

SURVEY REPORT

Smart Process & Manufacturing Survey 2019

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RESPONDENT PROFILE

Target Group:

Production directors and plant managers

Approach:

Online via E-Mail

Inquiry Period:

November 2018

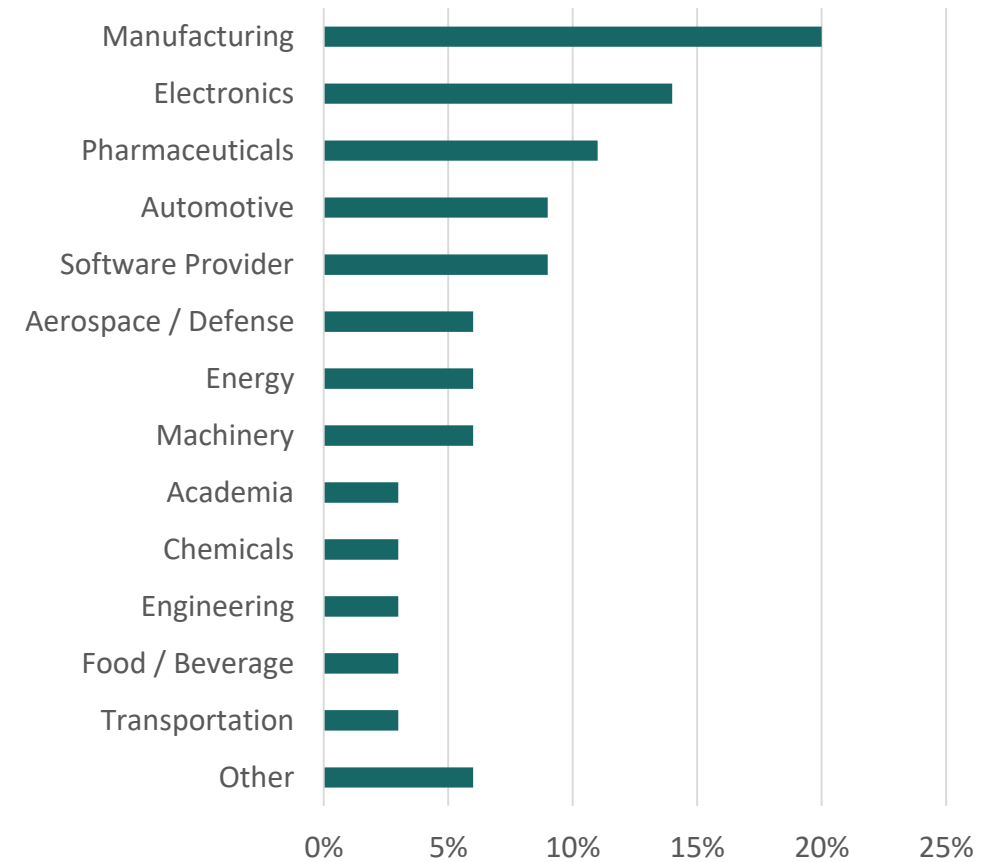
Participants:

116 Decision-makers from the fields of production, manufacturing, assembly, production planning, work organization, quality, quality management, quality assurance, sustainability, energy management, logistics, materials management, supply chain management, research & development in the process industry and discrete manufacturing

