

# Solving business problems in IoT with blockchain

A woman with long dark hair, wearing safety glasses and a dark blue t-shirt, is focused on adjusting a component on a large, blue industrial robotic arm. The robot arm is complex, with various mechanical parts, blue cables, and a row of green and yellow lights at the top. The background is dark and industrial, suggesting a factory or laboratory setting.

IoT Week 2019

# Innovate technology for good

- Blockchain and decentralization have potential to make the world a better place and align well with our company's purpose



# A few insights on blockchain



Blockchain is more about the **business model** than technology

**External collaboration** to solve problems end to end

**Evolution** instead of revolution

**Permissioned blockchains** less disruptive but more mature for industrial use

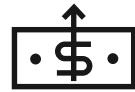
# Blockchain use cases for IoT



Trust services  
such as trusted  
compliance



Monetization on  
IoT data



Connected  
logistics



Blockchain  
Use cases for  
IoT



Data integrity



Contract  
automation and  
AI



Identity  
management

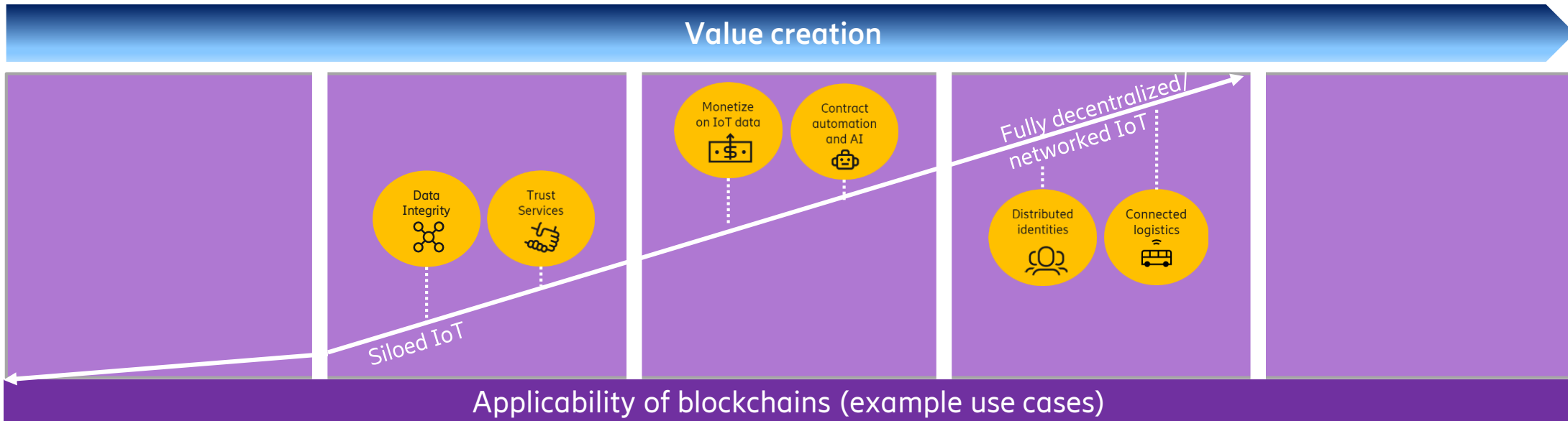
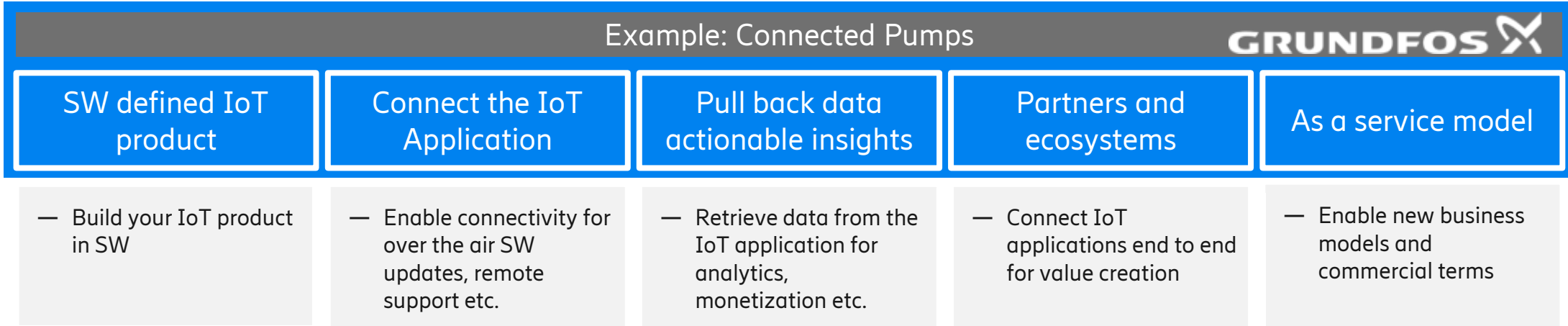


