

A modern, multi-story building with a glass facade and blue structural elements, situated in a lush, green landscape with trees and a blue sky. The building is composed of several interconnected volumes. The foreground features a paved area and some greenery.

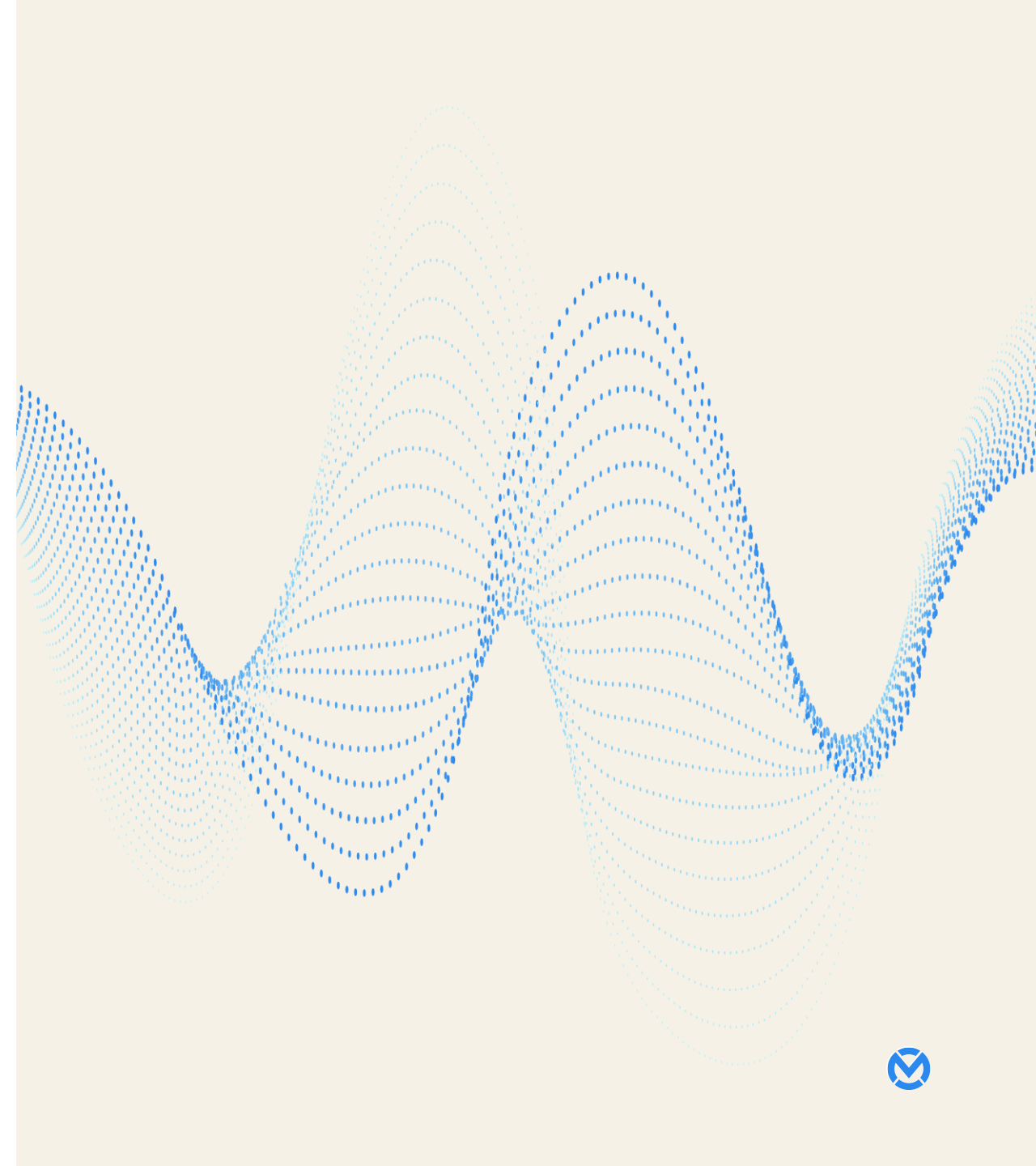
# Munters – Investor Presentation

Q3 2023

Investor Relations

# Agenda

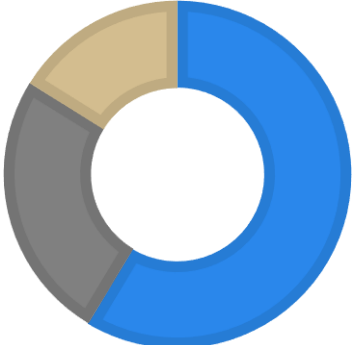
- Introduction
- Q3 highlights
- AirTech
- Data Center Technologies
- FoodTech
- Customer cases
- Appendix



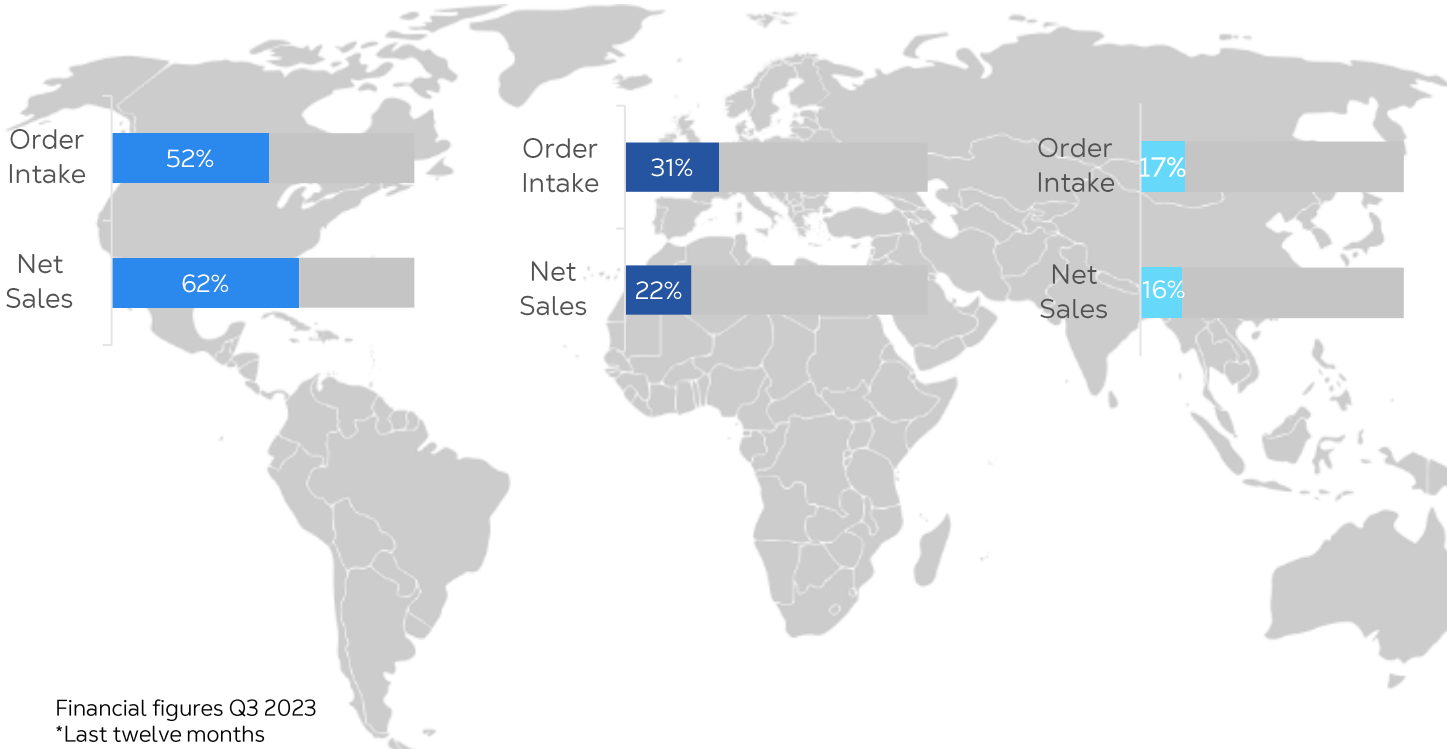
# World leader in energy-efficient climate solutions

Munters offers climate solutions where controlling indoor humidity, temperature and energy efficiency is mission-critical

Order Intake per business area Q3



Regional share Q3



Sales in number of countries  
**>30**

Sales MSEK\*  
**13,281**

Number of production plants  
**19**

Adj. EBITA margin\*  
**12.6**

Number of employees  
**~4,300**

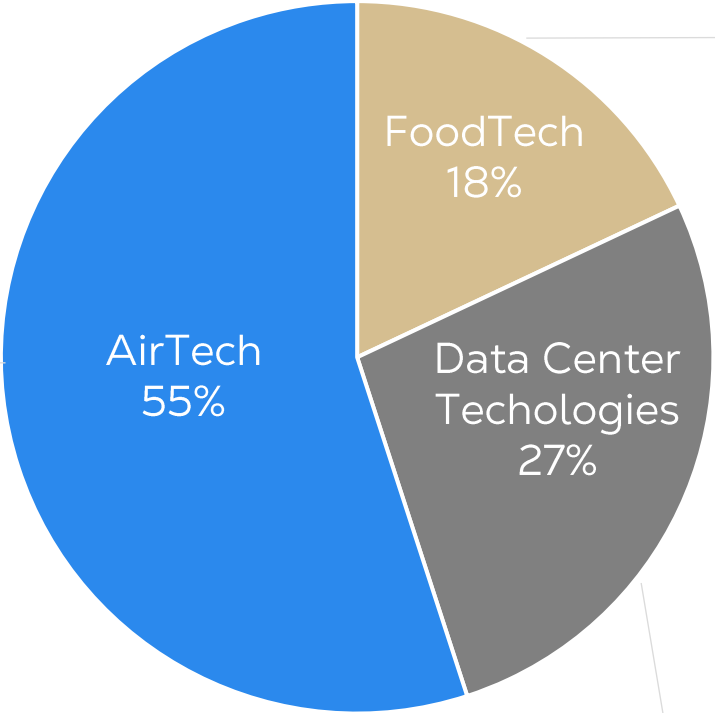




# Business critical solutions to a broad range of industries

	
Dry air for battery production	Clean Technology solutions for a healthier planet
	
Constant humidity solutions for the pharmaceutical industry	Climate & hygiene control for the food production industry
	
Leading supplier of Rotors & other components	Service offering to a broad range of customers

Distribution net sales Q3 2023




Indoor climate solutions for agriculture..

.. and greenhouses

Digital solutions for farmers & food producers



Data Center cooling solutions



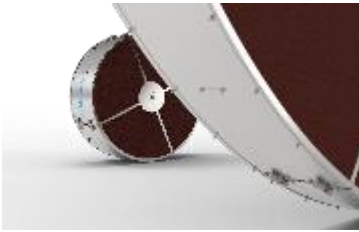
# Core technologies – dehumidification and evaporative cooling

## Core Technologies

Evaporative cooling pads



Rotors with desiccant drying wheel



## AirTech offering

Dehumidifiers

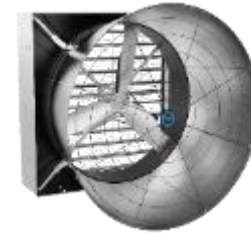


Climate systems

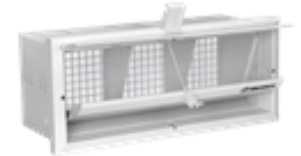


## FoodTech offering

High-efficiency fans



Air inlets



## DataCenter Technologies offering

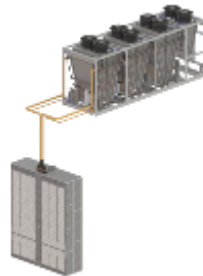
Packaged air economizers



Chilled Water CRAH\*



SyCool



Service



Controllers



Sensors & software

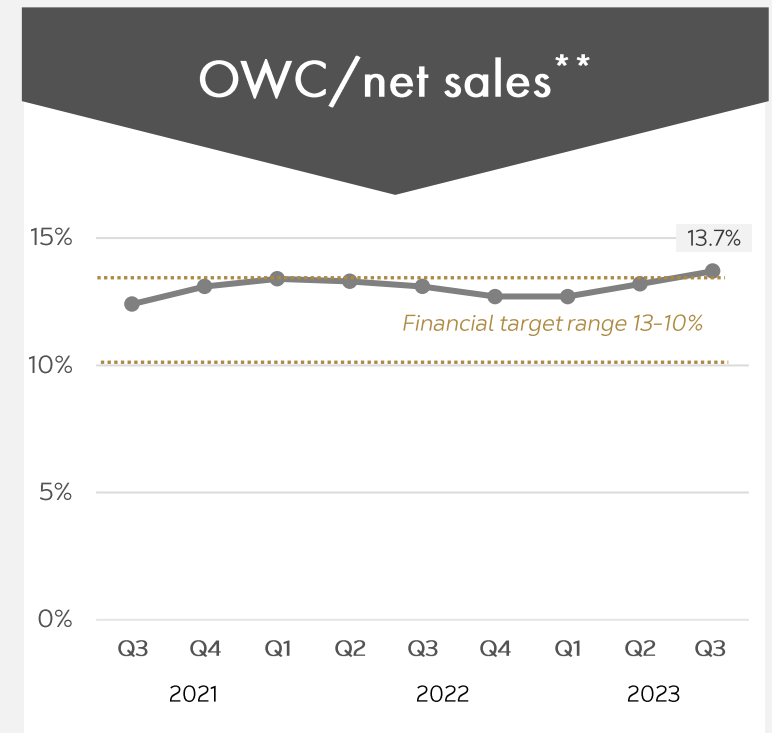
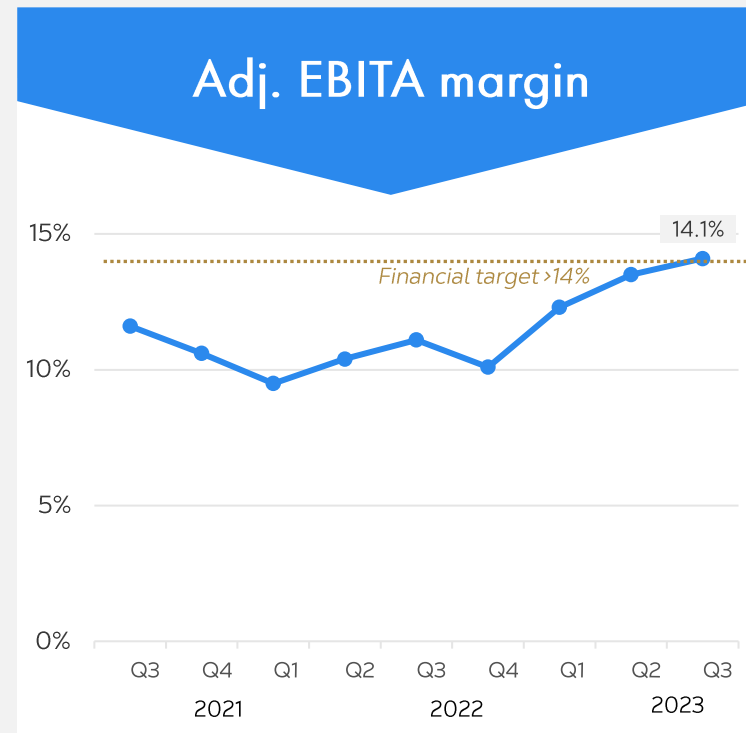


