



IPG Photonics (Italy) Srl

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Revolutionizing | the Laser Industry

IPG FIBER LASERS



Ultra High Power
Continuous Wave (CW) Lasers

Ultra Compact Lasers



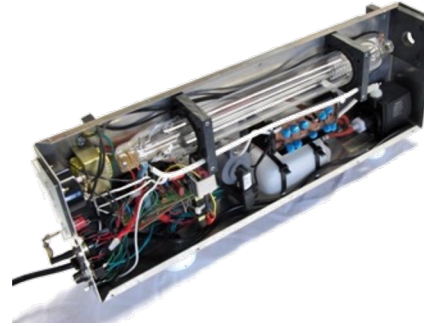
Adjustable Mode Beam and
QCW Lasers

High Power Nanosecond Pulsed
Pico and Femtosecond Pulsed



- Higher Productivity
- Compact
- Reliable
- Robust
- Efficient
- Minimal Maintenance
- No Consumables
- Scalable

TRADITIONAL LASERS



Carbon Dioxide (CO₂)



Lamp-Pumped Nd: YAG



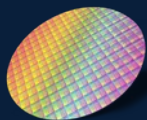
- Expensive
- Bulky
- Unreliable
- Difficult to Operate
- Inefficient
- Frequent Maintenance
- Costly Consumables
- Not Scalable

IPG Vertical Integration

Fab Operations

Semiconductor wafer growth

Diode processing, chip mounting & burn-in



Laser Diode Packaging

Up to 200 Watts of power



Optical Fiber
Silica based glass doped with rare earth ions



Fiber Blocks

Fiber Bragg Gratings
Isolators, Modulators



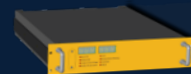
Laser Modules

Up to 3 kW



Power Supplies

Control Electronics



Industrial Lasers

Coupling | Final burn in | Shipment



Process Heads, Monitoring and Switches

All fiber beam delivery





INTEGRATED SYSTEMS


WELDING | ABLATION
DRILLING | CLADDING
CUTTING | CLEANING


DEEP IN TECHNOLOGY
DEEP IN EXPERIENCE

IPG Photonics - Today







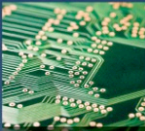










\$1.4 Billion
REVENUE



49,000
DEVICES SHIPPED



~6,200
EMPLOYEES



5,000+
CUSTOMERS


Industries

 Bridges	 Automotive	 Aviation	 Ship Building
 Transportation	 Photovoltaics	 Microelectronics	 Heavy Industry
 Pipelines	 Medical Devices	 Railroads	 Energy Sector
 Batteries	 Consumer Devices	 Space	 Oil & Gas


