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Capital Markets Day

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Digitalization

A large school of fish swimming in a circular pattern in clear blue water, viewed from above. The fish are dark against the light blue water, creating a dense, swirling vortex. The background is a gradient of blue, with light filtering down from the top.

Agenda

1. Welcome and introduction

- Tinna Molphy, - Director IR

2. Digitally transforming food processing

- Arni Sigurdsson, - Chief Strategy Officer and EVP Strategic Business Units

3. From data-driven foundation to insights-driven future

- Hjalti Thorarinsson, - VP Innova Software

4. Next steps in Marel's digital evolution

- Anna Kristin Palsdottir, - EVP Innovation

5. Q&A panel discussion

Digitalization

Arni Sigurdsson

Digitally transforming food processing

Arni Sigurdsson

Chief Strategy Officer and EVP Strategic
Business Units

Arni Sigurdsson joined Marel in 2014. He leads the Strategy and M&A as well as the business units of Retail and Food Service Solutions and Innova Software. Sigurdsson serves on the board of Worximity Technology Inc. Before joining Marel, he was an associate at AGC Partners. Prior to that, he worked at Landsbanki Islands, where he supported Marel on the acquisition of Stork Food Systems.

Education

MBA, Harvard Business School

BS, Industrial Engineering, University of Iceland

8 years with Marel / 10 years in Industry



Unity

We are united in our success

Innovation

Innovation drives the value we create

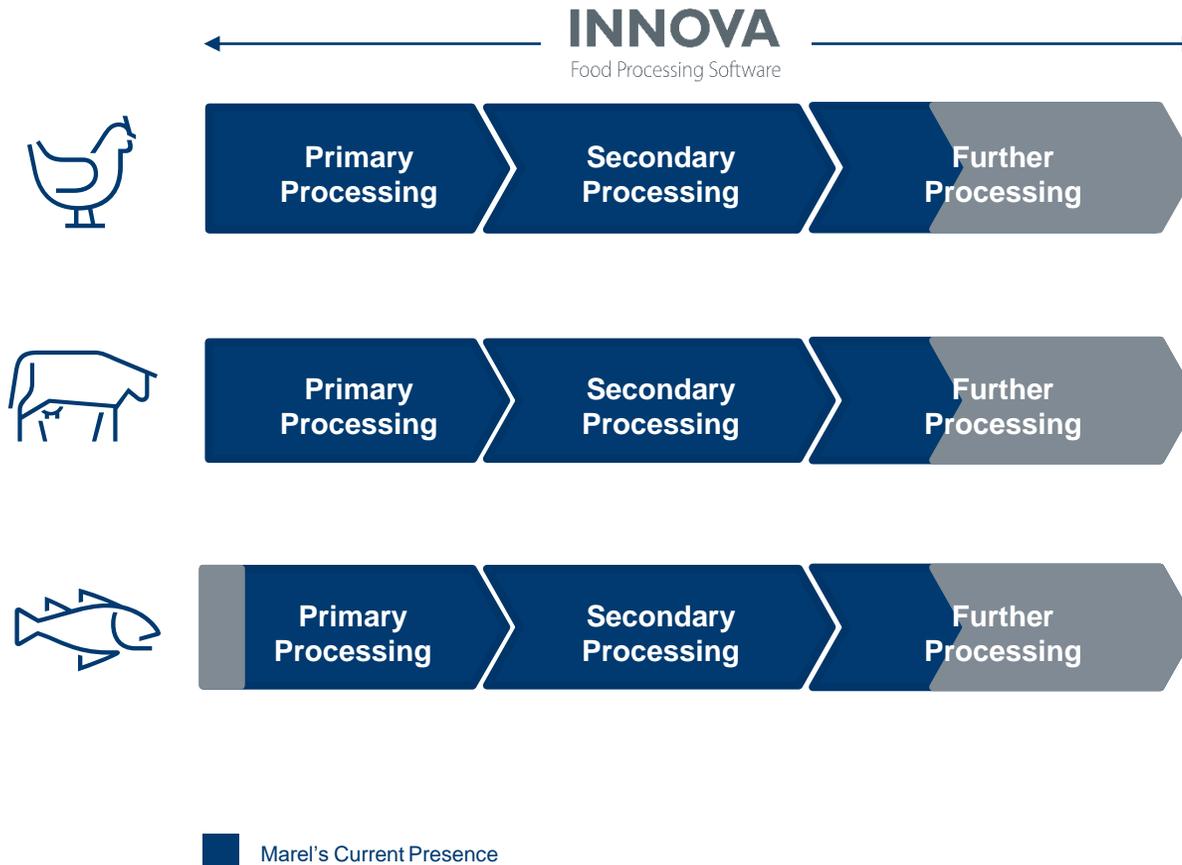
Excellence

Excellence is what differentiates us

- In partnership with customers, we are transforming the way food is processed
- The Marel vision is of a world where quality food is produced sustainably and affordably



Marel is a global pure-play provider of solutions, software and services to customers across the value chain



Line solutions provider...

- One-stop shop for the customer
- Seamless integration & more efficiency
- Strong competitive advantage

...with standard and modular offering...