The above products are examples of products in the Munters offering  
\*CRAH – Computer Room Air Handler

# Progression towards our financial targets



\* Organic growth p.a. over a business cycle

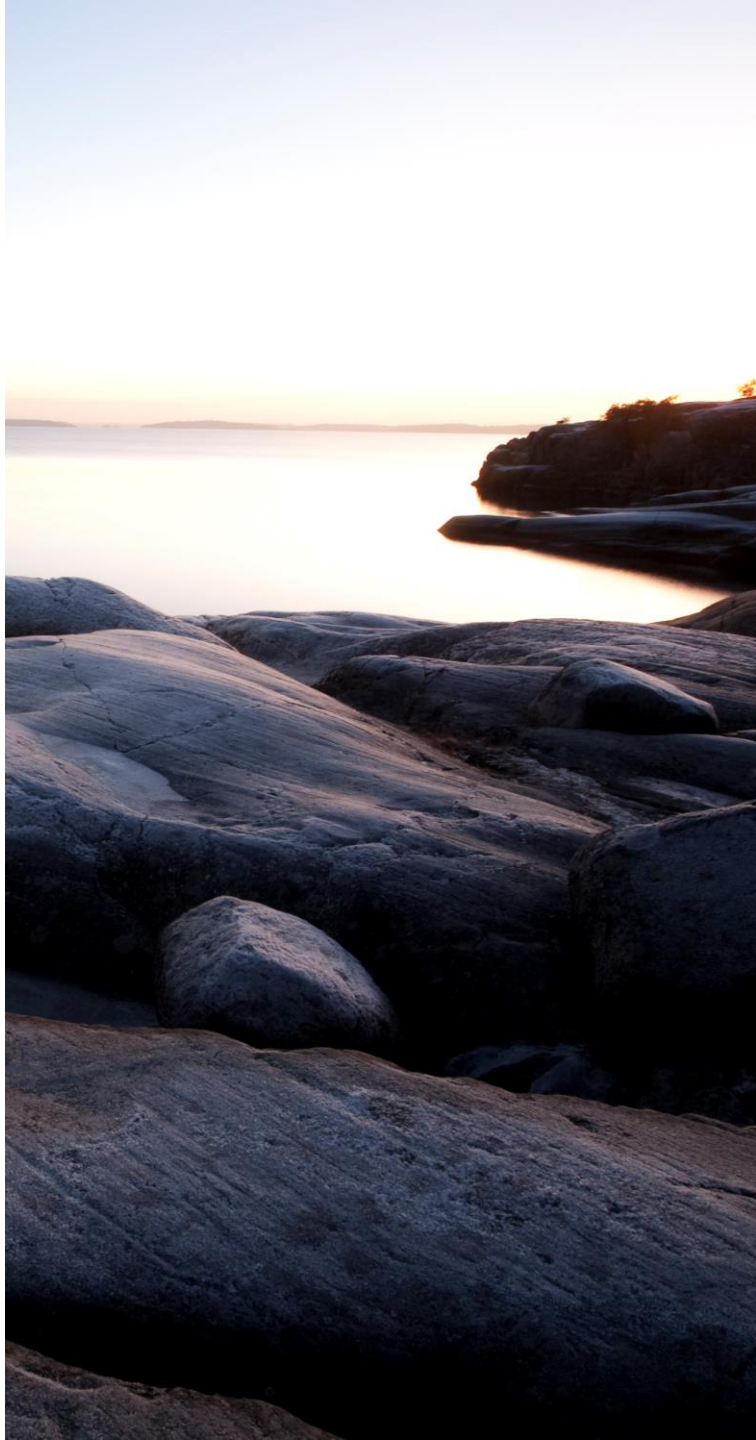
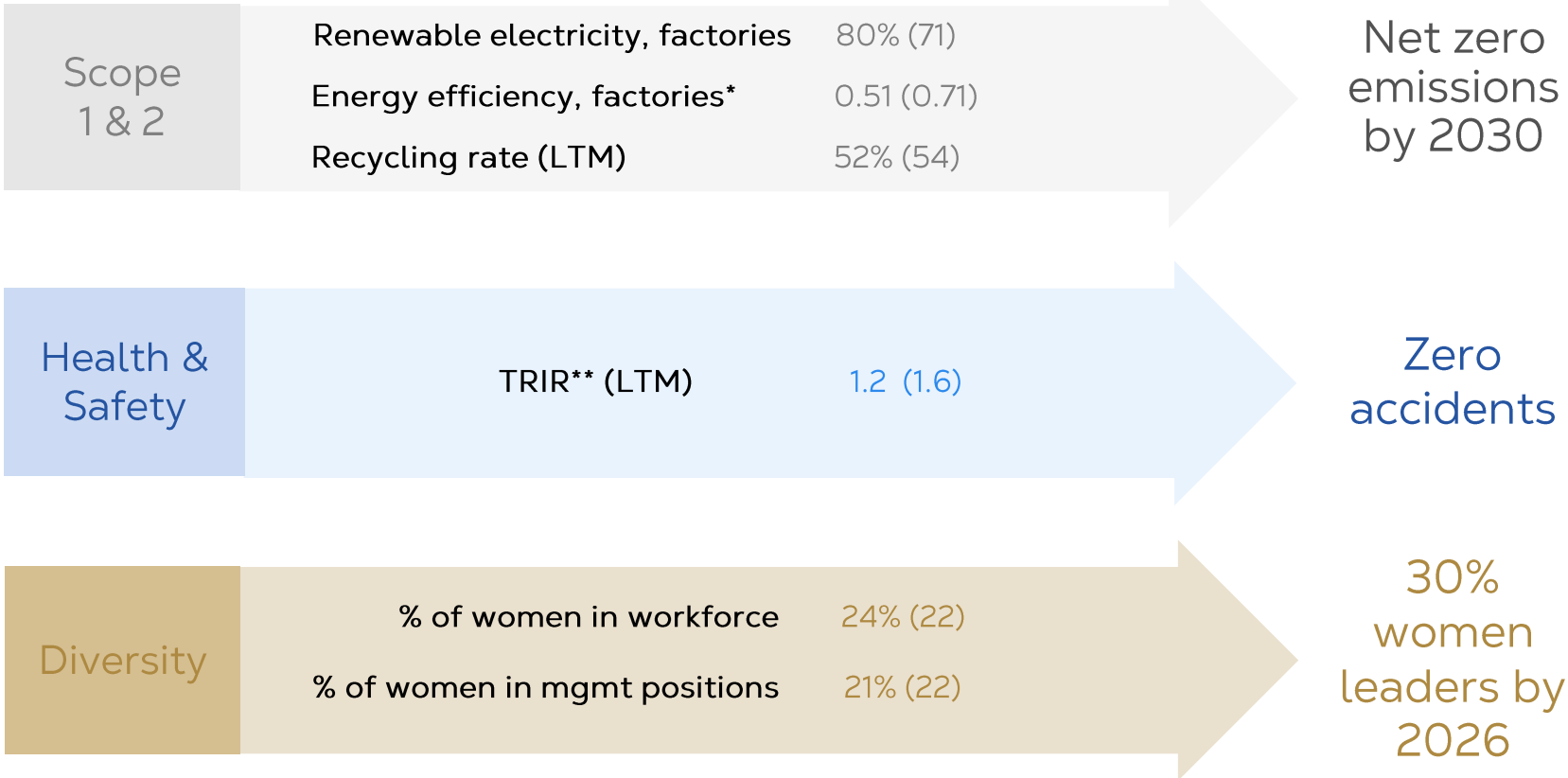


\*\*Average OWC (Operating Working Capital) last twelve months as % of net sales for the same period

# Advancement towards our sustainability goals

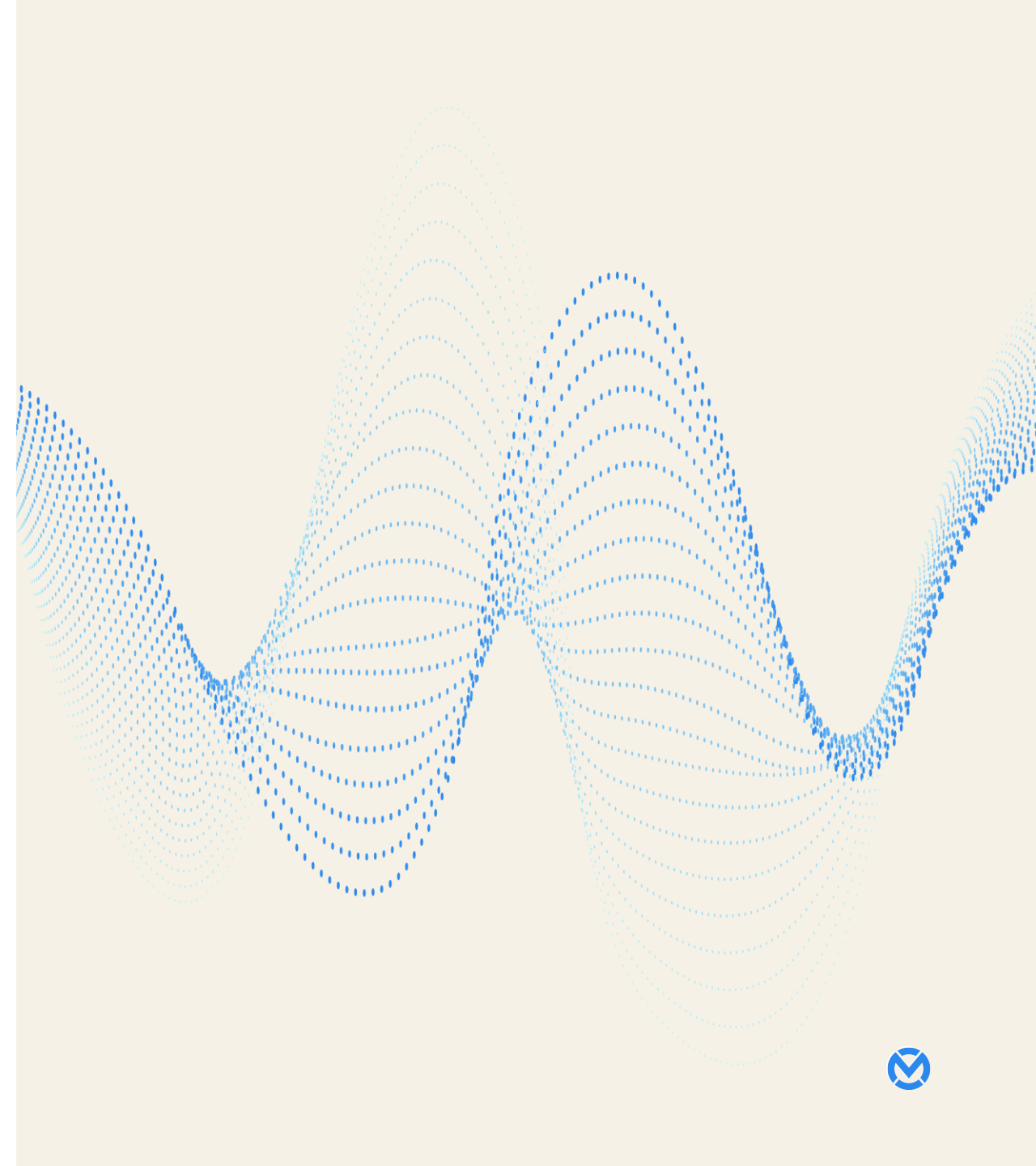
End of September 2023

Goal



# Agenda

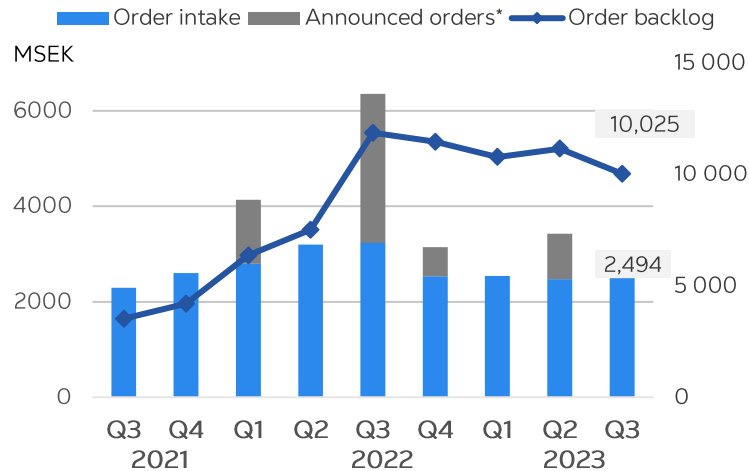
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# Strong net sales growth & profitability improvement

## Stable long-term growth trends



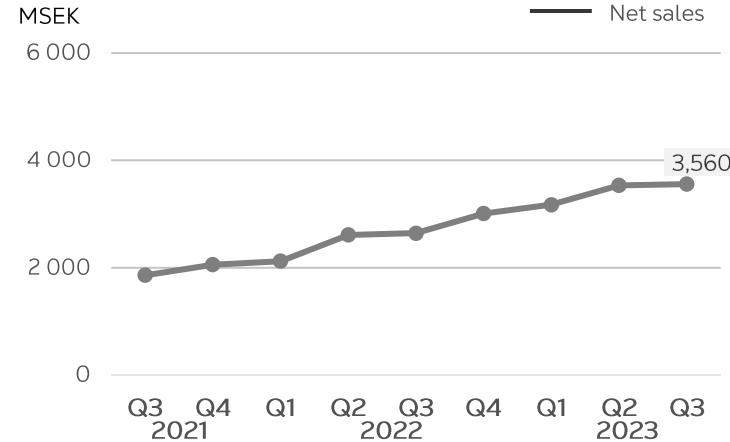
### Q3 Order intake, -61%:

