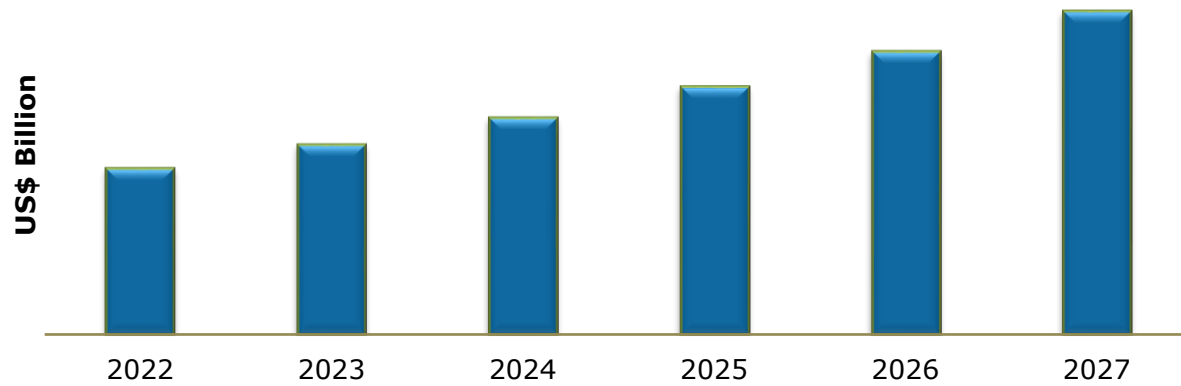
## Global Industrial Solid State/Disc Laser Market by Value



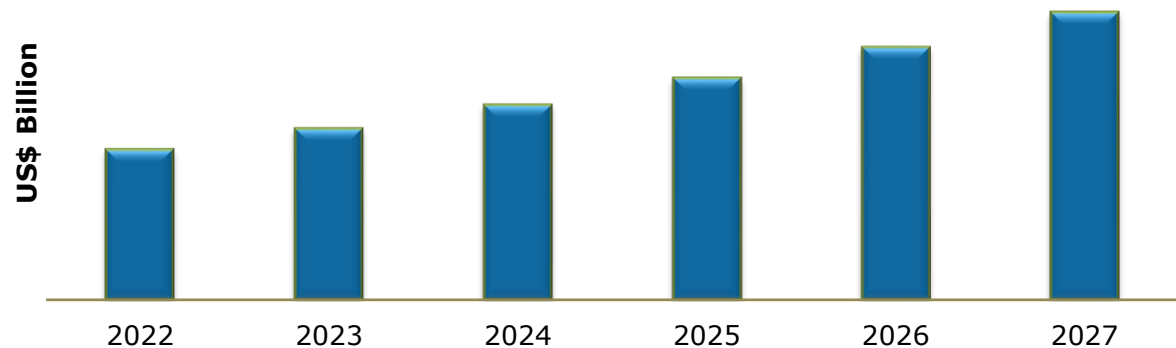
Type	CAGR (2022-2027)
Fibre	xx%
Solid State/Disc	xx%
Excimer/Diode	xx%
CO2	xx%

# Industrial Laser Market: Application Analysis

Global Industrial Metal Cutting Laser Market by Value



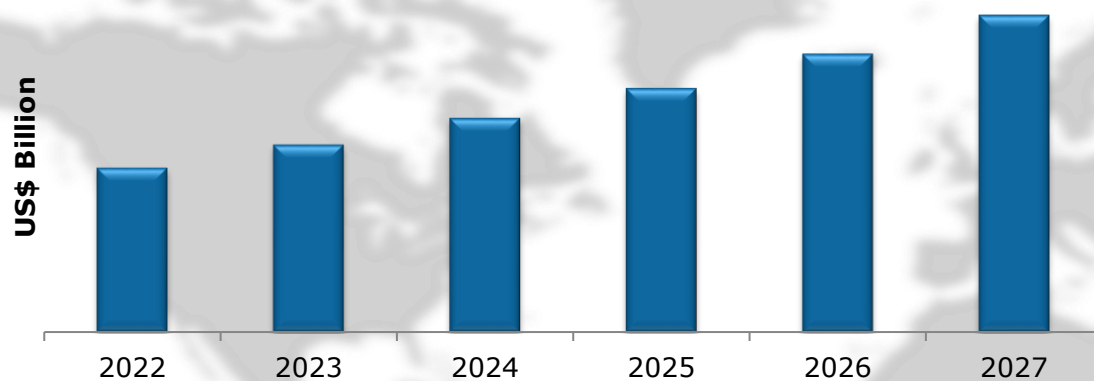
Global Industrial Welding/Brazing Laser Market by Value