- Scalable: Less engineering & easier to manufacture
- Improved service
- Better customer experience

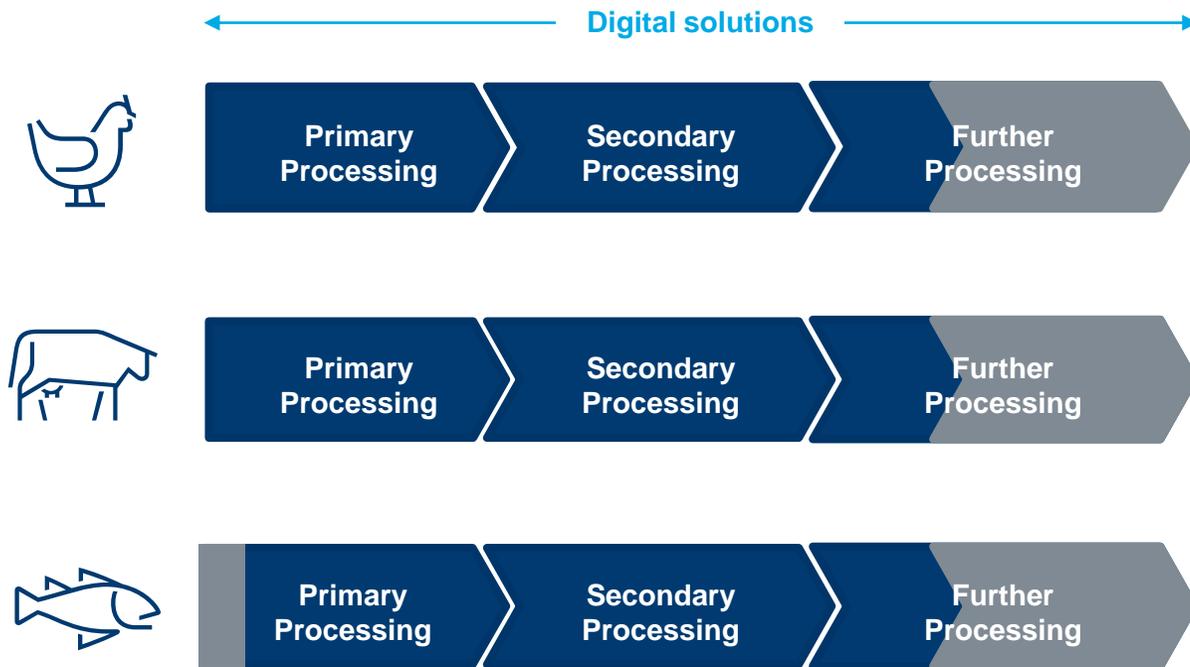
...market leading proprietary software...

- Traceability and sustainability solutions
- Links equipment to function as single entity
- Real-time actionable insights to improve operations

...across poultry, meat and fish

- More resilient business model
- Technology transfer across industries
- Better utilization of resources

Digitalization will enhance our strategy



Line solutions provider...

- ✓ • One-stop shop for the customer
- ✓ • Seamless integration & more efficiency
- ✓ • Strong competitive advantage

...with standard and modular offering...

- ✓ • Scalable: Less engineering & easier to manufacture
- ✓ • Improved service
- ✓ • Better customer experience

...market leading proprietary software...

- ✓ • Traceability and sustainability solutions
- ✓ • Links equipment to function as single entity
- ✓ • Real-time actionable insights to improve operations

...across poultry, meat and fish

- ✓ • More resilient business model
- ✓ • Technology transfer across industries
- ✓ • Better utilization of resources

Improved line & factory optimization



Seamless integration of equipment allowing data driven insights to be used across the value chain to improve performance