- no larger orders in the quarter compared to last year
- underlying strong growth drivers, short-term orders are placed closer to delivery, partly driven by the macro environment

### Q3: Order backlog, -16%

- mainly large orders in DCT & AT, to be delivered throughout 2025

## Solid net sales growth

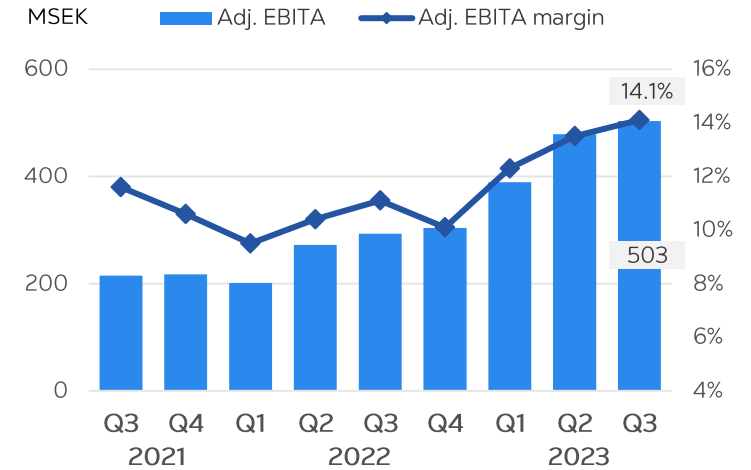


### Q3: Net sales, +35%:

- org. growth of 28%
- mainly driven by DCT & battery in AT
- FT showed strong development in Americas

Book-to-bill Q3: 0.7

## Continued improved profitability

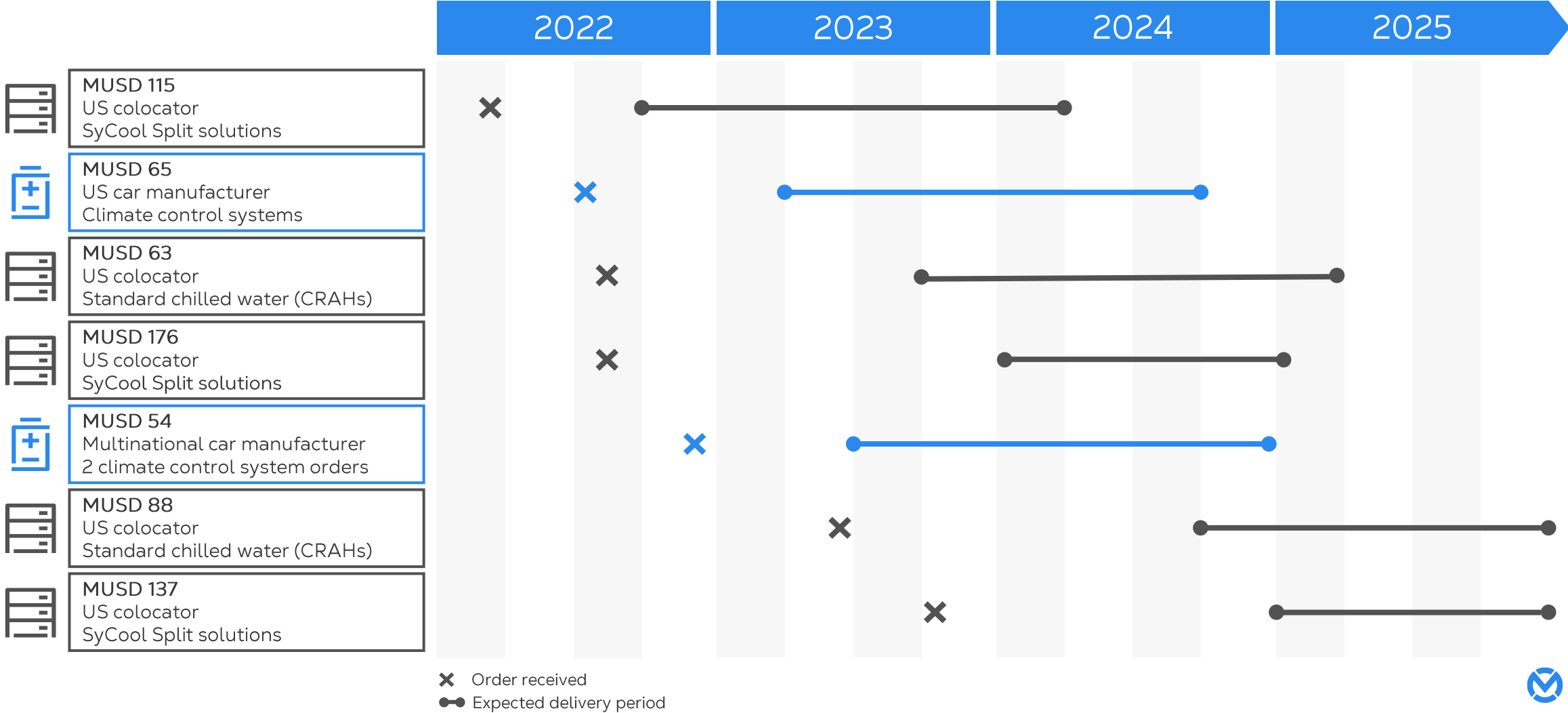


### Adj. EBITA-margin, Q3 14.1%:

- contributions from all business areas
- Driven by:
- increased net sales in AT & DCT
  - efficiency improvements in all business areas
  - well-executed project deliveries



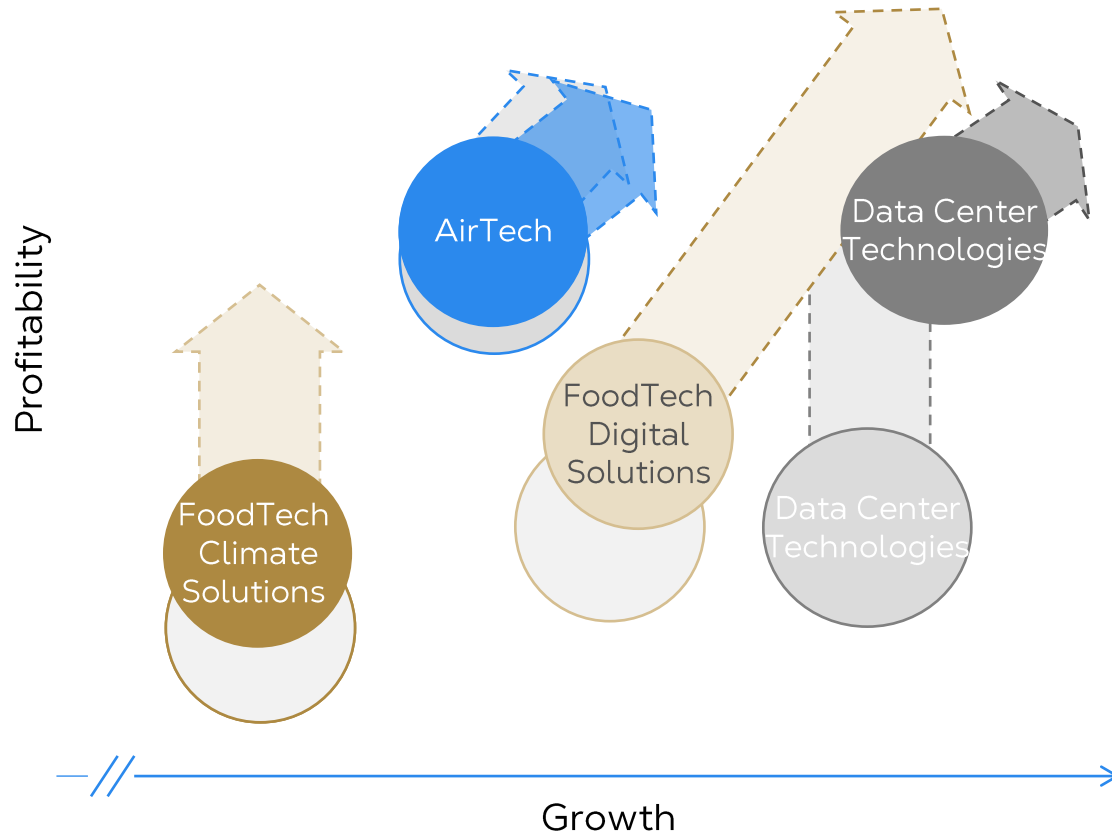
# Solid order backlog – large orders supportive into 2025



# Munters focus areas

ILLUSTRATIVE

Direction of positioning – 2023 and beyond



## Focus areas 2023 and beyond

### AirTech

- Continued progression on profitable growth & capturing orders
- Service & energy efficient solutions key drivers

### DCT

- Maintain profitability & growth focus
- Continue expanding market leading offer, i.e. in Europe

### FoodTech

- Digital Solutions (SaaS\* & controllers)– accelerate growth & profitability, through SaaS ARR and controllers
- Climate Solutions (Equipment) – strategic review



# Strong net sales growth

- **Net Sales** strong increase;
  - Strong development DCT & battery, AT
  - Services organic growth 7% to MSEK 479, representing 13% of total net sales
- **Adj. EBITA margin** improved in all business areas
- Improved **cash flow**;
  - Stronger earnings & positive effects from changes in working capital related to customer deliveries in DCT
- **Net debt** increased;
  - Mainly due to acquisitions and increased working capital in the last 12 months, financed partly by debt
- **Leverage** decreased

	MSEK	Q3 2023	Q3 2022	Change (%)		
				Organic growth	Structural growth*	Currency effects
Order intake		2,494	6,354	-64	1	2
Order backlog		10,025	11,866			
Net sales		3,560	2,644	28	3	4
Operating profit (EBIT)		454	271			
Adj. EBITA		503	293	65	4	3
Adj. EBITA-margin		14.1	11.1			
Net income		264	178			
Cash flow from operating activities		554	266			
OWC/net sales (%) <sup>1</sup>		13.7	13.1			
Net debt		4,399	3,654			
Net debt/Adj. EBITDA <sup>2</sup>		2.2	3.0			

<sup>1</sup> Average OWC (Operating Working Capital) last twelve months as % of net sales for the same period

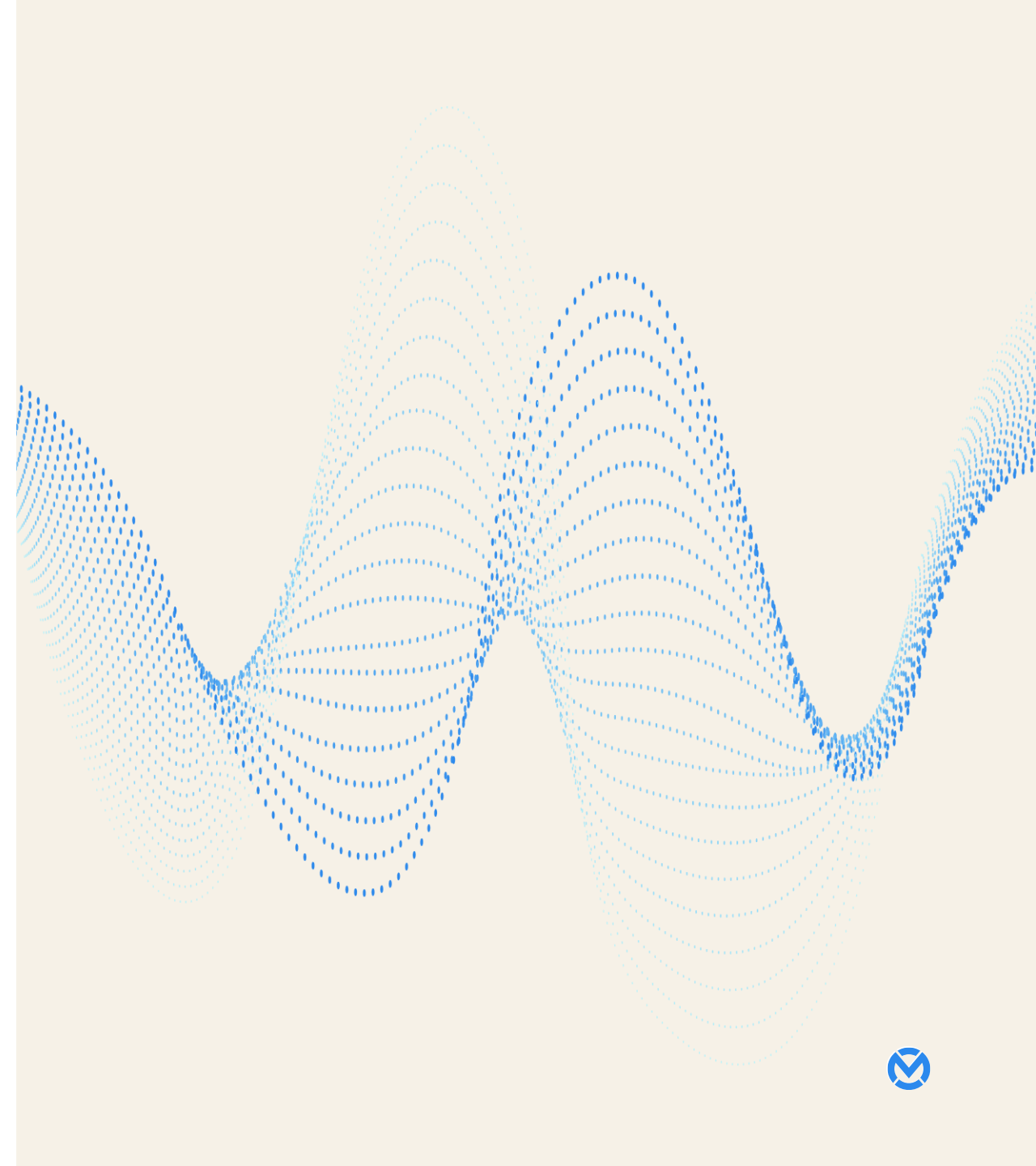
<sup>2</sup> Last twelve months

\* Acquisitions & divestments



# Agenda

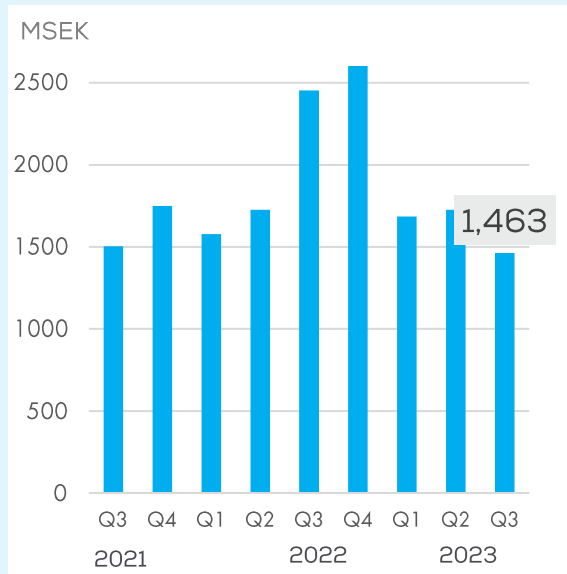
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# Global leader in air treatment for industry