# When can blockchain become applicable for IoT?

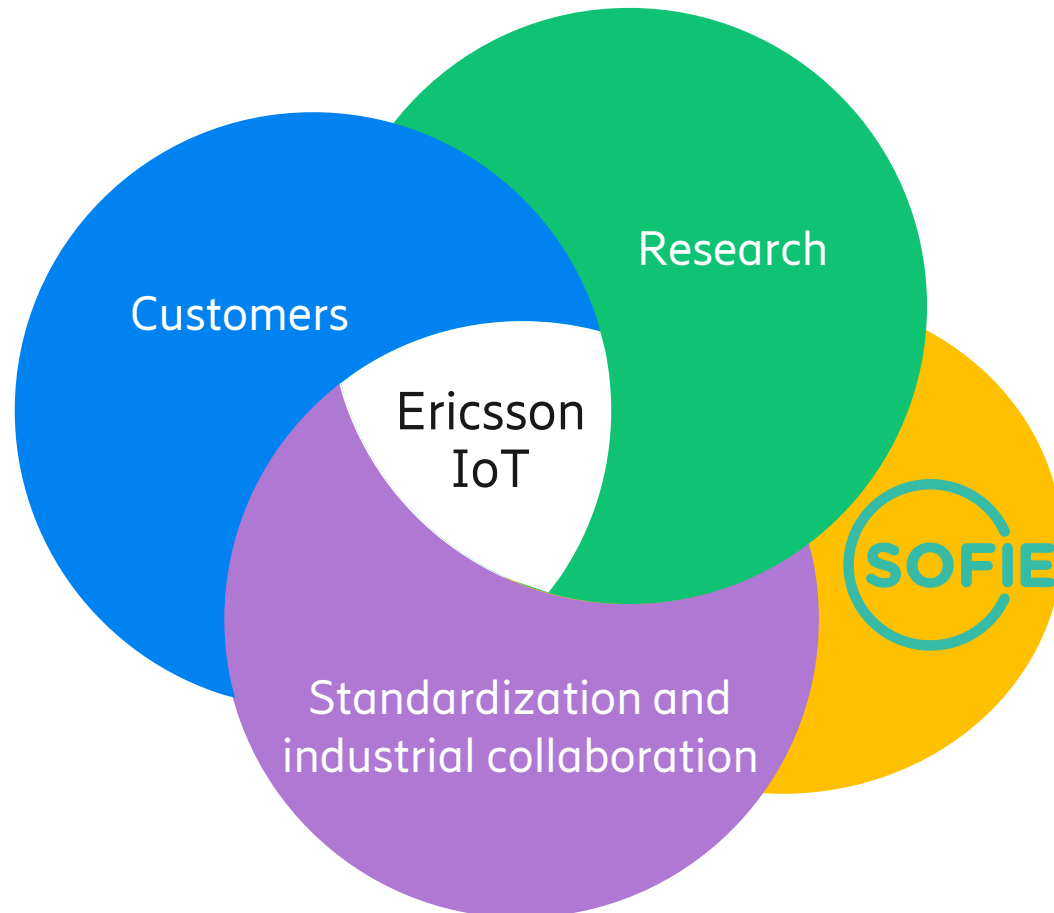


MWC 2019 <https://www.ericsson.com/en/cases/2019/connected-pumps>

Example: Connected Pumps



# Collaboration to increase value and speed up time to market



## Customers

- Joint innovation projects to validate which use cases translate to business cases
- Invite customers to perform live trials on our platforms

## Research

- Collaboration with academia and public authorities

## Standardization and industrial collaboration

- Relevant standardization bodies

## SOFIE, Secure Open Federation for Internet Everyone

- EU H2020-IoT research and industrial collaboration project for blockchain and IoT

# Key takeaways



**1** **Business model first**  
Blockchain can work in decentralized models where organizations depend on consensus

**2** **End to end thinking & external collaboration**  
Solve complex IoT problems together

**3** **Evolution**  
Value creation by leveraging on the installed IoT base

**4** **Permissioned blockchains**  
In focus in short term  
Permissionless blockchains can enable major IoT disruption in longer term



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