



Focuson PCB[®]
from design  to assembly

15-16 May 2024
Vicenza Expo Centre


Organized by:

NÜRNBERG MESSE

Sponsored by:

GRUPPO PCB
assodel





Focus on PCB - from design to assembly returns to animate the global panorama of the printed circuit board with its third edition, at Fiera Vicenza from 15 to 16 May 2024.

The second edition of Focus on PCB 2023 confirmed the winning formula of the event, characterized by an exponential growth of exhibitors and +27% of visitors compared to the first edition, with an outcome, using the acronym PCB, **P**roductive, **C**onstructive and **B**rilliant!

Focus on PCB is therefore confirmed as the only event in the European B2B exhibition scene dedicated entirely to the world of printed circuit boards, a meeting opportunity for professionals in the industry characterized by a lively and productive networking atmosphere and a high-quality level.

Born from the desire of the PCB Assodel Group, from the experience of the NürnbergMesse Exhibition Group and sponsored by ANIE Componenti Elettronici, the event maintains the objective of creating **an unmissable opportunity** for discussion and business for all operators in the supply chain, **from the designer to the end user**, which leads into an exchange of ideas, the focus on needs, the development of new proposals and suggestions useful to create inspiration and to become the object of targeted studies, so to give **new and solid answers** to the needs of a market that is strategic at a global level.



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At Focus on PCB the only Italian stage of the IPC Hand Soldering Competition

Focus on PCB 2024 renews the **profitable partnership with IPC**, which in 2023 made the trade fair the scene for the first Italian stage of the famous **Hand Soldering Competition**.

IPC is the leading global electronics industry association, promoting more consistent, profitable and competitive, more reliable and high quality products through standards, certifications, education and training, thought leadership, advocacy, innovative solutions and industry intelligence.

The Championship, organized by IPC, aims **to identify the best talents** of what is an increasingly difficult resource to find in the electronics industry to celebrate their skills. Through the soldering competition, IPC intends to turn the spotlight on the extraordinary technical skills demonstrated by soldering and electronic assembly professionals.

With its **20 competitions** organized in different countries around the world, the IPC Hand Soldering Competition annually attracts over 1,500 international professionals who compete to win the title of World Champion.

The Italian premiere, organized on the occasion of Focus on PCB 2023, was attended by 28 professionals, including 9 women.

"We chose Focus on PCB to host the IPC Hand Soldering Competition for the first time in Italy because it proved to be an event capable of attracting the best of the Italian and European electronics industry. We share with Focus on PCB the desire to highlight this unique skill set for our industry, where innovation and talent are key and so much need to be recognised and rewarded"

Philippe Léonard, IPC Senior director European operations

Product sectors

2024

PCB

- PCB Manufacturers
- PCB Distributors
- Sampling
- Mass production:
 - a. HMLV (high-mix, low-volume)
 - b. HVLM (high-volume, low-mix)
- Rigid PCBs
- Rigid-Flex & Semi-Flex PCBs
- Single sided PCBs
- Double sided PCBs
- Multilayer PCBs
- HDI PCBs (high density)
- Ate Board PCBs
- Aluminium PCBs
- Rogers PCBs
- Liquid cooled PCB
- Heavy copper and extreme copper PCBs
- Military and Aerospace PCBs
- PCB RF/microwave
- Backpanel

PROCESSING UNDER CONTRACT

- Assembly
- CEM
- EMS
- Prototypes
- Mass production
- IATF 16949: Certification for automotive industry
- Testing and Inspections
- Testing/Implementation of testing systems

MATERIALS FOR THE PCB PRODUCTION

- PCB Laminate Manufacturers/Suppliers
- Solder mask Manufacturers/Suppliers
- PCB Surface finishing Manufacturers/Suppliers
- Contractors of solder and coating (resins/silicones), other

MATERIALS AND EQUIPMENT FOR THE PRODUCT ASSEMBLY

- Flight Probe - 3D Inspection and X-Ray Inspection
- Soldering Solution and Soldering Robot
- Solder (wire - paste) and chemical consumable
- Cleaning Equipment and chemical cleaning solution

- Conformal coating and Resins
- Dispensing technology
- EDS Products
- Rework Systems
- Cleanroom Products

SERVICE PROVIDER COMPANIES FOR PCB INDUSTRY

- Drilling services
- Surface finishing services
- PCB testing and inspections services
- Master PCB routing services
- Master plants services
- Selective soldering services