Modular- and standardized portfolio



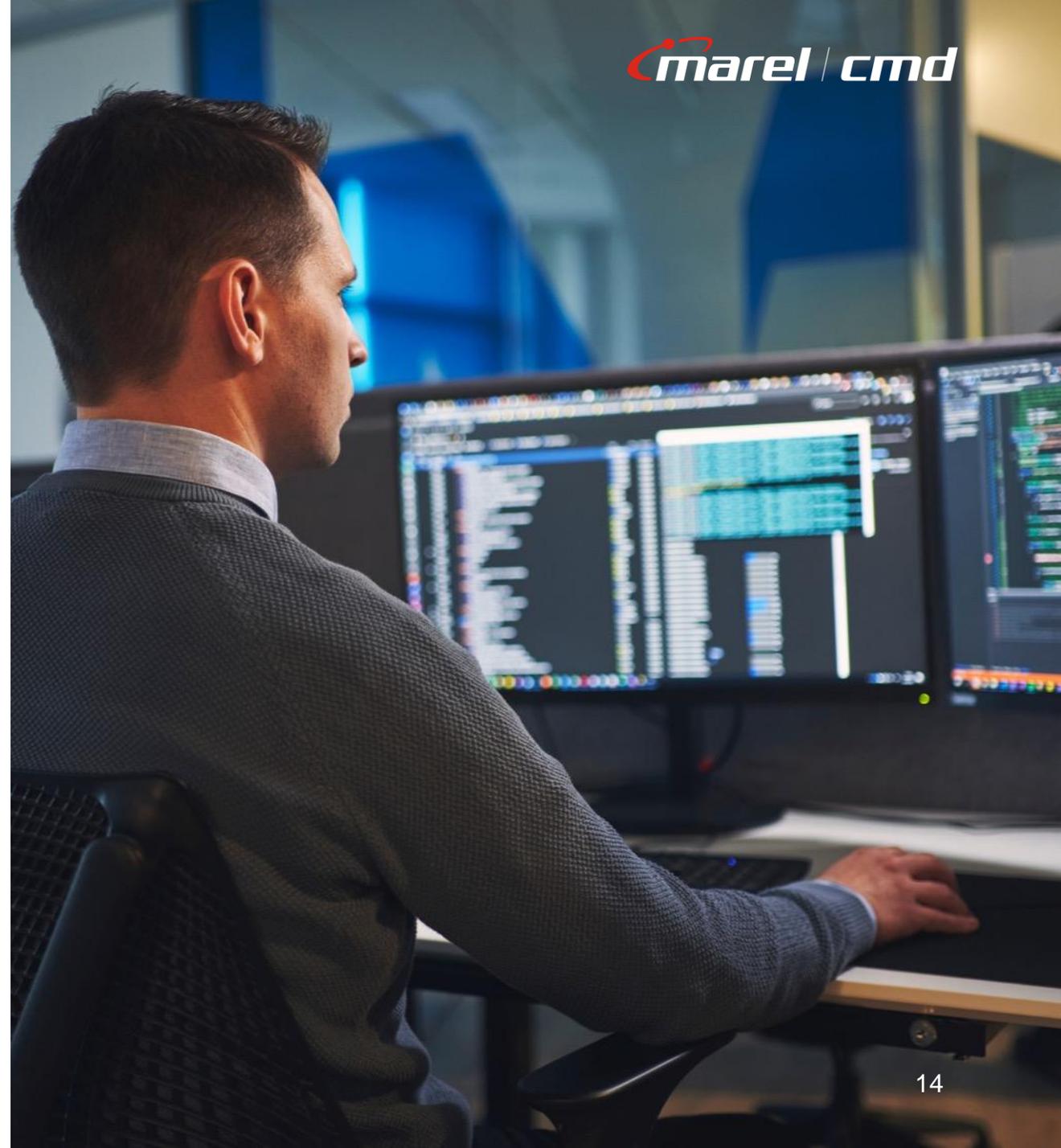
Prerequisite for Marel to develop and deliver standardized digital solutions, create scalability and remain an indispensable maintenance partner



Stronger and broader portfolio



Marel is already developing attractive digital food processing solutions to address customers needs and support the creation of a more balanced, demand driven food value chain



Best-in-class sustainability solutions



Accelerated through digitalization allows our customers to meet increasing demands for quality food produced in a safe and sustainable way



Marel's software and advanced solutions will enable us to transform the way food is processed for the benefit of our customers, consumers and the environment

Digital is instrumental to achieving Marel's targets

EUR 3 billion in revenues by year-end 2026

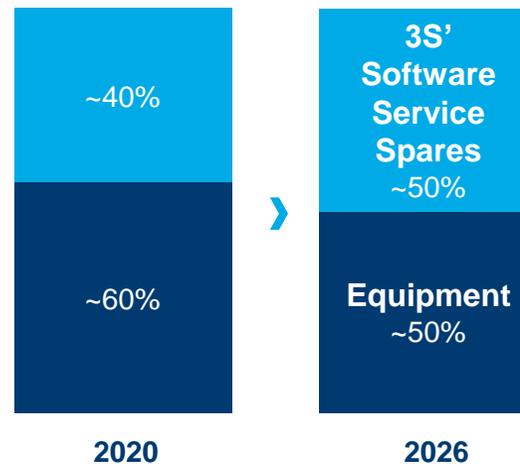


Organic
+4-6%



Acquired
5-7%

50% from software, service and spares by year-end 2026



Improved margins and scalability

Long-term targets 2026

Revenue CAGR 2017-2026 ~12%

EPS **Grow faster than revenue**

Processors are actively exploring how digital can help them win in the future food processing market

Connecting the value chain

- Increasing regulatory requirements
- Improving planning and operations in a demand driven value chain (pull based)
- Limited consumer data availability reducing value analytics & benchmarking

Increasing sustainability requirements

- Increased food demand from rising population
- Global animal diseases
- Lack of accessible workforce
- Reducing environmental impact of food processing



Increasing performance

- Yield
- Throughput
- Quality
- Food safety

Improving uptime

- Advanced service needs
 - Predictive/Preventive
 - Remote resolution
- Reducing cost of service

Managing complexity

- SKU proliferation and raw material variability
- Maximizing value requires complex targeted production

Marel is in a key position to support and partner with customers in their digital journey



Key purchasing criteria when choosing a digital partner		Importance
	Existing relationship	
	Digital capabilities	
	Execution capability	
	Open for 3 rd party hardware and software	
	Cost vs benefit	
	Support	

Digital vision

Be the digital partner of choice for the food processing industry, and enable customers to sustainably maximize value creation by providing the digital products and platform for inter-connectivity and optimization

Core beliefs of our digital vision

Standardized, scalable platform
will enable connected ecosystem
across the value chain

