

# Agenda

Valmet roadshow presentation

1 Valmet in brief

2 Investment highlights

3 Financials

Conclusion



Valmet in brief



# We have strong market shares, unique offering and over 220 years of history









#### Valmet's road to becoming a global market leader

1797 onwards Tamfelt, Beloit, KMW, Sunds Defibrator

1951 Valmet

1968-1996 Several M&As, e.g. KMW (1986),

Wärtsilä paper finishing machinery (1987), Tampella Papertech (1992)

1999

Metso created through the merger of Valmet and Rauma

**Key acquisitions** 

Beloit Technology (2000), Kvaerner Pulping & Kvaerner Power (2006), Tamfelt (2009)

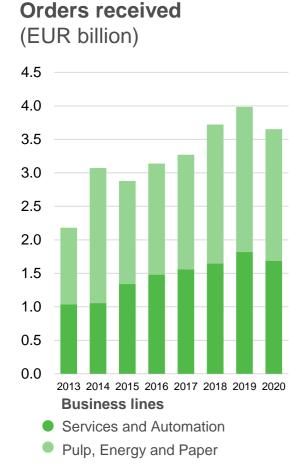
End of 2013

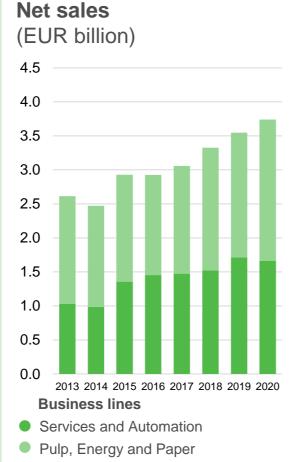
Demerger to create Valmet and Metso

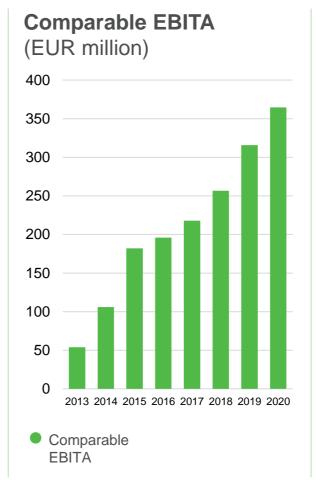
**Acquisitions** Automation (2015) GL&V (2019) J&L (2019) PMP (2020)

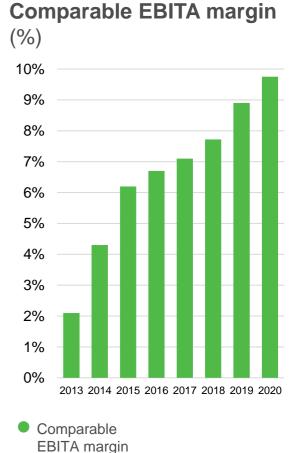


# Valmet's development since 2013











# Key figures 2020

**Orders** received EUR 3,653 million

**Net sales** EUR 3,740 million

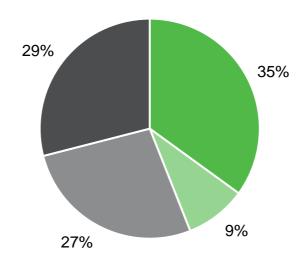
**Comparable EBITA** EUR 365 million

**Comparable EBITA margin** 9.8%

Order backlog EUR 3,257 million

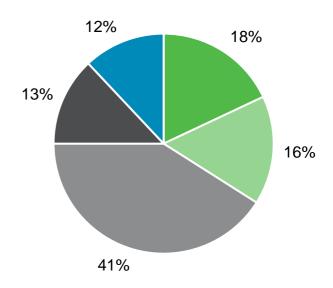
**Employees** 14,046

#### Net sales by business line



- Services
- Automation
- Pulp and Energy
- Paper

#### Net sales by area



- North America
- South America
- EMEA
- China
- Asia-Pacific



# Strong, global presence is a good platform for growth





# Process technology, services and automation

Valmet's unique offering differentiates the company from its competitors





# Significant, customer focused research and development work

#### **R&D** focus areas

- Advanced and competitive technologies and services
- Raw material, water and energy efficiency
- Promotion of renewable materials

16
research and development centers



R&D spending in 2020



~1,300 protected inventions







# Acknowledged leader in sustainability



Dow Jones Sustainability Indices









### 360° approach to sustainability

#### **Good progress in** sustainability indices

- In Dow Jones Sustainability Index for the seventh consecutive year
- Received Bronze Class 2021 Sustainability Award
- Achieved A- rating in CDP's climate program and reached the leadership level for the fifth consecutive year
- In Ethibel Sustainability Index **Excellence** Europe
- In CDP's Supplier **Engagement Leaderboard** with best A rating



#### 2020 highlights

decrease of CO<sub>2</sub> intensity\*

87% increase in support for non-profit organizations

32% improvement in LTIF

92% of suppliers screened over sustainability risks



# Valmet's Climate Program: Forward to carbon neutral future

#### Targets by 2030 for the entire value chain

SUPPLY CHAIN

CO<sub>2</sub> emission reduction

**OWN OPERATIONS** 

CO<sub>2</sub> emission reduction

USE PHASE OF VALMET'S TECHNOLOGIES

Further reduced energy use of Valmet's current technologies 100%

Carbon neutral production

- Valmet's new Climate Program sets credible targets and concrete actions for 2030 for the entire value chain
- Program is aligned with the Paris Climate Agreement's 1.5-degree pathway and UN Sustainable Development Goals and Valmet is in process to send its climate targets for the Science Based Targets Initiative for validation

#### Main actions to reach targets by 2030

- Target CO<sub>2</sub> emission reductions from supply chain
- Reduce energy usage and use renewable fuels and CO<sub>2</sub> free electricity and district heating in own locations
- Improve energy efficiency of our existing process technology offering by 20%
- Develop existing and new technologies to enable carbon neutral production for our customers



# Financial targets

#### Growth

Net sales for stable business to grow over two times the market growth

Net sales for capital business to exceed market growth

### **Profitability**

Comparable EBITA: 10-12%

#### **ROCE**

Comparable return on capital employed (ROCE) before taxes<sup>1</sup>: >20%

### **Dividend policy**

Dividend payout at least 50% of net profit



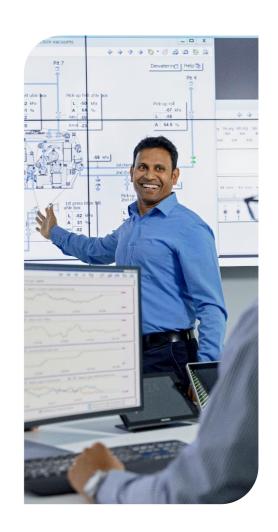
Comparable ROCE before taxes = (profit before taxes + interests and other financial expenses +/- items affecting comparability) / (balance sheet total - non-interest-bearing liabilities (average for the period))

Investment highlights



# Investment highlights

- 1 Strong position in the growing market of converting renewables
- Widest technology and services offering combined with automation excellence
- 3 Services: The widest offering and strong geographical presence
- 4 Automation: Maximizing efficiency and safety of our customers
- 5 Paper: World-class technology for packaging and hygiene needs
- Pulp and Energy: Strong business with high market share and flexible cost structure
- 7 Systematically building the future





# Strong position in the growing market of converting renewables



~ 1-2%



EUR bn p.a.

Increasing role of digital media decreases demand for print papers

Demand for technology driven efficiency improvements

Need for specialty papers



~ 2-3% EUR bn p.a.

World trade, e-commerce and emerging markets growth drive packaging

Demand for light weight board

Shift from plastic packaging to renewable materials

Conversions from paper to board



~ 3-4% EUR bn p.a.

Rise in purchasing power and living standards

Urbanization and improved hygiene Fast economic growth in

emerging markets

habits

Demand for higher quality Consumers' higher hygiene

> Demand for second generation bioethanol

#1-2 EUR bn p.a.

Growing demand for sustainable packaging, tissue, hygiene products and textiles

Increasing environmental awareness and stricter regulations

Fiber-based plastic replacement

Energy

EUR bn p.a. Decarbonization in energy

#1-3

production

Biomass and residual waste used in heat and process steam production

Tightening air emissions legislation and stricter directives

Aging machines and installed automation systems

EUR bn

~ 1%

p.a.

Automation

#1-3

Investments in new pulp and paper production lines and industrial decarbonization

Demand for raw material savings, process efficiencies and sustainability

Demand for Industrial Internet based solutions driven by customer digitalization

EUR bn p.a.

#1-2

Increasing pulp, tissue. board and energy production

Customer demand for resource efficiency. productivity, end-product quality, industrial internet services and reduced environmental impact

Customer focus on core. decreasing own resources and outsourcing of noncore operations

Size and gradual aging of installed base and capacity increases

Closures and conversions of non-competitive production lines

35% of net sales

3% of net sales

20% of net sales

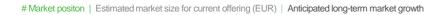
6% of net sales

18% of net sales

9% of net sales

9% of net sales

**Valmet** 



# Widest technology and services offering combined with automation excellence

#### **Paper**

- Board, paper and tissue production lines
- Rebuilds
- Stand-alone products

#### **Pulp**

- Wood and pulp handling
- Fiber processing



#### **Energy**

- Heat and power generation
- Air emission control
- Biofuels

#### **Services**

- Spare parts and components
- Maintenance and shutdown services
- Outsourcing services
- Production consumables
- Process support and optimization



#### **Automation**

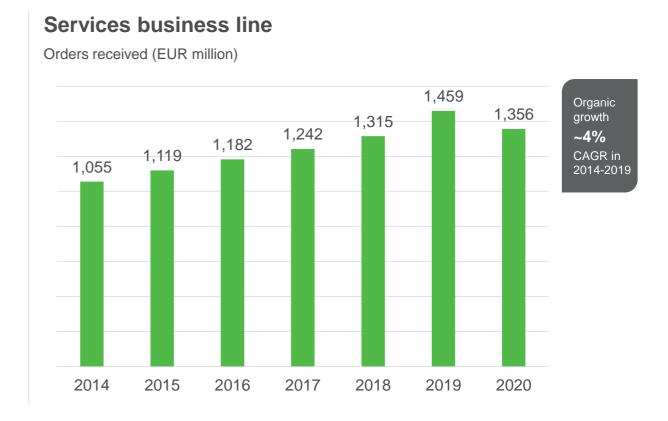
- Distributed Control Systems (DCS)
- Quality Management Systems (QMS)
- Analyzers and measurements
- Industrial Internet solutions



# Services: The widest offering and strong geographical presence

#### Services business line

- Widest offering to support customers' all service needs
- Benefits from growing installed base
- Strong geographical presence close to customers
- Steady increase in market share from 13% in 2014 to 17-18% in 2020
- Targeting to grow with the market and by winning further market share
- Opportunities to win new customers and increase share of wallet with existing customers





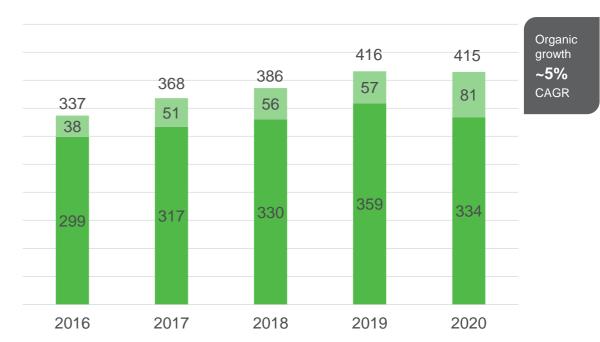
# Automation: Maximizing efficiency and safety of our customers

#### **Automation business line**

- Solutions range from single measurements to plant-wide process automation systems
- Designed to maximize safety, sustainability and efficiency of customers' businesses
- Securing future competitiveness with R&D
- Strong track record since acquired to Valmet in 2015
- Several drivers for future growth
  - Increasing direct sales to customers
  - Package sales with Valmet's capital equipment
  - Replacing competitors' installed base and entering new industries
  - Growing in automation services