DESIGN, TOOLS AND SERVICES

- PCB master 3D analysis
- Design and System software simulation
- Web components libraries systems
- File sharing services for PCB design
- Mechatronics (moulds and 3D printers)
- Capture and/or conversion of electronic/circuit diagram
- Reverse engineering
- Technical, analog and RF simulation
- Thermal simulation
- Mechanical interference simulation
- In cloud services
- Augmented reality
- Components search

ELECTROMECHANICAL PARTS AND WIRING FOR PCB*

- PCB-related wiring manufacturers*
- Connector manufacturers
- Membrane keyboard manufacturers
- Shielding tape manufacturers
- Pin manufacturers
- Spring contact manufacturers
- Plastic housing manufacturers
- Wire-wound coil manufacturers
- Wire-wound inductance manufacturers (not in smt)
- Relay manufacturers

MANUFACTURERS OF PCB PLANTS AND EQUIPMENT

- Manufacturers of plants for galvanic systems
- Manufacturers of PCB automatic testing equipment
- Manufacturers of PCB washing equipment
- X-Ray CNC machines for the PCB production cycle
- Automation equipment

OTHER PRODUCTS AND SERVICES

- PCB and PCBA accounting companies and institutions
- PCB and PCBA design studios
- PCB and PCBA testing and analysis laboratories
- CAD stations and tools
- Ergonomic accessories for CAD stations
- Warehouse/stock
- PCB cooling/refrigeration systems
- Legal assistance and insurances
- Microscopes and digital vision system
- Measuring instruments and instruments for Quality Control
- Consulting
- Others

