



EMO
HANNOVER

18-23/09/2023

Hello, Digitalists!

IoT in Production

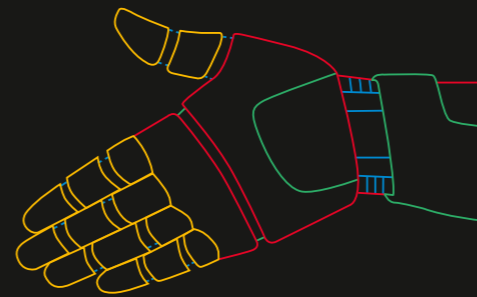
Innovate Manufacturing.

www.emo-hannover.de

// Nice to meet you! //

Welcome to EMO Hannover 2023.
The world's leading trade fair for
production technology.

September 18 to 23, 2023



Where factories become smart

Show what's possible!

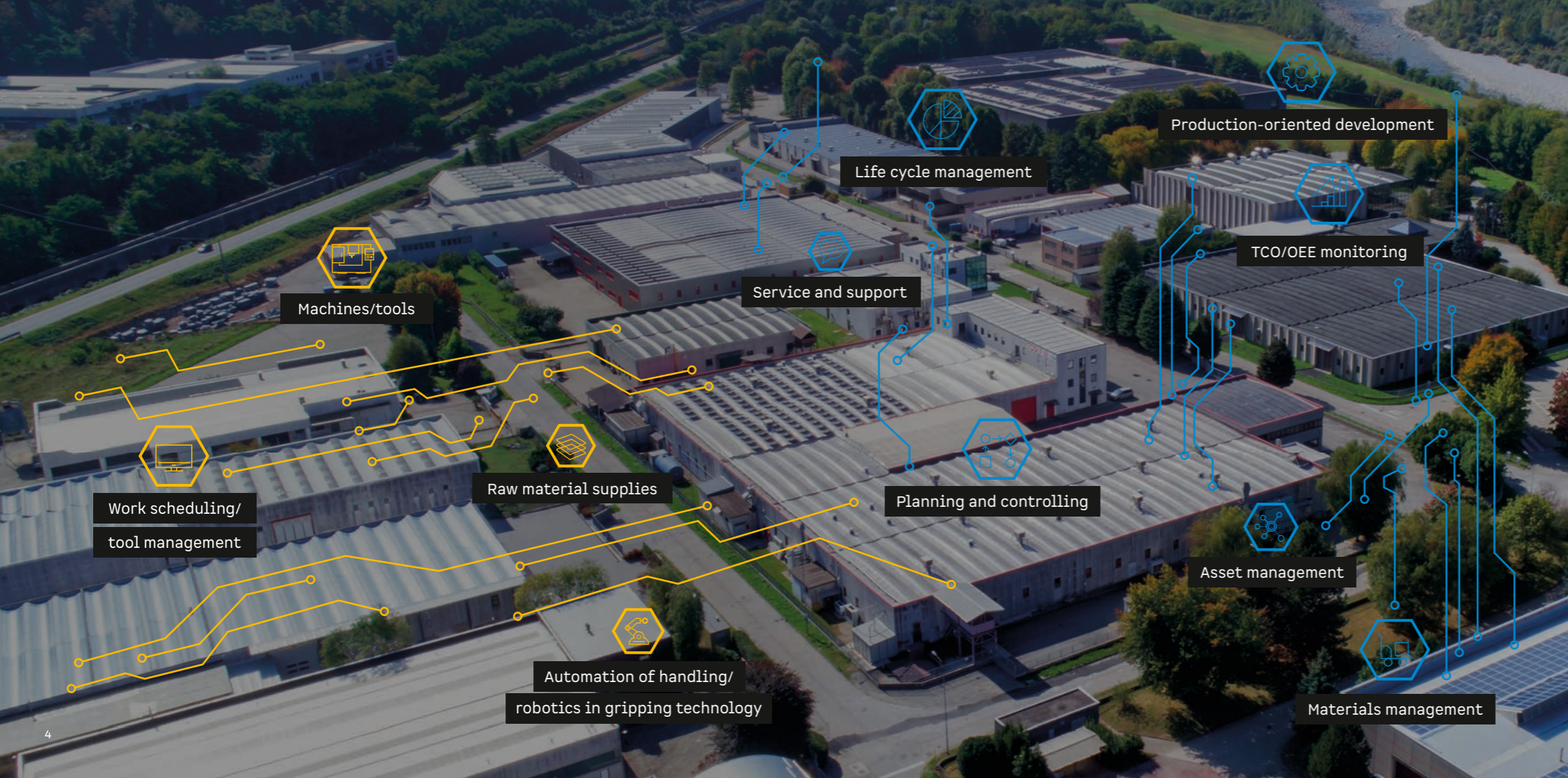
Present your digital solutions competence at the world's leading trade fair for production technology. The "IoT in Production" section of the trade fair is your platform for digital solutions - from data analytics, data management, digital twins or cloud services to process monitoring, predictive maintenance, AI and cybersecurity.