#### **Automation business line**

Orders received (EUR million)





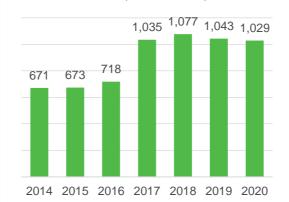
# Paper: World-class technology for packaging and hygiene needs 5

#### Paper business line

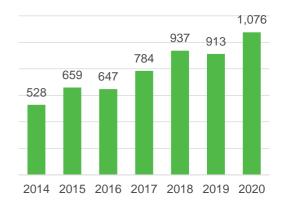
- Offering includes world-leading technology and products for board, tissue and paper making
- Long-term growth supported by favorable megatrends
  - Growing e-commerce and packaging needs
  - Increasing demand for hygiene products
- High market share
- Technological advantage and excellent references
- R&D targeted to introduce new products and improve the existing offering
- Flexible organization and low capacity cost provides resilience to market fluctuations

#### Paper business line

Orders received (EUR million)



Capacity costs	2015	2020
EUR million	270	301
% of net sales	41%	28%



	Market share	Market position
Board	~50%	#1
Tissue	~35%	#1
Paper	~50%	#1



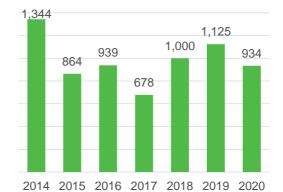
## Pulp and Energy: Strong business with high market share and flexible cost structure

#### **Pulp and Energy business line**

- Offering includes full pulp mills and energy solutions for biomass and emission control
- Long-term growth supported by favorable megatrends
  - Growing demand for sustainable packaging and hygiene products and textiles
  - Replacing plastic with fiber-based materials
- High market share
- Technological advantage by focusing on R&D
- Flexible organization and low capacity cost provides resilience to market fluctuations
- Yearly variations in orders received are typical due to timing of large orders

#### Pulp and Energy business line

Orders received (EUR million)





Capacity costs	2015	2020
EUR million	218	196
% of net sales	24%	20%

	Market share	Market position
Pulp	~45%	#1-2
Energy	~20%	#1-3



# Systematically building the future



#### Customer

Valmet's way to serve: Lifecycle collaboration between the customer and Valmet

Add value to customers through Industrial Internet solutions

Ensure strong market position in capital business

Continue to increase market share in the stable business



#### **Technology**

Develop new products and technologies

Improve product cost competitiveness

Increase material and energy efficiency and further develop solutions to reduce carbon footprint



#### **Process**

Continue to improve project management and project execution

Valmet's climate program targeting to reduce emissions in the whole value chain



#### **People**

Continuous development of employees through training programs

**Building capabilities** globally

Continue to improve safety and lower LTIF





# Financials



# Key figures

EUR million	Q4/2020	Q4/2019	Change	2020	2019	Change
Orders received	940	1,009	-7%	3,653	3,986	-8%
Order backlog <sup>1</sup>	3,257	3,333	-2%	3,257	3,333	-2%
Net sales	1,167	1,103	6%	3,740	3,547	5%
Comparable EBITA	146	118	24%	365	316	16%
% of net sales	12.5%	10.7%		9.8%	8.9%	
EBITA	147	119	23%	355	315	13%
Operating profit (EBIT)	135	110	23%	319	281	13%
% of net sales	11.6%	9.9%		8.5%	7.9%	
Earnings per share, EUR	0.67	0.54	24%	1.54	1.35	15%
Return on capital employed (ROCE) before taxes <sup>2</sup>				22%	23%	
Cash flow provided by operating activities	114	182	-37%	532	295	81%
Gearing <sup>1</sup>				13%	-9%	

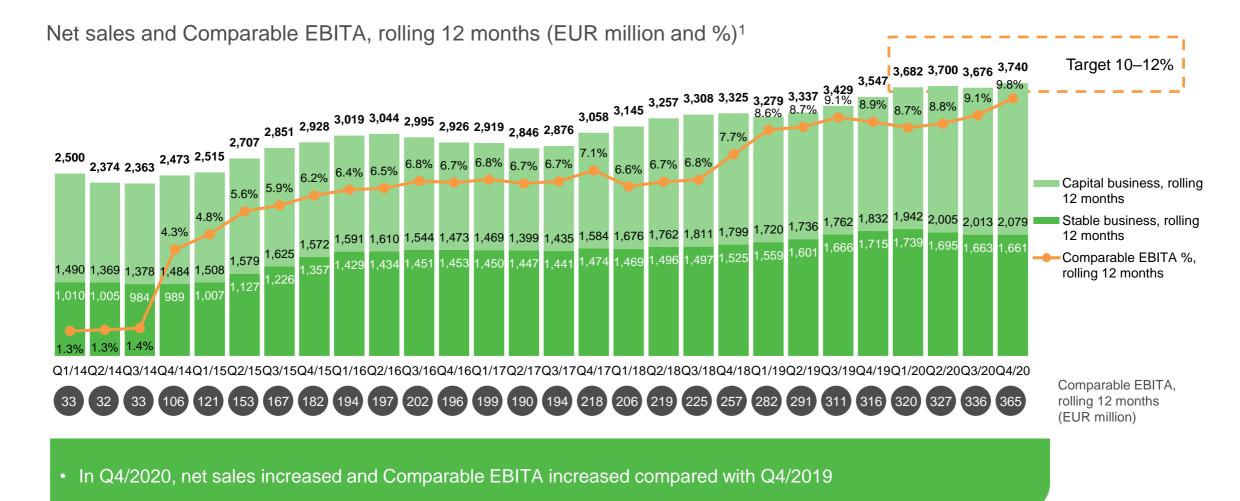
Items affecting comparability: EUR 0 million in Q4/2020 (EUR 1 million in Q4/2019), EUR -10 million in 2020 (EUR -1 million in 2019) Valmet's investment in Neles had a positive impact on EBITA of EUR 2.8 million



<sup>1)</sup> At end of period

<sup>2)</sup> Annualized

# Comparable EBITA margin<sup>1</sup> development

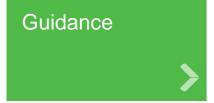


<sup>1)</sup> Rolling 12 months. Carve-out figures for 2013 have been used in the calculation of Q1–Q3/2014 figures. Valmet implemented IFRS 15 – Revenue from Contracts with Customers as of January 1, 2018 by applying full retrospective method. Thus, figures presented are not fully comparable.



### Guidance and short-term market outlook

#### Guidance for 2021



Valmet estimates that net sales in 2021 will remain at the previous year's level in comparison with 2020 (EUR 3,740 million) and Comparable EBITA in 2021 will remain at the previous year's level in comparison with 2020 (EUR 365 million).

#### Short-term market outlook

		Q1/2020	Q2/2020	Q3/2020	Q4/2020
Services		Satisfactory / Weak	Satisfactory / Weak	Satisfactory / Weak	Satisfactory / Weak
Automation		Good / Satisfactory	Good / Satisfactory	Good / Satisfactory	Good
Pulp and Energy	Pulp	Good	Good	Good	Good
	Energy	Satisfactory	Satisfactory	Satisfactory	Weak
Paper	Board and Paper	Good	Good	Good	Good
	Tissue	Satisfactory	Satisfactory	Satisfactory	Good

The short-term market outlook is based on customer activity (50%) and Valmet's capacity utilization (50%) and is given for the next six months from the end of the respective quarter. The scale is 'weak-satisfactory-good'.



# Conclusion



### Conclusion

- 1 Strong position in the growing market of converting renewables
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# Important notice

It should be noted that certain statements herein which are not historical facts, including, without limitation, those regarding expectations for general economic development and the market situation, expectations for growth, profitability and investment willingness, expectations for company development, growth and profitability and the realization of synergy benefits and cost savings, and statements preceded by "anticipates", "believes", "estimates", "expects", "foresees" or similar expressions, are forward-looking statements. Since these statements are based on current decisions and plans, estimates and projections, they involve risks and uncertainties which may cause the actual results to materially differ from the results currently expressed. Such factors include, but are not limited to:

- 1) general economic conditions, including fluctuations in exchange rates and interest levels which influence the operating environment and profitability of customers of the company or economic growth in the company's principal geographic markets.
- 2) industry conditions, intensity of competition situation, especially potential introduction of significant technological solutions developed by competitors, financial condition of the customers and the competitors of the company,
- 3) the company's own operating factors, such as the success of production, product development and project management and the efficiencies therein including continuous development and improvement
- 4) the success of pending and future acquisitions and restructuring.



# Appendix

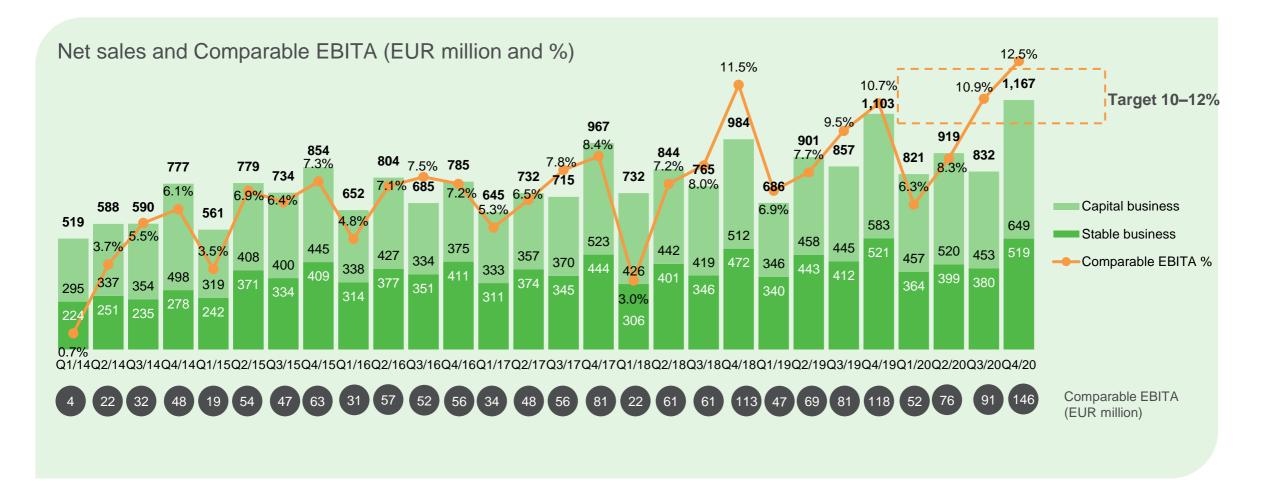
- 1 Financials
- 2 Growth and profitability improvement
- 3 Shareholders and share price development
- 4 Strategy and offering
- 5 Management and remuneration



# Appendix Financials



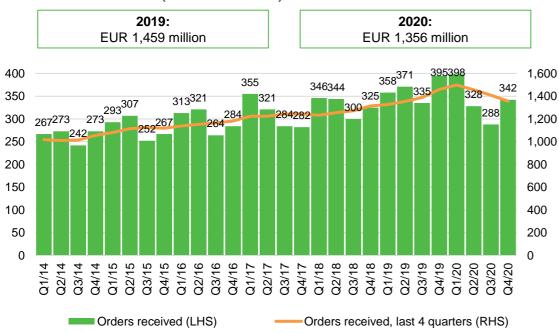
# Quarterly Comparable EBITA margin development

