FIBRAIN®

From a single fiber to a global network



Our partner’s trust and satisfaction serve as the foundation of our business, driving us to strive for higher goals and explore new possibilities.

RAFAŁ KALISZ, CEO OF FIBRAIN

Polish producer in fiber optic and photonics sector

Over 30 years, FIBRAIN has been developing modern infrastructure and connecting people around the globe.

DEVELOPED IN EUROPE

Commitment to invest in advanced production centers and modern infrastructure powers industry leadership.



HEADQUARTERS GŁOGÓW MAŁOPOLSKI



FIBRAIN FIBER OPTIC R&D AND MANUFACTURING CENTRE IN ZACZERNIE (II)



FIBER OPTIC TECHNOLOGIES & PHOTONICS MANUFACTURING LABORATORY CENTER IN ZACZERNIE (I)

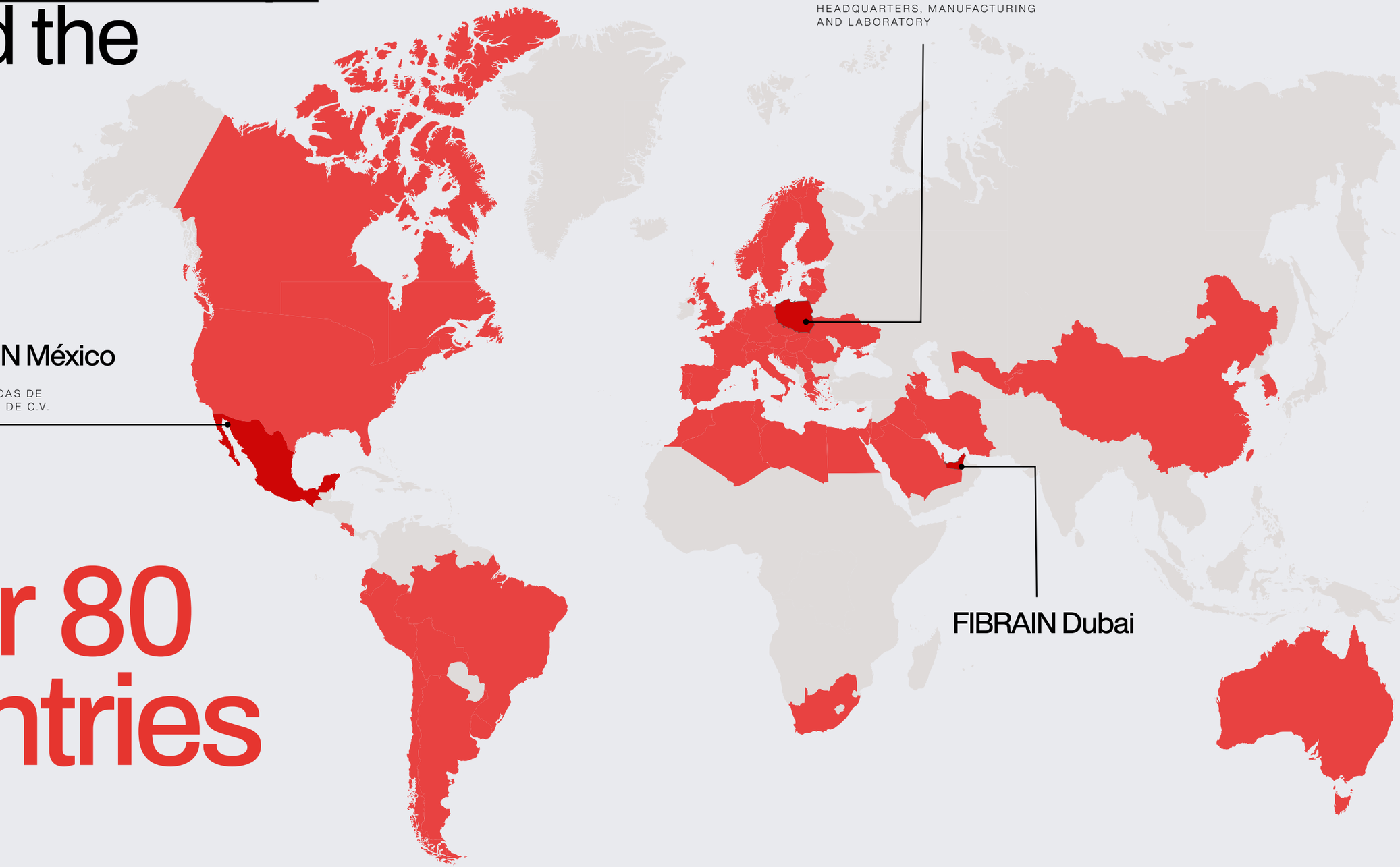


FIBER OPTIC CABLE MANUFACTURING AND LABORATORY CENTER IN JASIONKA



FIBRAIN MÉXICO

Our partnership around the world



Over 80 countries

worldwide

Driven by quality, defined by trust.

Premier cable solutions – the broadest selection of products, services, technologies, and expertise

Business sectors



MINING



INDUSTRIAL



RENEWABLE ENERGY



TELECOM



SHIP & OFFSHORE



MILITARY



POWER PLANT



OIL & GAS

A winning formula: top quality meets cutting-edge technology

At FIBRAIN we have the philosophy of achieving the trust of our customers, meeting their needs in line with maintaing all necessary norms and standards.