The intelligent networking of machines and products and their integration into the digital supply chain offer substantial potential for efficiency, productivity and quality.

EMO Hannover is the most important platform worldwide for production technology and its users. Together with you, we will actively progress modernization processes in manufacturing.

Be part of things!







The entire world of production technology on one spot

Our international exhibitors reflect the full value chain.

From production planning, manufacturing and automation all the way to quality assurance: intelligently networked with IoT solutions:

-  **Horizontal networking** between machines, systems, tools, measuring devices, etc.
-  **Vertical networking** from the shopfloor to the cloud

Welcome to our new “IoT in Production” platform

At the center of attention: your digital competence!

International production technology is changing at a totally unprecedented pace. Since our exhibitors' services and products by now extend well beyond the scope of metal-working, the central focus is even more clearly than ever before on the full range of production technology.

Consequently, EMO Hannover transforms the vast Hannover exhibition complex into a monumental factory. Here and only here is the full value chain of the latest in industrial production on display in a single space.

As the world's leading trade fair for production technology and as an international business platform, we are playing an active part in shaping Industry 4.0. For both, now and in the future, smart digitization solutions are the prime means of enhancing productivity:

/ Horizontally along the production chain
/ Vertically by means of intelligent data exchange between various business sectors

No other trade fair in the world brings together IT and software suppliers with exhibitors from all walks of the manufacturing industry as directly as EMO does. Present your products in our new “IoT in Production” exhibition area or at appropriate special stands and benefit from valuable encounters with decision-makers from across the entire sector.

EMO Hannover – where all aspects of digitized manufacturing come together



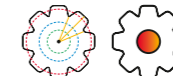
Machines/tools

- / Open interfaces
- / Networkable
- / On-edge computing
- / Self-optimization



Work scheduling/ tool management

- / Tool management systems
- / Tool databases
- / Tool presetting with direct connection to machines



Production-oriented development

- / CAD/CAM/CAQ/CAX
- / Manufacturing simulation



Asset management

- / Service planning
- / Maintenance
- / Purchasing spare parts



TCO/OEE monitoring

- / Production data collection (asset)
- / KPI analyses



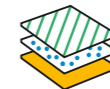
Life cycle management

- / Production data collection (manufactured product)



