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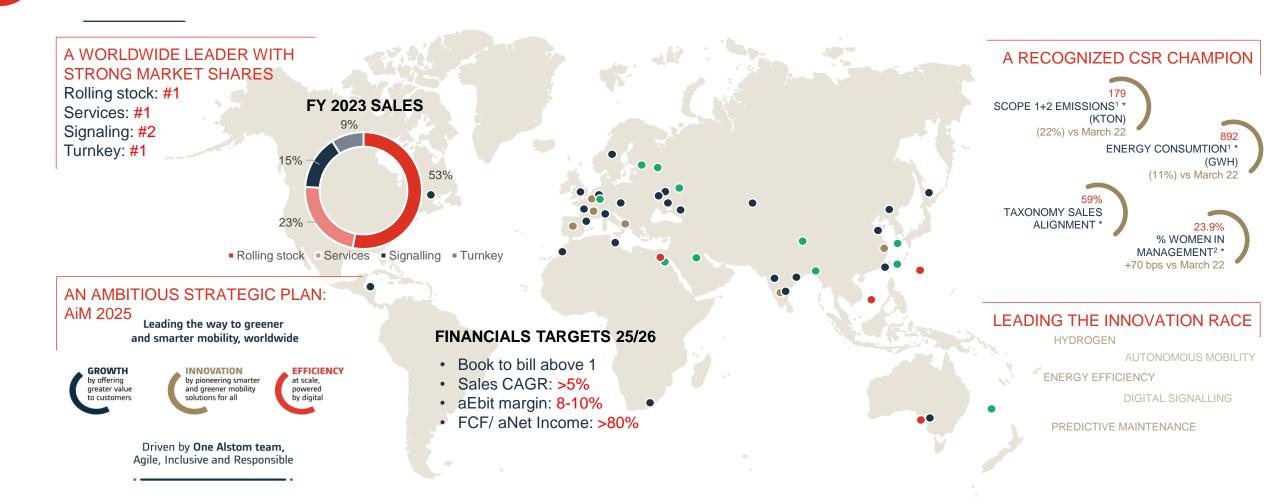


# Summary

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2.	The most comprehensive offering in the rail industry	p.1
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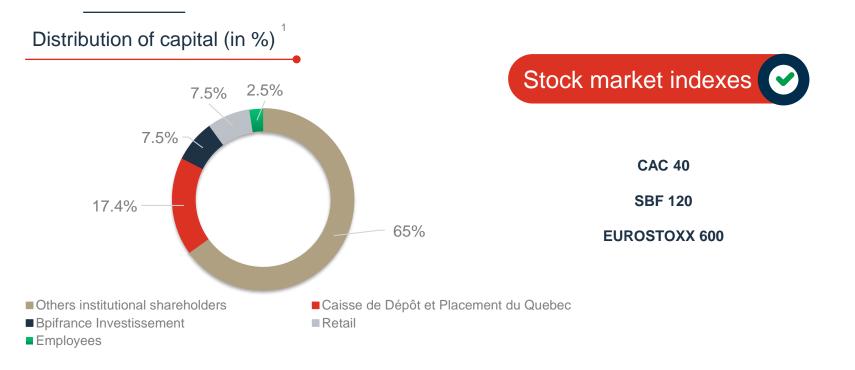
### Alstom's investment case

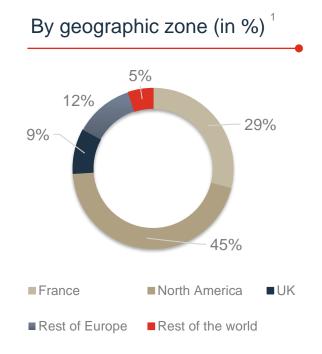


- 1. CAGR between Sales proforma FY 2020/21 and FY 2025/26
- 2. From FY 2025/26 onwards. Subject to short term volatility



### A stable shareholding structure

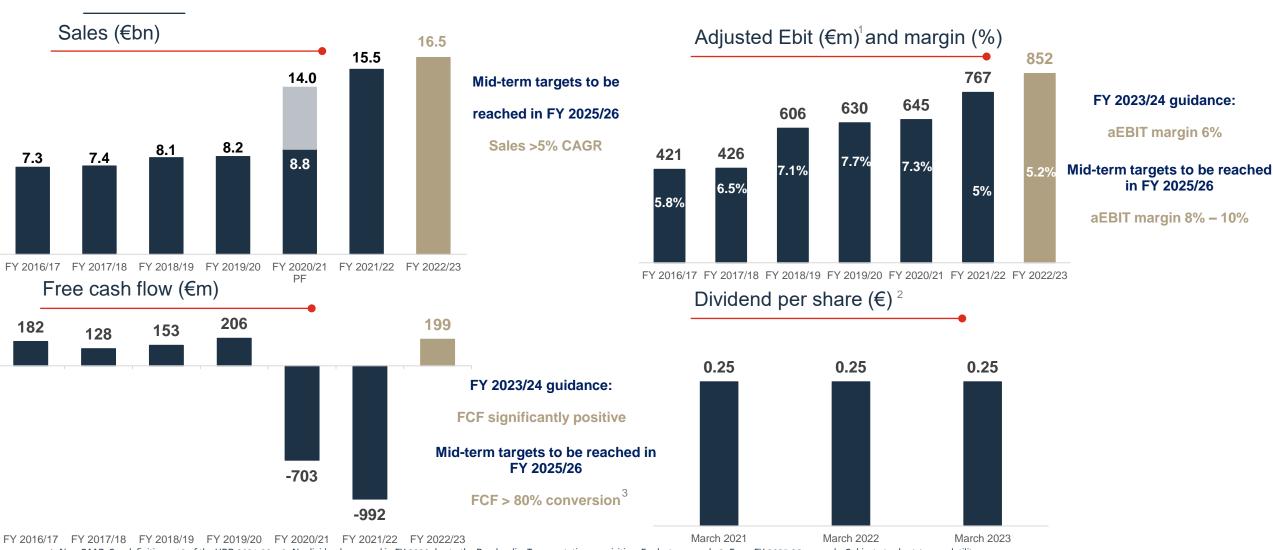


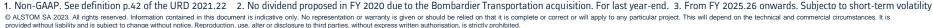


### A large international floating base for investors



### Financial performance trajectory







### Alstom's resilient business model

LEADER POSITION IN A DYNAMIC MARKET

supported by secular trends

**BACKLOG OFFERING LONG-TERM VISIBILITY** 

with improving margin

GLOBAL FOOTPRINT, multi-local supply chain

STRONG SERVICE AND SIGNALLING FRANCHISES



### A unique global player thanks to Bombardier Transportation





E-locomotive TRAXX

Monorail Innovia



**People Mover** Innovia

- Portfolio complementarity
- Rolling stock: E loco, people movers, monorail, advanced components (bogies, traction ..)
- Services: UK franchise, US operations and maintenance, huge installed fleet
- Signalling: strong products complementarity