SGS

ISO 9001:2015
Quality Management Certificate

SGS

ISO 14001:2015
Environmental Management Systems

SGS

ISO 45001:2018
Health and Safety Management

NATO Commercial and Government Entity Code

THIRD PARTY TESTING 3P

BRONZE | Top 35%
ecovadis
Sustainability Rating
DEC 2024

OBRC

IAF

DELTA

orange Orange Labs

CNBOP-PIB

VDE

UL Solutions

Green leadership

Sustainability

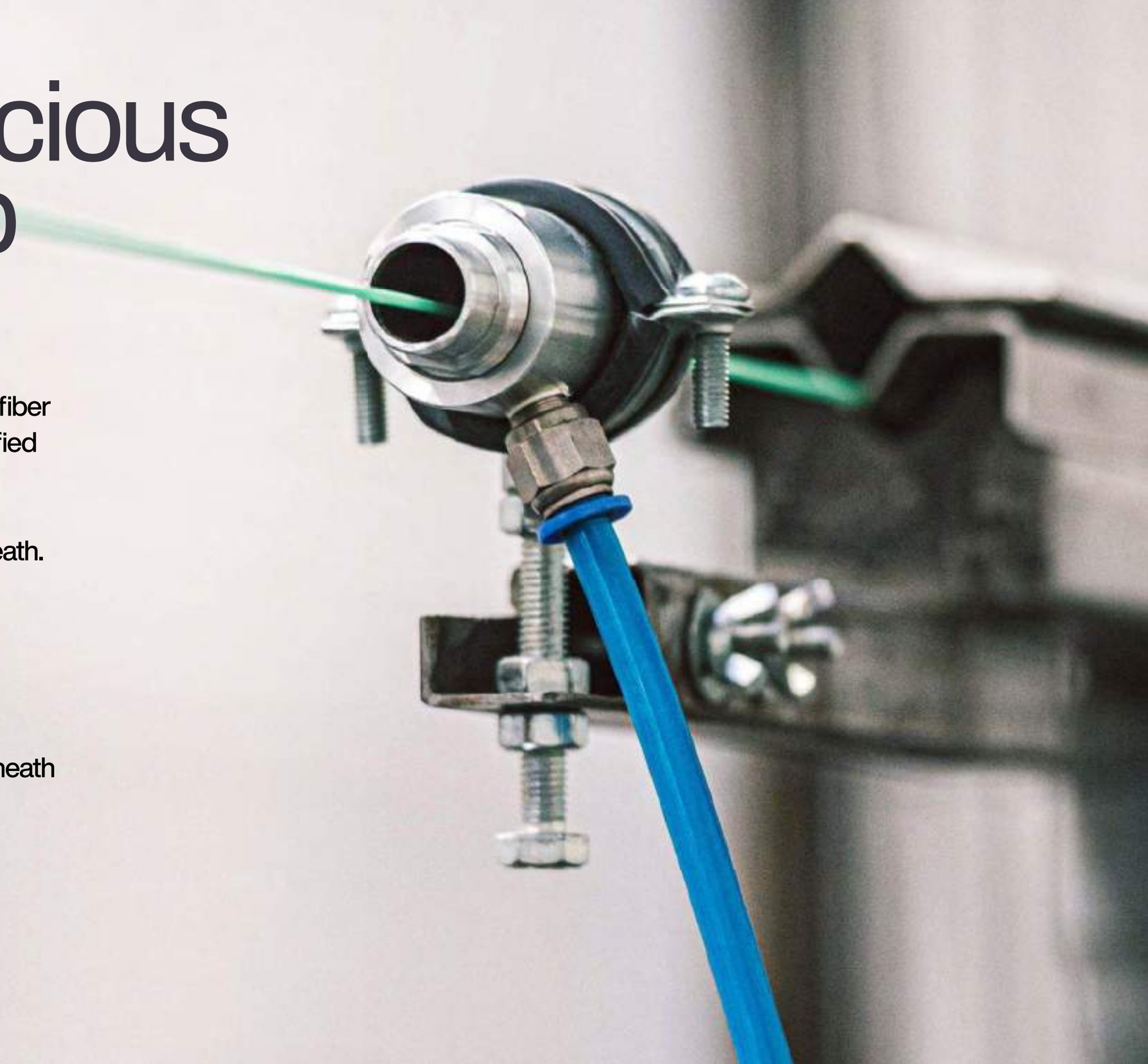
Eco-conscious leadership

CO_2 emission reduction per 1000 km of fiber optic cable by using recycled ISCC certified polymers.

5% renewable based polymer cable sheath.
1002 kg CO_2 reduction.

20% renewable based polymer
cable sheath. 4 009 kg CO_2 reduction.

50% renewable based polymer cable sheath
10 022 kg CO_2 reduction.



