

Presentation



Combined expertise in Supply Chain Management based on the three pillars:

- Logistics
- Sustainability
- Packaging Logistics

For the implementation of collaborative, efficient, and sustainable Value Chains.

„We believe in the power of standards to transform the way we work and live“



Miebach Consulting operates on the interface between Supply Chain Consulting and Engineering.

- Development of innovations
- Close cooperation with our customers
- Independent, pragmatic, based on worldwide experience and a global partnership

„We stand for: Supply Chain Excellence“

Reasons for conducting the study?

Feel the pulse and understand a changing environment

Research into relevance and adoption of innovative solutions in consumer goods.

Filter the noise from the buzz → detect what is developing into the standards of tomorrow



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Amara's Law

"We overestimate the impact of new technology and the rate of change in the short run ... and we underestimate it in the long run."

Study participants

Industries

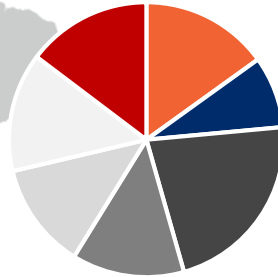
- 58%** Food & Beverages
- 15%** Distribution/Retail
- 9%** Home Care & Personal Care
- 18%** Others

Position within company

- 45%** Supply Chain Management
- 29%** Physical Logistics
- 9%** Management Board (C-Level)
- 17%** Others

More than **300 worldwide participants**

Company size measured by turnover



- < 50 Mio. €
- 50 - 100 Mio. €
- 100 - 250 Mio. €
- 250 - 500 Mio. €
- 500 - 1.000 Mio. €
- 1.000 - 5.000 Mio. €
- > 5.000 Mio. €

Summary of Key Findings



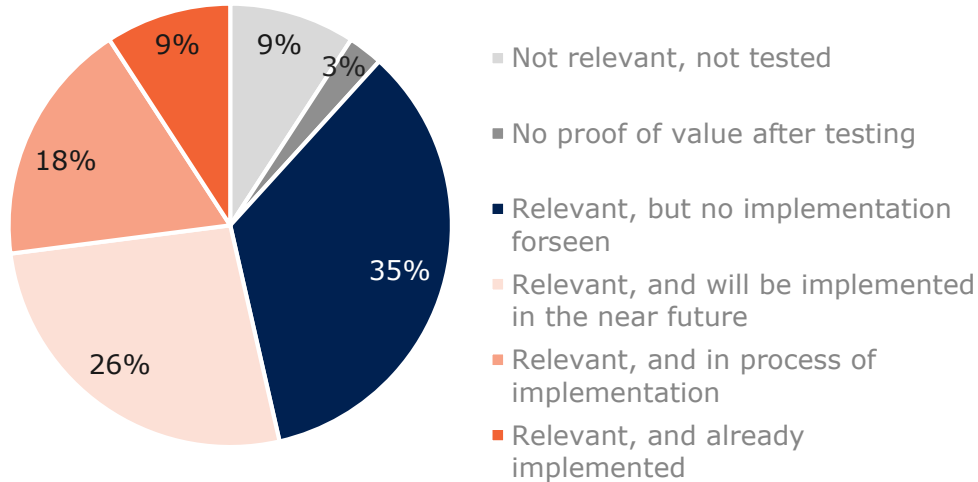
Big Data has demonstrated added value and has become commonplace

Artificial Intelligence, Robotics and Blockchain are hyped but rarely implemented

There is a tension field between the wish for Control and Collaboration – within and beyond company borders

Big Data has proven added value and has become an integral part.

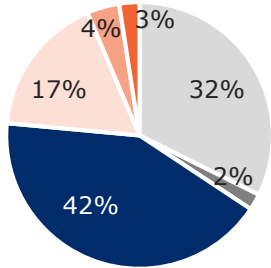
How relevant do you consider the implementation of Big Data Analytics?



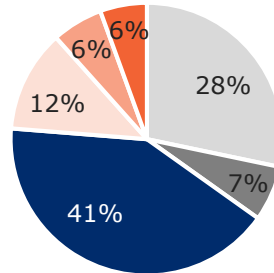
- Most companies use only a **fraction of the potential** of data-driven support tools
- More than **50%** companies are working with **Big Data solutions**. Another 35% considers big data relevant
- Early adopters of Big Data also tend to be testing other **innovative technologies**
- Success with Big Data is a **slight indicator** of success with other innovative technologies
- Only a minority of companies who tested Big Data found no use after piloting

Artificial Intelligence, Robotics and Blockchain are hyped, but rarely implemented.