### Geographical complementarity





DB & Germany to invest ~€86bn by 2030



Significant investment expected in rail infrastructure



Middle-East & Africa rail OEM market CAGR of 4.9%1

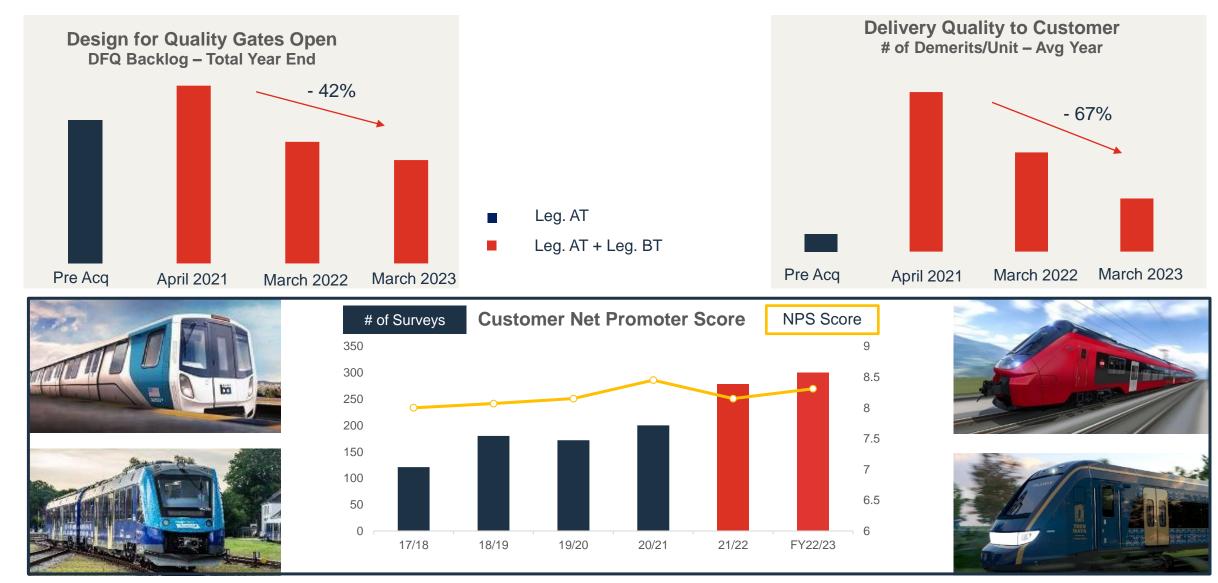
An innovation catalysis



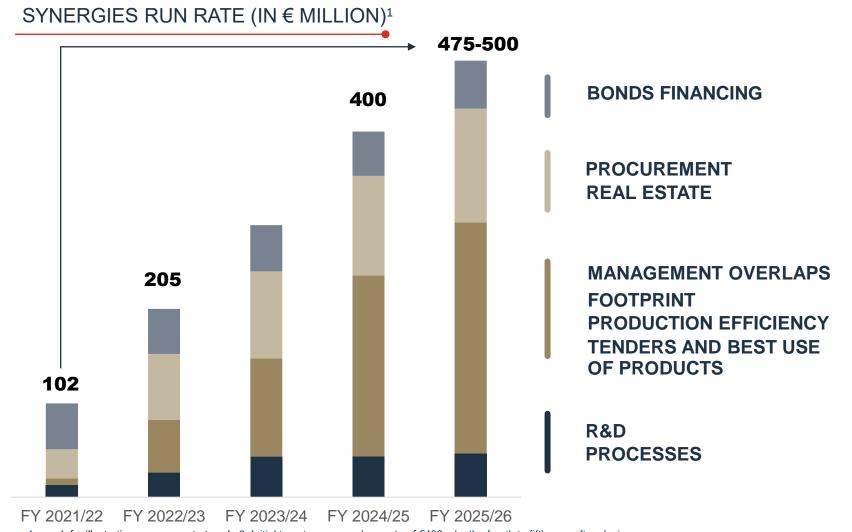
### **Better pricing power and Terms & Conditions for Alstom**



### Quality excellence drives customer confidence and satisfaction



### Synergies on-track with announced trajectory



#### 2025/26 SOURCES OF UPLIFT<sup>2</sup>

- Incremental industrial efficiency and best use of products through massification
- Incremental procurement synergies



### Alstom business geared to 8-10% aEBIT and > 80% cash conversion

- Book to bill above 1
- CAGR¹ on Sales above 5%

#### FY 2023/24

- aEBIT ~6%
- FCF significantly positive

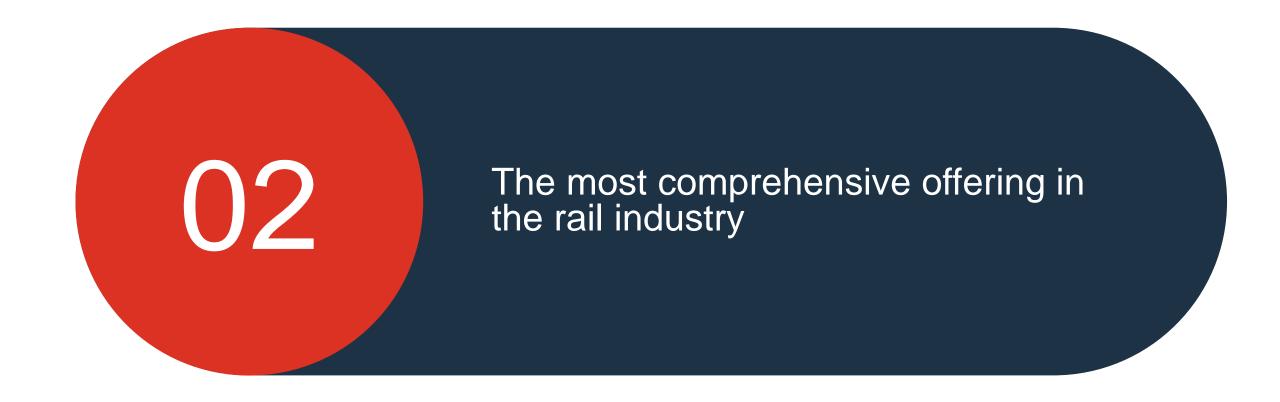
# Mid-term targets To be reached in FY 2025/26

- aEBIT 8 -10%
- FCF > 80% conversion<sup>2</sup>

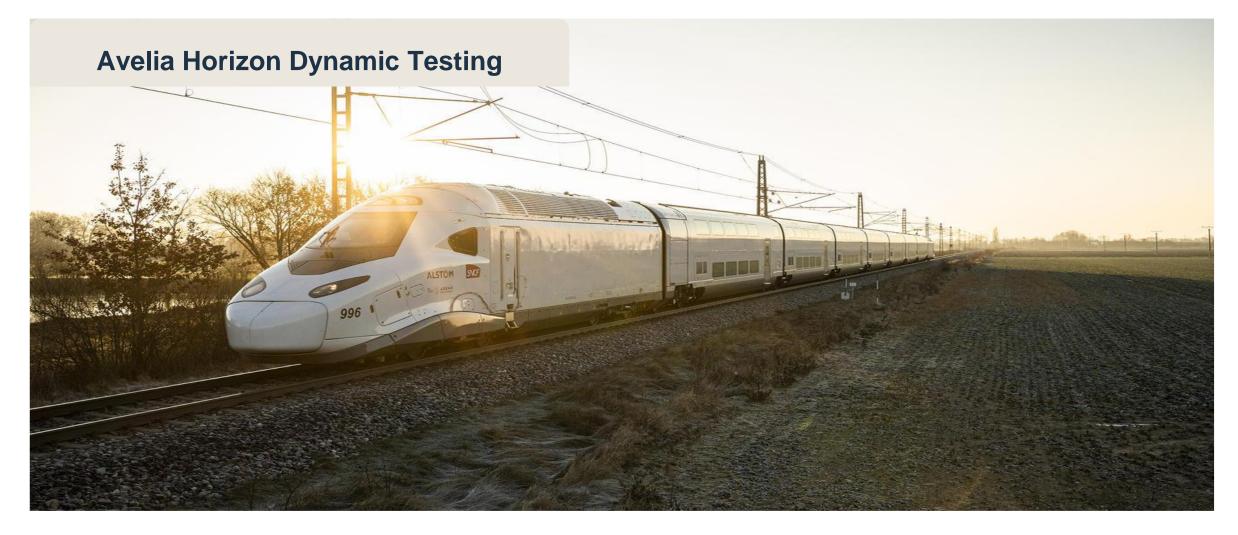
The Group has based its FY 2023/24 outlook on a central inflation scenario reflecting a consensus of public institutions. The Group also assumes its continuous ability to navigate the supply chain, macro-economic and geopolitical challenges as it has done during FY 2022/23.