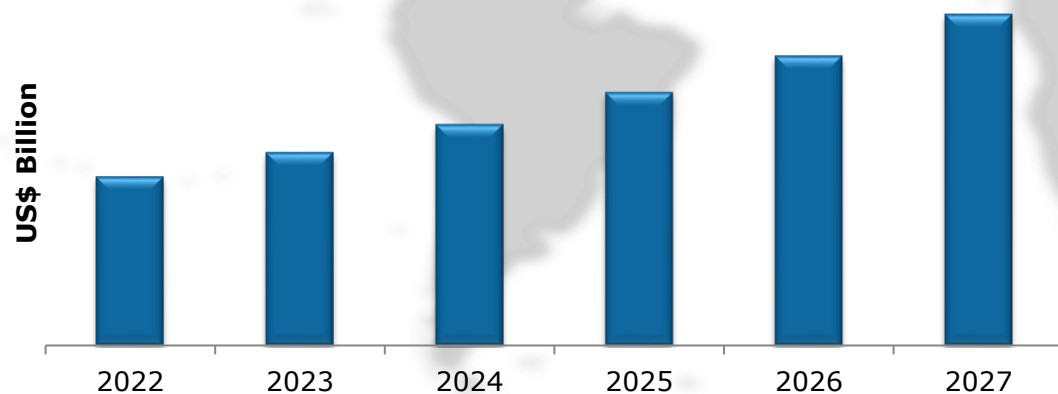
Application	CAGR (2022-2027)
Metal Cutting	xx%
Welding/Brazing	xx%
Marking/Engraving	xx%
Fine Metal Processing	xx%
Display	xx%
Non-Metal Processing	xx%
Semiconductor/PC Board	xx%
Additive Manufacturing	xx%
Other	xx%

# Industrial Laser Market: Regional Analysis

## Asia Pacific Industrial Laser Market by Value



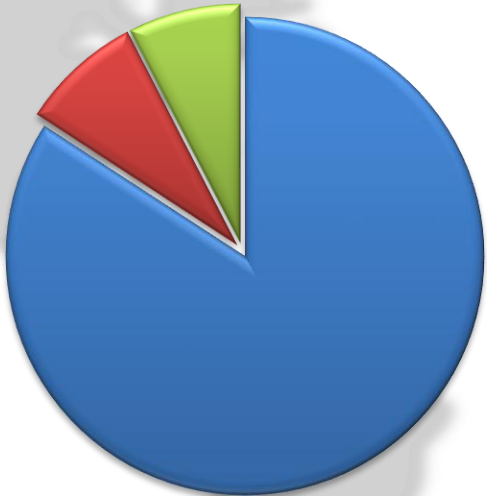
## North America Industrial Laser Market by Value



Region	CAGR (2022-2027)
Asia Pacific	xx%
North America	xx%
Europe	xx%
Rest of the World	xx%

# North America Industrial Laser Market: An Analysis

North America Industrial Laser Market by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

# Asia Pacific Industrial Laser Market: An Analysis

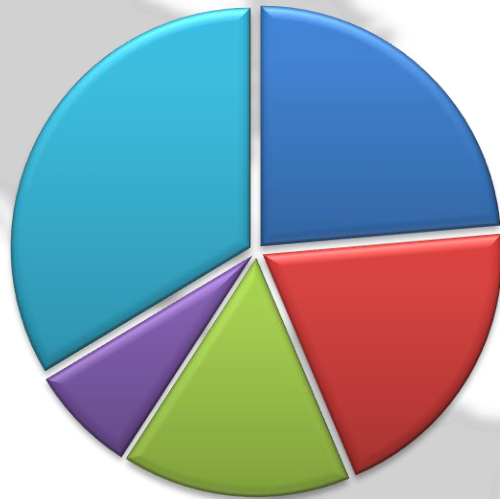
Asia Pacific Industrial Laser Market by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
China	xx%	xx%
Japan	xx%	xx%
South Korea	xx%	xx%
Rest of Asia Pacific	xx%	xx%