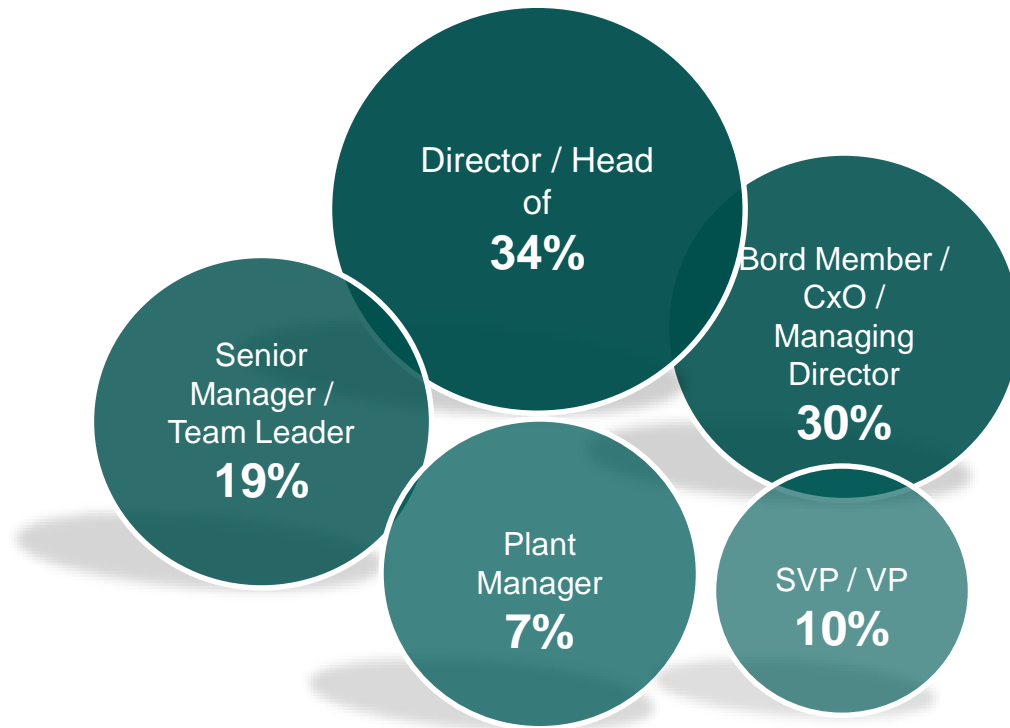
Published:

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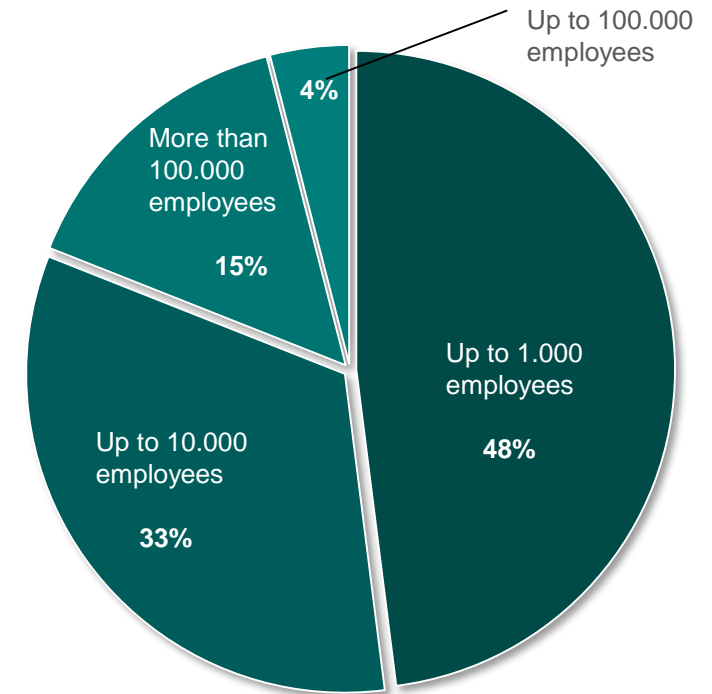
Branch of Participants