Automation of handling/ robotics in gripping technology

- / Open interfaces
- / Networkable
- / On-edge computing



Raw material supplies

- / Optimizing customization
- / just in time



Planning and controlling

- / MES
- / ERP
- / One piece flow
- / Self-optimization



Service and support

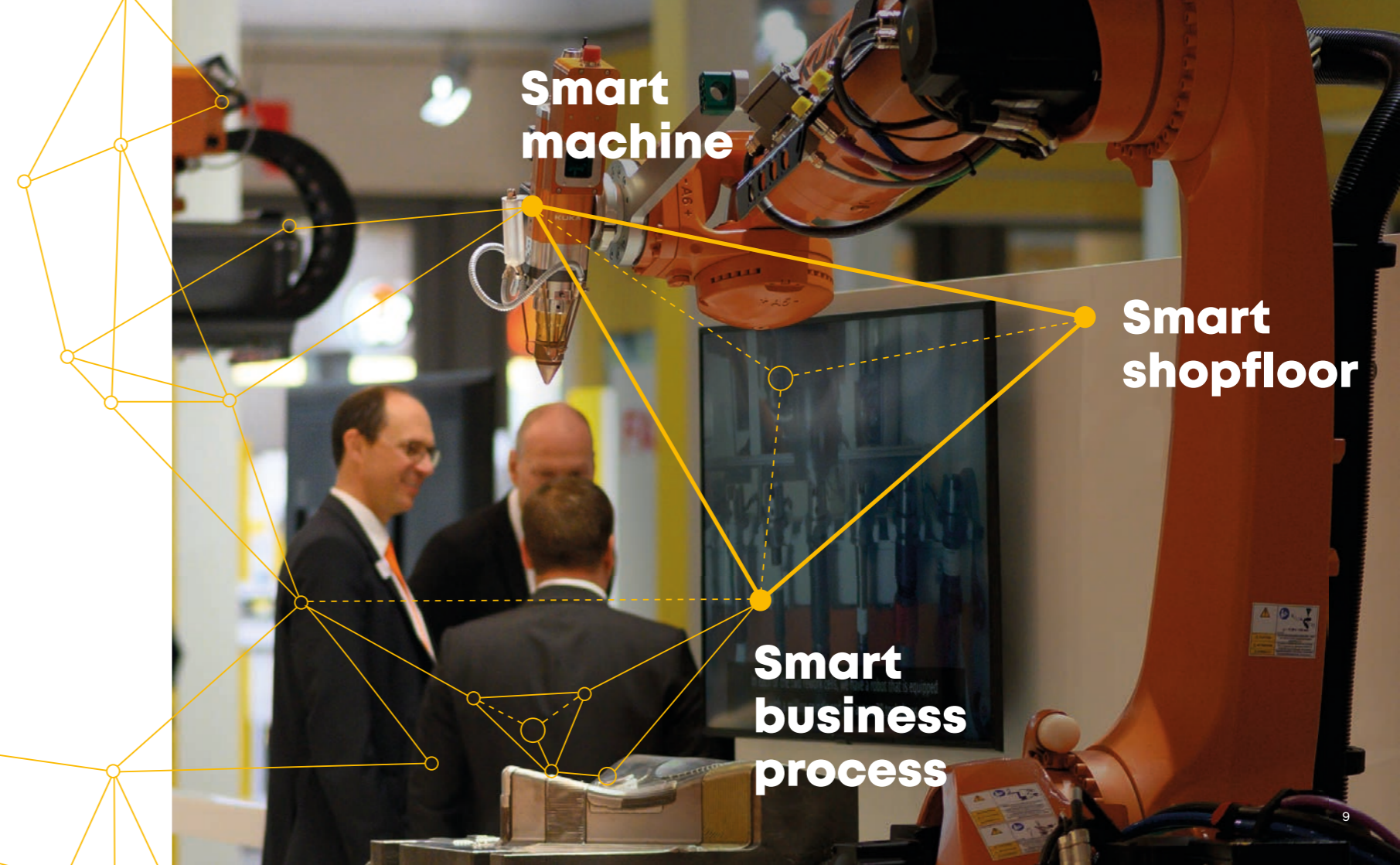
Let's talk business

Innovate Manufacturing.

EMO Hannover speaks many languages: Exhibitors from 47 countries presented their products and innovations in 2019. This is where trade visitors from around the globe find the partners best suited for their holistic and forward-looking investment decisions - and these are essentially influenced by digital processes. Data sourcing, data communication and data analyses are central elements in this, offering new opportunities for optimizing the productivity, precision and sustainability of production.

EMO Hannover is a "one-stop shop" that gathers together all the key players in the manufacturing industry: from medium-sized manufacturers of machines, tools and accessories to major IT corporations. We purposefully bring together exhibitors and the trade audience by means of an optimized, flexible trade fair concept, together shaping the future of Industry 4.0 - including artificial intelligence, smart production, and the Internet of Things.

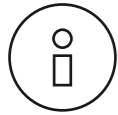
Meet up with a unique international trade community at EMO Hannover.