**Data combined with deep
process knowhow** will drive
significant customer value

Be the **digital partner of choice** for the food
processing industry, and enable customers to
sustainably maximize value creation by
providing the digital products and platform for
interconnectivity and optimization

**Integrated solutions and
combination** of hardware, software
& service will drive growth

Digitalizing the installed base
is key to success

Digitalization

Hjalti Thorarinnsson

From data-driven foundation to insights-driven future

Hjalti Thorarinnsson

Vice President, Innova Software

Hjalti Thorarinnsson became VP of Innova Software in September 2017. Prior to his current role, he spent 11 years working for Microsoft in the US where he held various positions in sales and business development, including Director of Business Development for Artificial Intelligence. Thorarinnsson has extensive international leadership and startup experience in the technology industry. He has served as a Board Member of Origo hf., a Nordic IT service company, since 2018 and a Chairman of the Board since 2020.

Education

MBA, Massachusetts Institute of Technology (MIT)
BSc, Computer Science, University of Iceland

4 years with Marel / 4 years in Industry



Marel has a strong foundation in digital



Market leader in automated machines

- Market-leading solutions and widest industry portfolio
- Frontline presence in 6 continents and industry's largest installed base
- Comprehensive integrated offering



Strong innovation commitment

- 6% revenue commitment to R&D
- Over 300 software developers & engineers
- Demonstrated track record of transferring innovative solutions across industries
- Deep process knowhow

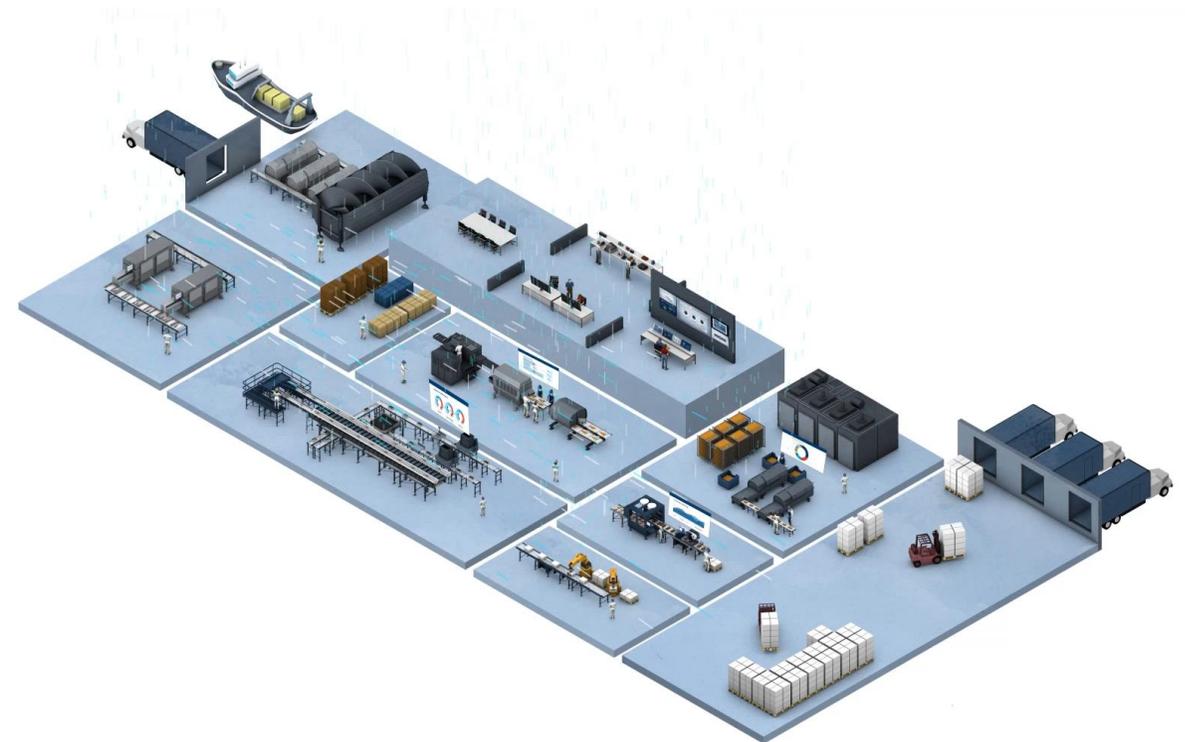


Leading software products and pilots

- Broad portfolio with 40+ products
- Leading software solution in the food processing market
- Robust development roadmap with further 20+ products incl. production planning

Marel has a number of software modules allowing customers to fully control their production

- **Powerful end-to-end solution** allowing food processors to manage their factories by **linking equipment & processes to function as a single entity**
- Ensures reliable centralized data collection **providing real-time data insights** and historical trends analysis reports
- Integrated **traceability engine** collects, stores and **analyzes data in real time**, enabling full traceability throughout production
- Data analytics **identify improvement opportunities** and highlight potential issues in real time, enabling processors to **maximize productivity**



▶ Video

Innova overview

Marel's software solutions offer numerous advantages to food processors in managing their production

Operations

"We've been able to **solve all the business challenges** around traceability, packaging, order control and inventory management as well as standardize platforms across facilities."