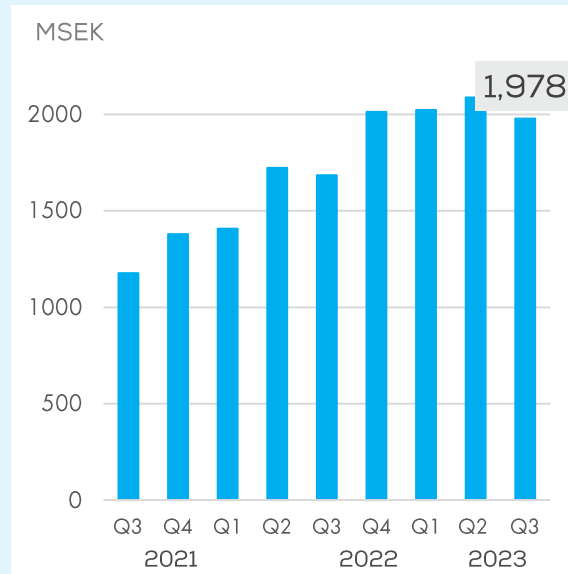
Order intake, MSEK\*

7,517



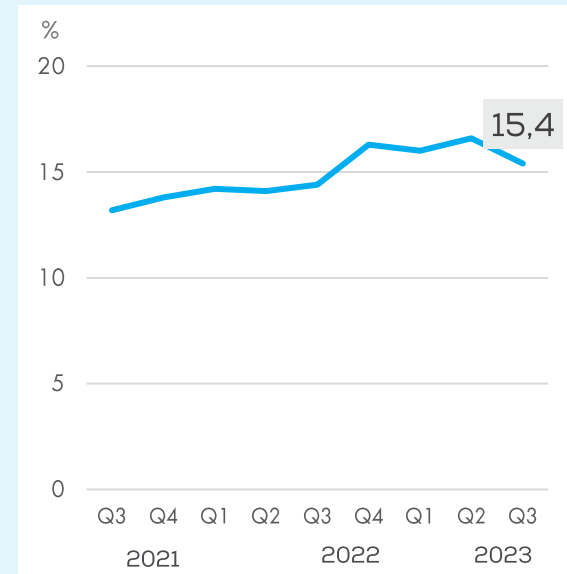
Net sales, MSEK\*

8,103

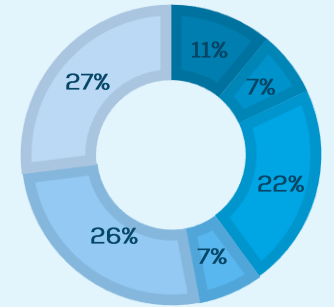


Adjusted EBITA margin\*

16.1%

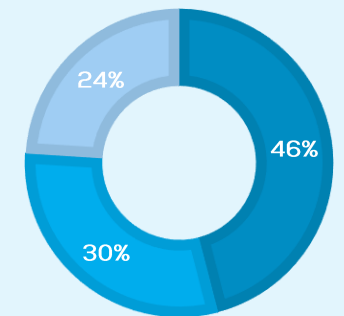


Customer segments of order intake



- Battery
- Food processing
- Other Industrial
- Clean Technologies
- Service
- Components

Order intake per region












- Americas
- EMEA
- APAC

Financial figures Q3 2023  
\* LTM

# Q3 - Stable long-term growth trends

 > 5%  
  ~ 1-5%  
  ± 0 -1%  
  neg

Customer segment	% order intake Q3 2023	Market Outlook *
Industrial	40%	
...whereof battery	11%	 ***
...whereof food processing	7%	
...whereof commercial	3%	
...whereof other	19%	
Clean Technologies	7%	
Service & components	53%	
...whereof service	26%	
...whereof components**	27%	

→ Order Intake decreased -45% org.;

- excl. large order of MUSD 65 received in Q3 2022, decrease -17% org.
- Battery – customers ordering closer to delivery in all regions, cont. consolidation of battery market in China
- Clean Technologies- declined due to delays in customer investment decisions
- Components – good growth in all regions
- Service – EMEA good growth, Americas & APAC weaker

\* Market outlook and comments are indicative and refer to the coming six months

\*\* Dehumidification rotors and humidification pads sold through OEM channels

\*\*\* Market outlook for Battery is strong with growth above 10 per cent

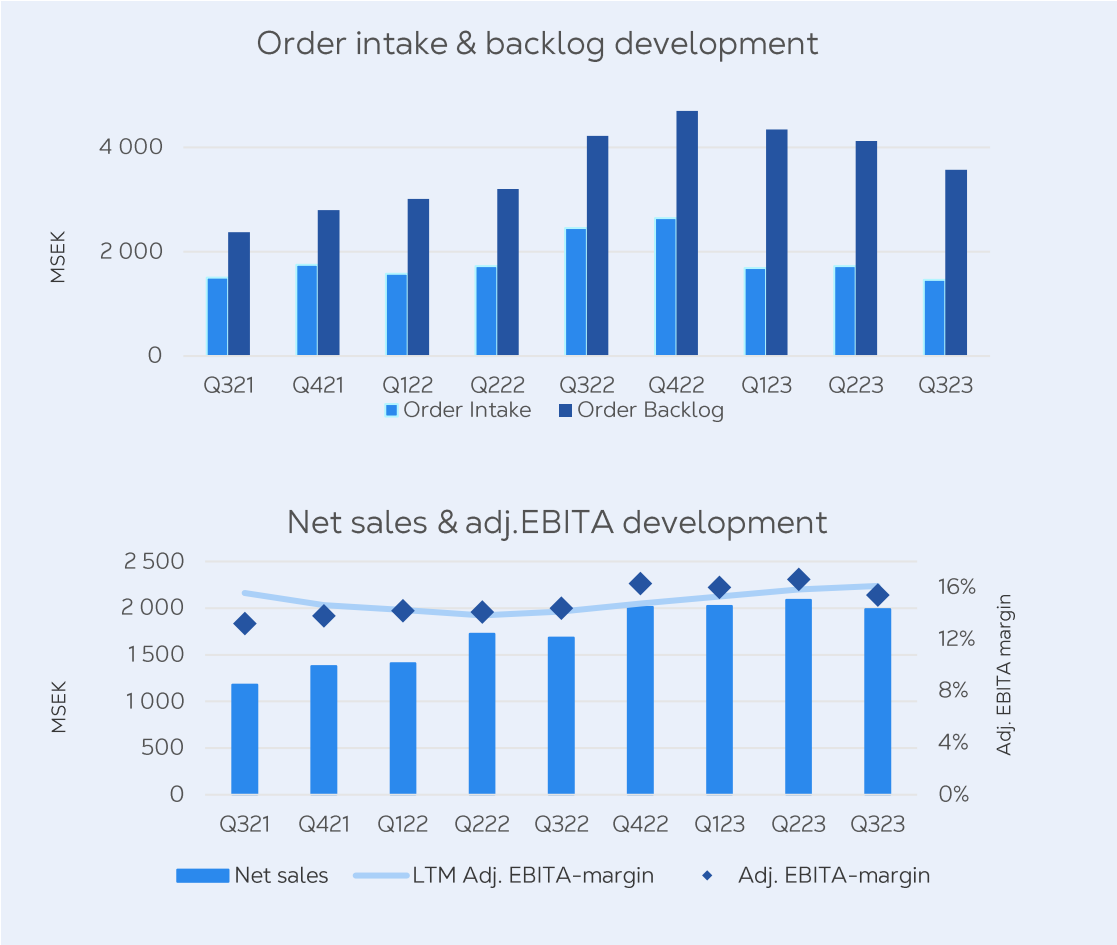


# Q3 - Positive sales growth in all segments

MSEK	Q3 2023	Q3 2022	Change (%)		
			Org.	Structural*	FX-effects
Order intake	1,463	2,453	-45	2	2
Order backlog	3,572	4,219			
Net sales	1,978	1,684	12	3	3
Adj. EBITA	305	242			
Adj. EBITA (%)	15.4	14.4			

→ Adj. EBITA margin improved;

- + increased net sales
- + cont. efficiency improvements
- + contributions from net price increases







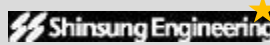





























\* Acquisitions & divestments





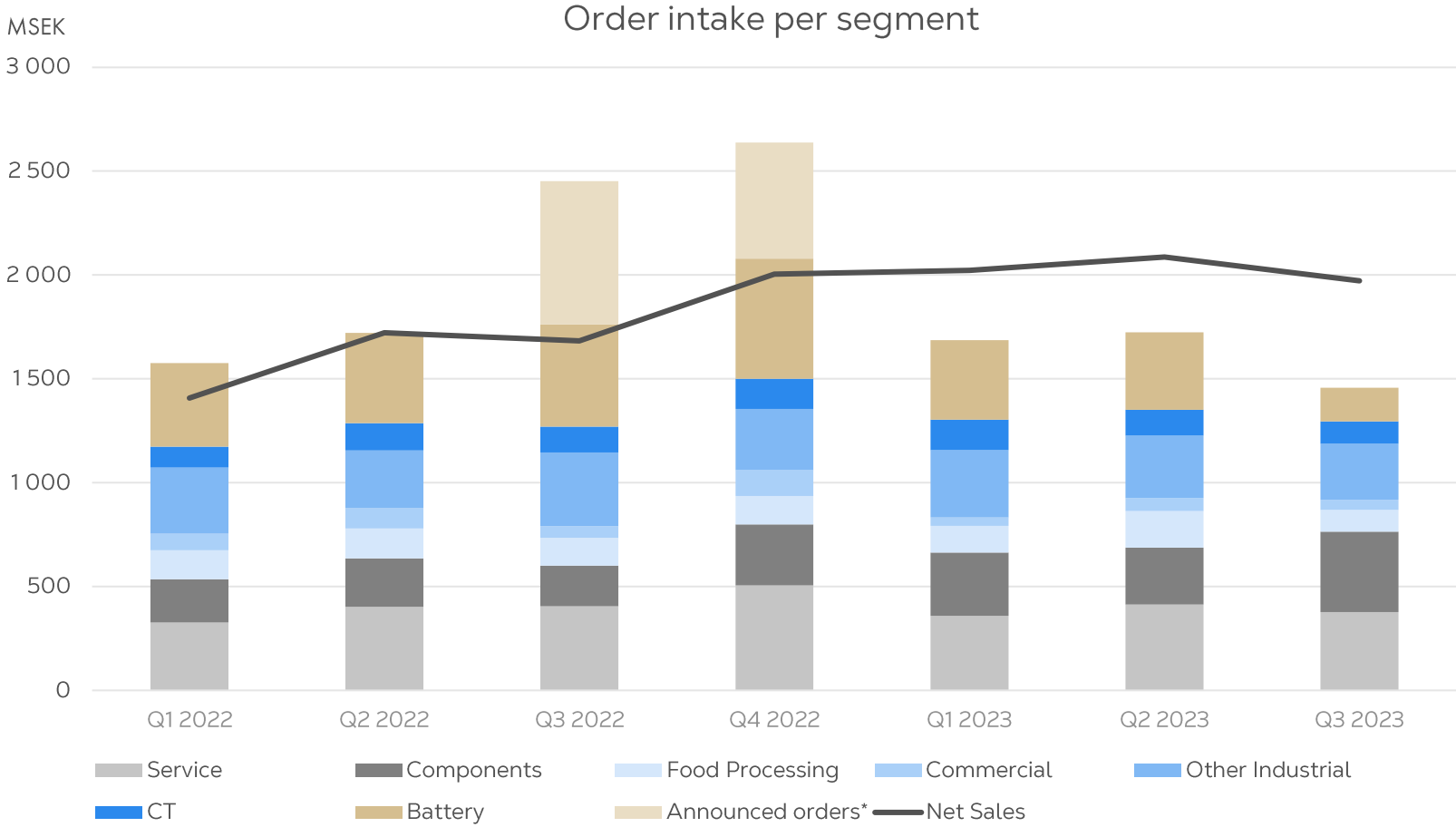
# Selection of market players - mainly small local players

		Small (<1 BSEK)				Medium (1-2 BSEK)	Large (2-10 BSEK)	Extra Large (>10 BSEK)
Humidity Control Technologies	Dehumidification	 AM	 AS	 AS	 AM	  AM/AS/EU	 AS	
		 AM/AS	 AM	 EU	 AM		 AM	
	 AM	 EU	 AS	 AS		 AS		
	 AS	 AS	 AS	 EU				
	 AS	 AM	 AS		 EU/AS	 EU/AS/AM		
Clean Technologies	 EU	 EU	 EU	 EU	 AM	 AM/AS/EU	 EU/AS/AM	 EU/AS/AM