CAGR between Sales proforma FY 2020/21 and FY 2025/26

From FY 2025/26 onwards. Subject to short term volatility



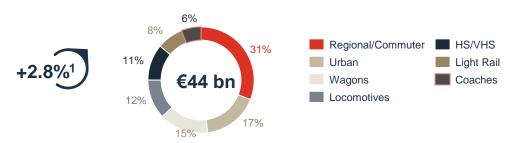
### Rolling Stock



### Alstom is the market leader in Rolling Stock & Components

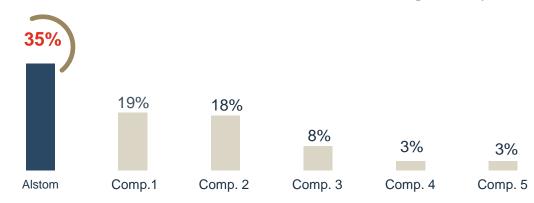
#### RSC IS A LARGE AND STEADY MARKET

UNIFE accessible market 2022-2024 (WRMS 2022) – Average in € Bn / year



#### ALSTOM: A CLEAR RSC MARKET LEADER

RSC Market shares 2020/21-2022/23, in % including turnkey share



#### MARKET DRIVERS:

France Rail Plan

India budget for rail 23/24

US acceleration with Jobs & Infra Act

**Europe Diesel replacement** 

#### **RECENT WINS**



AUSTRALIA

100 Flexity™ low-floor Next generation Trams €700 MILLION



**INDIA** 

312 Metro cars for Delhi Metro Phase IV €310 MILLION



FRANCE

60 RER NG Commuter trains €1 BILLION



**SPAIN** 

49 Coradia Stream™ HC trains for RENFE €370 MILLION



**FRANCE** 

15 Avelia Horizon trains for SNCF €590 MILLION



**KAZAKHSTAN** 

100 KZ8A (NG) Locomotives, services & signalling

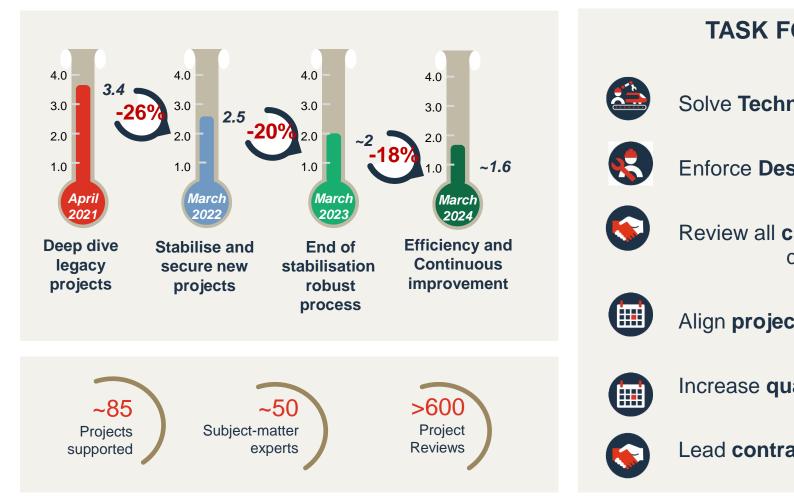


<sup>1.</sup> CAGR of 2.8 % based on UNIFE accessible rolling stock market 2019-2021 to 2025-2027 period

### ALSTOM: a unique global-local presence and capability



### Project stabilisation | Task Forces shifting from legacy to early phase projects





# TRAIN

# OMPONENT

### Convergence done at Train, Sub-system and Part levels

Focusing today on implementation in tenders

From Day 1

FY 2021/22

FY 2022/23

**FURTHER STANDARDIZE** 

adherence governance

INVENTORY

**CONVERGE** 

**RATIONALISE** 

#### 8 platforms, 9 products phased out

#### **Light Rail**



Citadis™



Regional



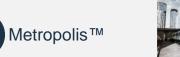
Coradia™



#### Urban



Innovia™ APM Innovia™ monorai







standard solutions

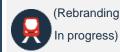
Standardisation coefficient - KPI

FY 2023/24

**Drive standardisation** in tender phase / maximise leverage of

Integrate commercial teams in

#### Commuter





#### Locomotive



Traxx™



### **High-speed**



Avelia™



#### Common standardised catalogue: 36 BUY module, 68 make components



35 active products 20 reference solutions



43 active products 20 reference solutions



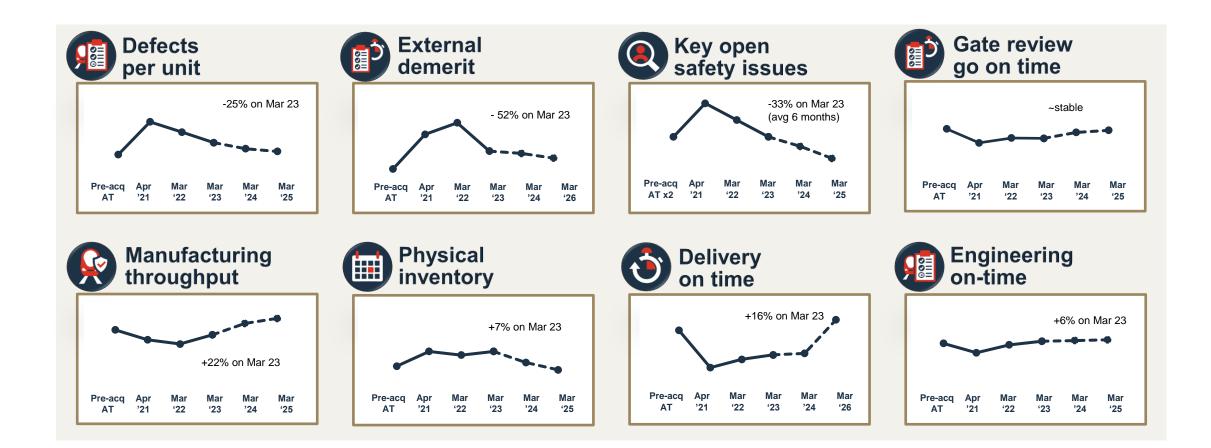
Migrate to AGATE4



Bogies references



### Operational performance | Quality on target, focusing on delivery



### Supply chain & electronic components challenges mitigated



### RSC turnaround with production ramp-up supporting growth above market

#### RSC BUSINESS PROFILE

#### FY 2022/23:

- Backlog 42.8bn€
- Orders 10.3bn€
- Sales 8.8bn€

#### Typical mid to large contracts:

- From >100m to multi-billion€
- 3 to >5 years

#### Cash:

- 5 to 10% downpayments
- Negative working capital contribution

RSC product line as key enabler to Services and Systems businesses

#### PROFITABILITY IMPROVEMENT LEVERS

BUSINESS DEVELOPMENT LEVERS

> OPERATIONAL LEVERS

**Selectivity** 

Increased % of projects indexed

**Product convergence** 

Platforming & Standardisation



Cost premiums

**HEADWINDS** 

MONITORING



Build a robust and capable railway supply base



Continuous mitigation

Operational excellence

**Digitalisation** 

Footprint utilisation and BCC lever

Synergies from process standardisation

Acquisition value capture

**Project stabilization** 

Progressive margin uplift to high single digit profitability

### Services

### **Metro Elizabeth Line maintenance**



### **Maryland Operations and maintenance**



**ALSTOM** 

### Most extensive rail services portfolio, expertise and footprint

#### ALL ENCOMPASSING PORTFOLIO



#### CLEAR LEADERSHIP OVER THE RAIL SERVICES MARKET

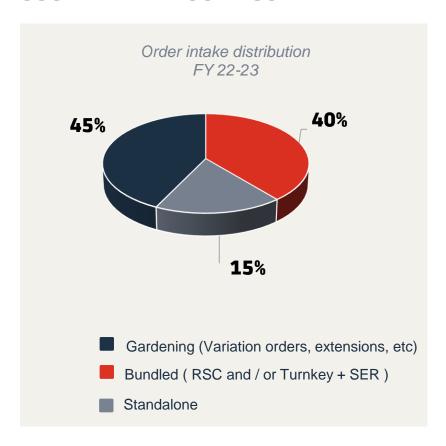




<sup>\*</sup>Accessible Market UNIFE 2025-2027

# Business model and evolution (bundle contracts, installed based advantage, small contracts)

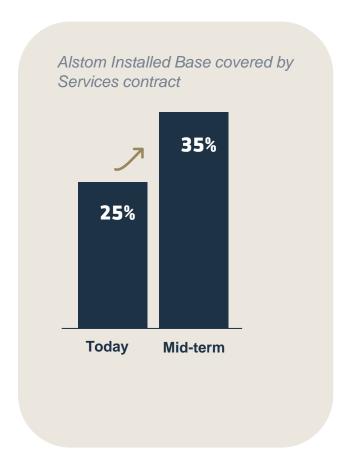
#### SUSTAINABLE BUSINESS WITH WELL BALANCED ORDER INTAKE





### Mid-term ambition: 35% of installed base under services contract

#### 150,000 CARS INSTALLED BASE WITH VAST HARVESTING POTENTIAL



# DEVELOPMENT LEVERS

Green and Smart modernisation

**Digital Solutions** 

Obsolescence Management incl. software / Cybersecurity

Parts Supply / Component Overhauls

TSSSA

# TSSSA to open new customers relationship (Singapore – Austria – US – France)

#### Customer key points

- Technology access
- End of warranty
- Fleet availability
- Mid-life overhaul required
- Social paradigm