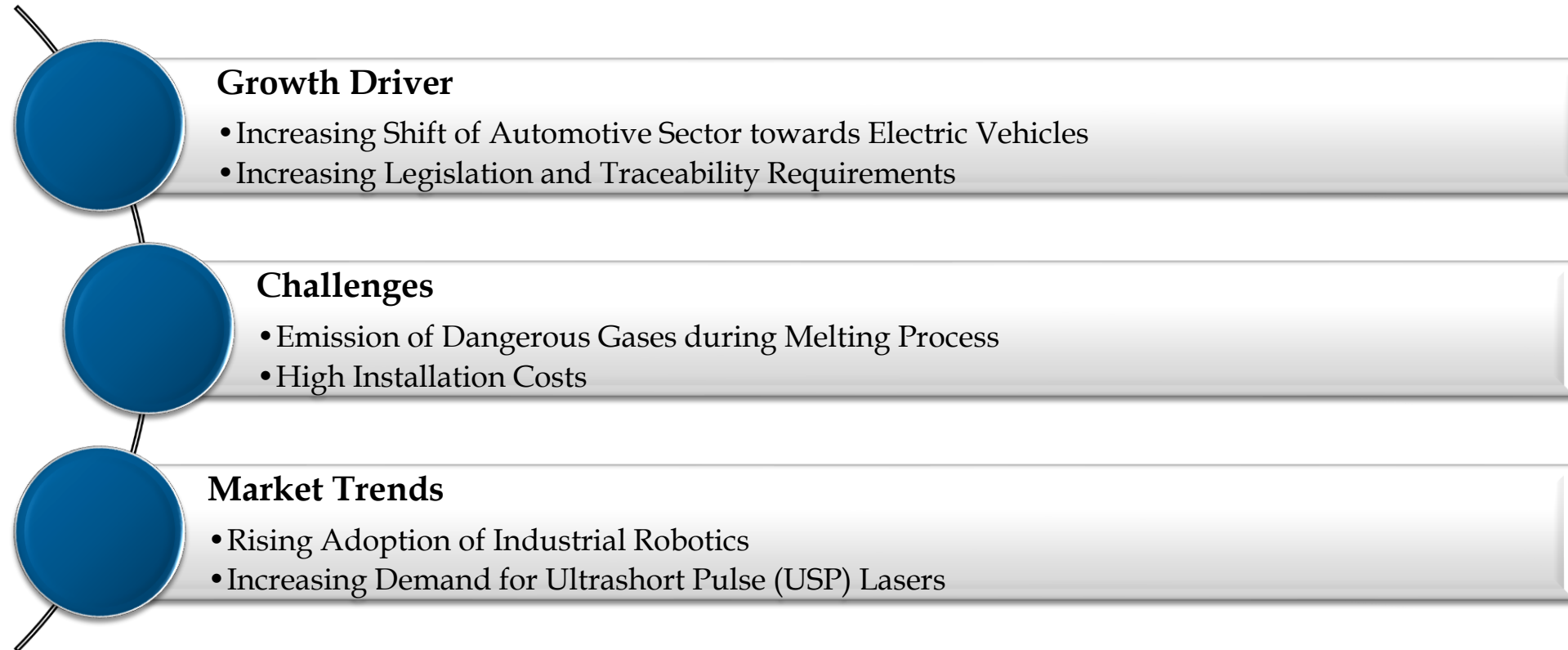
# Europe Industrial Laser Market: An Analysis

Europe Industrial Laser Market by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
Germany	xx%	xx%
UK	xx%	xx%
France	xx%	xx%
Italy	xx%	xx%
Rest of Europe	xx%	xx%

# Global Industrial Laser Market: Dynamics



# Global Industrial Laser Market: Competitive Landscape

## Players Profiled

- ❑ II-VI Incorporated (Coherent, Inc.)
- ❑ Jenoptik AG
- ❑ Lumentum Holdings Inc.
- ❑ nLIGHT, Inc.
- ❑ MKS Instruments, Inc. (Newport Corporation)
- ❑ NKT A/S (NKT Photonics)
- ❑ TRUMPF
- ❑ FANUC Corporation
- ❑ IPG Photonics Corporation
- ❑ Calmar Laser
- ❑ Amonics Ltd.
- ❑ CY Laser SRL
- ❑ Apollo Instruments Inc.