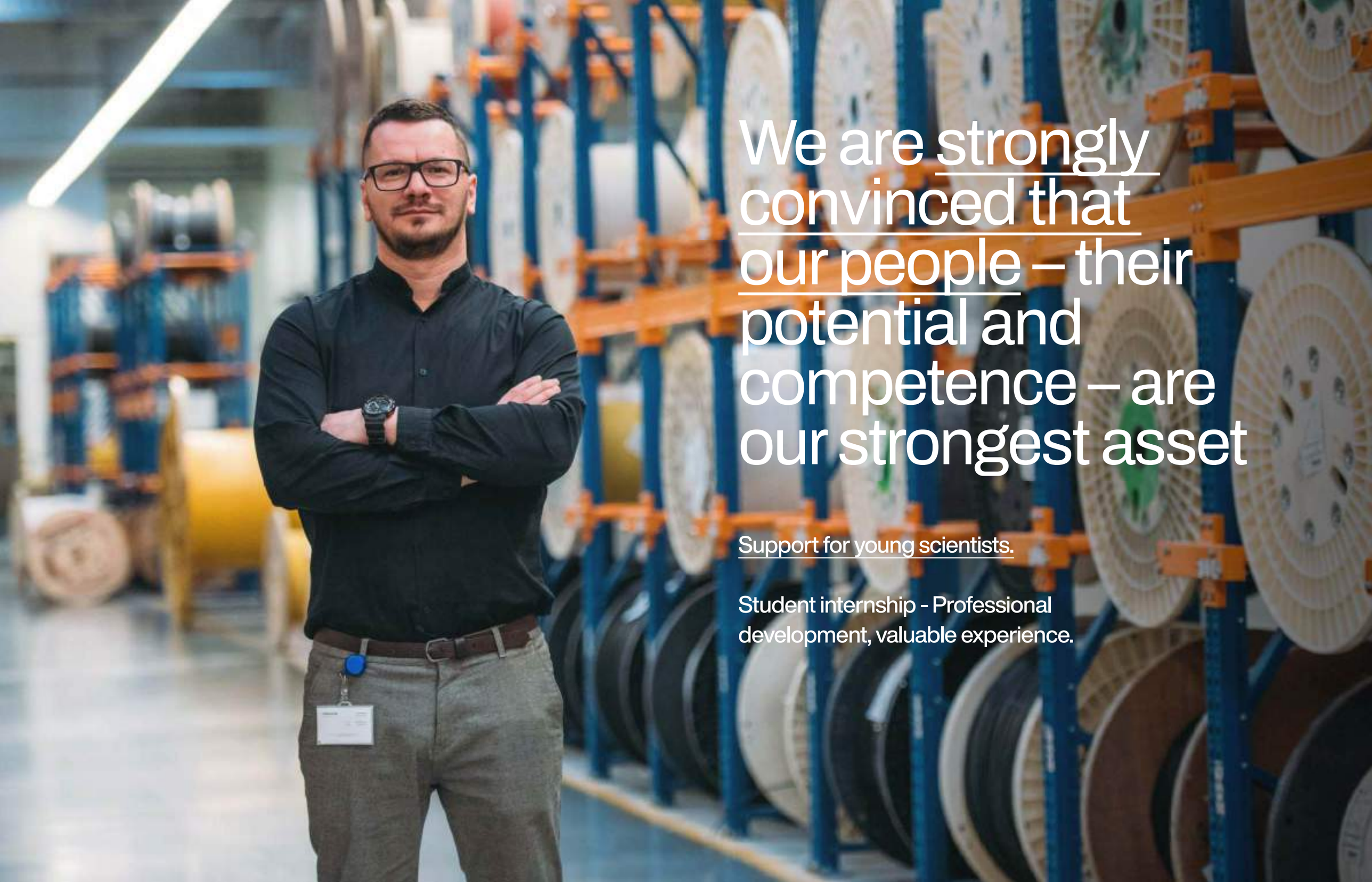
Where every detail matters because quality comes first

Technology and expertise our foundations for corporate success.

27 patents
Developing technical know-how.

5 R&D Depts
Cutting-edge equipment.

Design, produce, supply.



We are strongly convinced that our people – their potential and competence – are our strongest asset

Support for young scientists.

Student internship - Professional development, valuable experience.