Smart
machine

Smart
shopfloor

Smart
business
process



Here an overview of the EMO Hannover 2019 KPIs:



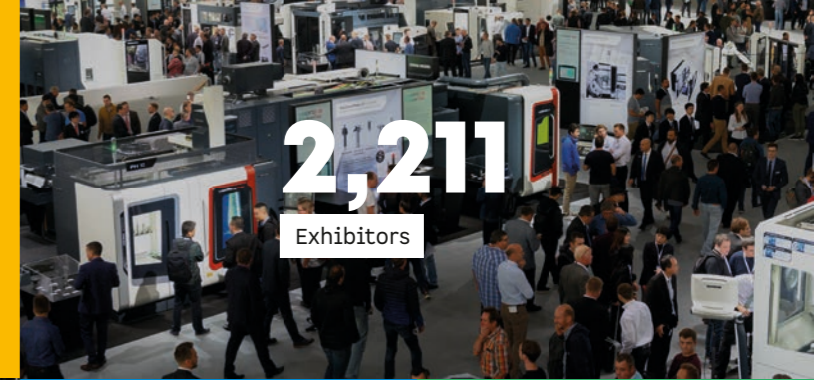
High rate of satisfaction among exhibitors at EMO Hannover



■ Ratio of highly satisfied exhibitors

▨ Ratio of satisfied exhibitors

Facts, please!



2,211 Exhibitors

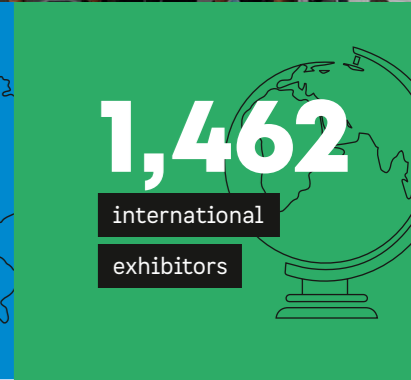


Exhibitors from

47 countries

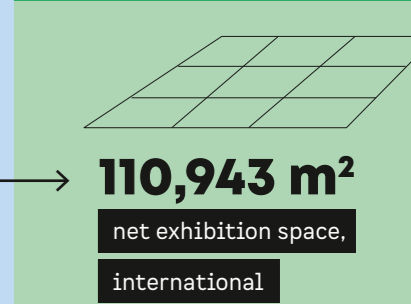
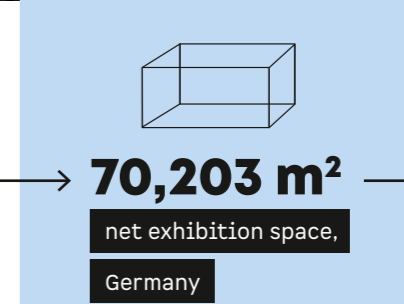
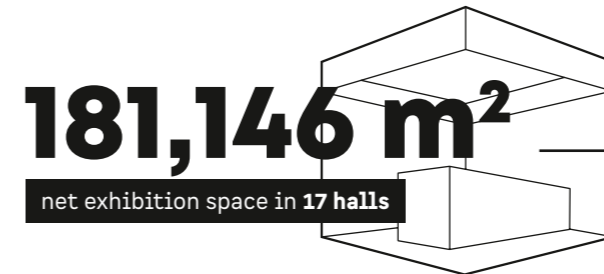


749 exhibitors from Germany



1,462 international exhibitors

2019 Exhibitors



2019

Visitors

98%

satisfied



116,706

trade visitors



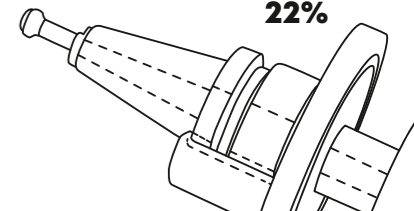
Professional status

- 16% / independent entrepreneurs/ co-owners, freelance workers
- 10% / CEOs/board members
- 12% / division managers/operations managers/ works managers/branch managers
- 18% / department managers/group managers
- 20% / skilled workers/other employees

Top interests



Top 5 subjects for EMO Hannover trade visitors: At 38%, "Industry 4.0" takes top place.