PRESS – ORGANISATIONS

- Administrators of PCB design blogs
- Trade press
- Associations
- Others

Focus on PCB 2023 visitors' data

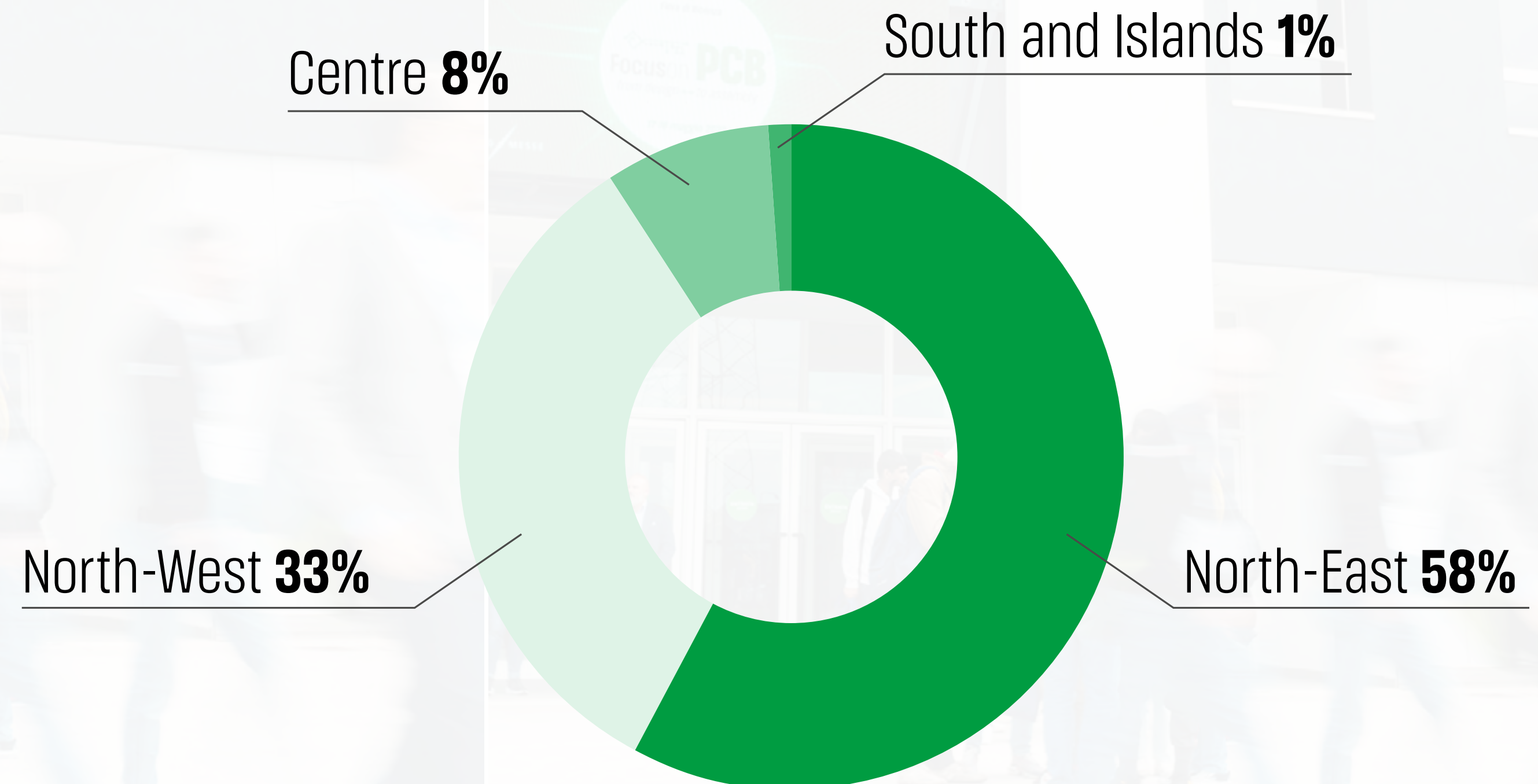
VISITORS

Italian	92%
International	8%

TOP VISITOR REGION

Veneto
Lombardia
Emilia Romagna

ITALY - ORIGIN BY GEOGRAPHICAL AREA

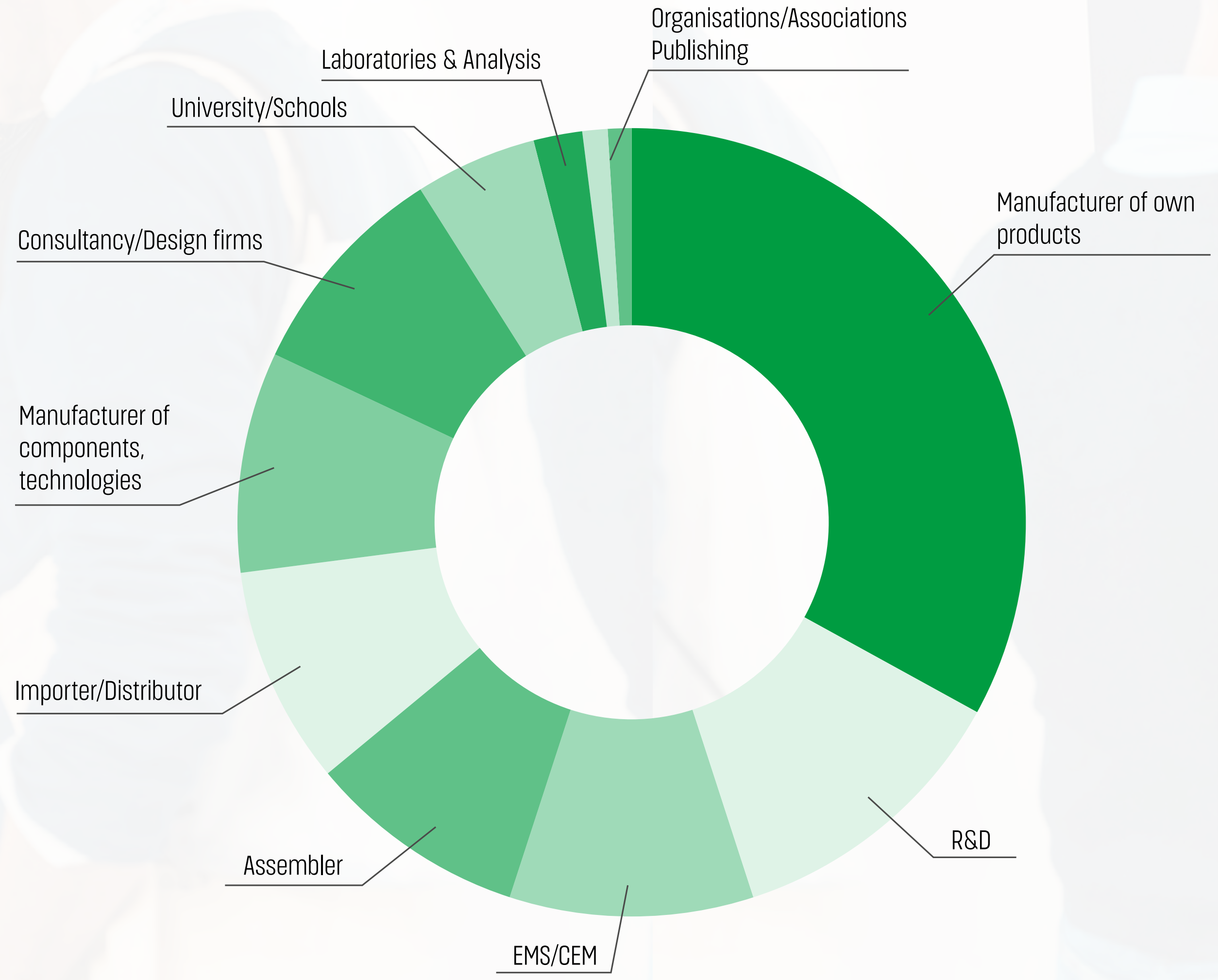