★ A small business within a large company/conglomerate



# Stable market activity in several segments



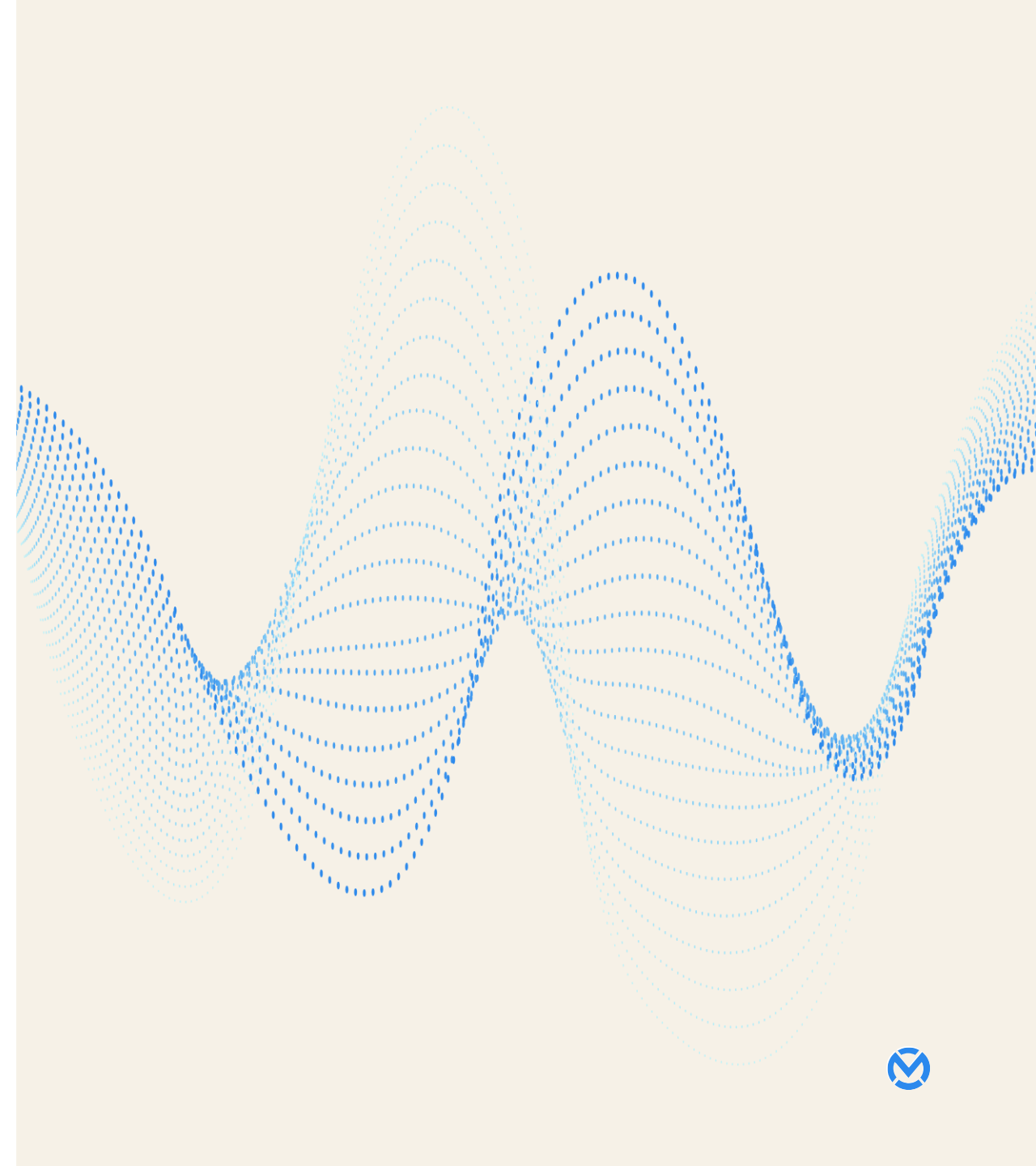
- Variations in large orders i.e., batteries
- Other industrial & CT, steady development
- Service & Components stable and growing
- Secure future orders & ramp up production capacity

\*Large orders announced through press releases



# Agenda

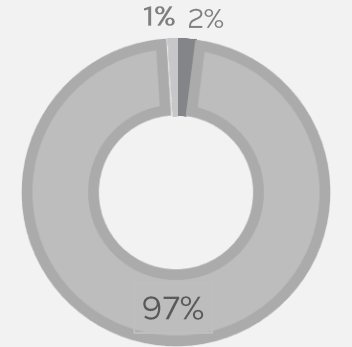
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# Sustainable cooling solutions that facilitate digitization

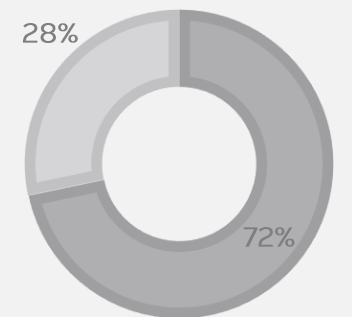
## Data Center Technologies

Customer distribution of order intake



- Hyperscalers
- Colo
- Telco & enterprises

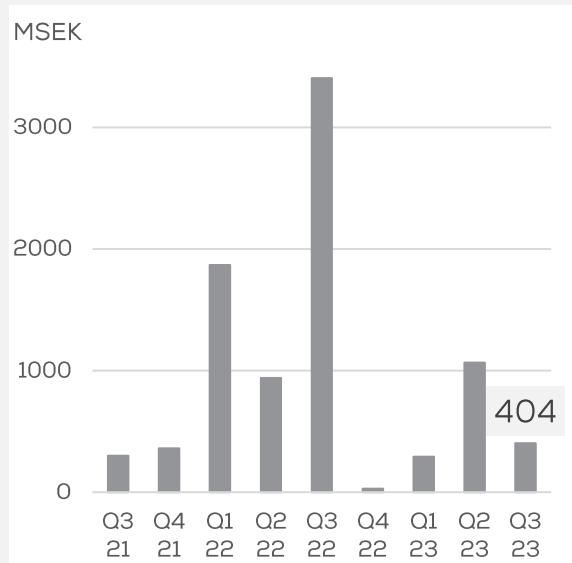
Order intake per region



- Americas
- EMEA
- APAC

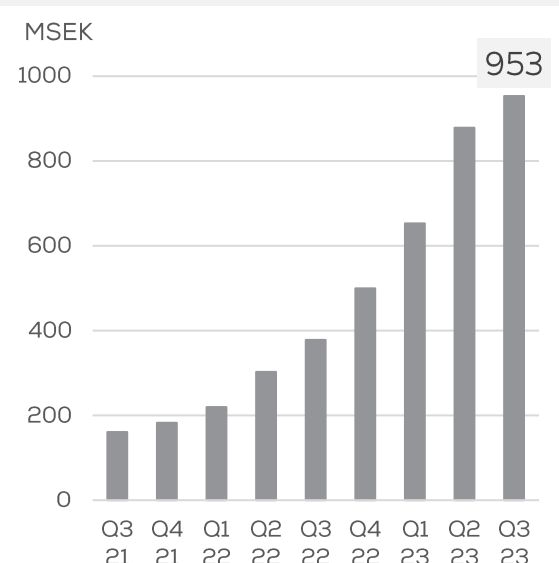
Order intake, MSEK\*

1,793



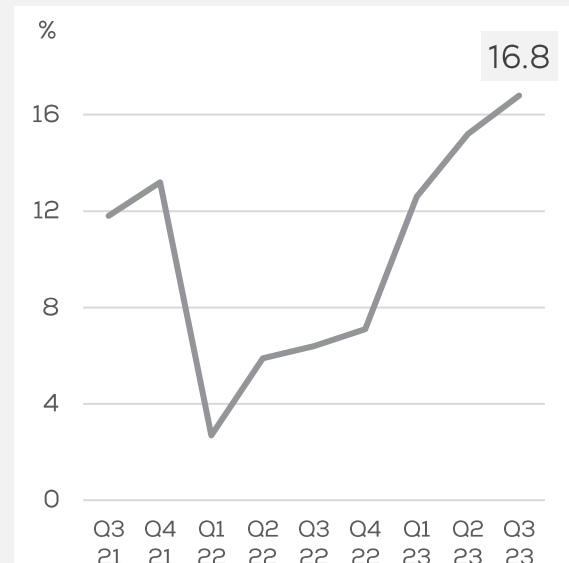
Net sales, MSEK\*

2,983







Adjusted EBITA margin\*




13.8%





# Q3 - Positive development in Europe

 > 5%  
  ~ 1-5%  
  ± 0 -1%  
  neg

Customer segment	% order intake Q3 2023	Market Outlook *
Hyperscalers	2%	
Colocation	97%	
Telco & enterprises	1%	

## → Order Intake decreased -89% org.;

- excl. two large orders of MUSD 239 received Q3 2022, decrease -49% org.
- due to changed ordering pattern among customers
- underlying demand continued good
- good development in Europe, i.e. Oasis product

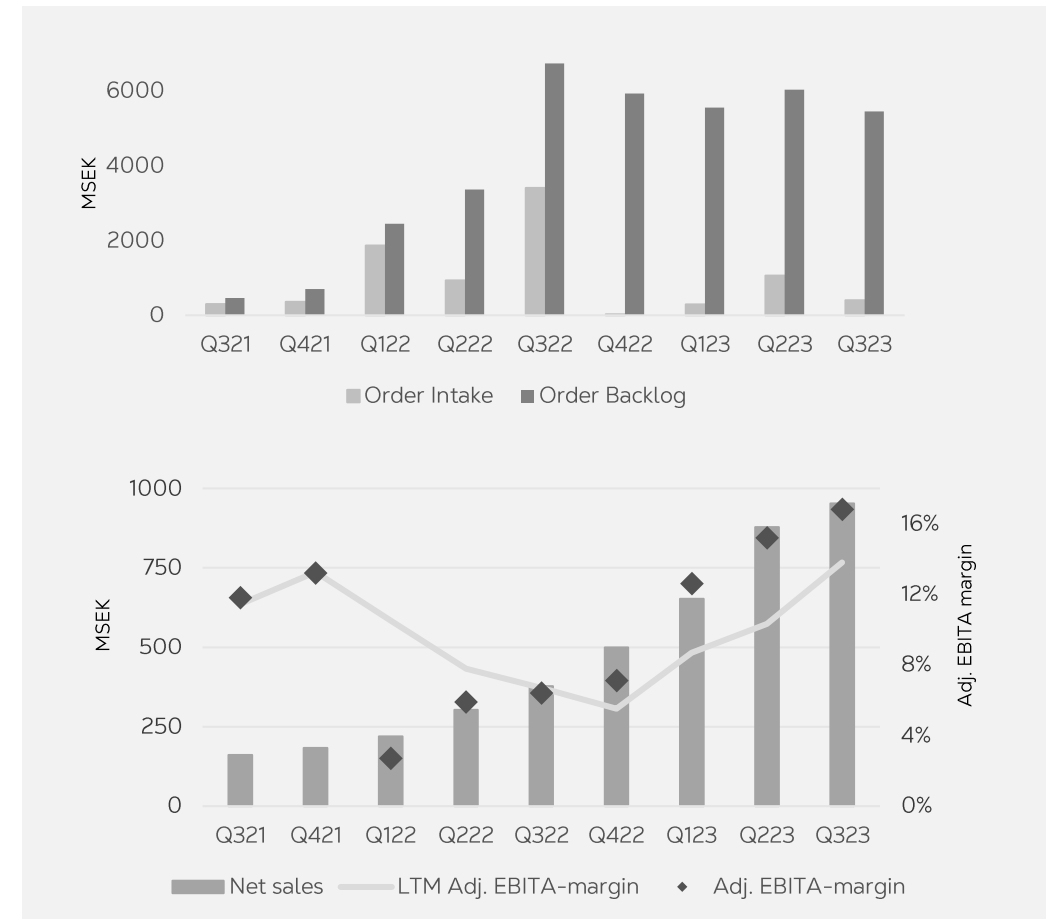
- **Hyperscalers** – increased activity both for own facilities & colocation leasing. AI driving significant growth, increased need for server space & higher density cooling requirements
- **Colocation** – continued strong demand in both regions due to increased build outs and investments, driven by increased leasing demand
- **Telco & enterprises** – moving away from own facilities, lease either cloud or colocation space. Trend likely to continue with only selected data centers being built



# Q3 - Good execution on large orders

MSEK	Q3 2023	Q3 2022	Change (%)		
			Org.	Structural*	FX-effects
Order intake	404	3,406	-89%	-	1%
Order backlog	5,453	6,739			
Net sales	953	378	140%	-	13%
Adj. EBITA	160	24			
Adj. EBITA (%)	16.8	6.4			

- **Adj. EBITA margin** significant increase;
- + strong volume growth
  - + increased utilization rate in production
  - + investments in competence and resources expected to increase to capture growth

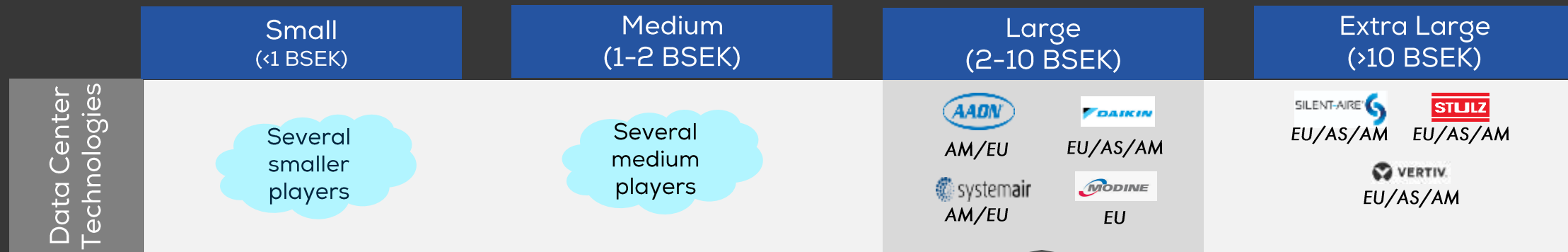


\* Acquisitions & divestments



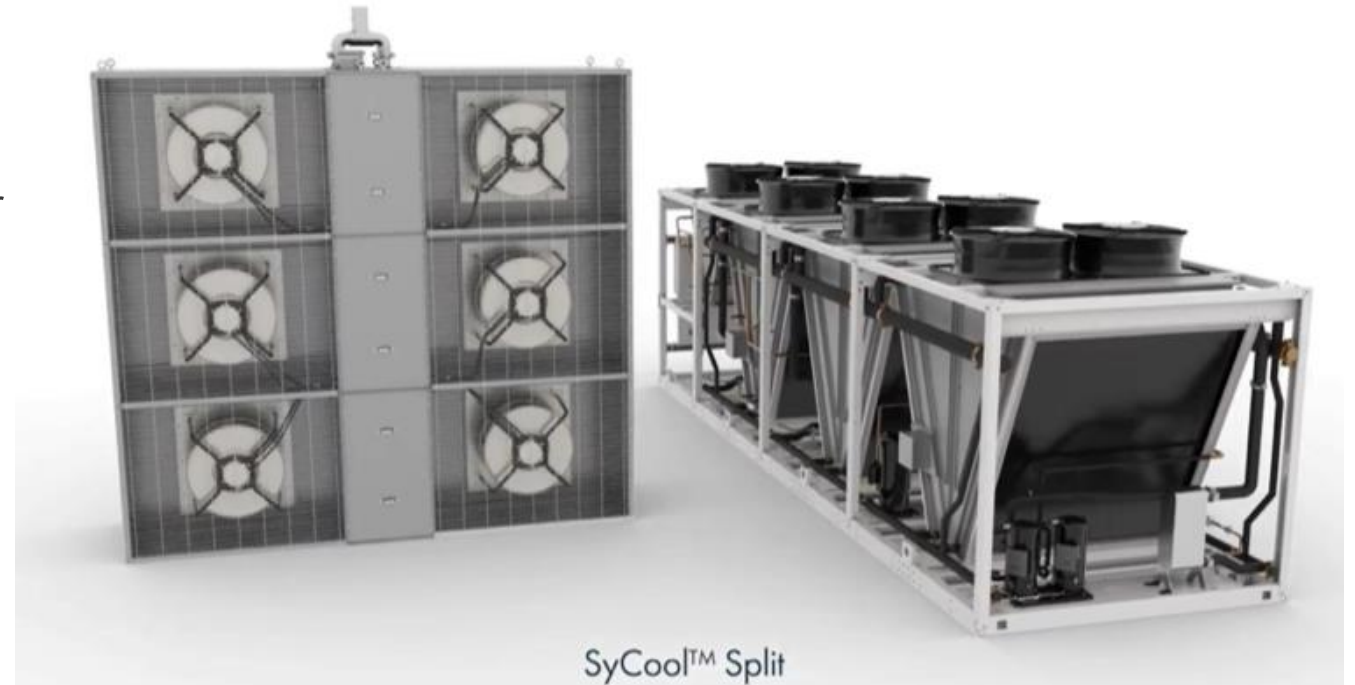
# Selection of market players – Munters well positioned for growth