Our people the asset like no other





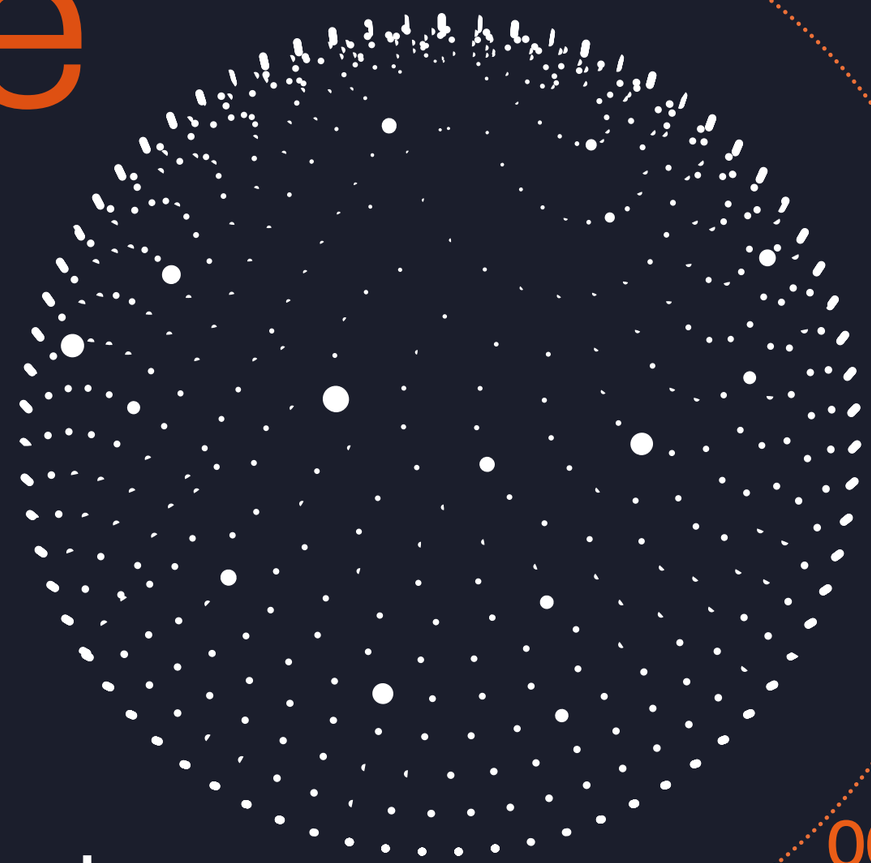




+800 employers

A key element that has contributed success are our employees. FIBRAIN aims at creating the best working environment in which each employee feels valued.

Innovations illuminate our way forward



01. Optical fiber manufacturing

02. Fiber optic Cable Production

03. Passive Optical Network Solutions

04. Connectivity & Fiber Optic Equipment Manufacturing

05. Network Distribution Systems & Products

06. Structured Cabling System with 25-year warranty

07. Safe and Reliable Active Devices

A comprehensive product portfolio → www.fibrain.com

FIBRAIN is one of only 10 companies worldwide to produce in-house optical fiber.

Preform
& optical fiber



THE OPTICAL FIBER DRAW TOWER
WHERE TEMPERATURE
REACHES 2000°C.

Optical fiber manufacturing

Highly-qualified experts in the fiber optics sector.

27 patents developing technical know-how.

FROM A 150MM DIAMETER OF GLASS PREFORM, WE GET 0.125MM FIBER.

01.

Innovations are driving force our progress. World's unique, innovative R&D and production center. Independent, low-emission fiber optic manufacturing.

