

# Carlsberg global packaging lines performance tracking solution

**ISC** INTEGRATED  
SUPPLY  
CHAIN

Carlsberg was founded in 1847 on a passion for perfecting the art of brewing and giving back to society



**1847** JC Jacobsen founded the Carlsberg Brewery on a hill outside of Copenhagen



**1883** Discovered the method to cultivate pure yeast



**1876** The Carlsberg Foundation was created to govern the brewery & the research laboratory



**1904** The iconic Carlsberg logo designed by famous architect Thorvald Bindesbøll



# Who are we today: Carlsberg in numbers



41,000  
PASSIONATE PEOPLE

150

MARKETS REACHED BY  
OUR PRODUCTS

140  
BRANDS



10 BILLION  
LITRES OF BEER BREWED IN 2017

# Carlsberg Integrated Supply Chain (ISC)

ISC headquarter in Switzerland

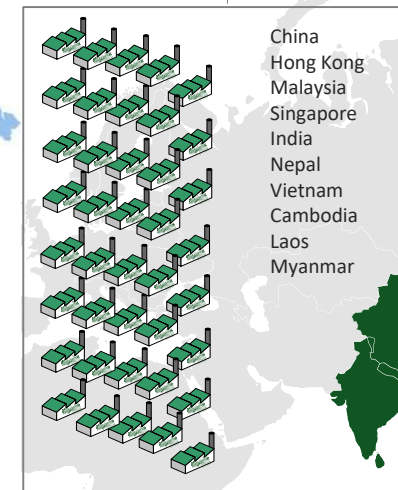
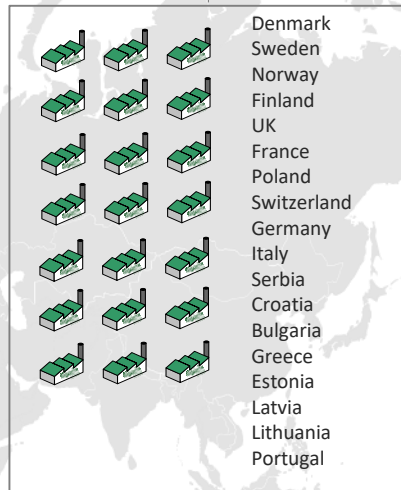


## Central SC functions

- Group Procurement
- Group Manufacturing Processes
- Group Planning & Logistics
- Group Quality
- Group Health & Safety
- Supply Chain Finance
- Supply Chain HR & Communications

## Local SC functions in each market

- Production
- Warehouse
- Logistics
- Distribution
- Planning
- Procurement
- Quality

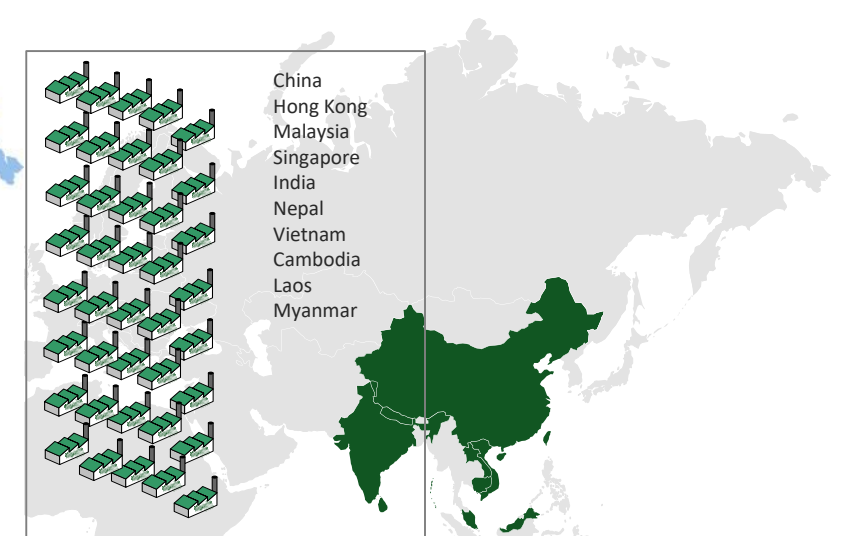
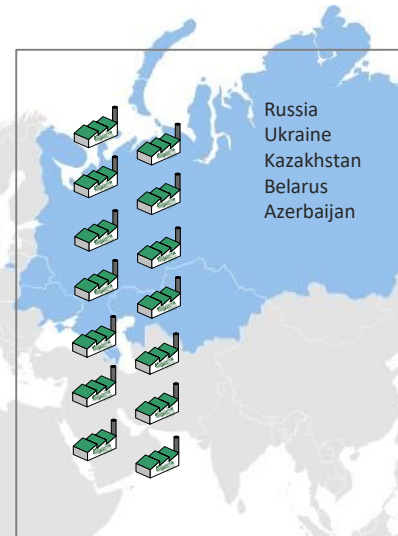
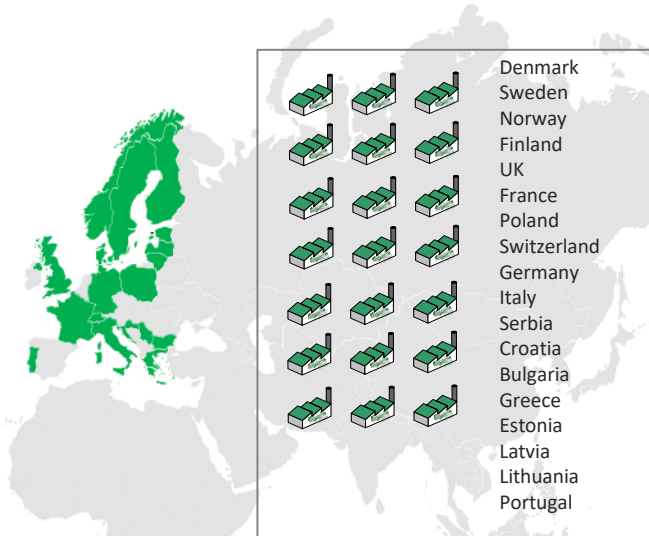