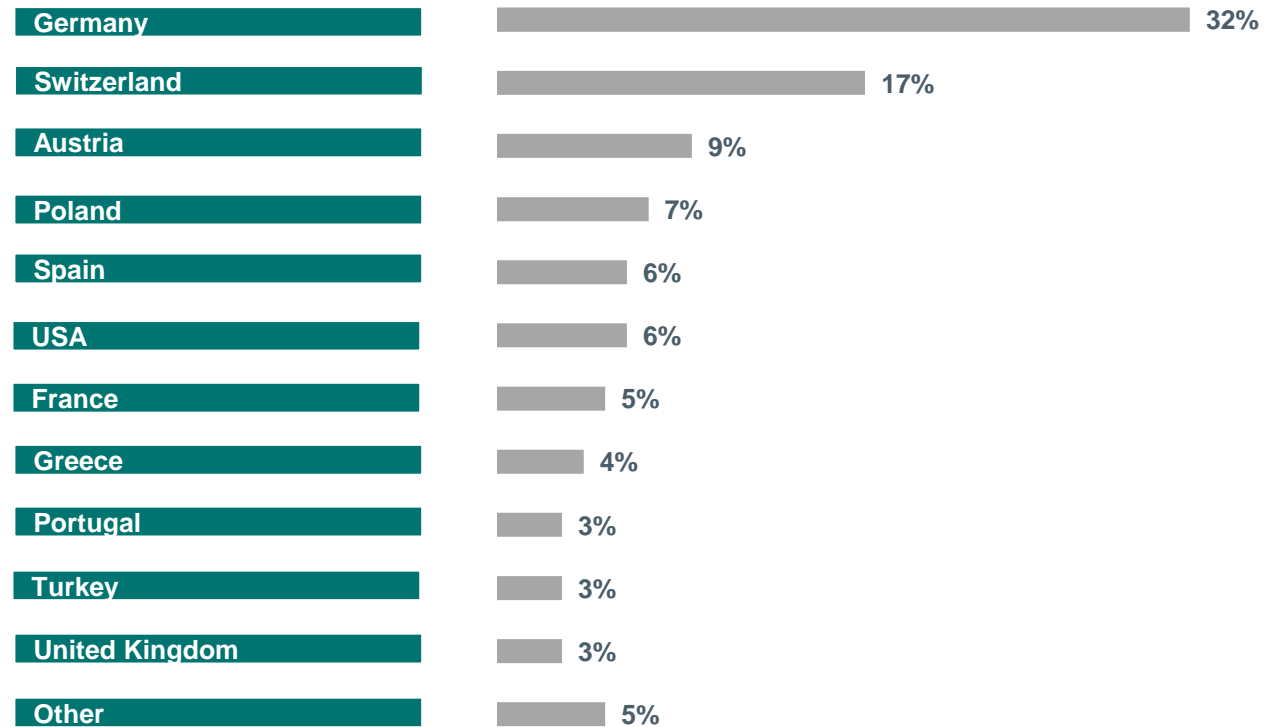
Job Level of Participants



Company Size



Where are the Participants' Companies Based?



TRENDS & CHALLENGES

Which Challenges do You Expect for the Production Area in the next 12 Months?

Digitalisation / Industry 4.0

- Implementation of IoT solutions
- Automation
- Use of Artificial Intelligence
- Becoming a Smart Factory
- Digital Twin
- Digital Printing
- Finding an overall strategy for digitalisation

Process Optimisation

- Increasing flexibility needs
- Increase in productivity
- Cost efficiency / cost pressure / cost reduction
- Agile development and manufacturing
- Cross-divisional transparency
- Connected supply chain

Market Demands

- Increase in material cost
- Global recession
- Individualization of customer requirements

IT Security

- Connection of MES / ERP Systems
- Cyber Security
- Security of newly connected systems
- Cloud Computing

Workforce 4.0

- Lack of qualified labour
- Human Resources / Know-how
- Change Management

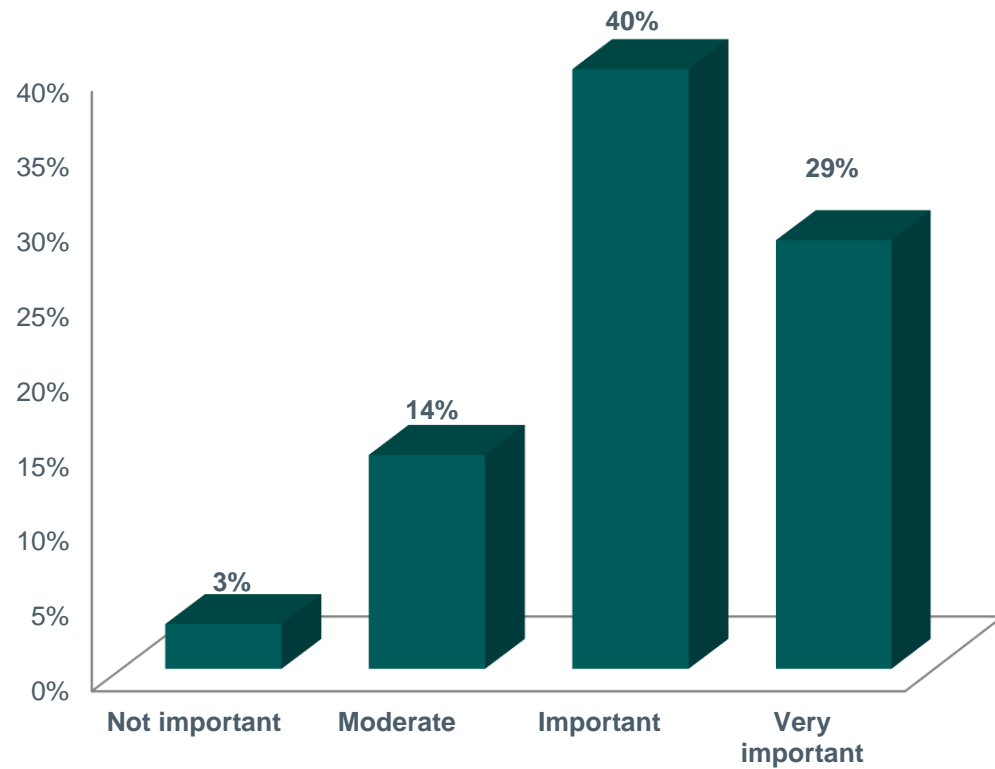
How Do You Think Your Company is Prepared for these Challenges?*