*Jarred Brand
Manufacturing Engineering
and Technology*



Fish

Performance management

"The way the **data is presented allows our business to make quicker, sharper decisions**. This is quite valuable, rather than working with hearsay or getting the correct information with a delay. Our people started seeing what's possible with Innova."

*Mark Hilson
ICT Manager*



Poultry

Sustainability

"Today, we are proud of our smart factory, where there is a **high level of connectivity, making it easier for Brim to meet customer orders quickly and precisely**, making full use of the valuable raw material."

*Gisli Kristjansson
Production Manager*



Fish

Traceability

"Marel software allows us to **keep records throughout each day and traceability for USDA records** from start to finish, which gives me tremendous peace of mind."

*Dan Fernandez
Meat Unit Production Manager*



Meat

Marel is moving towards enhanced digital offering built on hybrid cloud platform delivering significant benefits

Future of Marel's digital offering

- Factory equipment is **fully connected, easy to configure/control and managed via hybrid-cloud infrastructure**
- **Access to machine data** will improve service, accelerate innovation and enable Marel to expand **data driven insights to customer**
- Suite of food processing solutions to **optimize factory performances by managing complexity, ensuring uptime and connecting the value chain**
- **Marel software delivered via secure digital platform** with instant access to upgrades & features via remote installation
- Food processing **software ecosystem** that supports third party equipment and provides value chain interoperability

» Marel benefit



Broader offering & stronger value proposition



Greater standardization & increased scalability



Increased real world insights for future innovation



Stronger integration of Marel products & services



Better service and lower cost



Improved ESG performance

Marel's digital products fall into five product families focused on food processing customer needs



Logistics



Optimization of inventory and logistical movements to optimize material flow, reducing labor and logistic cost



Planning & optimization



Demand driven optimization of raw material, energy and labor usage while securing delivery of the right products at the right time, quality & quantity



Food safety management



Full process setup, documentation and audit trail for food safety & quality assurance, regulatory compliance and traceability of production to **safeguard license to operate and drive sustainability**



Performance management



Real time actionable insights on equipment, line and factory performance to **reduce downtime and maximize performance (e.g. yield and throughput) across the food processing footprint**



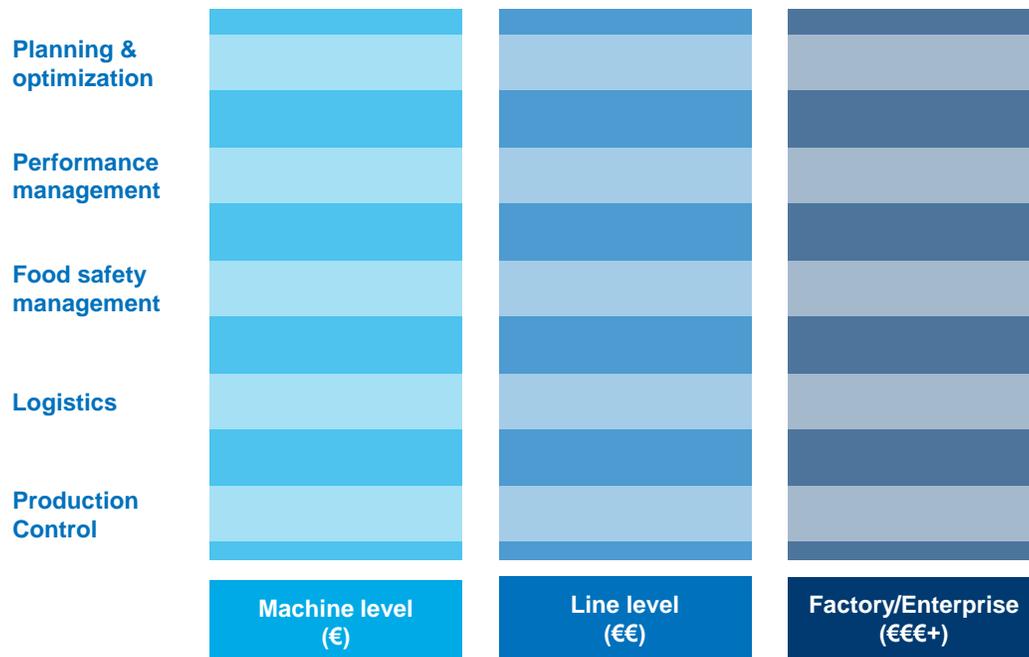
Production Control



Seamlessly connect **multiple machines together to work as a single entity** and allow simple management and remote operations of the line and processing steps

Marel future offering will create significant customer benefits and allow them to sustainably improve margins

Marel's digital offering focus



» Customer benefit



Digital solutions will be instrumental for our customers on their sustainability journey



Ensuring food safety

Food quality control with full audit trail minimizes risk of contamination and enables quick reaction if irregularities occur



Reducing CO₂ footprint

CO₂ measurement through usage of energy, water and other resources enables active management of climate impact



Eliminating food waste

Increase raw material utilization by optimizing raw material allocation based on orders as well as line performance (yield, throughput)



Source to shelf traceability

Products can be traced back to their source by linking every process step of production chain