The pioneering, eco-friendly Preform & Fiber Manufacturing.
Fiber thickness under control, along with many other parameters.









Independent manufacturing.

Fiber Optic Cables

+100 000KM CABLES
PER YEAR.

MORE THAN 2000
CABLES TYPE.

Fiber Optic Cable production

- Microduct cables
- DATACOM cables
- FTTH cables
- Telecom duct
- Telecom aerial
- Special design cables

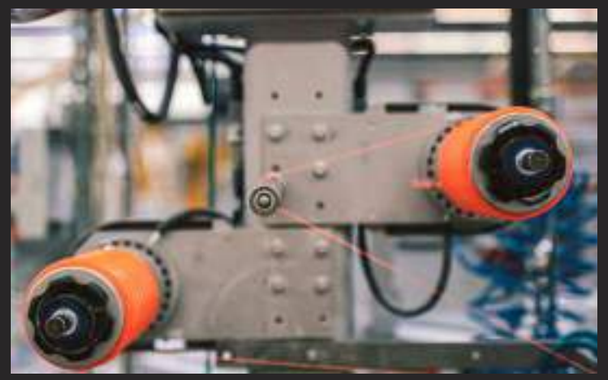
02.

Innovations are driving force of our progress.

Our unique technological base makes it possible for us not only to manufacture optical cables meeting the highest current market requirements, but also to create and manufacture innovative installer and eco-friendly cables for future applications.









HIGHLY-QUALIFIED
EXPERTS IN THE FIBER
OPTICS SECTOR.

5 R&D Depts

Cutting-edge equipment.

R&D Department

Passive Optical Network solutions

- Optical splitters and couplers
- WDM filters and multiplexers
- CWDM filters and multiplexers
- DWDM filters and multiplexers
- Optical isolators and circulators
- Optical attenuators
- Special passive devices
- Measuring devices and accessories

03.