3,4 Average Rating*

*1 – not good 5 – very good

How Important is Industry 4.0 / IIoT in Your Company?

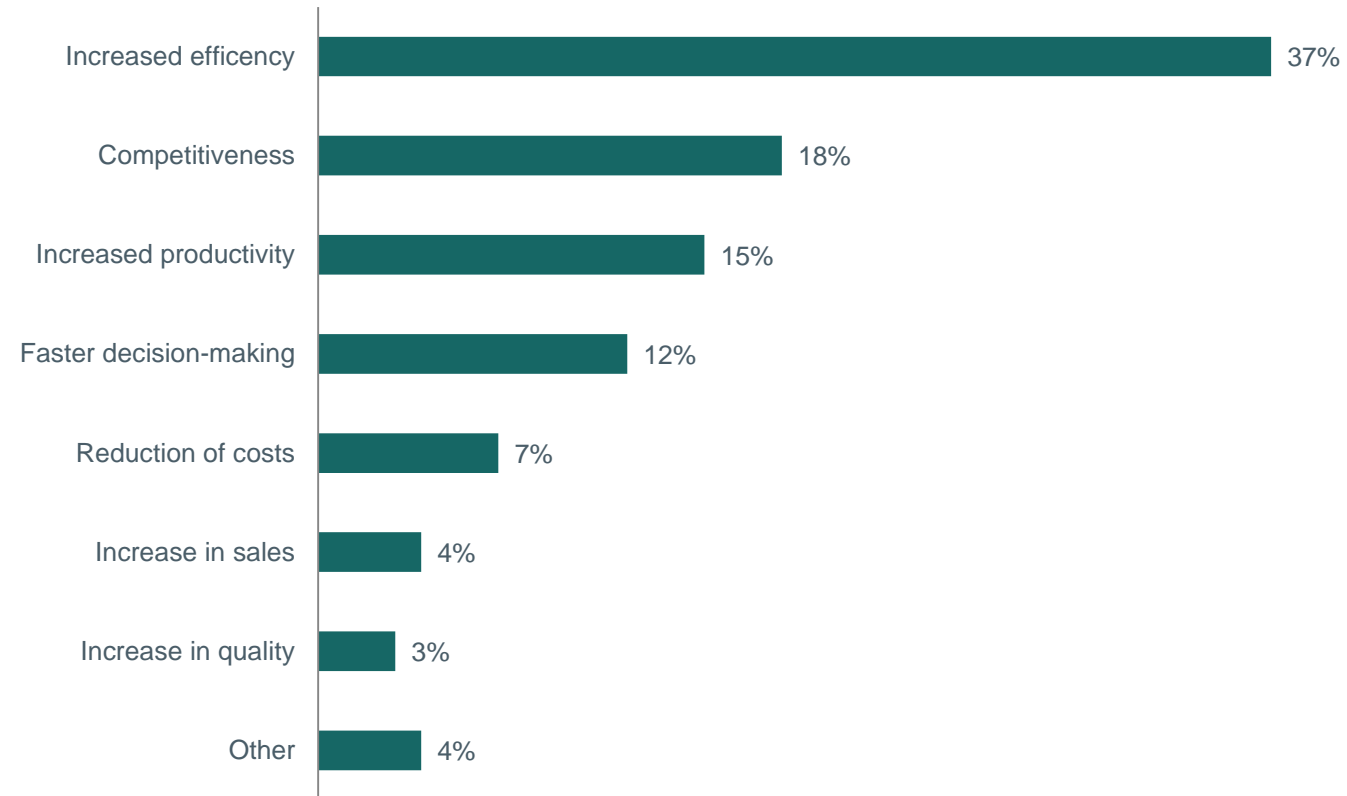


What is the Implementation Status of Smart Technologies and