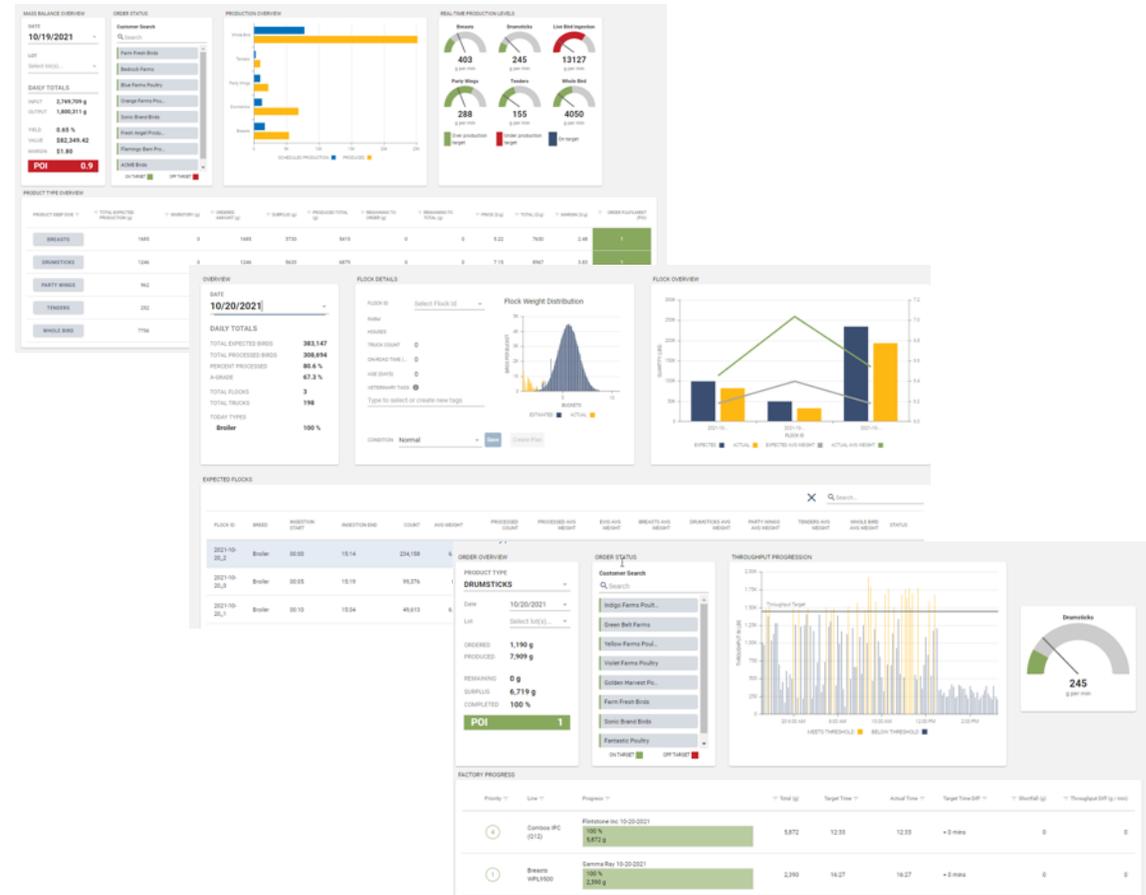


Make sure to stay tuned for Marel CMD Sustainability on 9 Dec

Example: Order fulfillment

Part of 'Planning & Optimization' product family

- Order fulfillment estimation, based on the evaluation of raw material, orders, priorities and deadlines
- Order scheduling tool, highlighting deadlines, surplus products and orders at risk
- Real-time insight into expected vs actual output of raw material
- Will evolve into supporting demand driven production
- Will be launched next year



Example: IMPAQT

Part of 'Performance Management' product family

- KPI performance monitoring via single-line, multi-line, and overall production processes
- Shows why a line is not performing, so customer can act on it e.g. improve hanging performance, correct container loading
- Real-time and historical analyses of performance drops allow for earlier interventions to reduce waste products or broken wings
- Ability to benchmark lines across sites to ensure best practices
- Expected customer savings provides payback of less than 2 years with hardware and installation costs
- 9 systems installed and several pending installation





Video

IMPAQT video

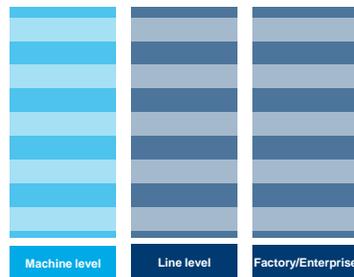


Marel has clear plans to transition existing software solutions to the new cloud platform and develop new solutions

Phase 1 – 2021-2022

Most functionality running on-site in traditional server environment

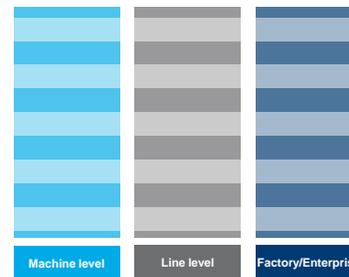
- Software runs on-premise
- Digital Engine¹ and offering developed across Marel's equipment portfolio



Phase 2 – 2023-2026

Functionality moved to cloud, making operations easier, more interconnected and insights-driven