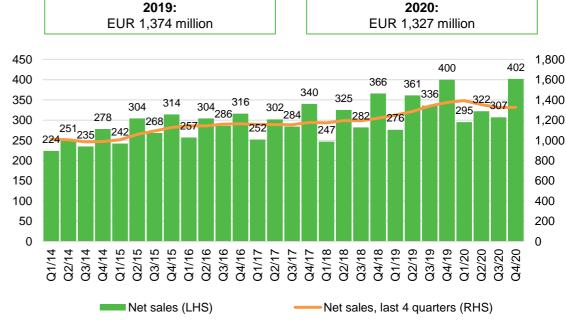




# Services: Orders received decreased to EUR 1,356 million in 2020

#### Orders received (EUR million)





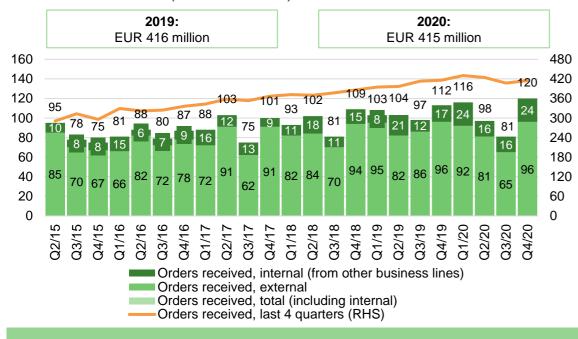
- Orders received decreased compared with Q4/2019
  - Orders received increased in China, remained at the previous year's level in South America and decreased in Asia-Pacific, EMEA and North America
  - Orders received remained at the previous year's level in Rolls, and Fabrics and decreased in Energy and Environmental, Mill Improvements and Performance Parts
- Net sales remained at the previous year's level compared with Q4/2019
- COVID-19 related travel restrictions and lower capacity utilization in graphical paper mills had a negative impact on Services' orders received and net sales in 2020

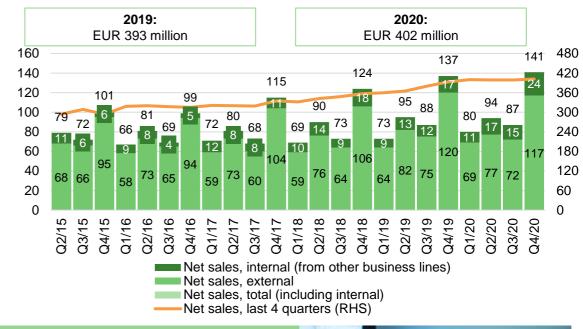




## Automation<sup>1</sup>: Orders received remained at the previous year's level at EUR 415 million in 2020

#### Orders received (EUR million)





- Orders received increased compared with Q4/2019
  - Orders received increased in China, South America and EMEA and decreased in Asia-Pacific and North America
  - Orders received increased in both Pulp and Paper, and Energy and Process
- Net sales remained at the previous year's level compared with Q4/2019
- Despite COVID-19, Automation's orders received and net sales remained at the previous year's level in 2020

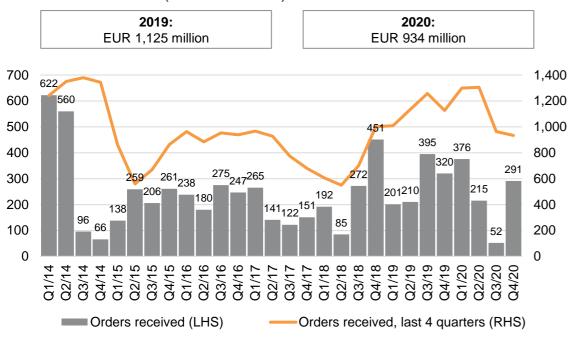


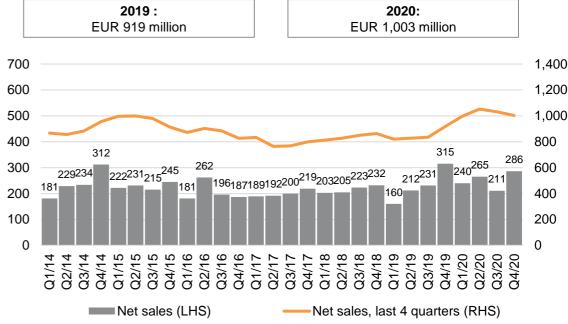


Comments refer to orders received and net sales including also internal orders received and internal net sales.

## Pulp and Energy: Orders received decreased to EUR 934 million in 2020

Orders received (EUR million)



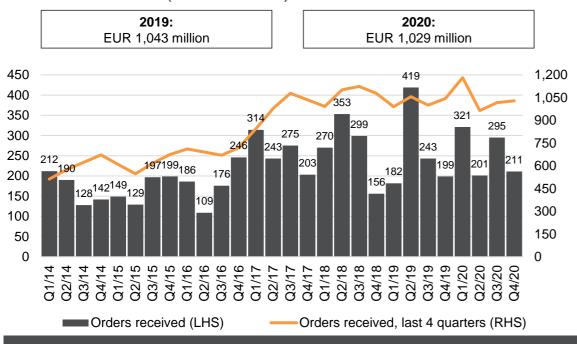


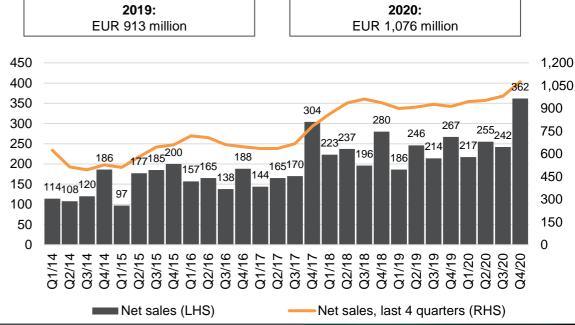
- Orders received decreased compared with Q4/2019
  - Orders received increased in China and Asia-Pacific, remained at the previous year's level in South America and decreased in North America and EMEA
  - Orders received decreased in both Pulp and Energy
- Net sales decreased compared with Q4/2019
- Pulp and Energy business line has managed challenges caused by COVID-19 well, and therefore the pandemic has not caused major impacts on its operations in 2020



# Paper: Orders received remained at the previous year's level at EUR 1,029 million in 2020

Orders received (EUR million)





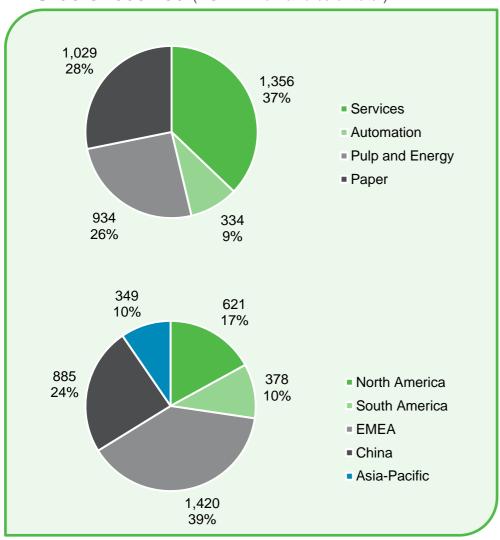
- Orders received increased compared with Q4/2019
  - Orders received increased in China and Asia-Pacific, remained at the previous year's level in North America, and decreased in South America and EMEA
  - Orders received increased in Board and Paper, and decreased in Tissue
- Net sales increased compared with Q4/2019
- PMP Group has been consolidated into Paper business line financials as of October 1, 2020
- Paper business line has managed challenges caused by COVID-19 well, and therefore the pandemic has not caused major impacts on its operations in 2020



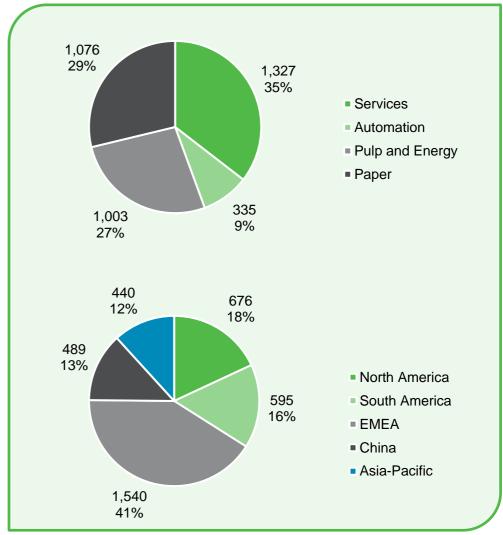


# Orders received and net sales split in 2020

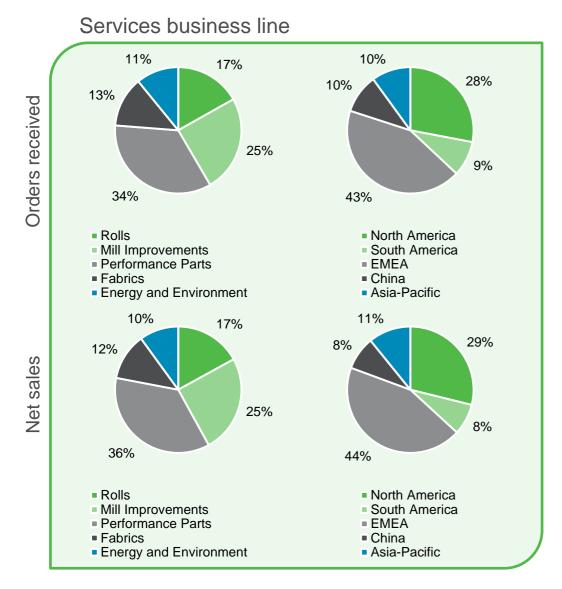
Orders received (EUR million and % of total)

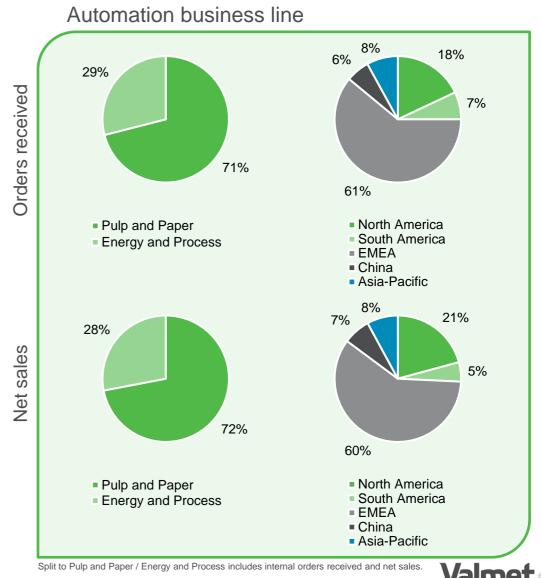


Net sales (EUR million and % of total)

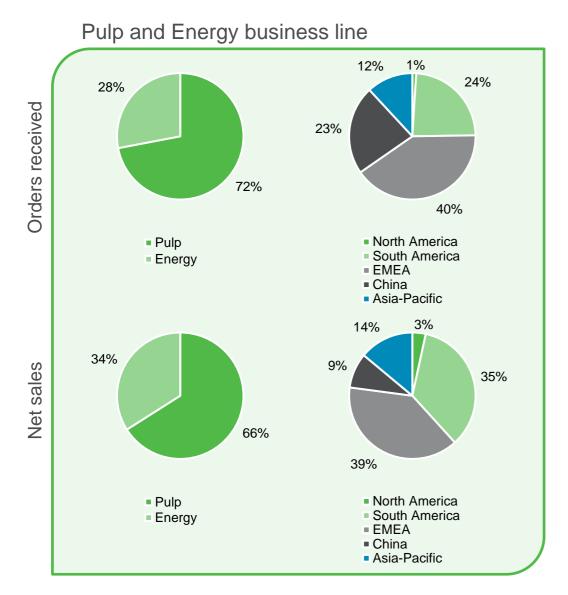


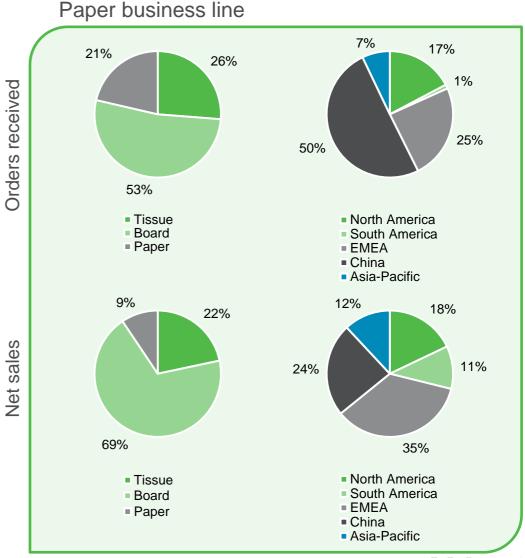
### Business lines in 2020: Stable business