→ An order in DCT generally consists of several equipment deliveries



# Major order for SyCool Split in the US

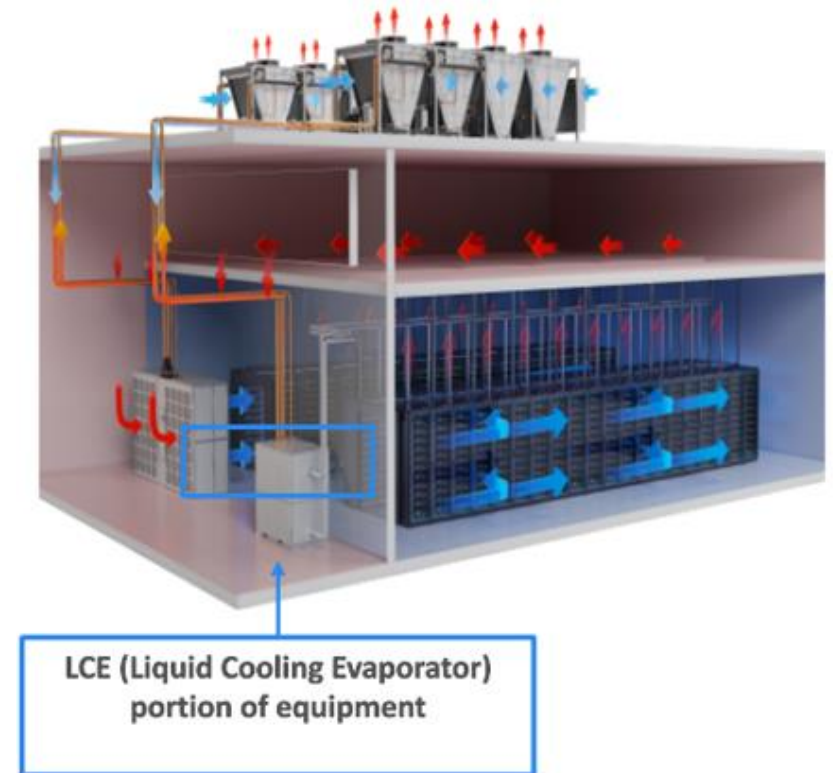
- Value of MUSD 137 (~ BSEK 1.5)
- Leading data center colocation operator in the US
- SyCool Split systems as well as field service work
- Delivered throughout 2025



*“This order reaffirms our esteemed market position and showcases our expertise in cultivating lasting customer partnerships”*

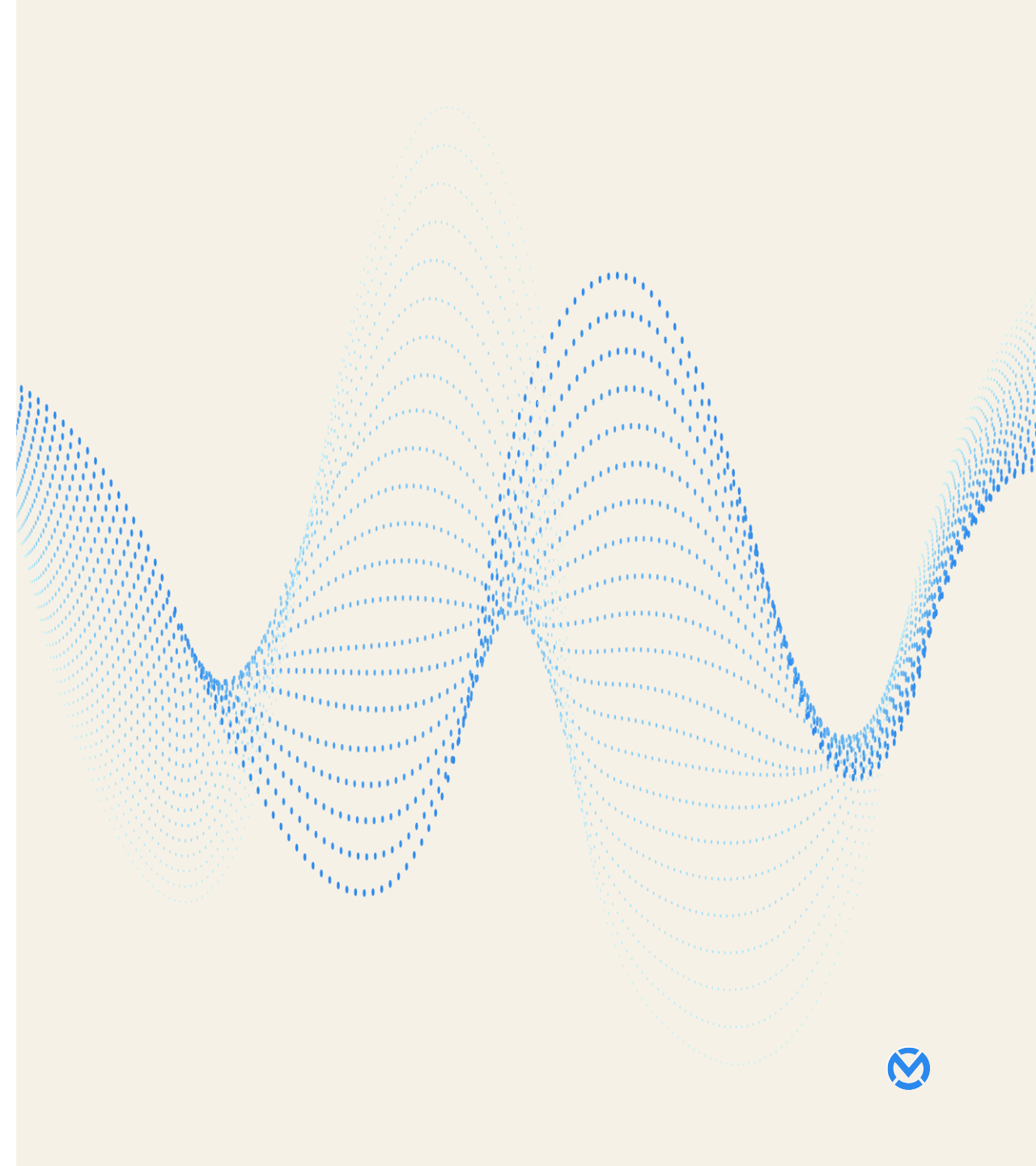
# Munters first order to pair our heat rejection technology with liquid cooled servers

- R&D work in close collaboration with large colocation customer
- Regular SyCool split has a Computer Room Air Handler (CRAH) in the data hall, where hot air from the servers make a circuit of refrigerant evaporate, transferring heat up to condenser on roof where the heat is rejected
- To accommodate liquid cooled servers when required, CRAH can be exchanged to Liquid Cooling Evaporator (LCE)
- The liquid being used to cool the servers is run through the LCE where the hot liquid (instead of hot air as in CRAH) make the SyCool refrigerant absorb the heat, evaporate and rise to the condenser where the heat is rejected.
- The liquid cooling servers reset to a lower temperature => ready to absorb heat again



# Agenda

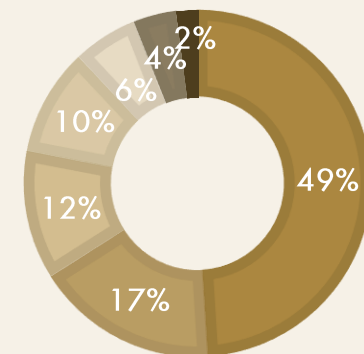
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# A world leader in climate control systems for food production

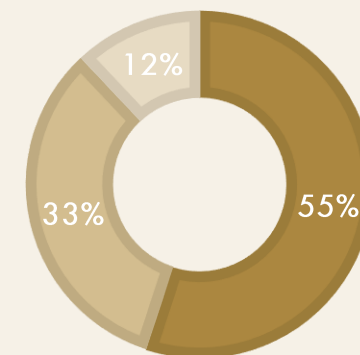
## FoodTech

Customer segments, net sales 2022



- Broiler
- Swine
- Layer
- Digital Solutions
- Greenhouse
- Dairy
- Other

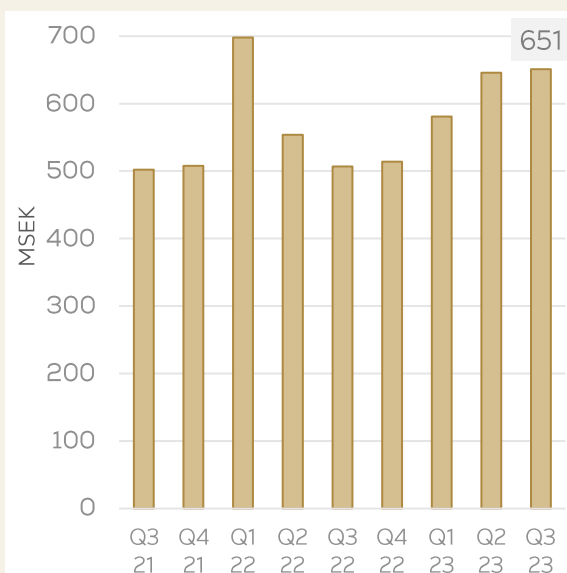
Order intake by region



- Americas
- EMEA
- APAC

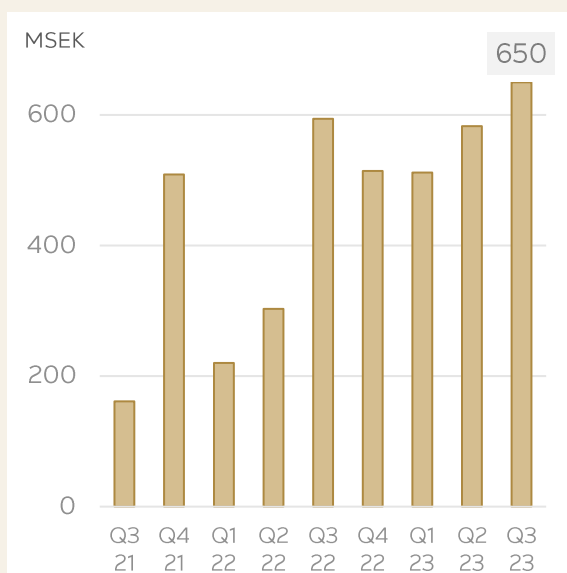
Order intake, MSEK\*

2,360



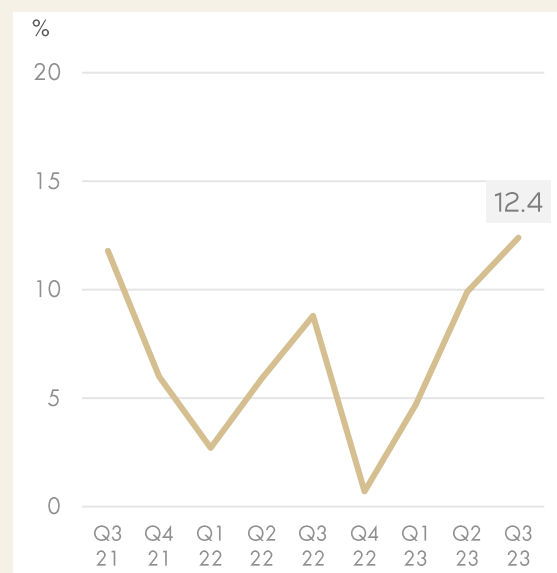
Net sales, MSEK\*

2,259



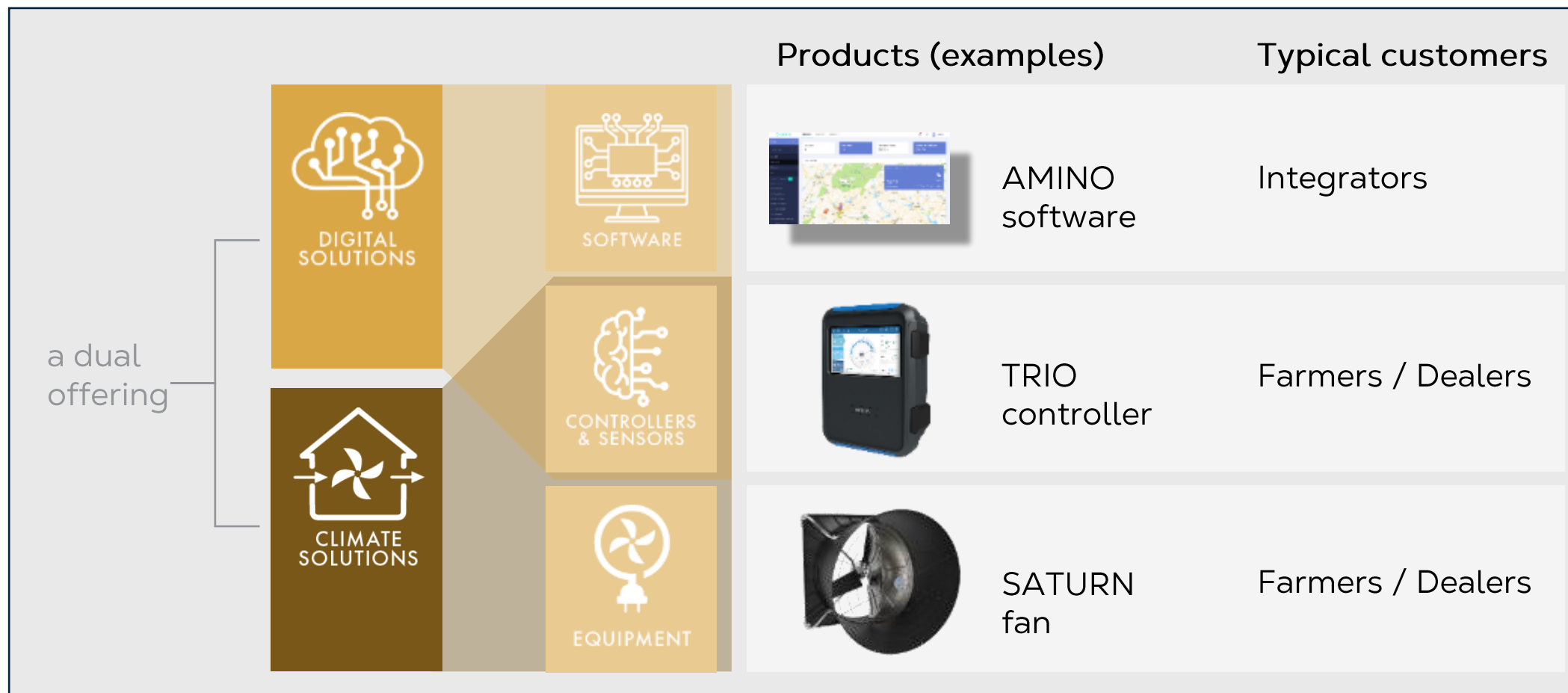
Adjusted EBITA-margin\*

7.4%



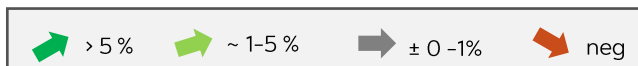









# FoodTech - a leading dual offering



FoodTech stands on two pillars, climate solutions and digital solutions

# Q3- Strong growth journey in Digital solutions



Customer segment	% order intake Q3 2023	Market Outlook *
Climate Solutions (incl. Controllers)	85%	
...whereof Broiler	48%	
...whereof Swine	10%	
...whereof Layer	19%	
...whereof Greenhouse	5%	
...whereof Dairy	0%	
...whereof Other	3%	n/a
Digital Solutions	15%	