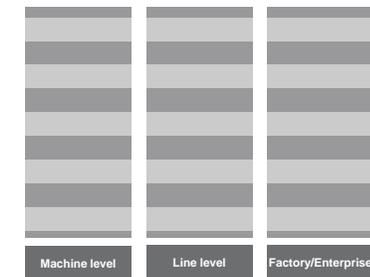
- Software offering increasingly standardized, repackaged and shifted to cloud platform
- Digital Engine embedded in key Marel equipment, with accompanying digital offering



Phase 3 – 2026+

Hybrid-cloud simplifying deployment, management and optimizing for demand driven production

- Digital offering incl. service delivered via hybrid-cloud
- Platform integration enabling AI optimization of demand driven production



■ On-premise ■ Cloud ■ Hybrid-cloud



Digitalization

Anna Kristin Palsdottir

Next steps in Marel's digital evolution

Anna Kristin Palsdottir

Executive Vice President, Innovation

Anna Kristin Palsdottir joined the Executive Team in March 2020. Since joining Marel in 2015, Palsdottir has held various managerial roles within Innovation. Most recently, she was Innovation Director for Cross-Industry. Her broad experience in Innovation prior to that includes Innovation Manager for X-ray Solutions and Infrastructure Manager. Palsdottir has demonstrated excellence in leading cross-functional innovation teams within Marel.

Education

MSc, Production Engineering, Technical University of Berlin
BS, Engineering Management, Reykjavik University

6 years with Marel / 6 years in Industry



Connectivity is a cornerstone of Marel's overall Digital Strategy



Cloud platform allows us to connect to machines out in the field and collect data



Connected machines are equipped with our first version of Digital Engine (IoT edge device)



Provides both Marel and our customers increased insights via cloud connectivity



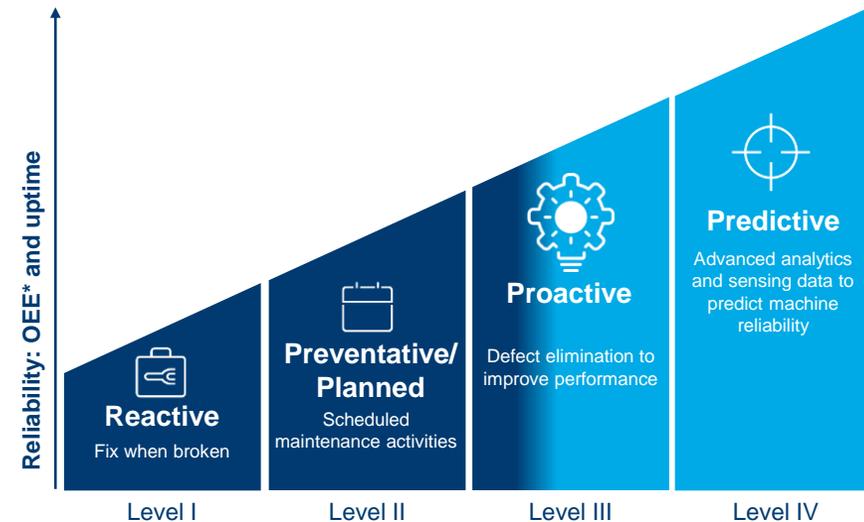
 Video

Connectivity from machine to factory

Improved service with data

Part of Marel's digital enabled service offering

- Access to real time and historic data insights supports Marel's technical help desks around the world to resolve issues faster
- Access to real time data enables services to proactively support customers' operations
- Technical and operational data is a key enabler to drive more advanced maintenance solutions such as proactive (condition based) and predictive maintenance



*Overall equipment effectiveness

● Existing capabilities ● Emerging capabilities

Marel has a three pronged approach for rapidly enabling machine connectivity on its equipment



Current install base

Coverage

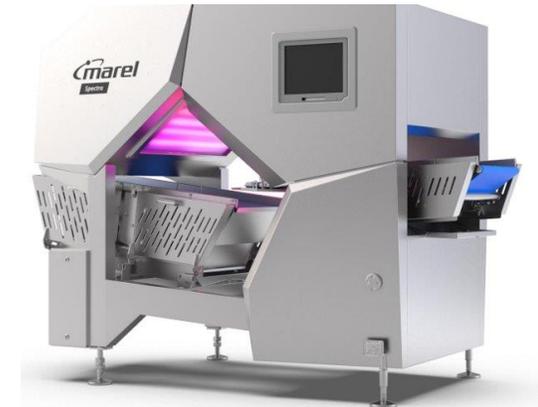
Rapidly establish connection to key equipment in the field without updating current capabilities beyond cloud enablement



Product revision

Competitiveness

Upgrade equipment in production to support connectivity out of the box and potentially add new sensors (more data generation capability)



New equipment

Innovation

Integrate connectivity and Digital Engine capabilities as a standard into machine design as part of the product development process (PDP)

Two pilots are currently in commercialization & rollout phase to pave the way for upcoming equipment