#EMO2019

Visitors from

149 countries

Countries of origin Top 20

- 6% Italy, China (People's Republic)
- 5% Turkey, Sweden, Netherlands, Japan
- 4% Russian Federation, Poland, Denmark
- 4% Switzerland, Czech Republic
- 3% Austria, France, Taiwan
- 3% India, Spain, Belgium
- 2% Great Britain and Northern Ireland, Finland, USA

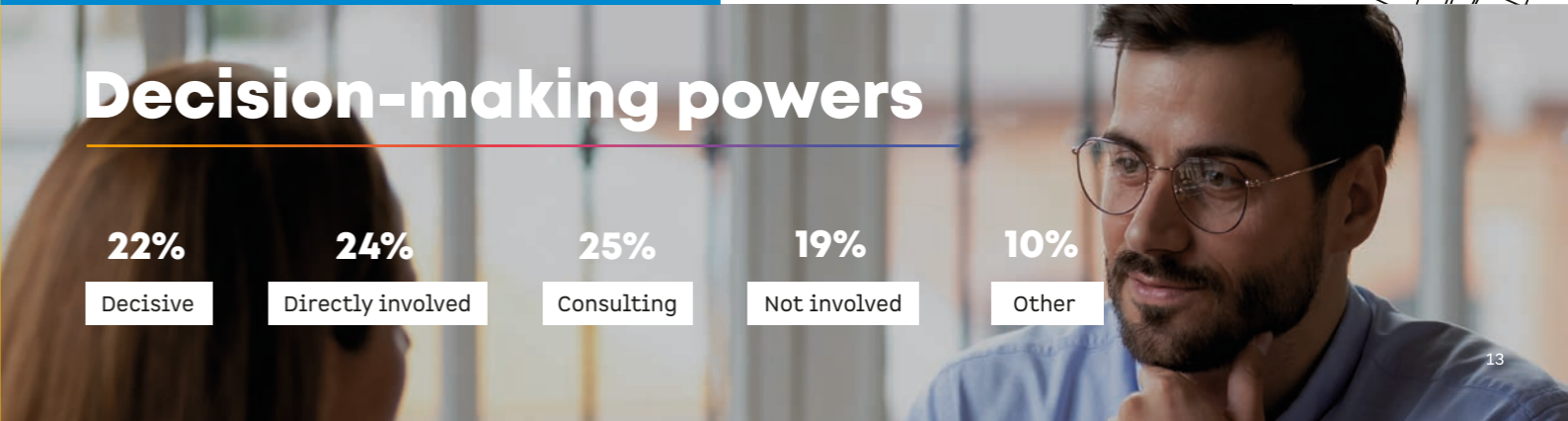
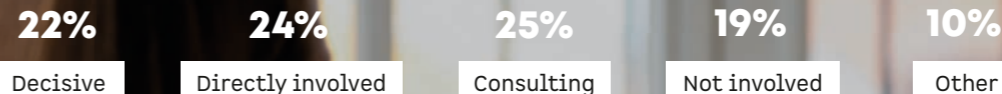
49%

visitors from Germany

51%

international visitors

Decision-making powers



Become part of the EMO Community

All megatrends in the sector in the Future Insights section of our website.

EMO Hannover showcases the key modernization processes for production technology. The Internet of Things connects all three of our Future Insights focal topics. The Future Insights offer you a continuous supply of up-to-date reports by experts from the manufacturing industry and ancillary sectors – before, during and after the trade fair.

Be part of things!



The future of business

Experts from the manufacturing industry and ancillary sectors share information on innovative business and sales models, new sales markets, forward-looking means of sales financing, opportunities from new work concepts, and much more besides.



The future of connectivity

New networking opportunities also offer new perspectives for smaller companies. Experience how you could benefit from new applications, artificial intelligence and smart production. This includes everything relating to the topics of Industry 4.0, Internet of Things, and much more besides.



The future of sustainability in production

Sustainability is the key topic for the future – in production too, and especially there. That is why the focal topic 'The Future of Sustainability in Production' focuses on innovative approaches and concepts for resource-saving and climate-neutral production and factory planning: from recycling management and circular value creation all the way to energy-efficient production, sustainable supply chains, and safe workplace design.



Stay in contact with the world's leading trade fair – 365 days a year.

Follow EMO Hannover on its IndustryArena, Facebook, Instagram, LinkedIn, YouTube, and Twitter channels for news and additional info, and use the world's leading production technology platform outside exhibition hours as well.



Follow us!



Wow!

See you soon!



Eine Messe des
A Fair by **VDW**

VDW – Generalkommissariat EMO Hannover

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