#### Customer benefits

- Performance & Budget guaranty
- Obsolescence managed
- Life extension
- Modern / Digital approach

<sup>\*</sup>TSSSA: Technical Support and Spare Supply Agreement

### Service franchise with strong predictability and high-single digit growth

## SERVICES BUSINESS PROFILE

#### PROFITABILITY IMPROVEMENT LEVERS

#### FY2022/23:

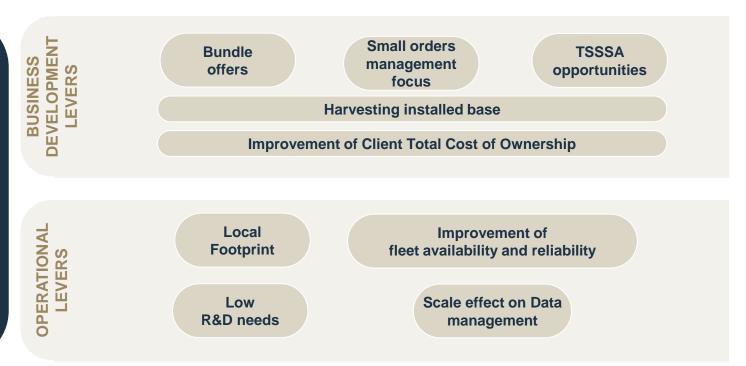
- Backlog 30.7bn€
- Orders 6.4bn€
- Sales 3.8bn€

#### Contracts:

- Long contracts up to 30 years
- Indexation as general rule
- Short-cycle business (parts)

#### Cash:

- Limited mobilisation payments (depots, capital spares)
- Positive working capital



#### HEADWINDS MONITORING



To support growth

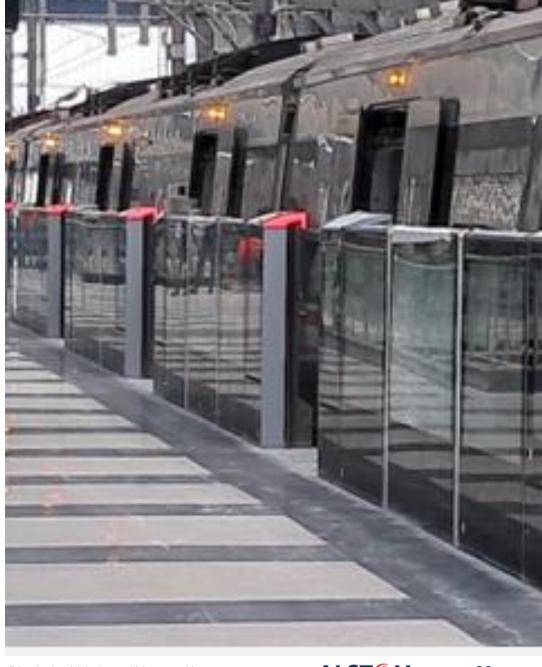


Localisation, resources availability and on-time performance

#### **ACHIEVED MID-TEENS PROFITABILITY WITH LARGE GROWTH POTENTIAL**

### Signalling and Systems





# Solid signalling market growth with accelerating modal shift as key market driver

**~15** bn€¹

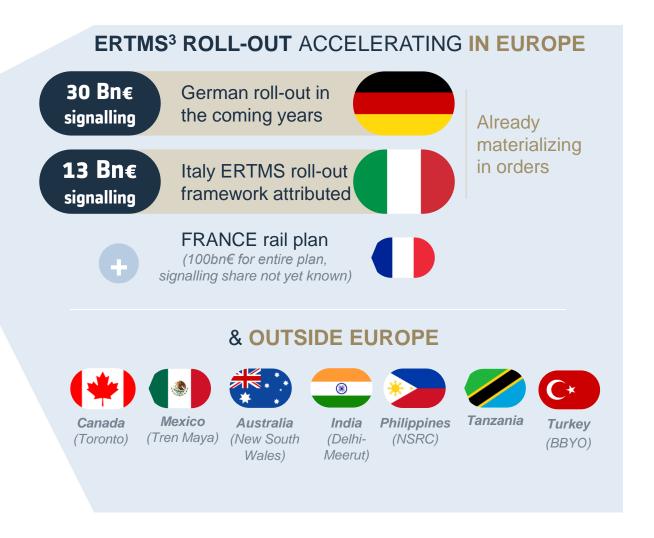
STRONG SIGNALLING MARKET GROWTH

+~4% CAGR<sup>2</sup>

Market boosted by infrastructure plans & ERTMS<sup>3</sup> roll-out acceleration

- → Signalling key to increasing capacity on existing lines
- → Enabling modal-shift acceleration towards rail





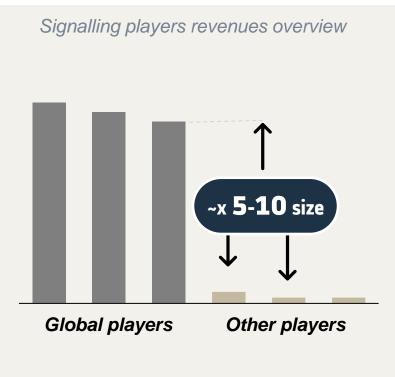
**ALSTOM** 

### Signalling, a market segment under consolidation around 3 global players

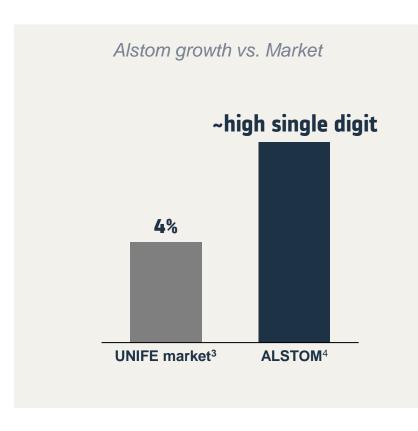
#### **KEY GLOBAL PLAYERS** CONSOLIDATING...

# of global signalling players<sup>1</sup> 8 players 3 players<sup>2</sup> 2010 2023

#### ... FAR AHEAD OF REST OF COMPETITION<sup>2</sup>



#### ... OUTPACING MARKET GROWTH



<sup>1-</sup> Global layers considered >500m€ revenues present in Alstom addressable market 2- Thales/Hitachi Merger expected in 2023 3- Alstom addressable market excl. Japan and China, CAGR 2019-2021 to 2025-2027 4- FY22/23 vs. FY21/22

### Deliver projects locally leveraging a worldwide footprint

# LEVERAGE SCALE WHILE SECURING CUSTOMER INTIMACY

### SIGNALLING SOLUTIONS

Application customization

R&D

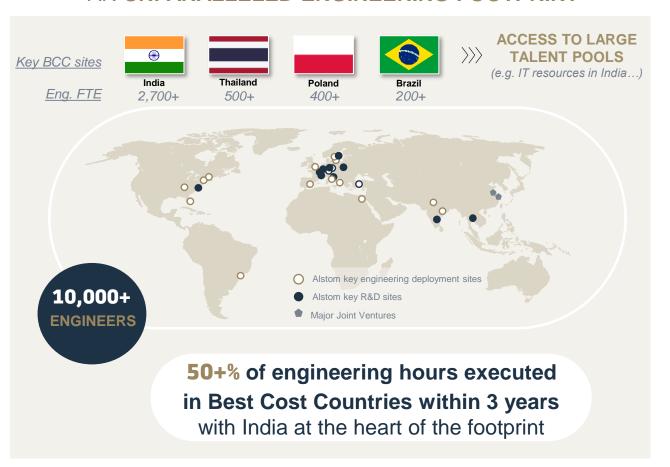
(Application software & technical platform)

Deliver & maintain
CLOSE TO
CUSTOMERS

CONCENTRATED FOOTPRINT

developing
standard solutions
(~10 key sites)