Focus on PCB

2023

visitors' data

Company's activity



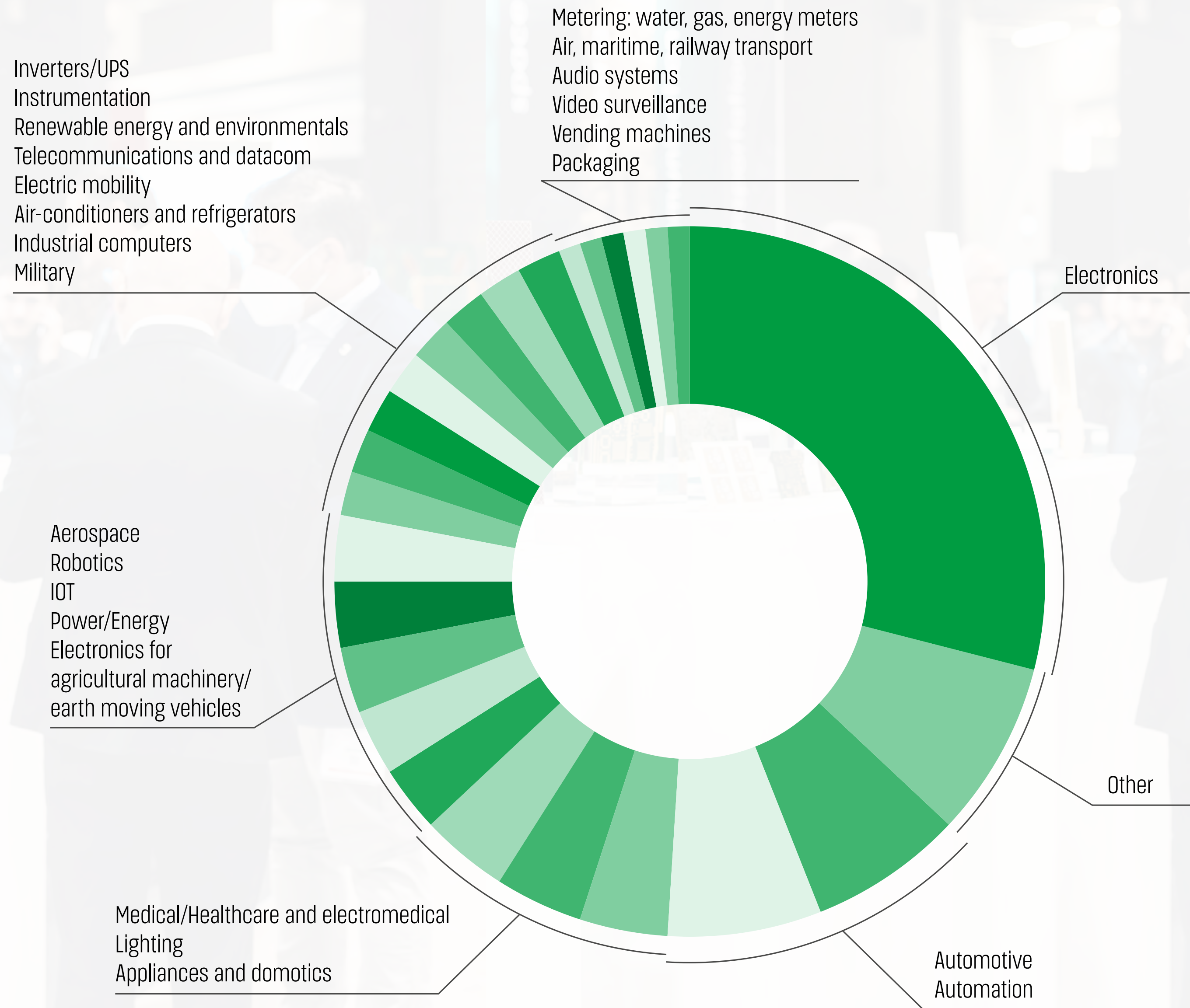
Focus on PCB

2023

visitors' data



Business sector

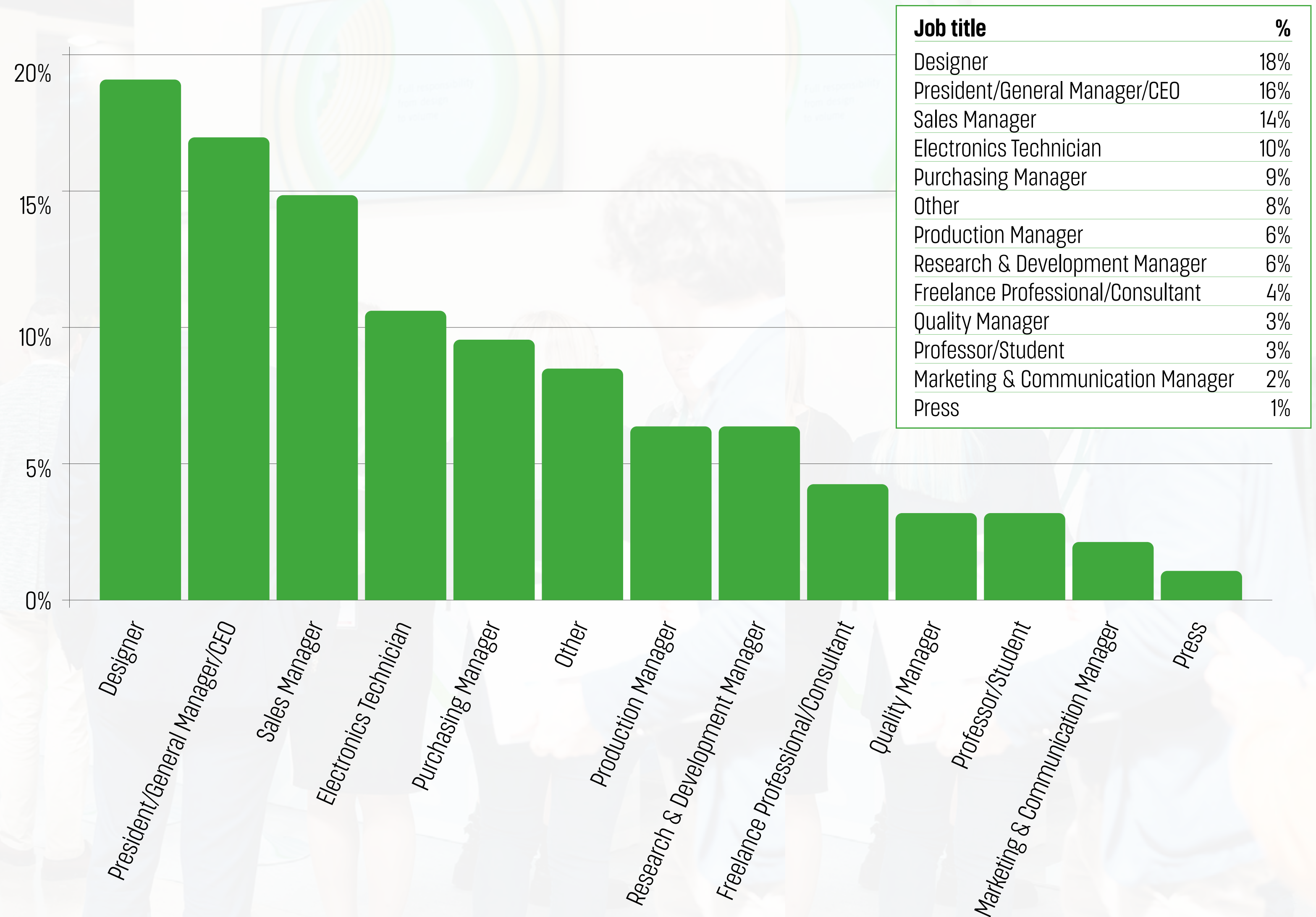


Focus on PCB

2023

visitors' data

Job title



Collateral program



 **Focus on PCB**[®]
from design to assembly

ISPEZIONE VISIVA

LINEE GUIDA

1. Effettuata su
 2. Valutazione d
 3. I criteri di acc
- appartenenz

At **Focus on PCB**, the exhibition space is accompanied by a rich program of **specialist conferences** and **technical workshops** with industry experts, entirely **translated into Italian and English** for an increasingly international audience.