Industry 4.0 in Your Company?



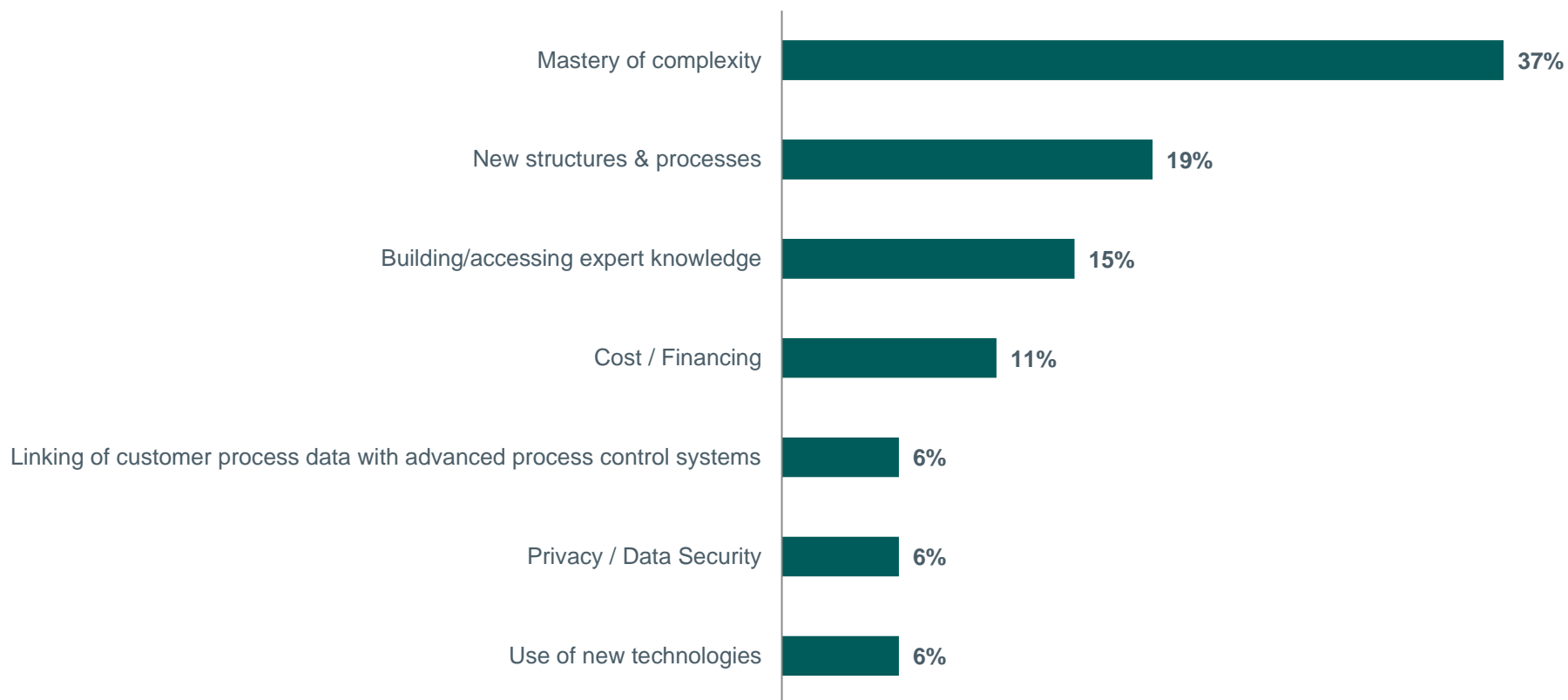
*1 – no automation 5 – fully automated

What Advantages / Optimizations Do You Expect for Your Company through Industry 4.0 / IIoT?*