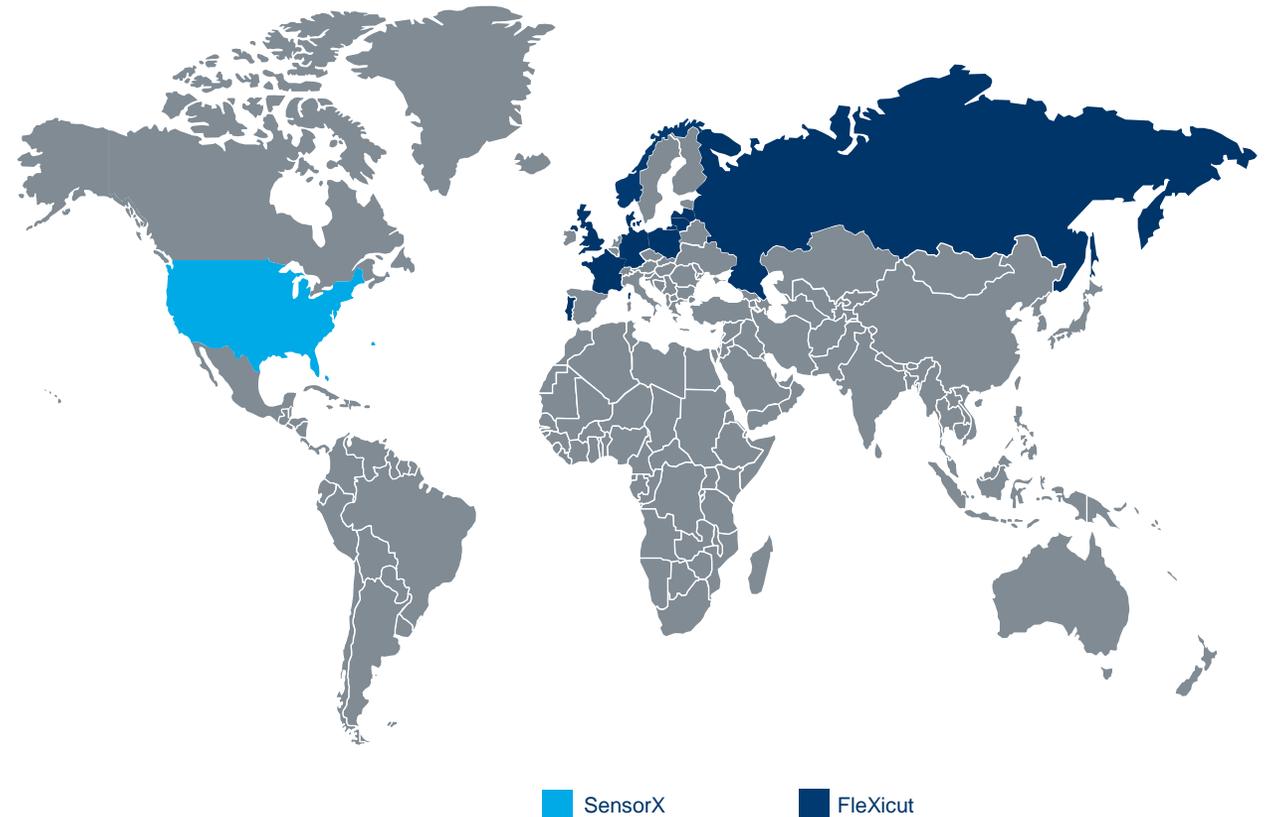
Initial pilots focusing on learnings & consolidating guidelines for further scale-out



Scale-out pilots focusing on breadth & training to ensure organic execution



Capture feedback & learnings, adjust and refine continuously



Key objective is to develop digital capabilities at scale to create more value for our customers



● Existing capabilities ● Emerging capabilities

Digital products journey has risks and challenges, but will be mitigated

Key risks

› Mitigating actions



Cybersecurity

› Microsoft Azure security protocols and ISO 27000 certification



Data proprietorship

› Clear data principles and data usage clarified in terms and conditions as well as commercial material



3rd party access to Marel Platform

› Licensed APIs and focus on effortlessness of platform usage



Support of non-Marel machines (e.g. packaging)

› Development of API with equipment vendors and standard protocol for Marel Platform interface



Customer willingness to adopt software and data driven solutions

› Significant investment in customer engagement, communications and training of commercial personnel

Marel's digital journey is instrumental in achieving long-term targets & will have positive business model impact



Stronger customer engagement driven by more solution offerings and stronger value proposition



Increased software solution sales driven by broader portfolio and improved upsell journey



Higher recurring revenues from subscriptions on software and digital enabled services



Greater share of wallet with higher attachment rates of software and service level agreements



Increased scalability improving return on invested capital

Arni Sigurdsson
Chief Strategy Officer and
Executive Vice President, Strategic Business Units



Anna Kristin Palsdottir
Executive Vice President, Innovation



Hjalti Thorarinsson
Vice President, Innova Software



Roger Claessens
Executive Vice President, Poultry



Q&A panel

Capital Markets Day - The 360° mini-series

Join our series of virtual Capital Markets Day events and explore how Marel delivers growth—globally, digitally, sustainably.

- Growth 11 Nov
- Global reach 18 Nov
- Digitalization 2 Dec
- Sustainability 9 Dec



Register on marel.com/cmd360

Tinna Molphy
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Questions

We're here to help!



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Thank you