# DELIVER EFFICIENTLY THROUGH AN UNPARALLELED ENGINEERING FOOTPRINT



### Signalling franchise set for high-single digit growth

#### SIGNALLING **BUSINESS PROFILE**

#### FY2022/23:

- Backlog 7.5bn€
- Orders 2.9bn€
- Sales 2.4bn€

#### **Contracts:**

- Typical small size; < 2 years</li>
- Few > 100m€; 3 5 years

#### Cash:

- Low downpayments
- Electronics inventories
- Positive working capital

#### PROFITABILITY IMPROVEMENT LEVERS

DEVELOPMENT LEVERS BUSINESS

**Small orders** boost

Selectivity

**High Single Digit growth pattern** o/w services fast development

Harvesting customer long term relationship

Increased share of contract indexation

OPERATIONAL LEVERS

**Increase Best-Cost** vs. High-Cost countries engineering content

- Cost of labor
  - > Productivity
  - > Access to digital skills

Scaling effect on R&D

Convergence roadmap

> Decreasing R&D Intensity

#### **HEADWINDS MONITORING**



Improving, backlog to be delivered



Business continuity favored over cash optimization



Largely mitigated

FRANCHISE GEARED TO REACH DOUBLE DIGIT PROFITABILITY OVER NEXT 3 YEARS

### Systems commercial success driving double digit growth

## SYSTEMS BUSINESS PROFILE

#### FY2022/23:

- Backlog 6.3bn€
- Orders 1.0bn€
- Sales 1.5bn€

#### Very large projects business

- Several hundred millions to > €1bn
- 5-7 years execution

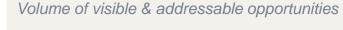
#### Profitable enabler

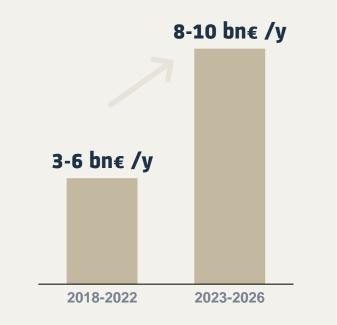
- Low R&D, low Capex
- Operations and Maintenance enabler

#### **Cash generator**

- Well financed contracts
- Negative working capital

# INCREASING VISIBLE PIPELINE OF OPPORTUNITIES





#### STRONG ALSTOM POSITIONING

### ALSTOM LEADING PLAYER AMONG THE 3 GLOBAL PLAYERS



#### "KEEP BEING THE BEST-IN-CLASS SYSTEM PROVIDER TO BE SELECTED AS THE BEST PARTNER"

- Proven delivery track-record
- Unique vertical integration from system level to all key sub-systems
- > Technology & competitiveness



**Cairo Monorail** 

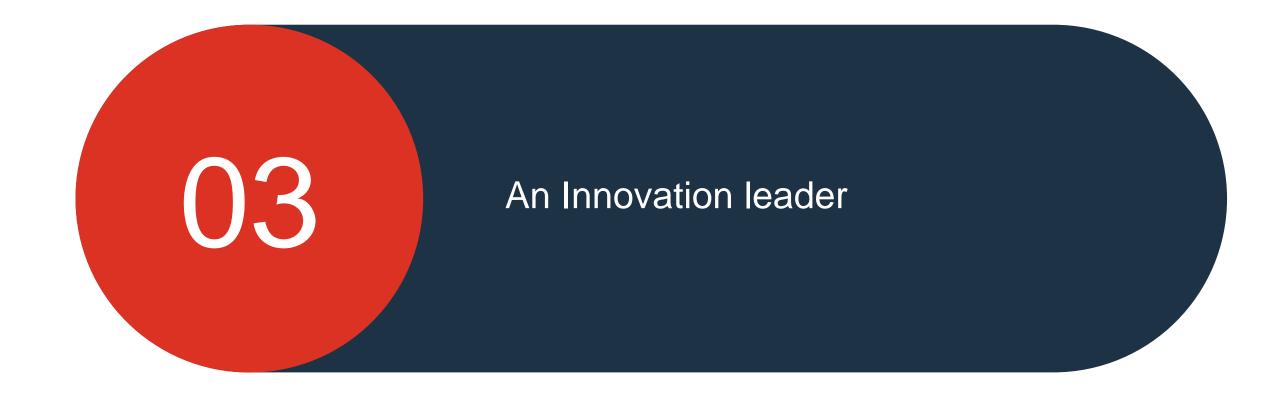


Riyadh metro



Tren Maya

#### ... WITH STRONG HIGH SINGLE DIGIT PROFITABILITY



### Sustainable Mobility at the heart of Alstom's business

#### SUSTAINABILITY ISSUES

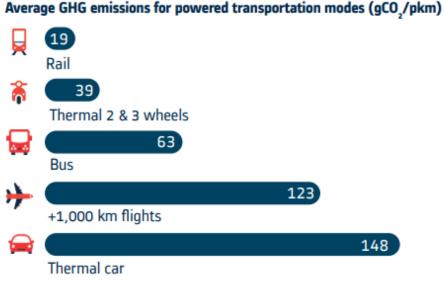
### THE TRAIN IS ONE OF THE LEAST EMITTING MODES OF TRANSPORT

#### Potential Global Temperature Increases by end of the century



Transport
generates

27%
of CO<sub>2</sub> emissions
from energy use



Source: www.iea.org/data-and-statistics/charts/well-to-wheel-wake-wing-ghg-intensity-of-motorised-passengertransport-modes in 2021.

Alstom directly contributes to Sustainable Development goals to provide access to safe, affordable, accessible and sustainable transport for all



SUSTAINABLE GOALS

### Accelerating Innovation

#### **GREEN TRACTION**



IPCEI on H2

LEVERAGE TECHNOLOGICAL ADVANTAGE

#### **DIGITAL**



Cybersecurity Train autonomy

**BEST-IN-CLASS IN ALL GEOGRAPHIES** 

#### **NEW PLATFORMS**



High Speed, Urban

GET READY FOR DEMAND INCREASE

**BOOST PORTFOLIO WITH MOST INNOVATIVE SOLUTIONS** R&D investment to reach 3.5% of sales in FY 2023/24

### A true pioneer with significant investment capabilities

#### A sustained R&D effort<sup>1</sup>

R&D c.3.5% of sales



10,127 patents and growing

7,100+ digital engineers

### ... to extend innovation leadership in 3 areas



"Lead societies to a low carbon future"



**GREEN TRACTION** 



**HYDROGEN** 



"Make mobility simple to operate and ride"



ON BOARD COMPUTER



**MAINTENANCE** 



"Create mobility solutions that all people can enjoy riding"



**CLEAN SURFACES** 



**PASSENGER EXPERIENCE** 

Covering entire Alstom R&D spend (protect the core, expand the reach, develop the growth engines)
 Net EBIT Impact R&D expenses

### Significant investment in R&D to bring best solutions to our customers

#### **ENERGY EFFICIENCY**



#### PASSENGER EXPERIENCE



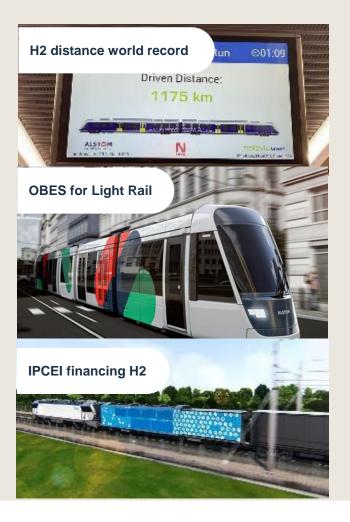
#### **CYBERSECURITY**



#### **CORE PRODUCT RANGE COVERAGE**



#### **GREEN TRACTION**



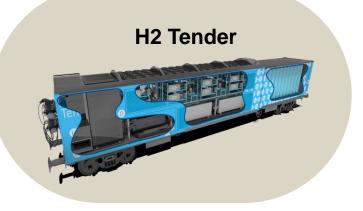


# IPCEI H2 financing strengthens Alstom leadership on Green Traction technologies

## 350 M€ subsidies covering 4 projects









- Boost H2 solutions development
- About 5 years projects
- Comprehensive program financing including prototypes and pre-series