→ Order Intake increased +22% org.;

- driven by the US & improvement in EMEA
- CS - good development in the broiler & layer segments in the US. Slight recovery in APAC & EMEA led to a stable development.
- DS - strong growth journey continues

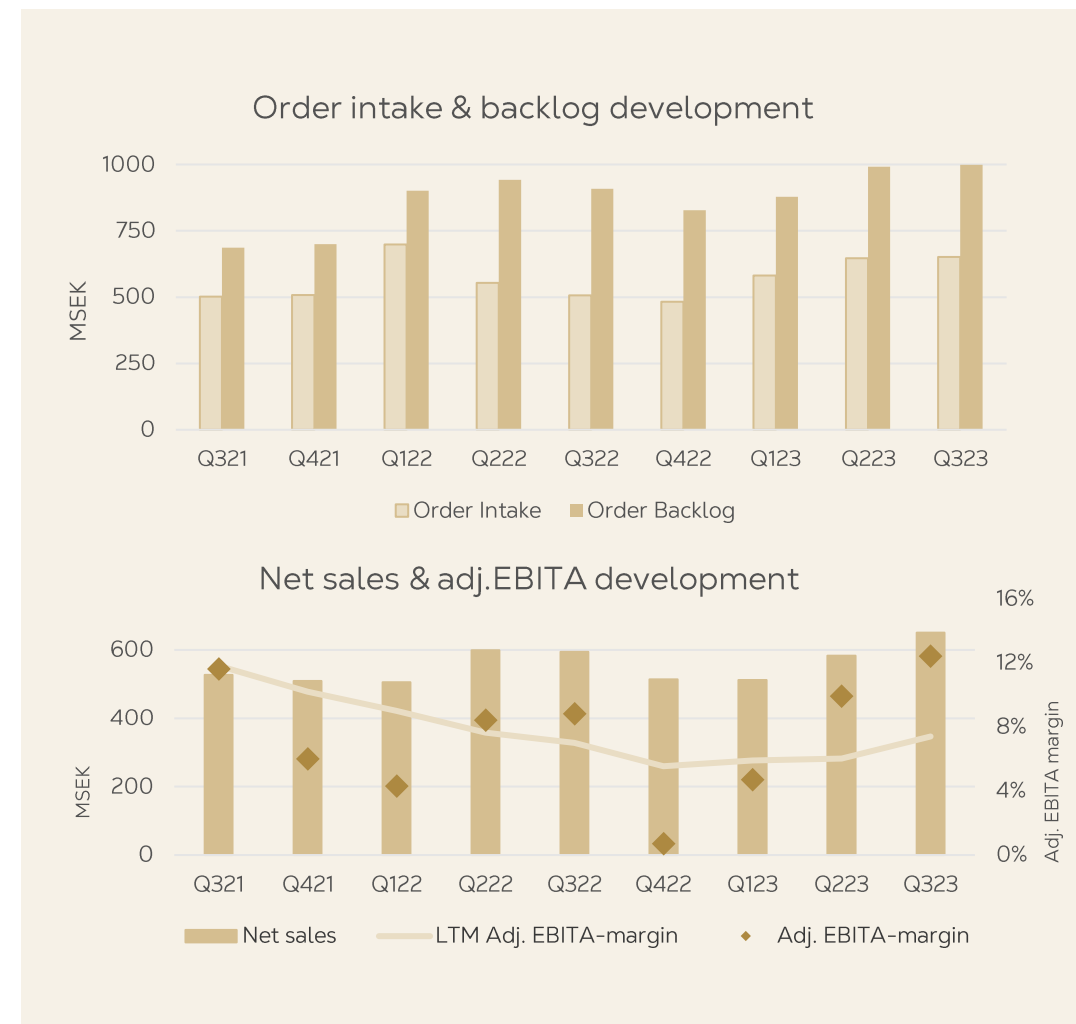
\* Market outlook and comments are indicative and refer to the coming six months

# Q3 - Commercial excellence initiatives drives margin improvement

MSEK	Q3 2023	Q3 2022	Change (%)		
			Organic	Structural*	FX-effects
Order intake	651	507	22%	5%	1%
Order backlog	999	908			
Net sales	650	594	1%	5%	3%
- of which SaaS	48	32			
- SaaS ARR	194	127			
Adj. EBITA	80	53			
Adj. EBITA (%)	12.4	8.8			

→ Adj. EBITA margin increased;





























- + increased net sales
- + effects from operational excellence improvements
- + net price increases
- + improved profitability in DS
- cont. weak in EMEA & APAC
- cont. high investments in DS



\* Acquisitions & divestments



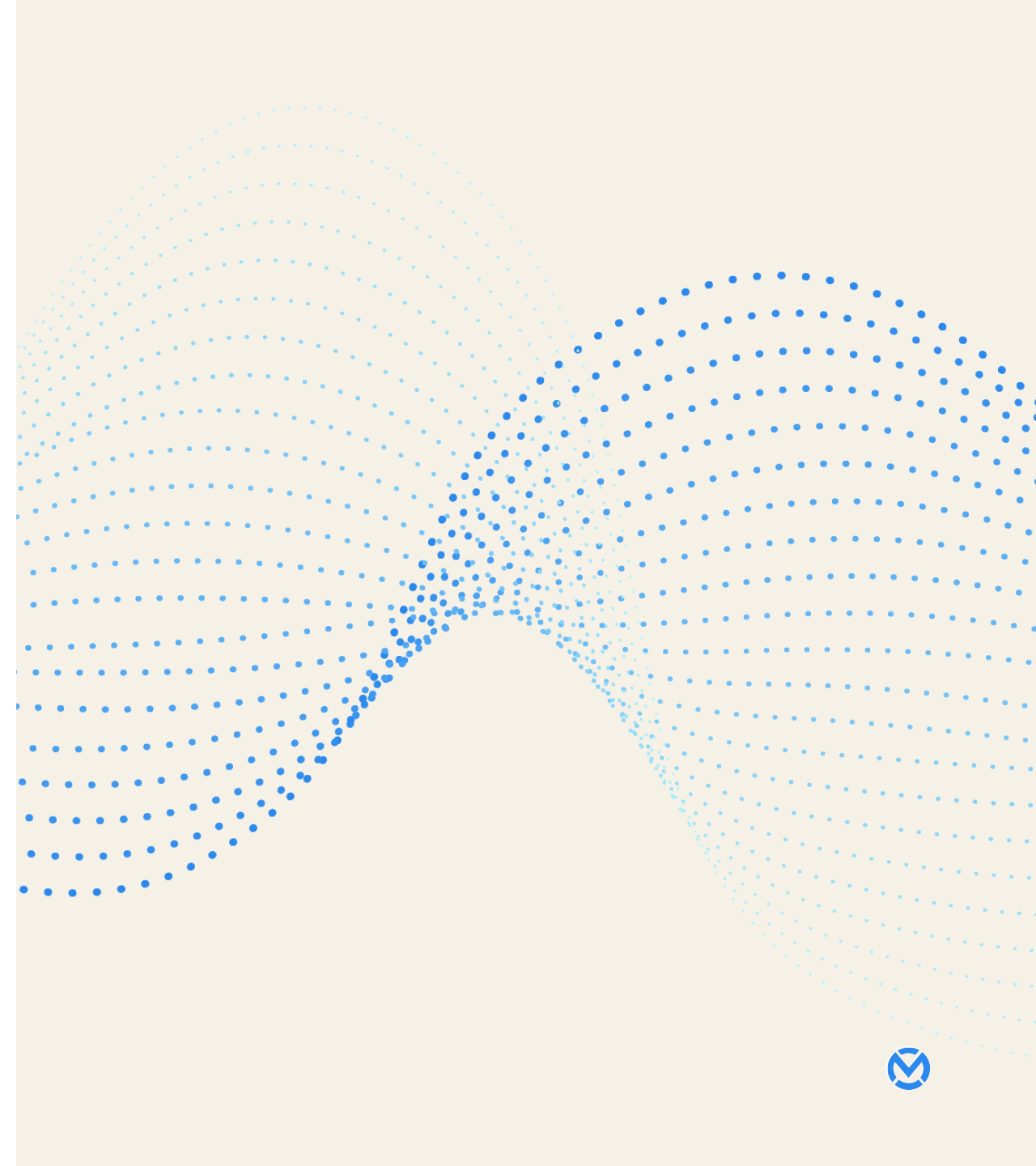
# Selection of market players within Climate solutions

Fans	 EU/AS/AM	 EU/AS/AM	 EU	 EU	 EU/AS/AM	 China	 EU/AS	Fans
Cooling	 EU/AS/AM	 AS	 EU	 AM	 AS	 Middle East	 AM	Cooling
Inlets	 EU/AS/AM	 EU	 EU	 EU	 AM			Inlets
Controllers	 EU	 EU/AS/AM	 EU/AS/AM	 EU/AS/AM	 EU/AS/AM	 AM/AS	 EU/AS/AM	Controllers
Other	 EU/AS/AM		 EU					Other



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- Customer cases & M&A
- Appendix



# Acquisition of ZECO - strengthens our market position in India

## → ZECO

- Indian manufacturer of air treatment solutions - adds complementary products to our core offer
- Combined offering positions us for growth
- Provides a strong platform for growth – 3 manufacturing facilities across India & several sales offices
- Reported net sales of ~ MSEK 510\* and an accretive EBITA-margin to the Group
- Estimated enterprise value of MSEK 790
- Closed on 16<sup>th</sup> of October





# Munters acquires Hygromedia and Rotor Source

## → Acquisitions in November 2022

- Hygromedia LLC
  - manufacturer of desiccant dehumidification media
  - specializes in components, supplying desiccant rotor
- Rotor Source Inc
  - supplier of rotors and cassettes to original equipment manufacturers (OEM)
- located in Baton Rouge, La., US, ~30 employees
- 2021 revenue at MUSD 11.5 with accretive EBITA-margin
- Rationale for acquisition
  - Provides us with additional channels to market
  - In line with strategy to strengthen our core business
  - Strengthens our offering to customer within battery, pharmaceuticals, electronics, food processing, aerospace etc.

The acquisitions strengthen our position as a leading supplier of desiccant dehumidification technology for numerous industrial processes





# AirTech strengthened with two new acquisitions

## → Tobo Component

- Swedish manufacturer of components, working with Munters since 2005
- Deal closed in May 2023
- Net sales 2022 ~MSEK 76, ~ 14 FTE
- Expand the humidification business & gives us full process control giving additional growth opportunities



## → SIFT

- Service business within climate control & cold storage in northern France
- Deal closed June 2023
- Net sales 2022 ~MEUR 3, ~ 17 FTE
- Following the strategy to increase market share within the service business in Europe



# Munters solutions support carbon capture processes



## Benefits

- Carbon capture - process of removing CO<sub>2</sub> from large emission sources by capturing & storing in underground geological formations
- Technology solution applicable for large facilities in many industries

## Customer case

- Cement, steel and the chemical industry emit high levels of CO<sub>2</sub> when broken down and no green substitute exists
- Munters Clean Technologies with Mass Transfer and gas-liquid separation solutions are critical parts of the carbon capture process
- Customer estimates a yearly reduction of CO<sub>2</sub> emissions by > 400,000 tons by the solution

## Munters role\*

- Munters gas-liquid separator to be used where liquids and gases need to be separated
- Munters equipment features an advanced type of inlet distributor (IDM) that introduces liquid mixtures into a vessel or a column
- The IDM liquid removal capacity has an efficiency of ~90% and evenly distributes the onward gas flow



# MTech Systems secures important SaaS contract

- **January 2022** - MTech Systems, within FoodTech, deliver SaaS solution to a major US integrator
- order value of ~MUSD 19
  - contributing to improved animal & human health as well as reduced energy consumption

Digital Solutions recurring revenues grew +53% in Q3





# Strengthening the FoodTech portfolio

## → Gaya farm project, South Korea

- Swine farm of 2,725 m<sup>2</sup>
- Sold products - Trio controllers & Lavamatic
  - Lavamatic - cleans the air (inside & out)
  - Trio controllers - cloud control management for air quality & animal welfare
- Chosen for Munters innovative and sustainable technology and the precise solution for air cleaning

## → Amick farms, Americas

- Broiler producer, >400 partner farms & three poultry production complexes, managing the full production process from egg to customer
- Sold products - Amino SaaS
  - Amino - a poultry management software app helping farmers and integrators to collect, manage and analyze data more efficiently