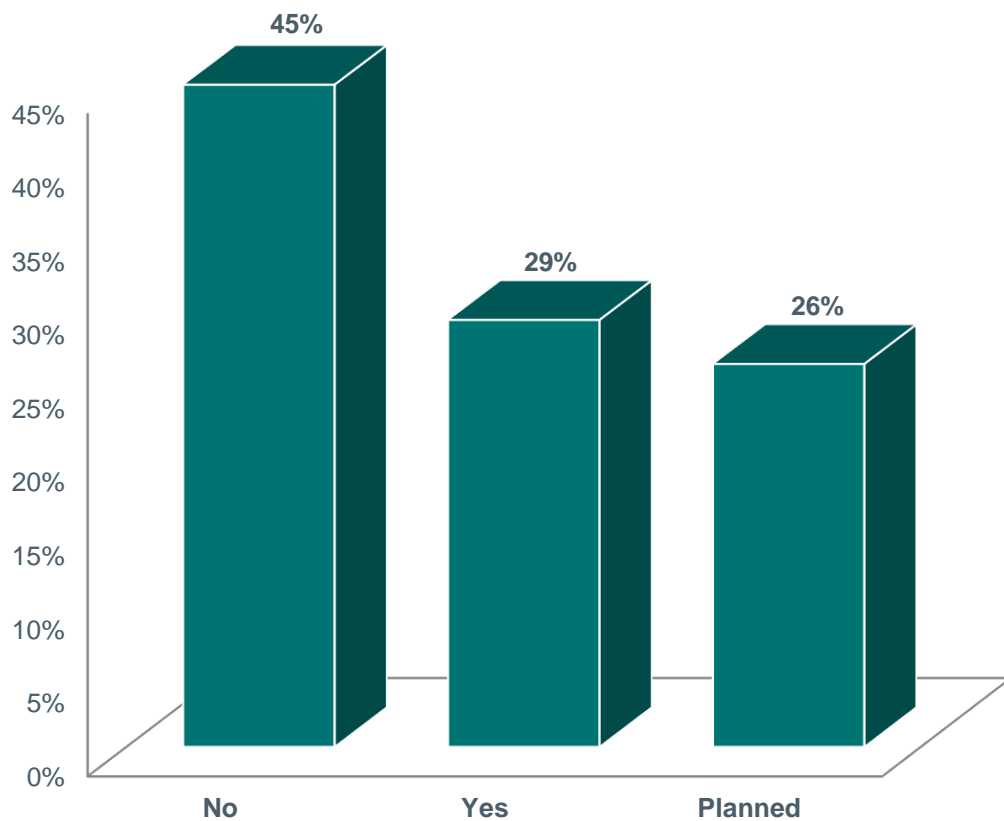
*multiple answers possible

What is the Biggest Hurdle in Your Company for Implementing Industry 4.0?*



*multiple answers possible

Is Artificial Intelligence an Issue in Your Company?