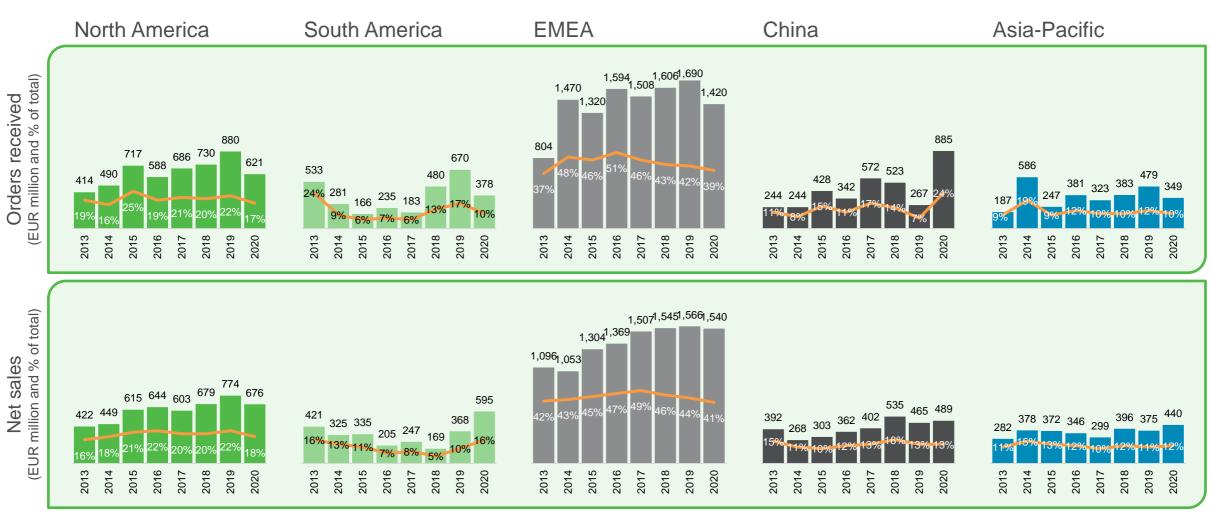


# Business lines in 2020: Capital business





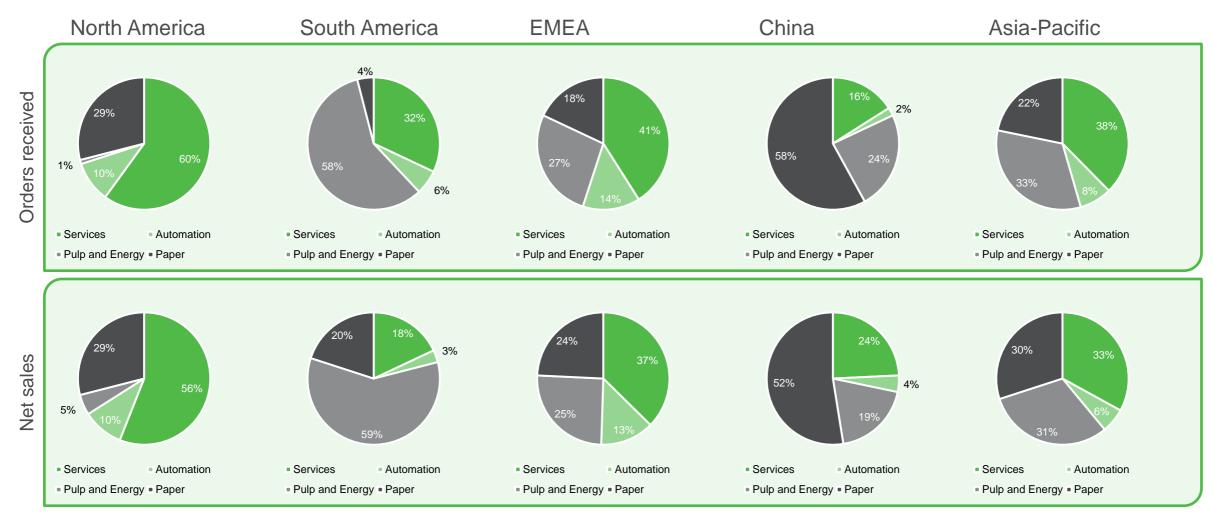
## Areas: Orders received and net sales development



2013 figures on a carve-out basis. Automation business line figures included as of Q2/2015.



## Areas: Business line split in 2020





## Announced orders booked in H1/2021

Booked quarter	Date	Description	Business line	Country	Value
Q1	Jan 15	Extensive tissue machine rebuild	Paper	Finland	Not disclosed
Q1	Jan 29	Textile recycling plant's main equipment	Pulp and Energy	Sweden	Around EUR 25 million
Q1	Feb 19	All main process islands and automation for a bioproduct mill	Pulp and Energy	Finland	About EUR 350-400 million
Q1	Mar 2	A coated board line and a fine paper making line	Paper	China	Not disclosed. An order of this scope typically adds up to around EUR 190-220 million



## Announced orders booked in H2/2020

	Booked Juarter	Date	Description	Business line	Country	Value
C	<b>Q</b> 3	Aug 27	New bleach plant and upgrade of batch cooking and fiberline	Pulp and Energy	India	Not disclosed. An order of this scope is typically around EUR 20-30 million.
C	23	Oct 14	Extensive paper machine grade conversion rebuild	Paper	Turkey	Not disclosed. An order of this scope is typically around EUR 40-50 million.
C	23	Oct 19	OptiConcept M container board making line	Paper	China	Not disclosed.
C	23	Oct 21	Tissue line	Paper	United Kingdom	Not disclosed.
C	23	Oct 22	Fine paper making line	Paper	China	Not disclosed. An order of this scope is typically around EUR 80-100 million.
C	Q4	Dec 14	Extensive paper machine grade conversion rebuild	Paper	United States	Not disclosed.
C	Q4	Dec 15	New flash drying and baling line and CTMP rebuild	Pulp and Energy	Sweden	Not disclosed. An order of this scope is typically around EUR 40-50 million.
C	Q4	Jan 18	OptiConcept M container board making line	Paper	China	Not disclosed.
C	Q4	Jan 21	Boiler plant for district heat production	Pulp and Energy	Finland	Not disclosed.
C	Q4	Mar 2	A line for chemi thermo mechanical pulp production	Pulp and Energy	China	Not disclosed. An order similar to the delivery scope is typically around EUR 10-20 million.
C	Q4	Mar 9	Key pulp technology	Pulp and Energy	China	Not disclosed. A project of this size and scope is typically valued at around EUR 100 million.



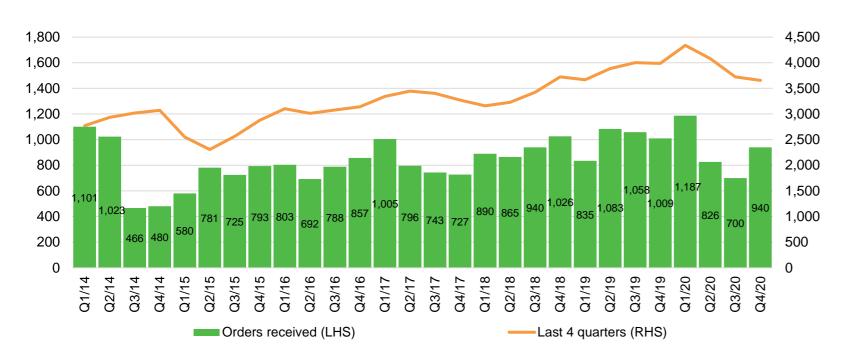
## Announced orders booked in H1/2020

Booked quarter	Date	Description	Business line	Country	Value
Q1	Jan 23	Key pulp mill technology and automation (Lenzing & Duratex)	Pulp and Energy	Brazil	Not disclosed. The value of a delivery of this size and scope is typically around EUR 200-250 million.
Q1	Feb 18	Flue gas condensing plant	Pulp and Energy	Finland	Not disclosed. The value of these types of orders is approximately between EUR 20–30 million.
Q1	Feb 26	Final stage of forming section rebuild	Paper	Sweden	Not disclosed.
Q1	Feb 27	Waste-to-energy boiler	Pulp and Energy	Sweden	Typically above EUR 10 million.
Q1	Mar 16	Coated board making line	Paper	China	Not disclosed. The value of an order of this type and scope is typically around EUR 150-200 million.
Q1	Mar 24	Key containerboard machine technologies	Paper	India	Not disclosed. The value of a project of this type and scope is typically around EUR 12-15 million.
	Mar 25	Mill Maintenance Outsourcing agreement	Services	Australia	Not disclosed.
Q1	Mar 26	Hard nip sizer	Paper	Rep. of Korea	Not disclosed. The total value of an order of this type is typically around EUR 5-10 million.
Q1,Q2	Apr 27	Fine paper making line with an extensive scope and a recovery boiler	Paper (Q2), Pulp and Energy (Q1)	China	Not disclosed. The total value of orders of this type and scope is typically around EUR 130-150 million.
Q1	May 7	Tissue line including an extensive automation package	Paper	Turkey	Not disclosed.
Q1	May 12	Ash treatment system	Pulp and Energy	Brazil	Not disclosed. The total value of an order of this type is typically around EUR 10-15 million.
Q1	Jun 8	Complete steam boiler plant	Pulp and Energy	Austria	The value of the order is approximately EUR 40 million.
Q2	Apr 16	Reel and winding technology	Paper	Finland	Not disclosed. The total value of an order of this type is typically around EUR 10-20 million.
Q2	Apr 24	Biomass-fired boiler plant	Pulp and Energy	Finland	The value of the order is approximately EUR 70 million.
Q2	Apr 29	Converting boiler plant into biomass combustion	Pulp and Energy	Poland	The value of the order is approximately EUR 20 million.
Q2 Q2	Jun 10 Jun 25	Cooking and fiberline Off-machine coater	Pulp and Energy Paper	China Brazil	Not disclosed.  Not disclosed. The value of an order of this type is typically around EUR 25-35 million.
Q2	Jun 29	Hot water plant	Pulp and Energy	Sweden	The value of an order of this size and delivery scope is typically above EUR 40 million.
Q2	Jul 9	Pulp production upgrade technology	Pulp and Energy	Indonesia	Not disclosed. An order with this scope of supply is usually in the range of EUR 10-12 million.
Q2	Jul 20	Bleached chemi thermo mechanical pulp line	Pulp and Energy	China	Not disclosed.
Q2	Jul 22	Tissue line	Paper	Russia	Not disclosed.
QZ	Jui ZZ	1 10000 III IO	ι αρσι	Russia	Not disclosed.