An unmissable opportunity to explore the issues that animate the debate of the printed circuit board community, from sustainability to market penetration strategies, up to the latest innovations in the use of materials and production and assembly techniques.

Here are the conferences that the participants of **Focus on PCB 2023** attended with interest:

- **The PCB importance in the railway, automotive, military and medical industries**
Speech by **Mirko Giacomo Minaglia** from Leonardo, **Giuseppe Abate** from El&Tec, **Maurizio Borali** from MTA
- **Approach to sustainability in the electronic/pcb supply chain**
Speech by **Stefania Parisi** and **Mario Cianfriglia** from NCAB Italy, **Silvia Piazzalunga** from Fineline Global, **Viviana Salieri** from SGS, **Stefano Mazzola** from Gefran
- **Cash is king in the EMS industry**
Speech by **Dieter Ing. G. Weiss** from Weiss Engineering, In4ma
- **"The PCB in the context of the current market"** by Assodel
Speech by **Diego Giordani** from Assodel
- **Technology improvements for space application PCBs**
Speech by **Patrik Cestola** from Somacis
- **Multi-speed components market: structural and cyclical changes**
Speech by **Gabriele Braga** from ANIE Componenti Elettronici



 **Focus on PCB**[®] / *JOURNAL*
from design  to assembly

Born with the purpose **to inform, aggregate** and **strengthen the printed circuit board community** and to be a fil rouge for all the fair related topics: **Focus on PCB/Journal** is the official magazine of the exhibition **Focus on PCB** and of the PCB Assodel Group.

Published and produced by **Open Factory Edizioni**, **Focus on PCB/Journal** will be presented to the public at the Productronica fair and SPS 2023 trade show with a first issue that anticipates the formula that will be taken up in subsequent publications, every six months.

A supplement to èureka! magazine, the first B2B Italian magazine that aims to promote and spread the culture of technological innovation, of automation and research, and available as a booklet distributed at the **Focus on PCB** trade show, and also digitally browsable, **Focus on PCB/Journal** aims to deepen through interviews, market articles, stories, photo albums and columns, the latest news and trends from the world of printed circuit boards.

A real editorial compendium to the activities of the trade show and of the PCB Assodel Group, which places **Focus on PCB** as reference brand for the printed circuit board industry.



Communication campaign

- **Constant development and care of the printed circuit board community** created around the **Focus on PCB LinkedIn page** and creation of social advertising campaigns intended for a national and international audience of potential visitors on the social network
- **Close collaboration with Italian and foreign trade magazines and associations**, print and online, with advertising pages, banners, newsletters, DEMs and other content marketing measures
- **Promotion** of the fair in the **institutional press** in collaboration with the network of the NürnbergMesse group (organiser of embedded world)
- **Pre-fair radio announcements** on Radio 24
- **Promotion of the event** by the PCB Assodel Group and ANIE Componenti Elettronici
- **International publication and diffusion** of interviews and press releases
- **Creation of a video gallery on Vimeo** dedicated to workshops and conferences of the 2023 edition
- **Media partner:** collaboration with the most important and renowned Italian and international publications for the promotion of the exhibition and media coverage of the event



The Organiser



NürnbergMesse Italia has been on the Italian market since **2009** as **Italian headquarter of NürnbergMesse Group**, one of the **15 largest exhibition companies in the world**.

It includes NürnbergMesse GmbH and that company's 15 subsidiaries and affiliates. The Group employs more than 1,000 people at eleven locations in Germany, Brazil, China, India, Italy, Greece, Austria and the USA.

It also has a network of international representatives in more than 100 countries.

Its portfolio comprises some **120 national and international exhibitions and conferences** held in person and as digital events, focusing on five general fields: Retail & Consumer Goods, Building & Construction, Process Technology, Electronics & Security, and Social & Public.

Its events safeguard jobs; generate tax revenues as well as billions of euros in purchasing power effects each year, making NürnbergMesse a major economic engine for the Nuremberg metropolitan region and Germany as a whole.

As an employer and organizer of major events, NürnbergMesse assumes responsibility for people and the environment. It shapes its corporate actions in accordance with the 17 UN SDGs with the aim of achieving climate neutrality in energy supply by 2028.



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