# Appendix

# Munters on a journey



2019

- Two business areas: AT and FT
- CEO and CFO recruited
- Strategic review of Data Centers and Mist Elimination
- Data Centers Europe closed

2020

- New strategic priorities launched
- Organizational re-design: business areas to own full value chain
- Efficiency improvement initiatives (Working capital focus)
- Management team expanded
- Reduction of product portfolio initiated
- AT strategic review

2021

- Efficiency improvement initiatives continue
  - Secure end-to-end information/value chain efficiency across all Munters
  - Working capital focus
- Increased focus on R&D
- FT strategy review & AT delivery on strategic review
- Listed on Nasdaq Stockholm's Large Cap

2022

- AT & FT delivery on strategic review
- New business area: DCT
- Acquisition in all business areas
- Updated financial targets

# All business areas contributed to improved profitability

## Group adj. EBITA margin impact

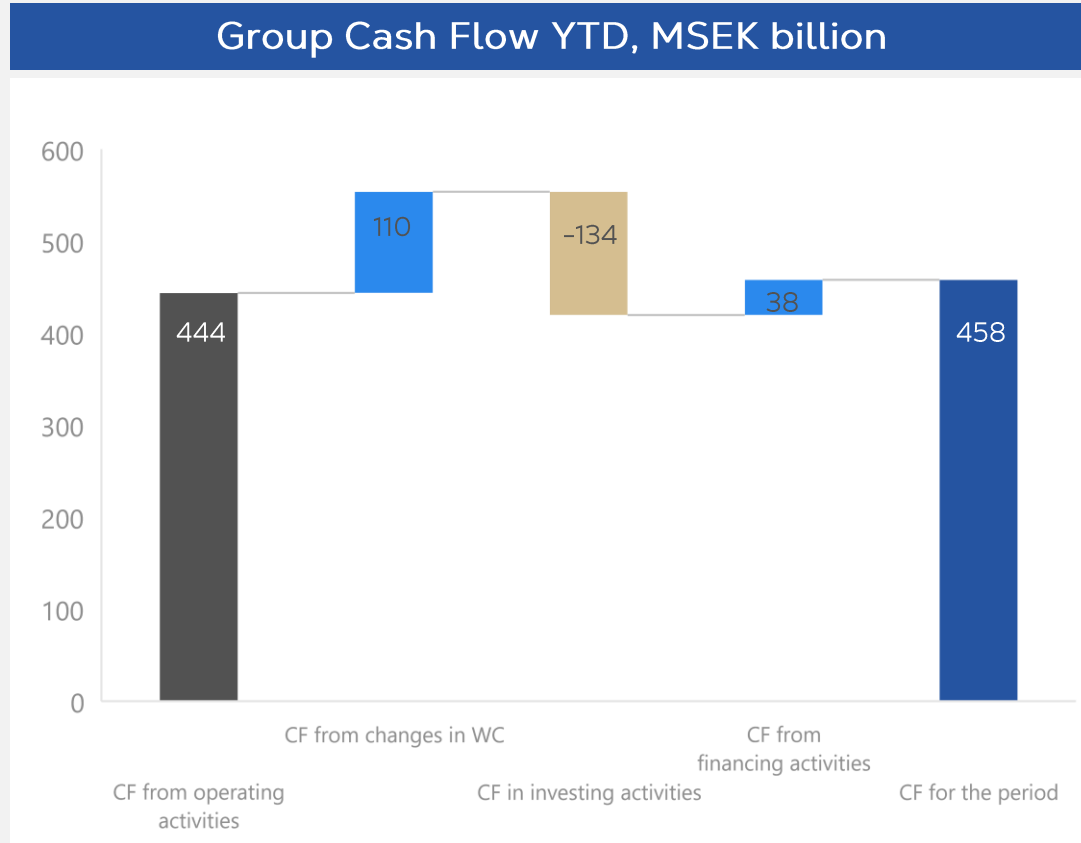
Q3 2022 adj. EBITA %	11.1
<hr/>	
Volume	++
Net pricing	++
Operational excellence	+
Strategic initiatives	-
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Q3 2023 adj. EBITA %	14.1

## Main factors affecting adj. EBITA margin in Q3:

- Strong **volume** increase driven mainly by DCT & battery in AT
- **Net pricing** increases in all business areas
- **Operational excellence** improvement initiatives contributed to margin improvement
- **Strategic initiatives** for scalability in digitization and automation continued



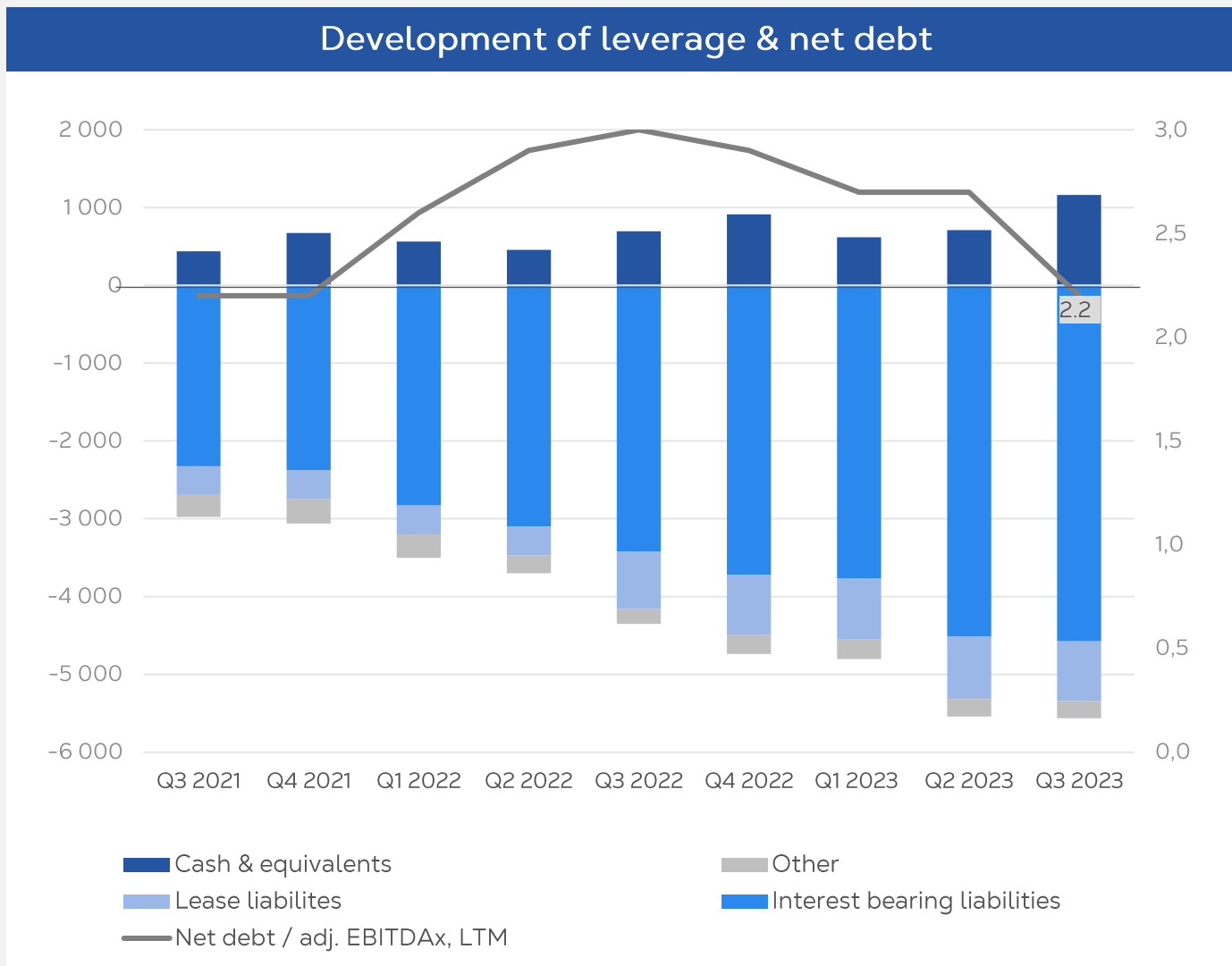
# Cash flow from operating activities improved in the quarter



Cash flow from changes in WC		
	Q3 2023	Q3 2022
Change in accounts receivable	-119	-94
Change in inventory	161	-149
Change in accrued income	60	62
Change in accounts payable	-104	-22
Change in advances from customers	109	204
Change in other working capital	4	30
<b>CF from changes in working capital</b>	<b>110</b>	<b>30</b>

- Higher level of CF from operating activities before changes in working capital
  - mainly driven by improved EBIT
- Reduction of working capital
  - mainly increased deliveries to customers in DCT

# Decreased leverage ratio



- **Leverage ratio** decreased from mainly driven by increased adj. EBITA.
- **Net debt** increase due to:
  - acquisitions financed partly by debt during the last 4 quarters
  - increased lease liabilities related to new factories
  - offset by increased cash flow from operating earnings

# Strong service growth

Ambition: Share of service long-term to represent 30 percent of Group net sales

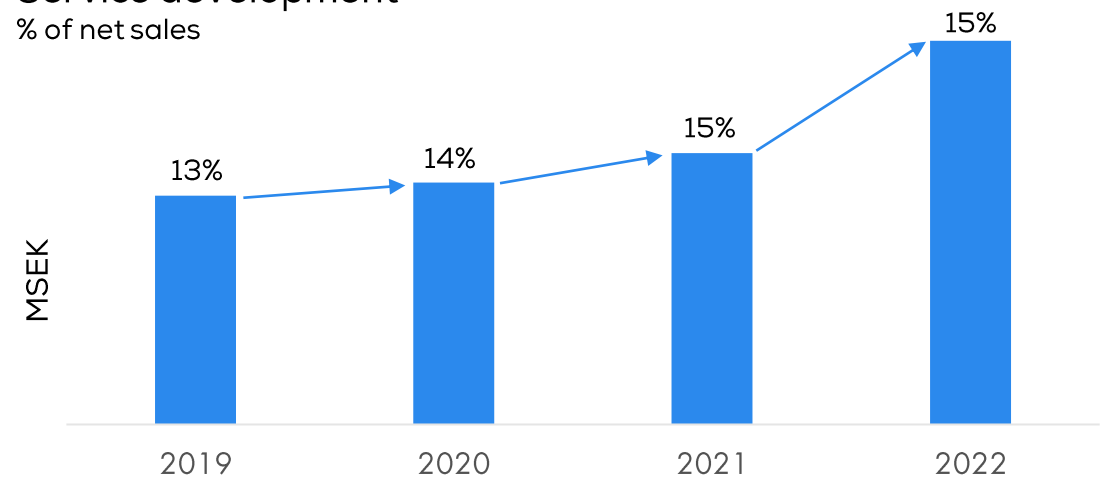
- **Group Q3** – amounted to MSEK 479, 13% of total net sales (org. growth 7%)
- **AirTech Q3** – 19%, majority of the groups Service net sales
- **DCT** – minor Service sales, as main part of business greenfield installations

*Not reported as part of Service today:*

- **FoodTech** – SaaS (Software-as-a-Service) business  
Q3 SaaS ARR\*: MSEK 194 ,+53% growth



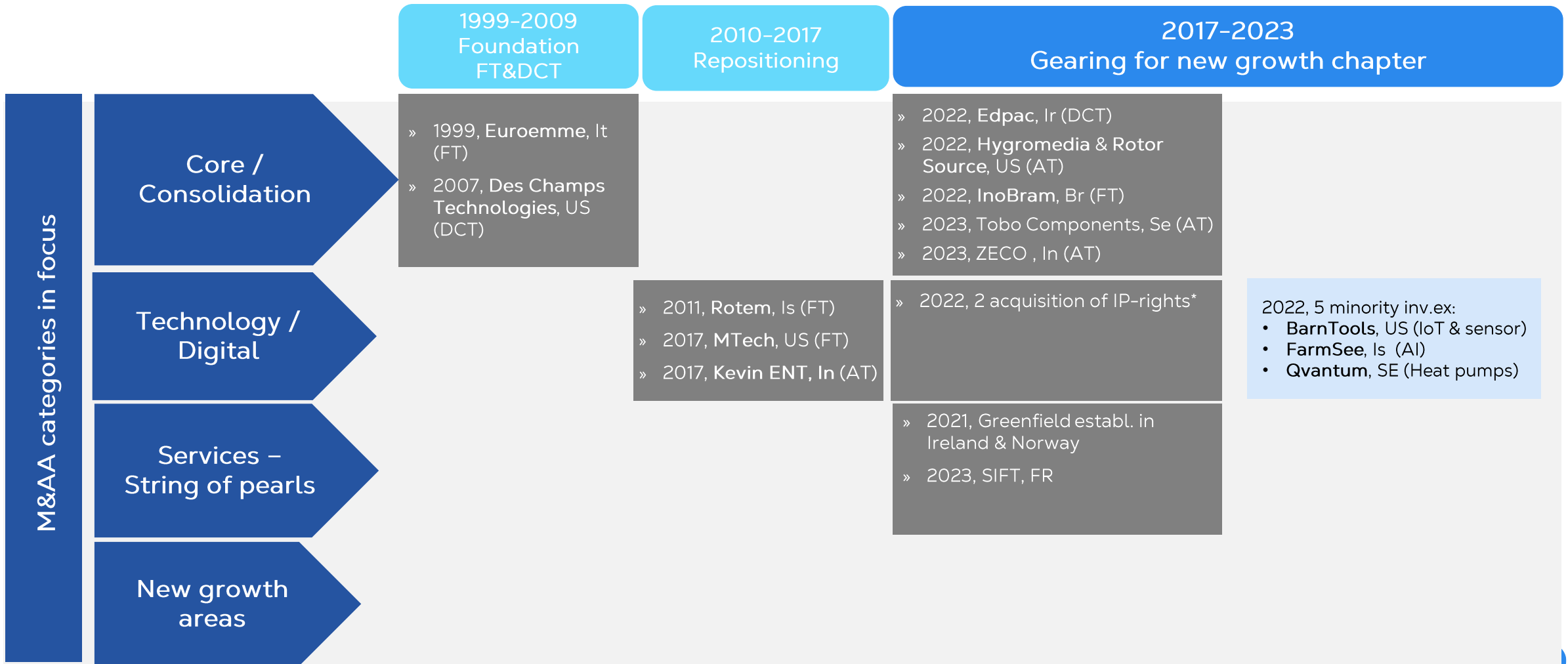
Service development  
% of net sales



\*ARR=Annualized Recurring Revenues



# Inorganic strategies to boost overall growth



\*IP-rights - Intellectual property rights

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