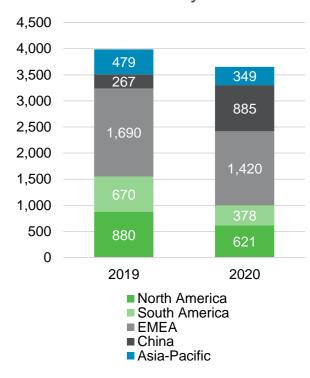


## Orders received decreased to EUR 3,653 million in 2020

### Orders received (EUR million)



### Orders received by area



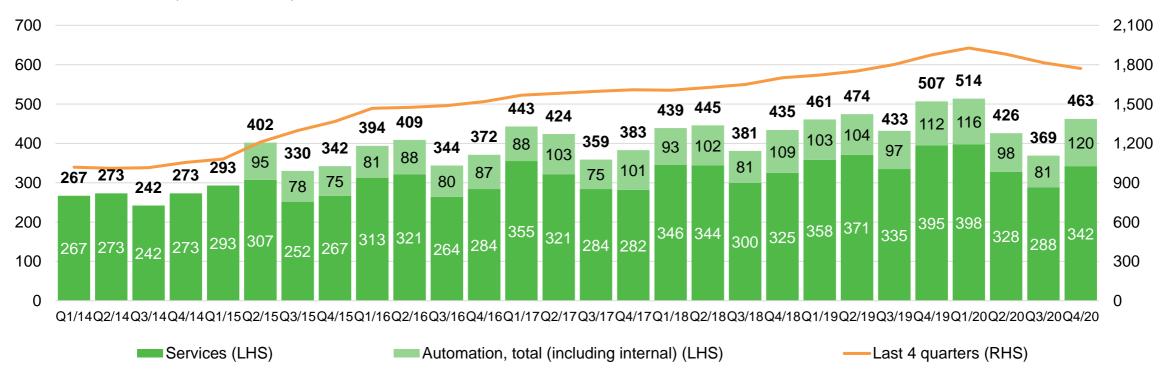
- In stable business<sup>1</sup>, orders received decreased to EUR 1,772 million in 2020
- In capital business, orders received decreased to EUR 1,962 million in 2020
- Orders received decreased in developed markets and increased in emerging markets during 2020
  - South America, China and Asia-Pacific together accounted for 44% of orders received



<sup>1)</sup> Including internal orders received for the Automation business line.

## Stable business orders received totaled EUR 1,772 million in 2020

Orders received (EUR million) in stable business<sup>1</sup>



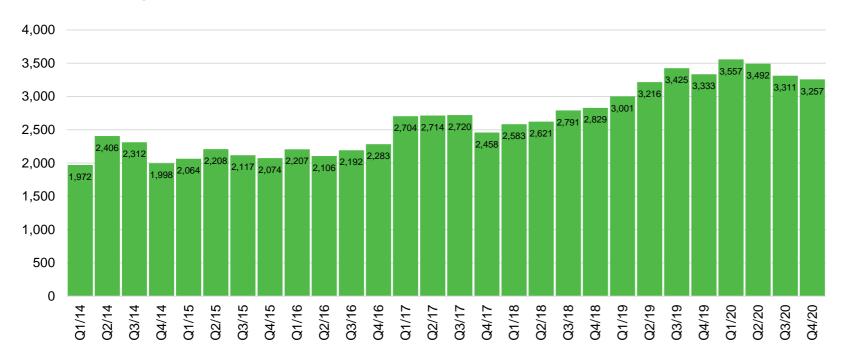
Total orders received in stable business decreased by EUR 103 million in 2020



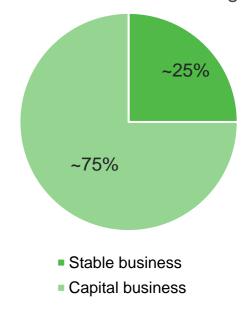
<sup>1)</sup> Including internal orders received for the Automation business line.

## Order backlog EUR 3,257 million at the end of 2020

### Order backlog (EUR million)



### Structure of order backlog

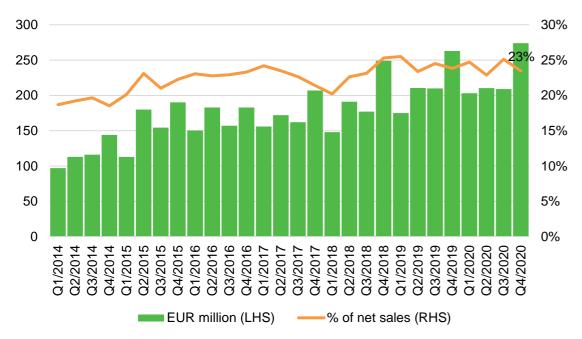


- Order backlog was EUR 54 million lower than at the end of Q3/2020 and EUR 76 million lower than at the end of 2019
- Approximately 75% of the order backlog is currently expected to be realized as net sales during 2021 (at the end of 2019, ~70% during 2020)
- Approximately 25% of the order backlog relates to stable business (~25% at the end of 2019)

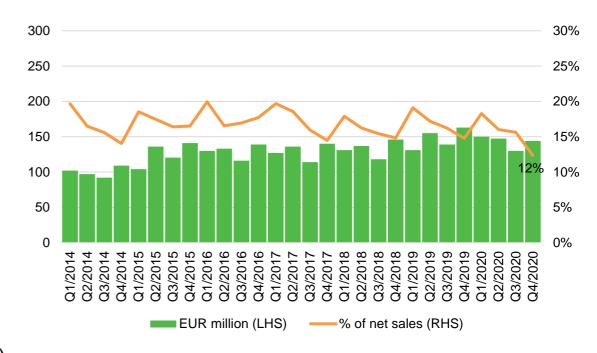


## Gross profit and SG&A development

### Gross profit (EUR million and % of net sales)



### SG&A (EUR million and % of net sales)

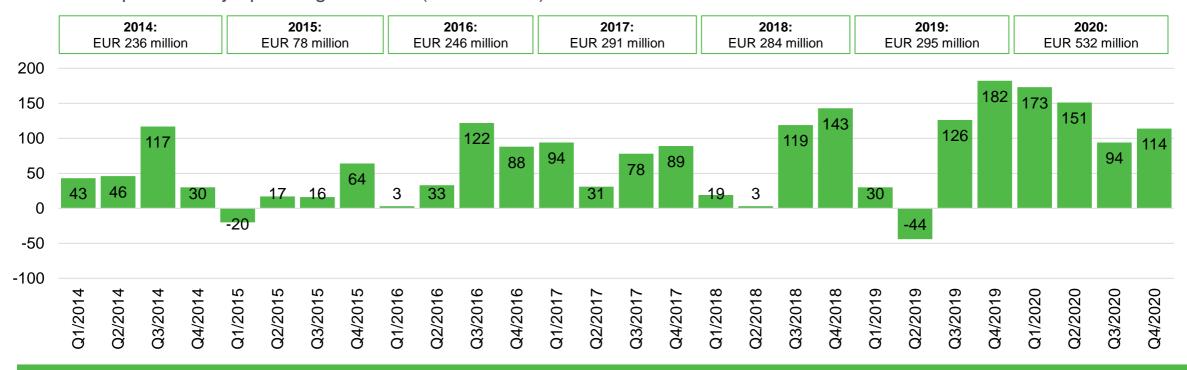


- Gross profit was 23.4% of net sales (23.9% in Q4/2019)
  - Stable business represented 44% of net sales (47% in Q4/2019)
- Selling, general & administrative (SG&A) expenses decreased 11%
  - SG&A was 12% of net sales (15% in Q4/2019)



# Cash flow provided by operating activities and CAPEX

Cash flow provided by operating activities (EUR million)



- Change in net working capital<sup>1</sup> EUR -46 million in Q4/2020
- Cash flow provided by operating activities EUR 114 million in Q4/2020
- CAPEX<sup>2</sup> EUR 24 million in Q4/2020

Valmet implemented IFRS 16 - Leases as of January 1, 2019 by applying the simplified transition method and therefore 2018 figures are not restated.

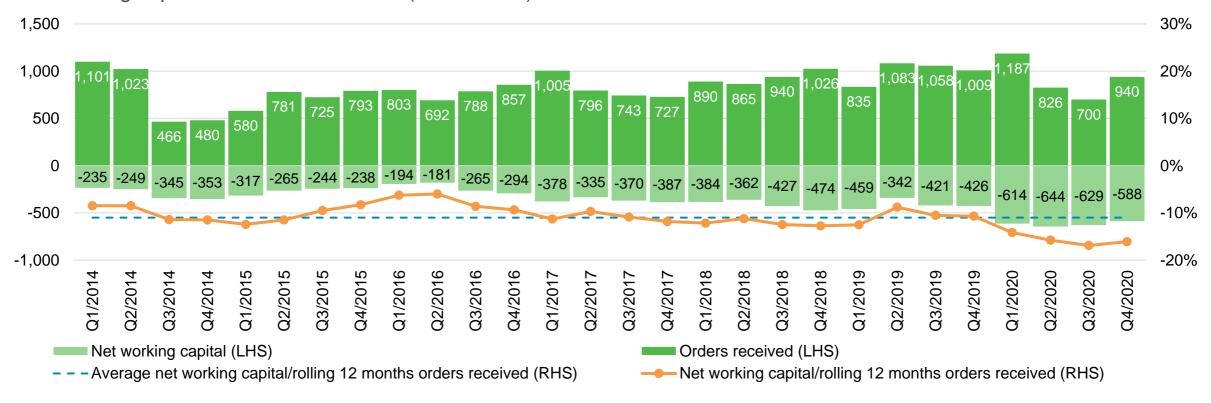


<sup>1)</sup> Change in net working capital in the consolidated statement of cash flows.

Excluding leased assets.

# Net working capital at -16% of rolling 12 months orders received

Net working capital<sup>1</sup> and orders received (EUR million)



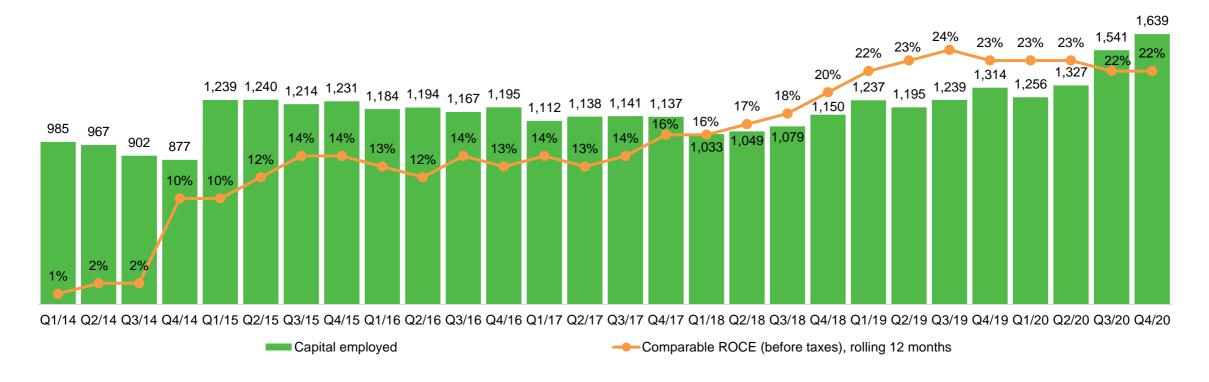
Net working capital EUR -588 million, which equals -16% of rolling 12 months orders received



<sup>1)</sup> Net working capital excluding non-cash net working capital impact from dividend liability.

# Capital employed and Comparable ROCE

Capital employed (EUR million) and Comparable return on capital employed (ROCE), before taxes<sup>1</sup> (%)



Valmet implemented IFRS 16 – Leases as of January 1, 2019 by applying the simplified transition method, and IFRS 15 – Revenue from Contracts with Customers as of January 1, 2018 by applying full retrospective method. Thus, figures presented are not fully comparable.



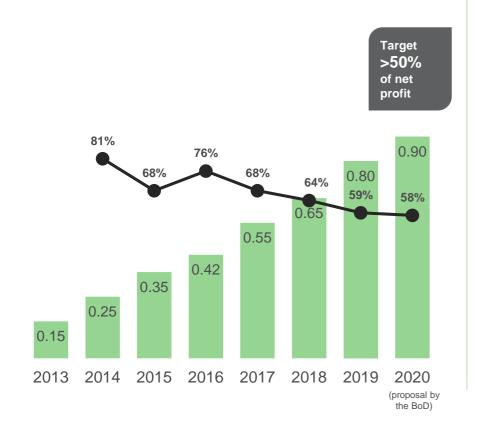
<sup>1)</sup> Rolling 12 months. Carve-out figures for 2013 have been used in the calculation of Q1–Q3/2014 figures.