# A sustained pace of innovation introduced in customer projects

### **ACCELERATE DIGITALIZATION**

### Implement innovations on a major customer contract

### Delhi-Meerut project illustration:

- Most advanced FRTMS solutions
- Hardware/software decoupling in operations



# CYBERSECURITY BECOMING SYSTEMATIC ON OFFERS from 20 to 140 live projects over last 5 years LATEST

**PRODUCTS GENERATION** 

**DESIGNED FOR CYBERSECURITY** 

**INSTALLED BASE** 

**HARDENING STRATEGY** 

**SERVICES TO CUSTOMERS** 

**SUPPORT CYBER TRANSFORMATION & OPERATIONS** 





Lead RAILWAY CYBER STANDARDS design (CENELEC, IEC)



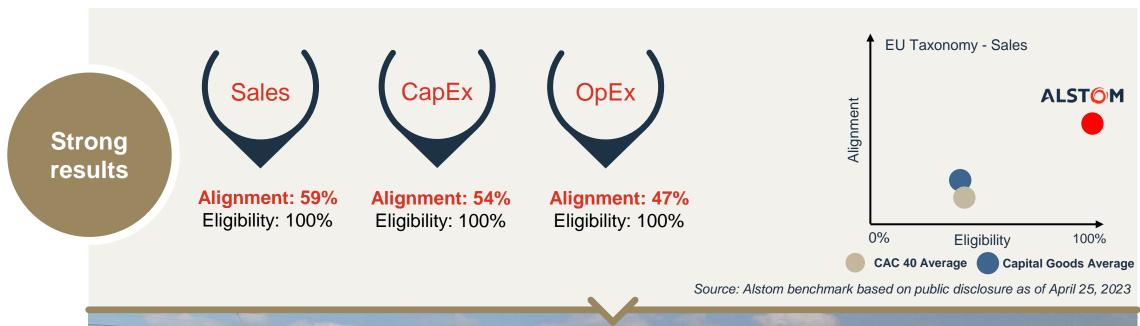




PORTFOLIC



# EU Taxonomy Alignment – our contribution to decarbonisation of transport







# Positive progress on Commitments to Society

	KPIs	March 2023	Target March 2025
ENABLING decarbonisation of mobility	<ul> <li>Energy reduction in solutions<sup>1</sup></li> <li>Electricity supply from renewables</li> <li>% of newly-developed solutions eco-designed</li> <li>% of circular (recycled) content in newly-developed trains</li> </ul>	23.4% 57% 65% 22.5%	25.0% 100% <sup>2</sup> 100% 25.0%
CARING for our people	<ul> <li>Total recordable injury rate</li> <li>Top Employer certification</li> <li>Learning culture: hours per year and employee</li> </ul>	1.8 Global 22.2	2.0 Global 22.0
CREATING a positive impact on society	<ul> <li>Beneficiaries per year from local actions and Alstom foundation</li> <li>Countries with CSR Label (AFNOR)</li> </ul>	299,000 7	250,000 12
ACTING as a responsible business partner	<ul> <li>Suppliers monitored or assessed on CSR and E&amp;C standards according to their level of risk</li> <li>Suppliers trained in sustainability and CSR</li> </ul>	74% 202	100% 500

# Several 2025 targets already achieved



# Commitment to Net-Zero Carbon in value chain by 2050

### Carbon inventory

Scope 1&2

~1% (179 kTCO2e)



Scope 3 Solutions

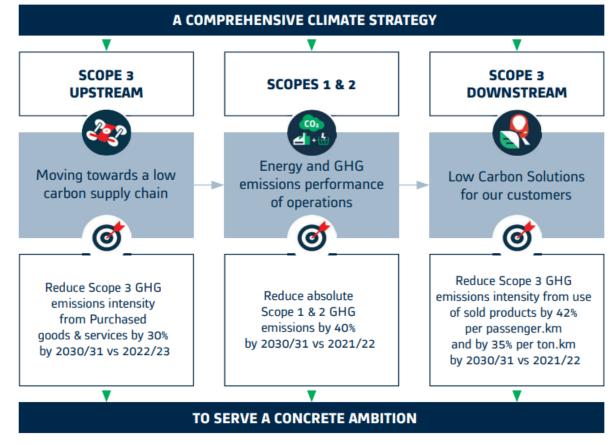
~85% (39 MTCO2e)



Scope 3 Supply Chain

~15% (6.68 MTCO2e)





#### **2050 NET-ZERO OBJECTIVE**



The Science Based Targets initiative (SBTi) has approved Alstom's near-term science-based emissions reduction targets on our direct emissions (Scope 1&2) and our indirect emissions (Scope 3) from Sold Products towards 2030/31.

# Outlook of reduction levers towards CO2 targets



### **ENABLING DECARBONISATION OF MOBILITY**

Scope 3 – Supply chain

Moving towards a low carbon Supply chain

Scope 1 & 2 - Alstom sites

**Decarbonising our operations** 

# Scope 3 – Sold products

- Enabling the transition to sustainable mobility solutions
- placing energy-efficient electrical rail solutions at the heart of our portfolio







# A glimpse of where Alstom is making difference

















**Avelia Horizon™** offers more capacity and less energy consumption from eco-design

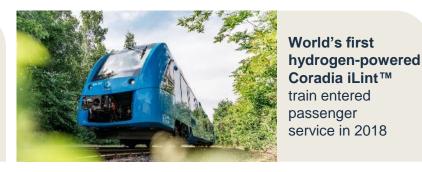


**Solar panels** at

Trapaga factory,

Spain

**Hesop™** reversible substation power converters for reuse of energy from braking mode



**On-board battery** energy storage **systems** for new or retrofitted trains for zero emissions on non-electrified lines





Solar panels at Sri City factory, India



Conversion of AGC dual mode trains to batteryelectric



Metropolis™ metros with high recyclability of all materials and low-weight design





# Caring for our people

### Health and Safety, unconditionally

- Committed to zero severe accident and to protecting all employees and contractors
  - Longstanding safety program for high-risk activities
  - Fostering EHS culture through safety training and awareness
- New Health (incl. mental health) and Wellbeing programme roll-out
- Work life balance providing a flexible workplace for everyone



### **Cultivating diversity and inclusion**

- Supporting gender balance, disability inclusion, cultural diversity, (encouraging female hiring, managing attrition, preventing discrimination & harassment etc.)
- Certified GLOBAL Top Employer, and recognised D&I performance
- Committed to providing high quality learning for all employees to grow and develop







# Creating a positive impact on society







actions

### **Investing in local economies**

#### **Alstom in North America:**

- builds the Next Generation of High-Speed trainsets for the Northeast Corridor of the US (Amtrak project)
- materials from around 200 suppliers in 27 states
- 40% of the \$590 million investment went to Small & Disadvantaged Business Enterprises.

#### **Alstom South Africa:**

- purchased about €200 million of goods and services over 2021/22
- 79% of which are from South African suppliers (over 500 suppliers)
- >9,000 jobs supported in South Africa.

### **Contributing to communities**

- Local action plans to support charities and education for countries with +200 employees
- beneficiaries • 299,000 from and the Alstom Foundation in FY 2022/23







local

**Environmental** protection

Access to energy and water Access to mobility

Economic, social development & support



# Acting as a responsible business partner









# Value Chain built on shared values through Sustainable procurement

- 60% of Alstom products costs purchased
- Working collaboratively with suppliers to improve CSR performance:
  - 96% of purchase amount covered by suppliers<sup>1</sup> having signed the Ethics and Sustainable Development Charter<sup>2</sup>
  - 62%<sup>3</sup> of total purchase volume covered by online assessments, on-site audits or screening as per level of risks
  - Supplier development through training
- Vigilance plan as per French Law "Duty of Vigilance"



Founding member of the Railsponsible initiative (2015)

### Highest integrity standards

- Focused Ethics and Compliance committee of the Board of Directors
- A broad approach covering competition and corruption risks (code of ethics, training, ...)
- Worldwide Ambassador network of 460 E&C ambassadors to spread Alstom's culture of integrity
- Alstom Alert Procedure allowing any employee or third party to report, according a violation of the Code of Ethics or Alstom rules and policies