R&D Department and Laboratory give FIBRAIN specialists the ability to perform accurate tests and create series of solutions specifically designed for the telecommunications markets which are based on FBT, CWDM , PLC and DWDM technologies.









+3 000 000 TERMINATED
CONNECTORS ANNUALLY.

Connectivity & Distribution

FIBRAIN. One the biggest producer of FO equipment in Europe.

Connectivity & Fiber Optic Equipment Manufacturing

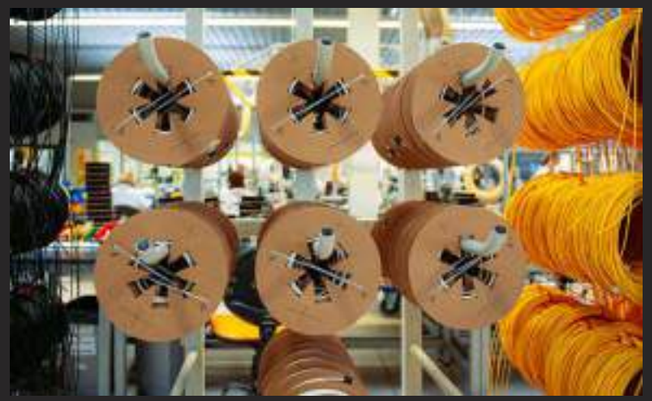
- Multifiber preconnectorized cables
- Fiber optic adapters
- Launch cables
- Fiber optic patchcords and pigtails
- Master patchcords
- Multifiber connector solutions
- Mechanical solutions

04.

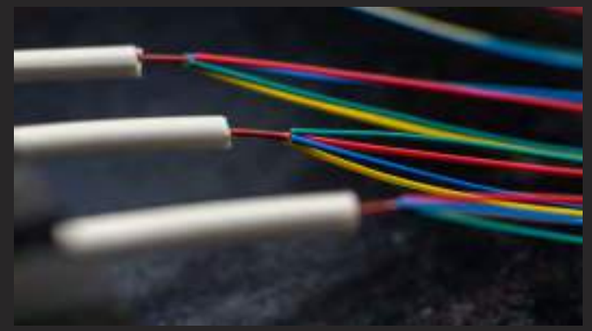
We are an independent producer.

Therefore, we are committed to provide world-class products which effectively and efficiently meet the needs of our customers.









Network distribution systems & products

- Patch panels
- Wall mounted cabinets
- FTTH cables
- Outdoor cabinets
- Fiber optic closures
- Cables racks
- Microduct system

05.

Mounting numerous components on-site.

A fiber optic network is a complex system which consists of many accessories in the form of fiber optic equipment. Each of these element is very important and has a direct impact on the proper operation of the network.









Structured cabling system with 25-year warranty

- Copper and fiber optic Installation cables
- Patch panels
- High density solutions
- Master patchcords
- 19” Racks

06.

Structured cabling solutions are well-known and fully certified solutions to meet specific requirements.

Designed with assistance from network planners and installers, FIBRAIN Data guarantees ease of installation and the highest performance.









Active devices

HALNY

BY FIBRAIN

Safe and reliable active devices

- Optical modules SFP/XFP/SFP+
- Media converters
- GPON OLT, GPON ONT
- Ethernet switches
- Industrial switches
- Optical multiplexers, electrical multiplexers
- Ethernet switches
- Controlling & measurement centrals and telecommunication testers
- Management systems NMS/EMS

07.

Unlock the potential coming from FTTH and passive optical LAN and connect to what we care about.
We are experts committed to solving interoperability and provisioning problems in GPON & XGS-PON networks to deliver the best TCO products and solutions for network operators.









What makes FIBRAIN a worthwhile collaboration partner?

- European production
- Independent and self-reliant producer
- More than 30 years on the market
- International experience worldwide
- Quality at a reasonable price
- Comprehensive solutions with system warranty
- Production flexibility - customized products
- Support for young scientists

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