### Dividend and balance sheet

### Dividend payout at least 50% of net profit

#### Track record

Dividend per share (EUR) and payout ratio (%)

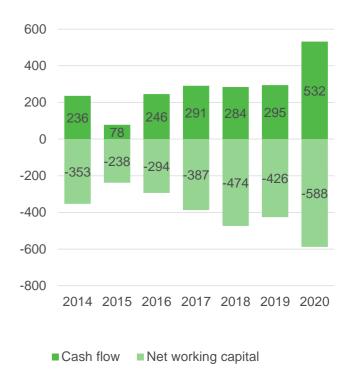


#### Balance sheet and cash flow

Net debt (EUR million) Net debt / EBITDA ratio



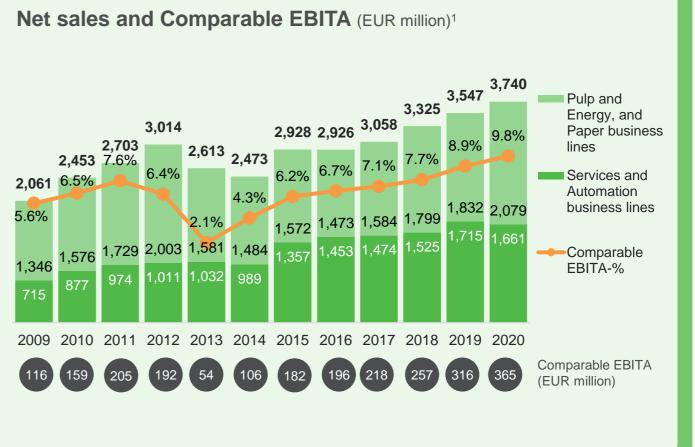
# Cash flow provided by operating activities Net working capital

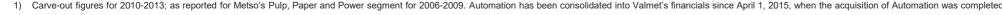




## Orders received and profitability development, annual









Appendix Growth and profitability improvement



## Recent development at Valmet



#### Customer

Valmet acquired PMP Group

Valmet's way to serve concept launched for globally-unified services approach

Stronger utilization of Valmet's local presence in areas in sales and projects



### **Technology**

Collaboration project with Metsä Spring to produce fossil free 3D fiber products

Valmet DNA User Interface received well: dozens of projects sold and delivered with new technology

Wider utilization of Industrial Internet applications and remote connections



#### **Process**

Good development in project management

Capacity cost reductions

Remote commissioning and start-up of new tissue and board machine installations

ERP renewal proceeding

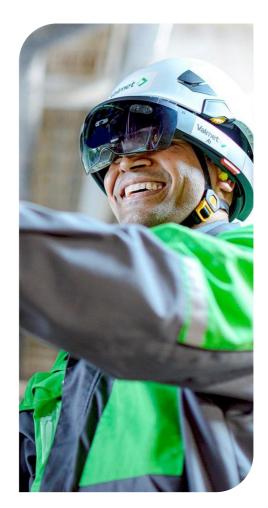


### **People**

Staying safe, operational and efficient during challenging times in 2020

Record-low LTIF for own employees (1.5) reached in 2020

Several internal training programs established and continuing





## Actions to keep growing faster than the market

### Net sales growth

#### Stable business

- Win new customers and increase share of wallet with existing customers
- Grow service sales and multi-year service agreements with project sales
- Add customer value with on-site and remote services
- Continue to develop Field services as a differentiator
- Competitor replacements in Automation
- Grow through new industries in Automation
- Leverage the new Valmet DNA User
   Interface to win new business in Automation

### **Capital business**

- Benefit from strong favorable megatrends in Board, Tissue, Pulp and Energy
- Continue to bring advanced technology to the market
- Leverage strong R&D for new product innovations
- Continued focus on product cost competitiveness
- Create customer value with digitalization and Industrial Internet





# Actions to reach Comparable EBITA target of 10–12%

Comparable EBITA: 10–12%

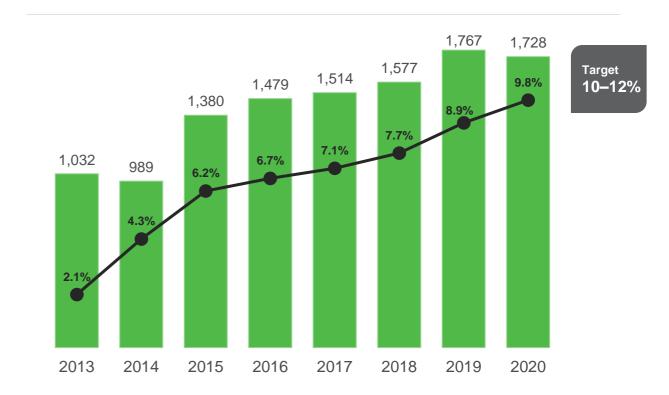
### **Actions to reach Comparable EBITA target:**

- Grow the stable business
- Focus on improving project management and execution
- Positive margin deviation in capital projects
- Continue to identify savings opportunities in procurement through design-to-cost and supplier relationship management
- Increase flexibility in operations through global footprint development
- R&D and new product launches
- Internal efficiencies through digitalization
- ERP project (from 2023 onwards)

#### **Track record**

Stable business net sales (EUR million)

Comparable EBITA margin (%)





## Actions to maintain ROCE at target level

Comparable return on capital employed (pre-tax): >20%

#### Main drivers for ROCE:

- Improvement in Comparable EBITA is the biggest driver for ROCE
- Capital employed has increased due to acquisitions

### **ROCE** at target level in 2020

- Valmet's ROCE of 22% is clearly higher than 2020 peer average of 11%
- Strong balance sheet needed for big projects and swings in market activity

#### Track record

Capital employed (EUR million)

Comparable ROCE (%, before taxes)





## Systematically building the future

Continuous renewal and improvement of operational capability

#### **ERP** renewal

- ERP renewal was started in 2016 and will be completed in 2023
- Project proceeding well
- Benefits are based on digitalization, process efficiency and IT platform simplification
- Enabler for several other platform renewals
- Savings expected from 2023 onwards

### **Operational development**

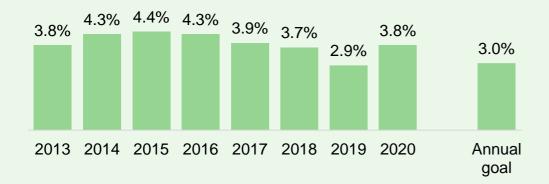
- Procurement transformation towards world-class performance continues
- Adding focus on global processes to decrease quality costs
- IT continues modernizing the core platforms to drive business transformation and to accelerate digitalization
- Continue the work on project management culture and effective processes & practices
- New project portfolio management tool for R&D implemented Valmet wide





## Procurement and quality cost development

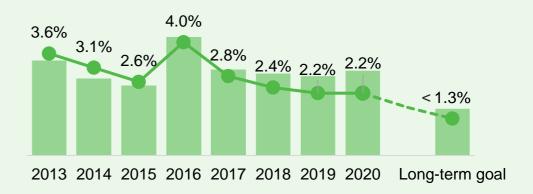
#### Implemented procurement savings of annual direct spend



### Targeting >3% of procurement savings annually

- Increasing design-to-cost (DTC) to create new sources for savings
- More supplier involvement through supplier relationship management
- Continuing sustainable supply chain implementation

### Quality costs (% of net sales)



### Long-term quality costs goal <1.3% of net sales

- Adding focus on global processes and Global Management System
- Focused quality development projects related to supplier quality, quality assurance and quality control, continuous improvement, audit and risk management



## Acquisitions

- Valmet's acquisition strategy is to make selective acquisitions with a clear industrial logic to support organic growth
  - Focus on strengthening services and automation and expanding business in the pulp, paper and energy value chain
- Approximately 50 cases evaluated annually
- Seven acquisitions made since becoming independent company in 2014
- Total investment in acquisitions about EUR 1 billion





# Valmet strengthened its business by acquiring PMP Group

Focus on small and medium-sized tissue machines and board and paper machine rebuilds

- PMP Group supplies process technologies and services for tissue, board and paper machines globally
  - New tissue machines
  - Rebuilds and machine sections for paper and board machines
  - Spare parts and services
- Focus on small and medium-sized tissue machines and board and paper machine rebuilds
- The acquisition complements Valmet's offering and builds further our local presence especially in Central Europe and China
  - Widens Valmet's portfolio to small and medium-sized tissue machines
  - Access to new customer and product segments
- Operations in four countries: Poland, China, USA and Italy
- The acquisition was announced on September 11, 2020 and was completed on October 1, 2020

#### Key information about the acquisition

Net sales in 2019	EUR ~70 million
Number of employees	~650
Value of acquisition	EUR ~64 million <sup>1</sup>

<sup>1)</sup> plus a conditional and capped earn-out component

#### Operations in Poland, China, USA and Italy





# Valmet strengthened its stable business through acquisitions

Valmet completed the acquisitions of GL&V and J&L Fiber Services in Q2/2019

- GL&V is a supplier of technologies, upgrade and process optimization services, rebuilds and spare parts for the pulp and paper industry globally
  - Focus in chemical pulping, stock preparation, papermaking and finishing
  - Key locations in the US and Canada, operations also in Europe, India and South America
- Majority of the business is reported in the Services business line

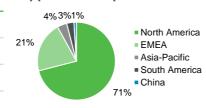
- **J&L Fiber Services** is a manufacturer and provider of refiner segments to the pulp, paper and fiberboard industry
  - Most of the employees are located in Wisconsin, U.S, with global operations through a sales representative and distribution network.
- The acquired business became a part of Valmet's Services business line

#### **Key information**

Net sales in 2018	EUR ~160 million
EBITA margin in 2018	~11%
Number of employees	~630
Value of acquisition <sup>1</sup>	EUR ~113 million

<sup>1)</sup> Value on a cash and debt free basis subject to ordinary post-closing adjustments

#### Approximate split of net sales

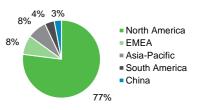


#### Key information

Net sales in 2018	EUR ~30 million
EBITA margin in 2018	~15%
Number of employees	~100
Value of acquisition <sup>1</sup>	EUR ~51 million

Value on a cash and debt free basis subject to ordinary post-closing adjustments

#### Approximate split of net sales





## Valmet's 29.5% ownership in Neles

- Valmet acquired 29.5% of Neles in 2020
- Valmet's goal is to have an active long-term role in the development of Neles
- In the long term, combination of Valmet and Neles would create a Nordic based global leader with a unique offering for process industries

### Valmet and Neles together

- Stronger margin profile and globally balanced operations
- Increased share of high-margin and growing stable business including services, automation systems and valves
- A platform for further growth in automation business
- Tangible revenue, technology development and cost synergy potential





Appendix
Shareholders and share price development



## Largest shareholders on February 28, 2021

### Based on indicative data collected by Modular Finance

#	Shareholder name	Number of shares	% of shares and votes
1	Solidium Oy	16,695,287	11.1%
2	Handelsbanken Funds	5,308,880	3.5%
3	Ilmarinen Mutual Pension Insurance Company	4,325,000	3.0%
4	Norges Bank	3,913,666	2.6%
5	Vanguard	3,446,289	2.3%
6	BlackRock	3,145,503	2.1%
7	Swedbank Robur Funds	2,920,360	1.9%
8	Elo Mutual Pension Insurance Company	2,823,044	1.9%
9	Oddo BHF Asset Management	2,549,151	1.7%
10	OP Funds	2,435,347	1.6%
	10 largest shareholders, total	47,562,527	31.7%
	Other shareholders	102,302,092	68.3%
	Total	149,864,619	100.0%



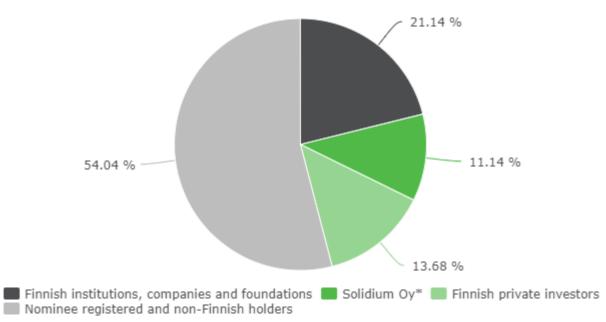
Date of transaction	Shareholder	Number of shares	% of shares and votes
Aug 9, 2019	The Goldman Sachs Group, Inc.	7,523,217	5.02%
Aug 12, 2019	The Goldman Sachs Group, Inc	7,275,810	4.85%
Aug 28, 2019	BlackRock, Inc.	Below 5%	Below 5%
Aug 29, 2019	BlackRock, Inc.	7,740,836	5.16%
Aug 30, 2019	BlackRock, Inc.	Below 5%	Below 5%



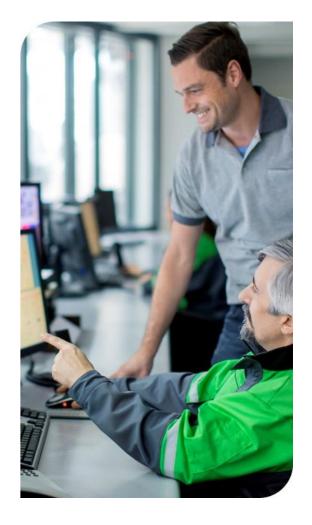


# Shareholder structure on February 28, 2021

Based on Euroclear data. The classification of sectors determined by Statistics Finland.