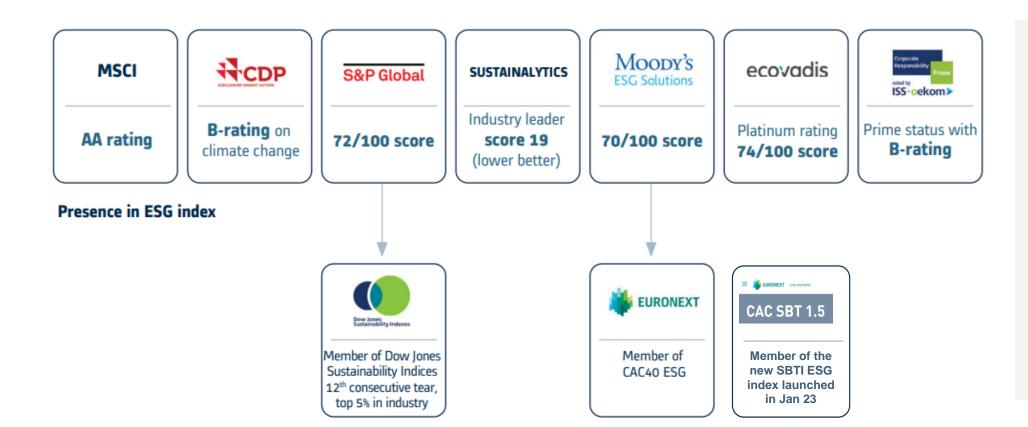


Renewal ISO 37001 Certificate for all regions until 2023



<sup>1.</sup> Suppliers with whom Alstom has a spending exceeding €100,000, excluding the charters included in the general conditions of purchase 2. including EHS and Eco Design strategy

# Strong sustainable rating profile by main agencies

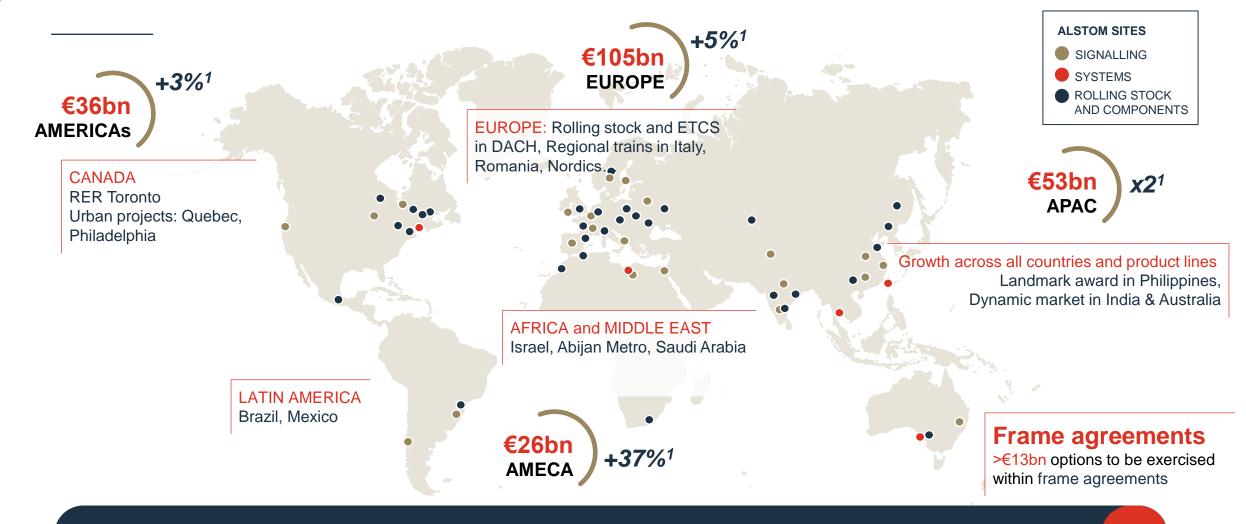




First railway manufacturer to obtain the label 'Committed to CSR' ('Engagé RSE') on ISO 26000 from AFNOR



# Market potential confirmed on all product lines: > €220bn until FY 2025/26

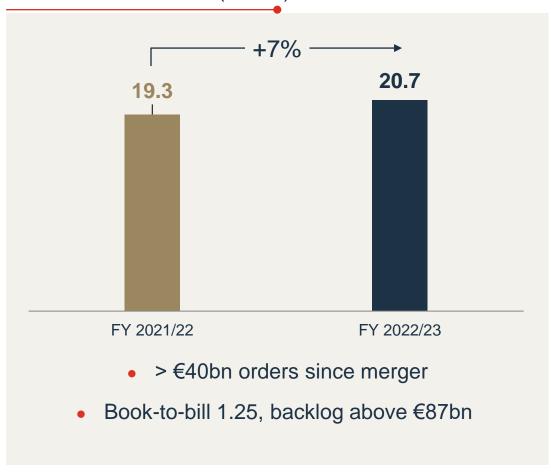


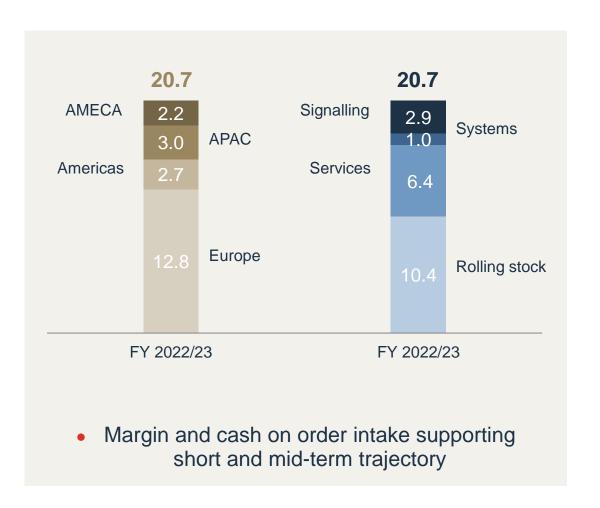
Acceleration of market momentum with €120bn of opportunities in the next 18 months



# Solid order intake supporting trajectory

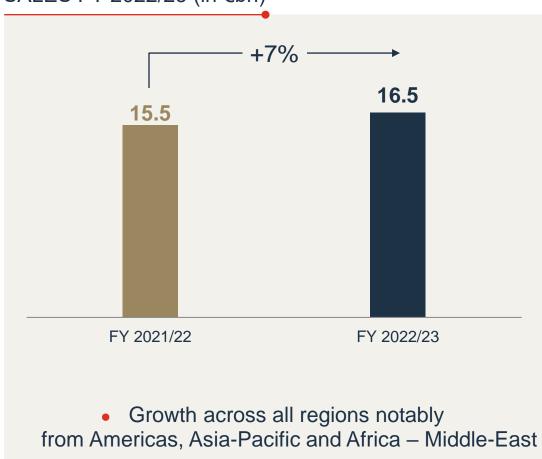
### ORDERS FY 2022/23 (in €bn)





# Strong sales progress, driven by Systems and Services

### SALES FY 2022/23 (in €bn)



### FY 2022/23 SALES SPLIT BY PRODUCT LINES



ROLLING STOCK: €8,784m (+2% vs FY 2021/22)
Continued execution of large projects mainly in Europe



SERVICES: €3,817m (+12% vs FY 2021/22)
Growth in Europe maintenance and Trains operations &
System Maintenance services in Americas



SIGNALLING: €2,430m (+7% vs FY 2021/22) Stable execution in Europe & APAC, growing performance in Germany



SYSTEMS: €1,476m (+28% vs FY 2021/22)
Acceleration in execution (Cairo Monorail, Tren Maya, Thailand monorails)

# Strong commercial momentum driving sales and aEBIT trajectory

(in € million)	FY 2021/22	FY 2022/23	Evolution
Sales	15,471	16,507	+7%
Cost of Sales	(13,323)	(14,182)	+6%
Adjusted Gross Margin before PPA <sup>1</sup> As a % of sales	<b>2,148</b> 13.9%	<b>2,325</b> 14.1%	+20bps
Research and development expenses before PPA <sup>2</sup> As a % of sales	(530) 3.4%	(519) 3.1%	(2)%
Selling & Administrative expenses  As a % of sales	(996) <i>6.4%</i>	(1,096) <i>6.6%</i>	+10%
Net interest in equity investees pickup <sup>3</sup>	145	142	(2)%
Adjusted EBIT <sup>1</sup>	767	852	+11%
Adjusted EBIT margin <sup>1</sup>	5.0%	5.2%	+20bps

Definition in Appendix

<sup>2.</sup> Excluding €(61) million of amortisation expenses of the purchase price allocation of Bombardier Transportation.