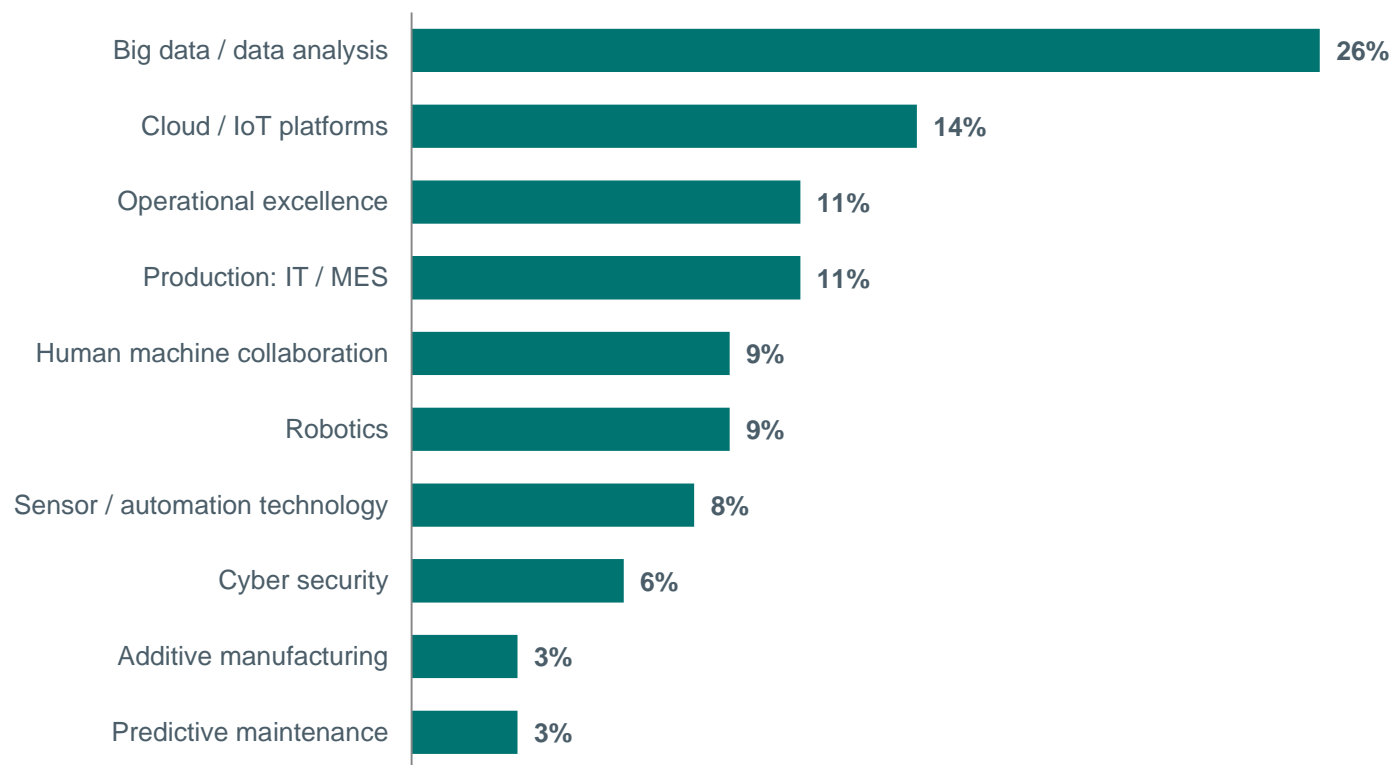


How Advanced is Predictive Maintenance in Your Company?