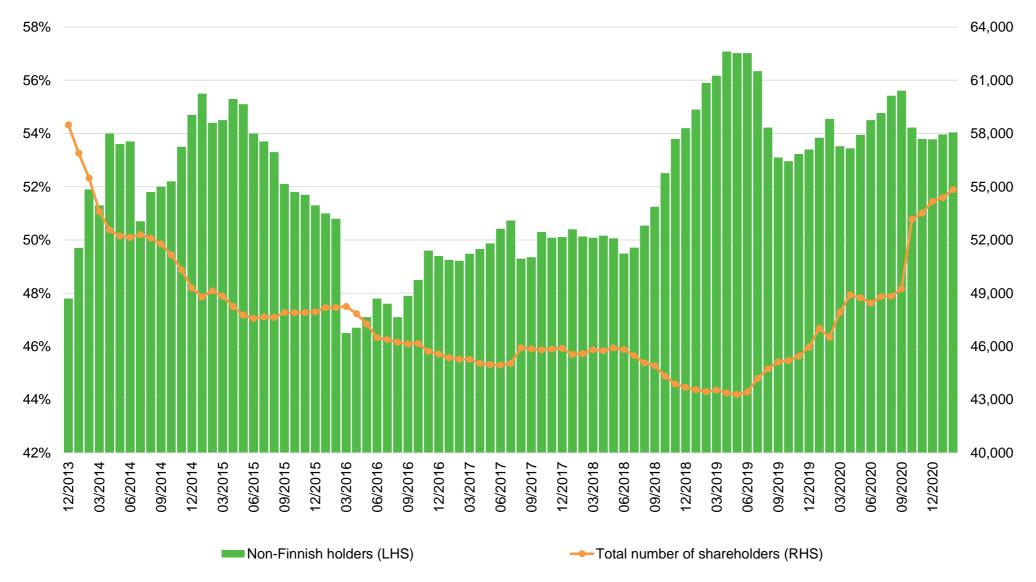
Sector	Number of shareholders	% of total shareholders	Number of shares	% of shares
Nominee registered and non-Finnish holders	342	0.63	80,989,068	54.04
Finnish institutions, companies and foundations	2,747	5.01	31,676,423	21.14
Solidium Oy*	0	0.00	16,695,287	11.14
Finnish private investors	51,751	94.37	20,495,861	13.68
On issuer account	0	0.00	7,980	0.01
Total	54,840	100.00	149,864,619	100.00







### Share of non-Finnish holders and number of shareholders





### Valmet's total shareholder return

### **Development since January 2, 2014:**

- Valmet's total shareholder return has been 380%.
- Share price has increased by 318%
- Cumulative dividend payout EUR 610 million, including year 2020
- Total shareholder value creation of EUR 3.8 billion





Appendix
Strategy and offering



## Valmet's way forward



#### Our Values



#### Customers

We move our customers' performance forward



#### Renewal

We promote new ideas to create the future



#### Excellence

We improve every day to deliver results



#### **People**

We work together to make a difference

### Megatrends

· Resource efficient and clean world

**Our Vision** 

- · Digitalization and new technologies
- · Urban, responsible and global consumer



### Services business units



**Performance Parts** 

Spare parts and consumables



Rolls and Workshop Services

Rolls, roll covers and maintenance, workshop services



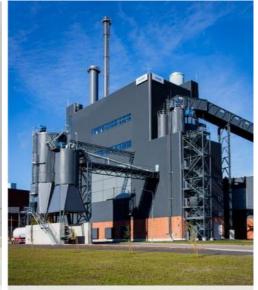
Fabrics

Paper machine clothing and filter fabrics



Board, Paper and Tissue Solutions

Improvement Projects, Field Services, Life Cycle Agreements, Outsourcing

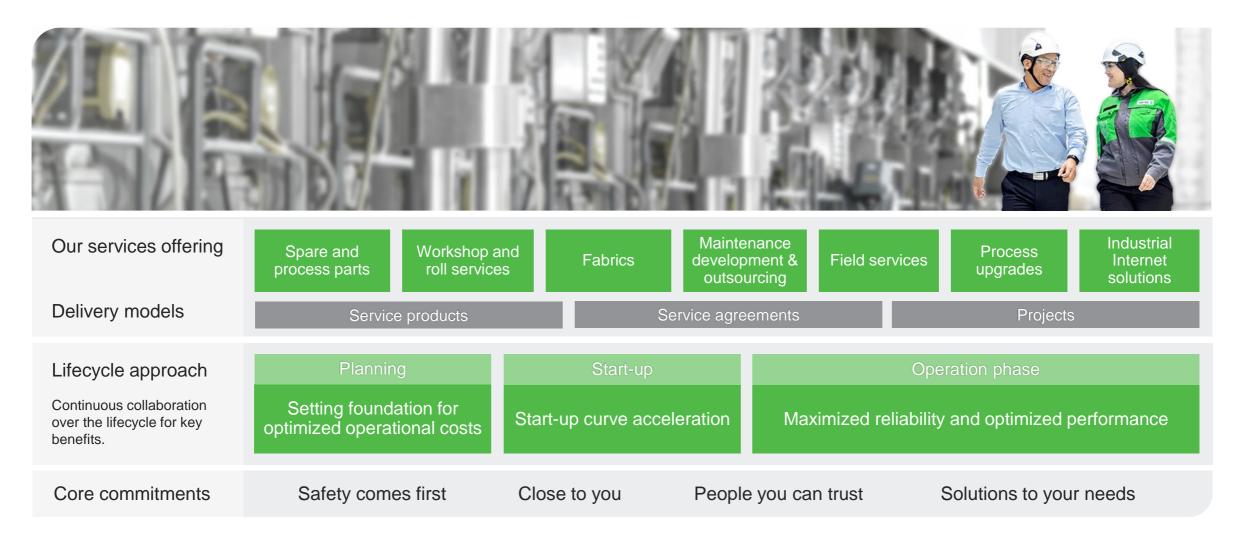


Pulp and Energy Solutions

Improvement Projects, Field Services, Life Cycle Agreements, Outsourcing



### Our way to serve - Right combination of services for every stage in the lifecycle





# Automation business line offering

Delivered as products and technology, projects and service agreements



Highly integrated automation system for process control and condition monitoring.



Quality control system, quality management applications.



For measuring and optimizing different variables in industrial processes.



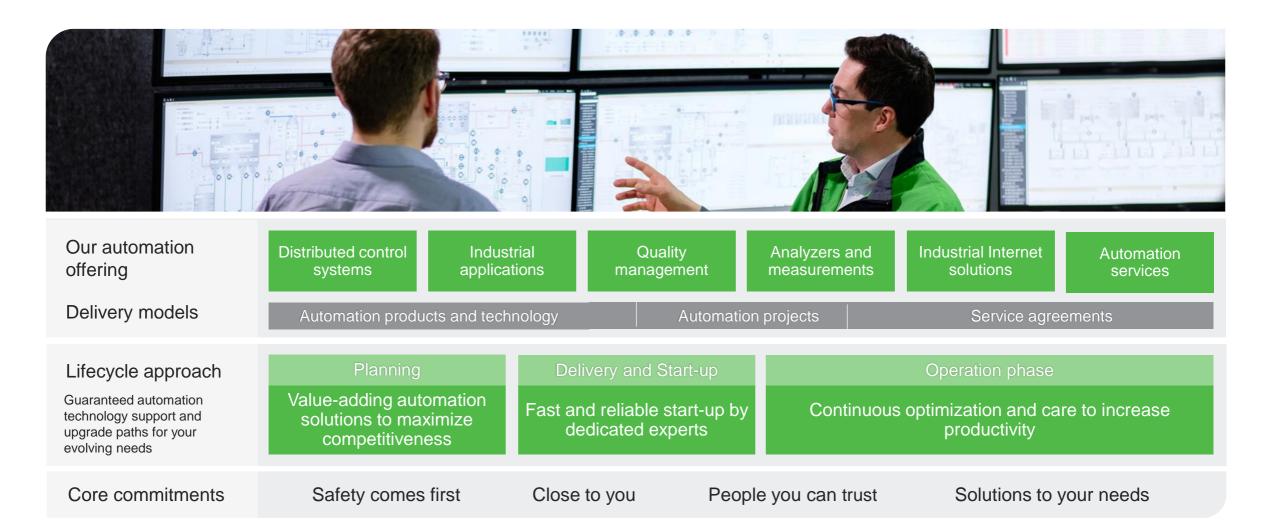
- Advanced controls and data-driven applications for assisted decision making and mill-wide optimization.
- Remote expert support from Valmet Performance Center.
- Valmet Customer portal for relevant information and collaboration.



Services for high availability, intelligent maintenance, process performance and risk control.



# Future-proof automation solutions and services





# Automation business line offering and market overview

### Advanced automation and process monitoring solutions and services:

- Distributed Control System (DCS) Valmet DNA
- Performance solutions
- Quality Control System (QCS)
- **Profilers**
- Analyzers and measurements

- Industrial internet solutions
- Automation services
- Process simulators
- Safety systems and solutions

Over 4,500 automation systems and over 40,000 analyzers and measurements delivered

### **Distributed** Control System (DCS)



### Quality Management **System**



### **Analyzers and** measurements



### Scope/product

- DCS for process and plant controls
- Condition monitoring
- Information management
- APC (advanced process control)
- Industrial Internet applications
- QCS (Quality Control Systems)
- **Profilers**
- Web inspection and web break analysis systems
- Paper analyzers
- Pulp analyzers
- Pulp consistency measurements
- Conductivity measurements
- Power analyzers

### Market size

#### Pulp and paper DCS market:

• EUR 900 million

#### Power DCS market:

EUR 700 million

#### Estimated market size:

>EUR 200 million

#### Estimated market size:

<EUR 200 million</li>

### Main competitors

- ABB
- Honeywell
- Emerson
- Siemens
- Yokogawa

Cognex

Isra Vision

- **ABB**
- Honeywell
- Voith
- Paperchine
- Procemex
- ABB
- BTG











# Pulp and Energy business line offering

### Leading global technology supplier





### **Pulp**

- Chemical pulp mill
  - Woodhandling
  - · Cooking and fiberline
  - Pulp drying and baling
  - Chemical recovery
- Mechanical pulping
- Fiberboard defibrator systems
- Industrial Internet and remote support

### **Biomass conversion**

- Pretreatment for bioethanol production
- Black pellets
- Lignin extraction

### **Energy**

Technology for biomass and municipal and industrial residual waste

- Fluidized bed boilers
- Modular power plants
- Gasification
- Pyrolysis process
- Industrial Internet and remote support

### **Emission control**

- Power plant flue gas cleaning
- Flue gas heat recovery
- NOx control
- Marine scrubbers