1990
FOUNDED

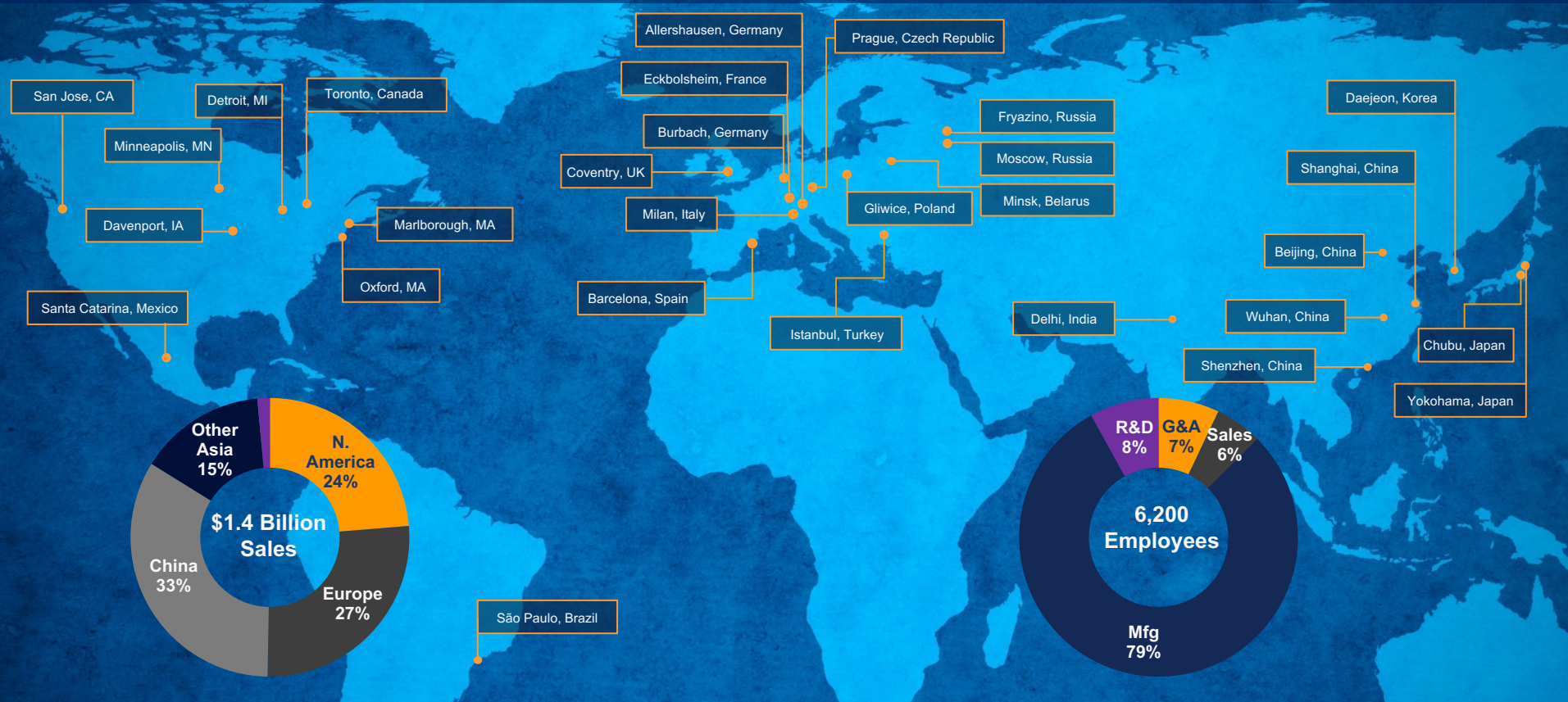

Nasdaq IPGP
STOCK TICKER


Marlborough, MA
HEADQUARTER


20+
COUNTRIES

Based on 2022 Data

Global Presence - Today



Global Presence – back in 1998



Burbach, Germany

Fryazino, Russia

Milan, Italy

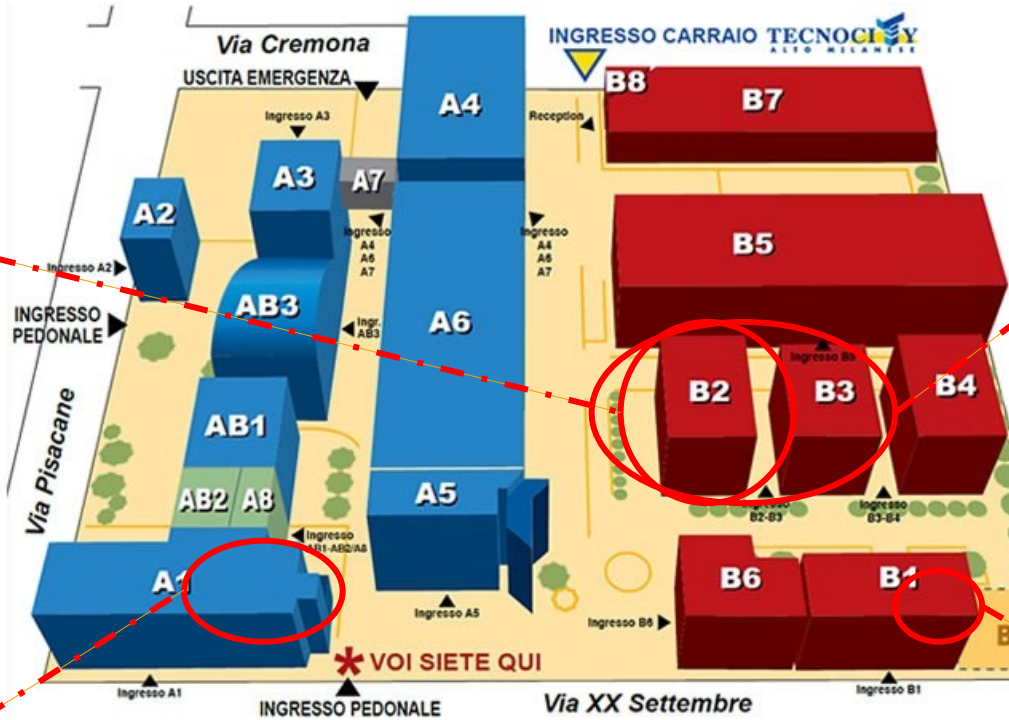
IPG Photonics Italy Srl – the story 1997 - 2011

2002 - 2008
12 employees
1200 m²
Revenue 5.7 M€

Sept. 1998 - 2002
8 employees
200 m²
Revenue 1 M€

2008 - 2011
25 employees
1600 m²
Revenue 27 M€

Founded Dec. 1997
4 employees
15 m²



IPG Photonics Italy Srl - Today



€ 80 million
REVENUE



4,000+
DEVICES SHIPPED



~200
EMPLOYEES



700+
CUSTOMERS



Cerro Maggiore (MI): K21 (3.600 m²) + XI/9 (1.500 m²)



THANK YOU