22,000 employees in Supply Chain across all three regions

# Business Challenge: increase Packaging performance (OEE)



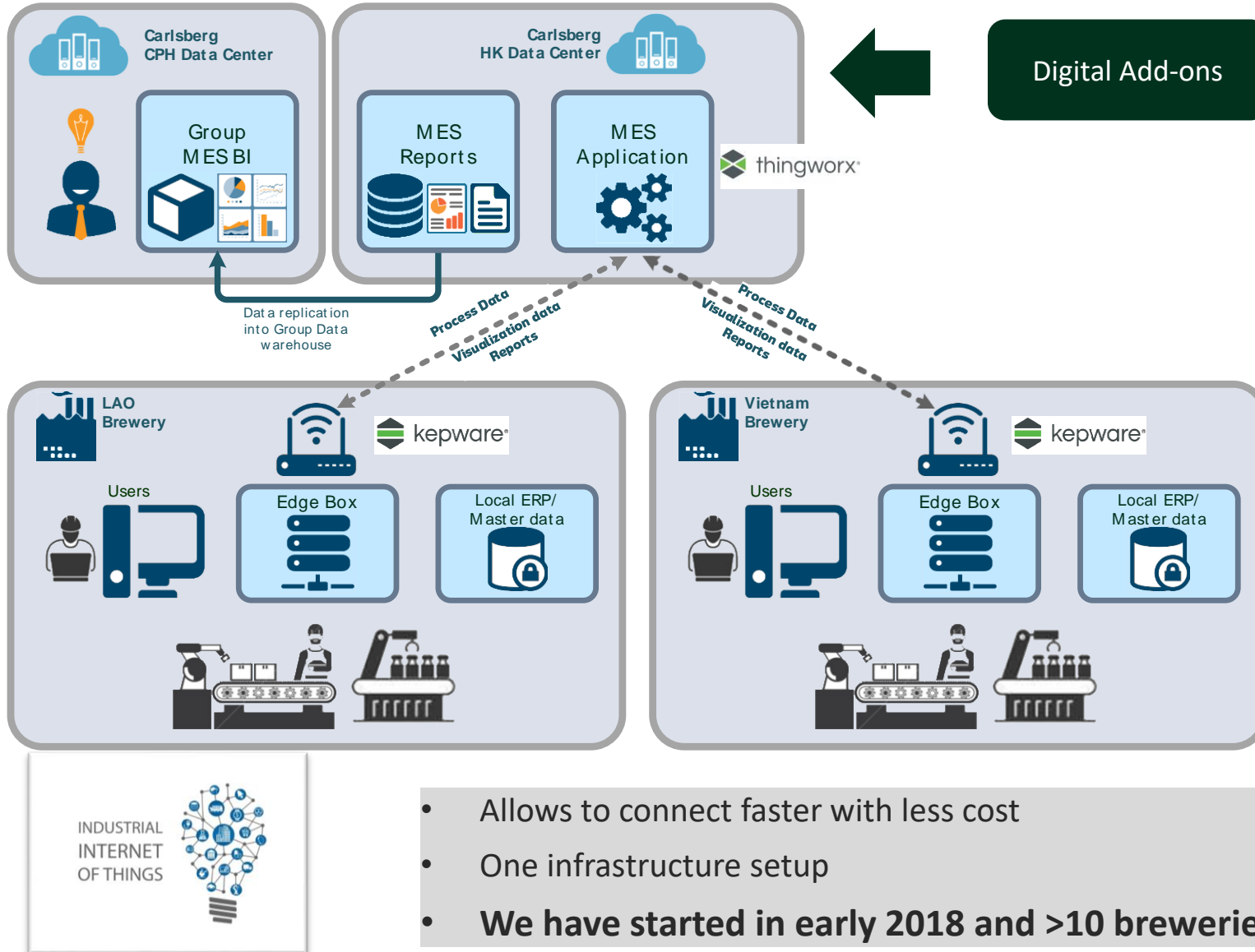
- > 250 Packaging lines across the world
- Different type of packaging: Bottles, Cans, PET, Keg, ...
- Complexity, equipment age, ...
- Average OEE is not at “Best in Class” level  
=> area for improvement



Implementation of Real-time performance tracking system to accelerate OEE improvements



# Approach: Cloud/IoT-based solution to be faster and more agile



Let me show you something live...