# Paper business line offering



### **Stock preparation lines**

- Recycled fiber lines
- Stock preparation systems
- Approach flow systems
- Broke collection and handling

### Rebuilds

 Modernization and upgrades for performance improvements

### **Stand-alone products**

E.g., refiners, screens, pulpers



### **Board and paper production lines**

- Technologies for all board and paper grades
- Technologies for all size of machinery
- Tailor-made board and paper machines
- Modularized board and paper machines

### Rebuilds

Modernizations and grade conversions

### **Stand-alone products**

E.g., headboxes, sizers, winders



### Tissue production lines

- Technologies for all tissue grades and products
- Technologies for all size of machinery
- Conventional, textured and structured tissue production

### Rebuilds

Upgrades for energy, product quality, safety and efficiency improvements

### **Stand-alone products**

E.g., headboxes, Yankee cylinders, rewinders



# Full scope offering for the pulp and paper industry

### **Technologies**

- Wood handling
- Heat and power production
- Chemical pulping
- Chemical recovery
- Pulp drying

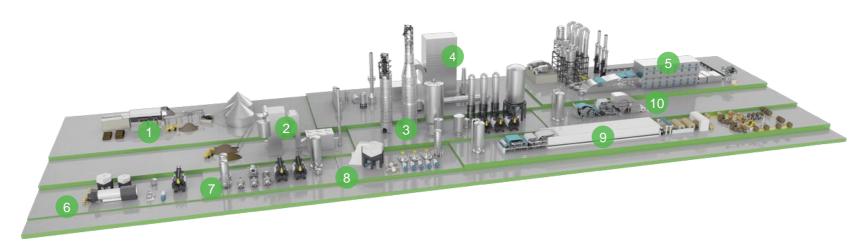
- Recycled fiber
- Mechanical fiber
- Stock preparation
- Board and paper making
- Tissue making

### **Automation**

- Distributed Control System (DCS)
- Performance solutions
- Quality Control System (QCS)
- **Profilers**
- Analyzers and measurements
- Industrial internet solutions
- Automation services
- Process simulators
- Safety systems and solutions

#### Services

- Mill and plant improvements
- Spare and wear parts
- Paper machine clothing and filter fabrics
- Roll services
- Services for evaporation plants, power and recovery boilers
- Services for environmental equipment





# Our offering for energy industry and biotechnologies

### **Technologies**

- Fuel handling
- 2 Gasification
- 3 Boiler and flue gas cleaning
- Bio-oil production

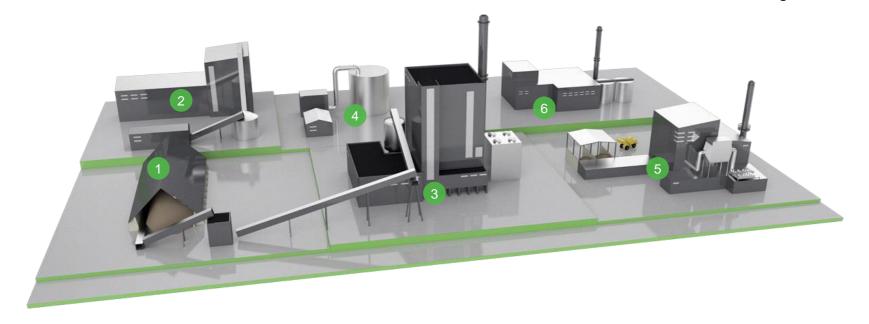
- Modularized power plants
- 6 Prehydrolysis
  For biofuels,
  biomaterials and
  biochemicals, and
  bio coal production

### **Automation**

- Distributed Control System (DCS)
- Performance solutions
- Analyzers and measurements
- Industrial internet solutions
- Automation services

### Services

- Plant improvements
- Rebuilds
- Performance services
- Services for environmental equipment
- Components and spare parts
- Training





# Continuous investment in research and development to improve customers' processes



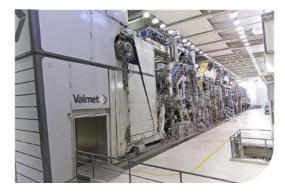
### **Customers' needs**

- Increase production efficiency
- Improve competitiveness
- Maximize value of raw materials
- Widen raw material base
- Provide high-value end products
- Develop new innovations and technologies



### Valmet's R&D focus

- Modularized and standardized products
- Energy, water and raw material efficiency
- Automation technology
- Biomass conversion technologies



### Valmet's R&D resources

- Own R&D centers and pilot facilities
- Annual R&D spend EUR 75 million (2020)
- Around 1,300 protected inventions
- Cooperation with universities and research institutions



### Example of our R&D work -**OptiConcept M board and paper** machine

- · Cost-efficient, high-quality, safe and flexible board making concept
- Significant savings in energy, water and raw material use
  - Energy efficiency improvement up to 30%
- Modular and compact size
  - Short delivery times, quick start-ups, and less production space
- Functional design brings increased safety and accessibility
  - Design acknowledged in Finnish design competition in 2014



## Growth accelerator: Valmet Industrial Internet - VII

Dialogue with data to move our customers performance forward

### Recent development

- VII solutions launched for all customer segments
- Development of Mill Wide Optimization application
- Asset Performance Manager for installed base monitoring and fleet management

### Next steps and development actions

- Augment competence of people in control room through VII applications and Valmet DNA user interface
- Move towards more autonomous mills leveraging automation and process technology

### **Valmet Performance Center delivering remote support**



1,500 Remote support cases solved in 2020

80 Customers connected to Valmet cloud

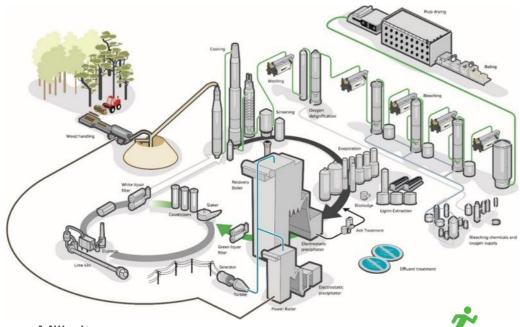
800 Remote connections

380 Advanced **Process** Controls



# Typical dimensions of pulp mills, and paper, board and tissue machines

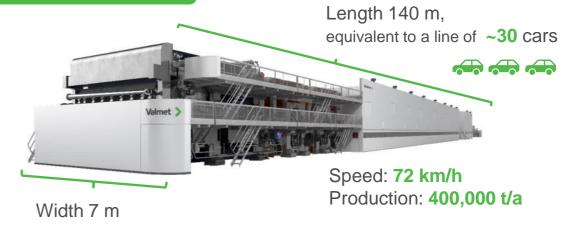
Pulp mill



Mill site area:
 500,000 – 5,000,000 m², equivalent to ~70–700 football fields

Built area:
 40,000 – 100,000 m<sup>2</sup>, equivalent to ~6–14 football fields

### Paper and board machine



Tissue machine

Length 40 m, equivalent to a line of ~9 cars



Speed: 120 km/h

Production: 65,000 t/a





Appendix Management and remuneration



### **Board of Directors**



Mikael Mäkinen (b. 1956) Chairman of the Board Finnish citizen

- M.Sc. (Eng.)
- Selected experience:
- Member of the BoD of Finnlines Ovi
- President, Marine at Rolls-Royce Plc
- Share ownership: 3.642
- · Independent of company: Yes
- Independent of owners: Yes



**Aaro Cantell** (b. 1964) Vice-Chairman of the Board Finnish citizen

- · M.Sc. (Tech.)
- Selected experience:
- CoB of Normet Group Oy
- Vice-Chairman of the BoD of Solidium Oy
- Share ownership: 6,608
- Independent of company: Yes
- Independent of owners: No



Pekka Kemppainen (b. 1954) Board member Finnish citizen

- · Lic.Sc. (Tech.)
- · Selected experience:
- Member of the BoD of Bittium Oyi, Junttan Oy, Nestor Cables Oy
- Several positions within KONE
- Share ownership: 2,944
- Independent of company: Yes
- · Independent of owners: Yes



Monika Maurer (b. 1956) Board member German citizen

- · Diploma in Physics and Chemistry, Diploma in Pedagogy
- Selected experience:
- Vice Chairman of the BoD of Nokia Shanghai Bell, Co. Ltd.
- CEO of Radio Frequency Systems
- Share ownership: 2,944
- · Independent of company: Yes
- Independent of owners: Yes



Eriikka Söderström (b. 1968) Board member Finnish citizen

- M.Sc. (Econ.)
- Selected experience:
- CFO of F-Secure Corporation
- Member of the BoD of Bekaert
- · Share ownership: 4,074
- · Independent of company: Yes
- · Independent of owners: Yes



Tarja Tyni (b. 1964) Board member Finnish citizen

- LL.M.
- Selected experience:
- CoB of Mandatum Life Investment Services Ltd
- SVP, Corporates and Private Wealth Management at Mandatum Life
- Share ownership: 5,870
- Independent of company: Yes
- Independent of owners: Yes



Rogério Ziviani (b. 1956) Board member Brazilian citizen

- B.Sc. in Business Management, MBA
- Selected experience:
- Member of the BoD of Innovatech Negócios Florestais
- Share ownership: 10,057
- Independent of company: Yes
- · Independent of owners: Yes



## **Executive Team**

Corporate



Pasi Laine President and CEO Share ownership: 149,380



Kari Saarinen CFO Share ownership: 44,778



Julia Macharey SVP, Human Resources and Operational Development Share ownership: 30,442



Anu Salonsaari-Posti SVP, Marketing, Communications, Sustainability and Corporate Relations Share ownership: 25,141

**Business lines** 



Aki Niemi Business Line President. Services Share ownership: 55,269



Sami Riekkola Business Line President. Automation Share ownership: 9,483



Bertel Karlstedt Business Line President, Pulp and Energy Share ownership: 35,579



Jari Vähäpesola Business Line President, Paper Share ownership: 52,559

Business areas



Dave King Area President, North America Share ownership: 29,741

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Celso Tacla Area President. South America Share ownership: 81,992



Vesa Simola Area President, **EMEA** Share ownership: 44,192



Xiangdong Zhu Area President. China Share ownership: 22,087



Jukka Tiitinen Area President. Asia Pacific Share ownership: 84,461



## Remuneration of the President and CEO

- The remuneration of the President and CEO is comprised of
  - the total salary (monthly base salary and customary fringe benefits\*),
  - short-term and long-term incentives, and
  - pension benefits and customary insurances.
- The total annual base salary and customary fringe benefits\* of the President and CEO in 2020 was EUR 680,104
- The relative proportion of the variable pay elements at maximum level is 2–3 times the fixed pay
- Additional pension benefit in the form of a defined contribution pension plan, 20% of base salary

### **Performance share plan**

	2021	2021–2023
Incentive based on	Comparable EBITA as % of net sales, and orders received growth in the stable business (Services and Automation business lines)	Predefined strategic targets for a three-year performance period
Reward payment	In spring 2021	In spring 2024
Restriction period	2 years	



<sup>\*</sup> Such as a car and a mobile phone, according to the local legislation and market practice.

## Remuneration of the Executive Team

- The remuneration of the Executive Team members comprises
  - a monthly total salary (including monthly salary and customary fringe benefits<sup>1</sup>),
  - a supplementary pension plan, and
  - short-term and long-term incentives
- Additional pension benefit in the form of a defined contribution pension plan equaling 15-20% of base salary depending on role
- Notice period is six months for both parties. If the company terminates the agreement, there is an additional severance pay equaling six times the last total monthly salary

### **Performance share plan**

	2021	2021–2023
Incentive based on	Comparable EBITA as % of net sales, and orders received growth in the stable business (Services and Automation business lines)	Predefined strategic targets for a three-year performance period
Reward payment	In spring 2021	In spring 2024
Restriction period	2 years	



<sup>&</sup>lt;sup>1</sup> Such as a car and a mobile phone.

<sup>&</sup>lt;sup>2</sup> Calculated in the beginning of the performance period.