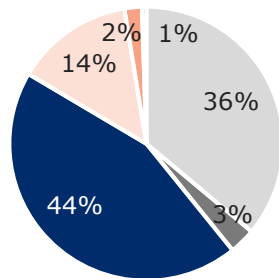
Artificial Intelligence



Picking Robot Arm



Blockchain Technology

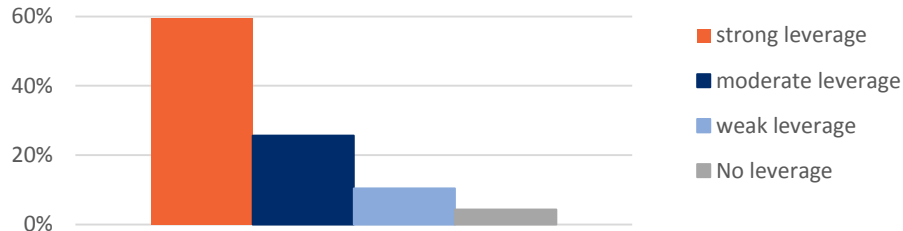


- Not relevant, not tested
- No proof of value after testing
- Relevant, but no implementation foreseen
- Relevant, and will be implemented in the near future
- Relevant, and in process of implementation
- Relevant, and already implemented

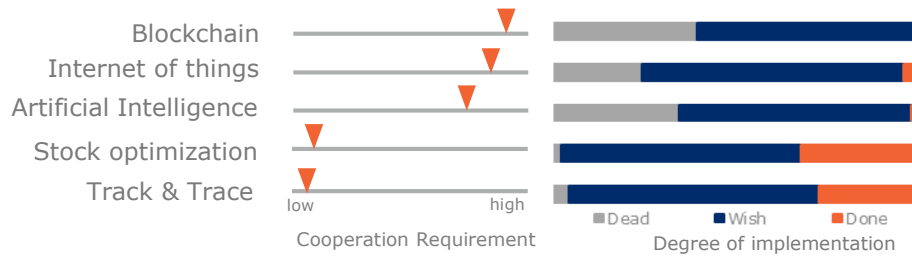
- The few companies that tested these technologies have **stopped pilots in most cases.**
- Almost all pilots for **Drones, Augmented Reality** and **Exoskeletons** were **not successful**
- **Successful pilots** on AI, Robot Picking Arms and Blockchain **remain a minority**
- For now, these solutions are **not mature enough** to survive in a real-life business setting.
- On the other side of the spectrum, **Supply Chain Orchestration, Forecast Collaboration** and **E-delivery pilots** are few ... but in **nearly all cases successful**

The tension between the desire for Control and Cooperation.

Assessment of collaboration as a lever for the digitization of the supply chain in 2020



Willingness to cooperate in relation to the degree of implementation

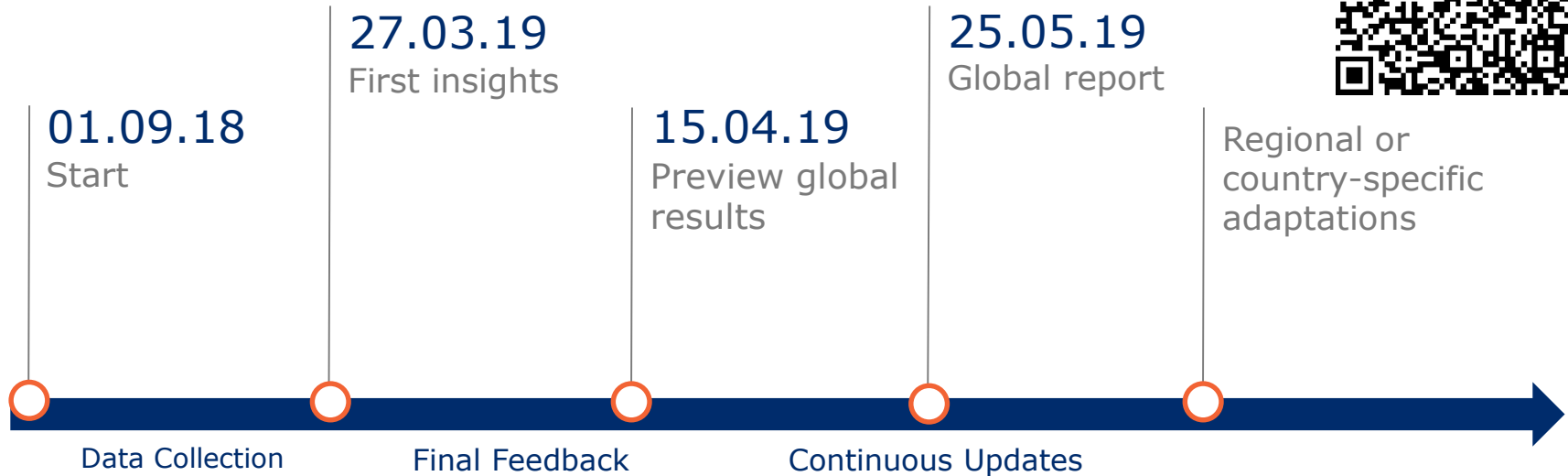


- **Collaboration** is the **key to success** for study participants
- 60% consider **collaboration** as the relevant trigger with a **strong or very strong leverage** towards digitization
- Future technologies, such as Blockchain require a **willingness to cooperate**
- **Disruptive technologies** conquer established business processes **very slowly**
- Technologies that can be controlled **independently** achieve a **higher degree of implementation**

Where to go from here?

Join us!

<http://tiny.cc/t1uc4y>



Join the discussion!