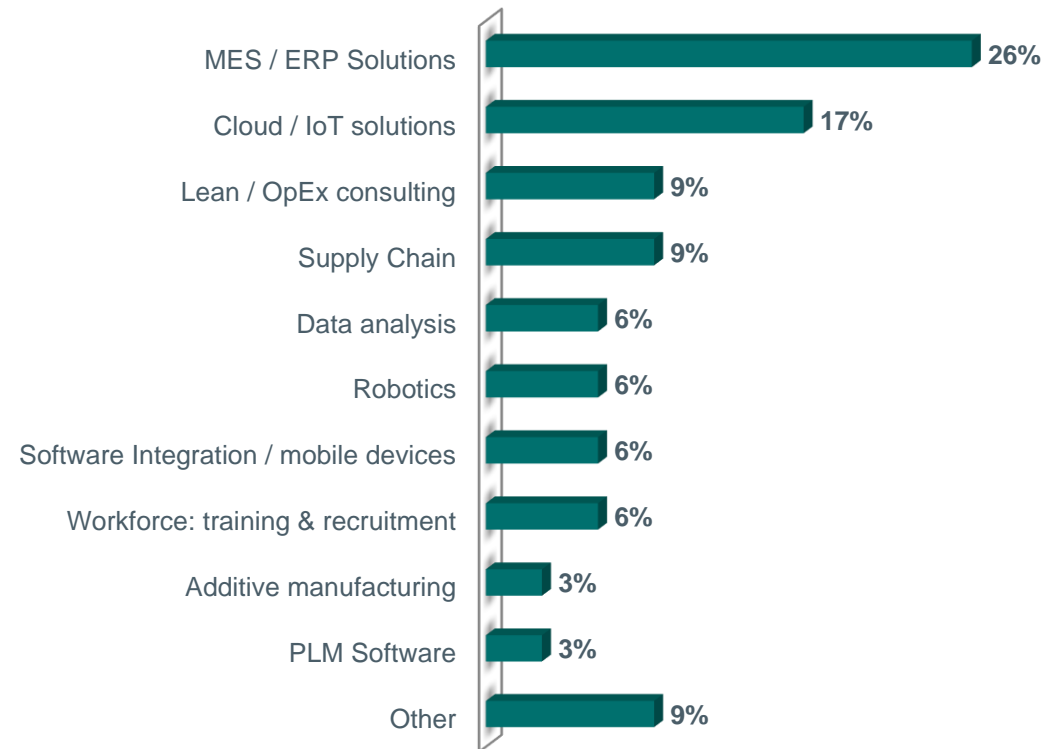
*multiple answers possible

Which Topics / Production Areas will Become More Important in Your Company in the Next 12 Months?*



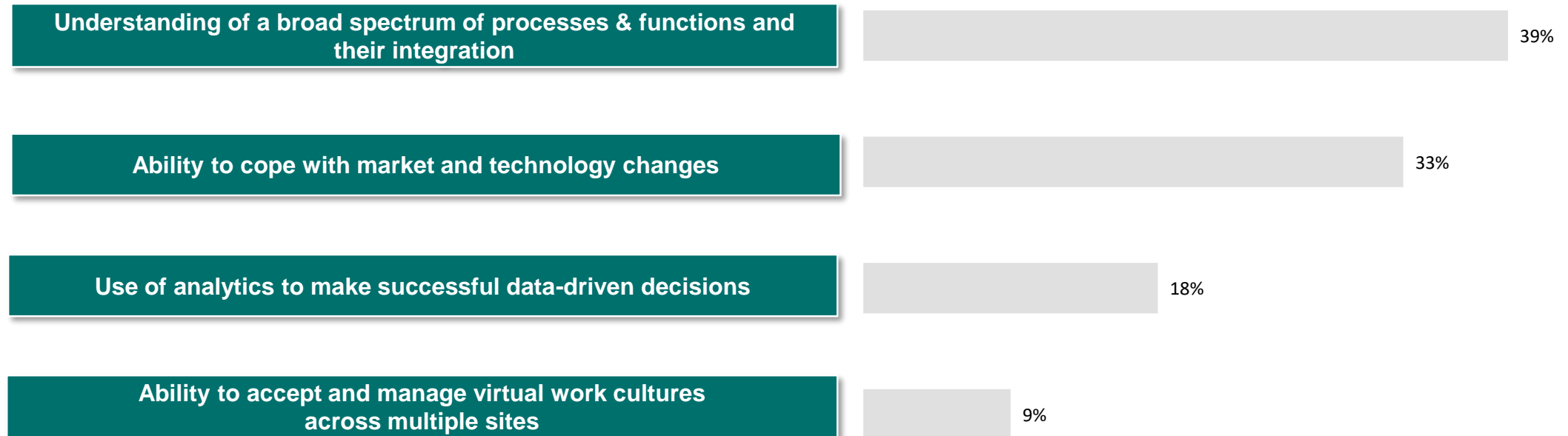
*multiple answers possible

In which Products / Areas / Solutions will your Company Invest in the Next 12 Months?*



*multiple answers possible

What New Skills do Executives Need in the Digital Age?*



*multiple answers possible

RETHINK! SPMS EUROPE 2019

DRIVING THE INTERNET OF MANUFACTURING

The **Rethink! SPMS Europe 2019** is the leading strategic Smart Manufacturing summit for **production executives** and **plant managers** to interactively discuss the future of **smart factories**, **advanced production strategies**, **factory automation**, **organisational change**, **data management**, **predictive maintenance**, **robotics**, **cost reduction**, **lean & operational excellence**, **Industry 4.0** and **Workforce 4.0**. Innovative technologies, as well as trends on current projects, strategic thinking and latest developments in the field of Smart Manufacturing will be discussed throughout 2 ½ days of interactive and intensive best practice sharing.

Visit our event website to learn more about the agenda, our **30+ speakers** and all the **interactive formats**, designed to help our delegates network and exchange knowledge.

www.rethink-smart-manufacturing.com

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