B. Definition in Appendix. This mainly includes Chinese joint-ventures

# Profitability bridge FY 2021/22 to FY 2022/23

aEBIT (in %)

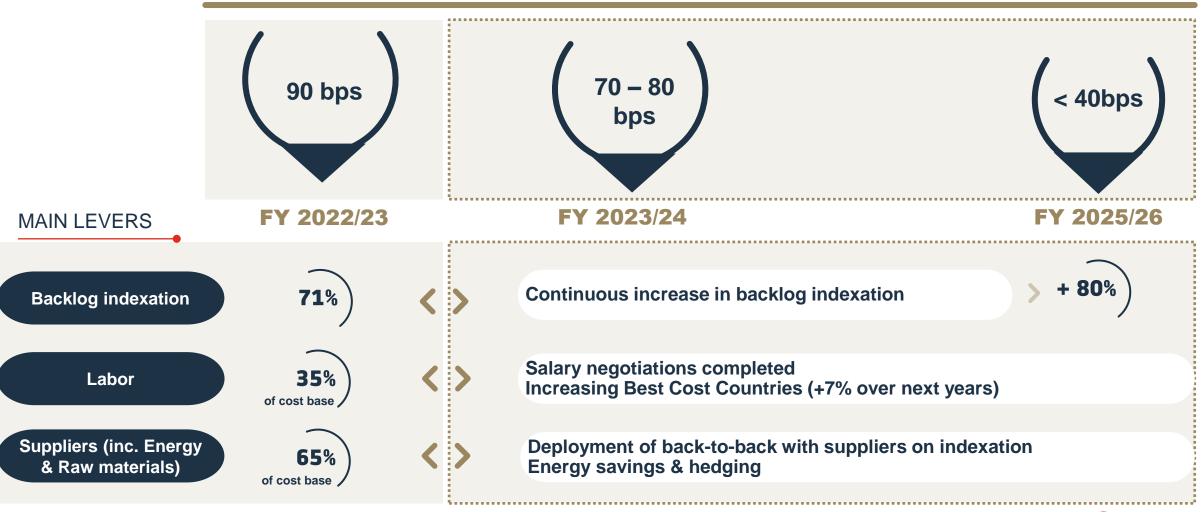


# In line with guidance provided



# Inflation peak in FY2022/23 Strong action plan in place, impact moderating thereafter

### **IMPACT ON MARGIN ON FY 2022/23 AND ONWARDS**



# aEBIT to Net Income

(in € million)	FY 2021/22	FY 2022/23	Evolution	
Sales	15,471	16,507	+7%	
Adjusted EBIT	767	852	+11%	
Adjusted EBIT margin	5.0%	5.2%	+20bps	
Restructuring and rationalisation costs	(138)	(65)	(53)%	Integration costs €181m
Integration, acquisition and other costs	(209)	(279)	+33%	Legal fees €43m
Reversal of net interest in equity investees pickup <sup>1</sup>	(145)	(142)	(2)%	Remedies €30m
EBIT before PPA and impairment	275	366	+33%	FX / hedge and fees + €35m
Financial results	(25)	(103)	x3.1	Net effect of interest rates + €35m
Tax results	(68)	(70)	+3%	ETR 27%
Share in net income of equity investees	(334)	123	-	Stability on Chinese JVs.
Minority interests from continued op.	(21)	(24)	+14%	FY2021/22: TMH impairment for €441m
Adjusted Net profit <sup>2</sup>	(173)	292	-	
PPA net of tax	(403)	(420)	(4)%	
<b>Net Profit - Continued operations, Group share</b>	(576)	(128)	-	

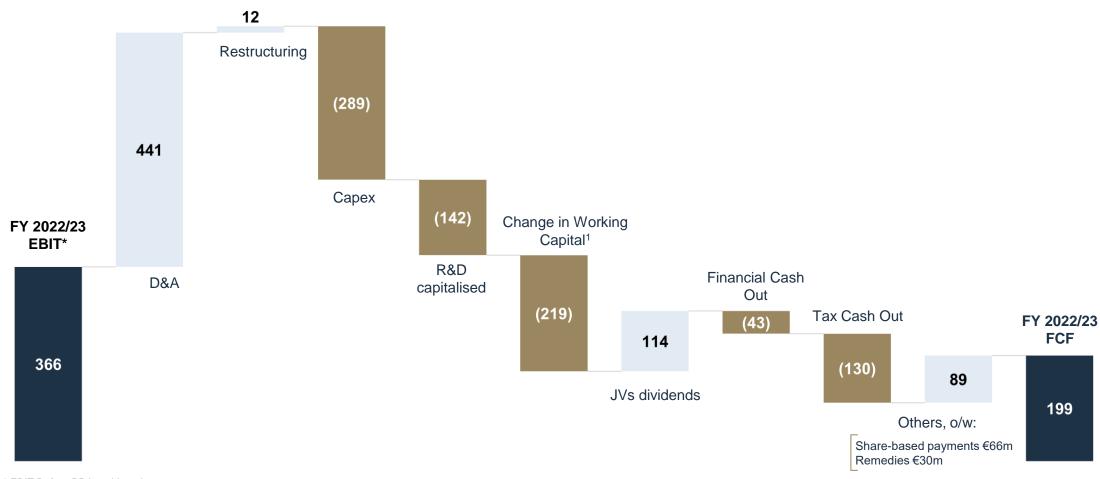
<sup>1</sup> This mainly includes Chinese joint-ventures

<sup>2</sup> Definition in appendix

**ALSTOM** 

# Free Cash-flow of c. €200m driven by profit increase

From EBIT\* to Free Cash Flow (in € million)



<sup>\*</sup> EBIT Before PPA and impairment



<sup>1</sup> Change in Working Capital for €(219)m corresponds to the €(167) million changes in working capital resulting from operating activities disclosed in the consolidated financial statements from which the €(12) million variations of restructuring provisions and €(40)m of variation of Tax working capital have been excluded

IS

# Working Capital evolution reflecting activity growth

(in € million)	31 March 2022	31 March 2023	Variation
Contract assets	3,846	4,533	+687
Inventories	3,274	3,729	+455
Contract liabilities	(6,155)	(6,781)	(626)
Trade payables	(3,323)	(3,640)	(317)
Trade receivables	2,747	2,670	(77)
Other current assets/liabilities	(1,972)	(2,175)	(203)
Working Capital before provisions As a % of sales	<b>(1,583)</b> <i>(10%)</i>	<b>(1,664)</b> <i>(10%)</i>	(81)
<b>Provisions</b> Of which Risks on contracts	<b>(2,403)</b> <i>(1,361)</i>	<b>(2,221)</b> (1,182)	+182 +179
Working Capital	(3,986)	(3,885)	+1011

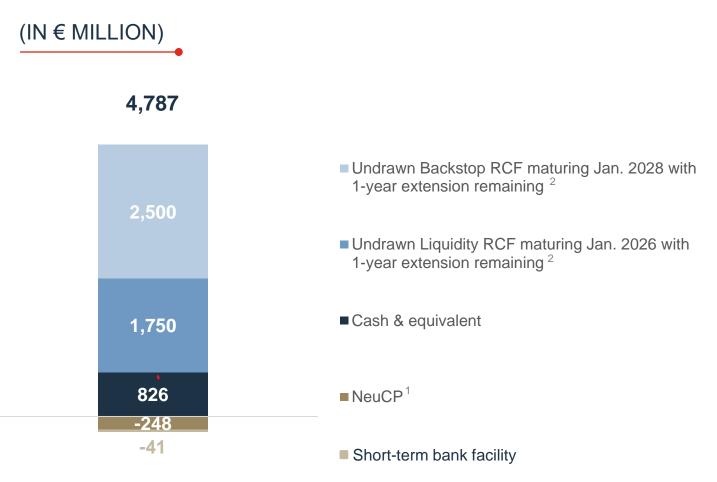
- Overall evolution consistent with activity growth and production ramp-up
- Contract liabilities driven by healthy downpayments
- Other payables €1,439m vs €1,503m as of March 2022
- France change in VAT regulation impacting contract assets, Trade receivables and Other current liabilities, mainly non-cash
- Specific downpayment scheme at €198m vs €471m as of March 2022
- Suppliers with extended payment terms at €303m vs €324m as of March 2022
- Tax factoring €159m vs €167m as of March 2022

Of which €231m of provisions application



<sup>(1)</sup> As per note 16, Total changes in working capital for €101m include €167m changes in working capital resulting from operating activities and €(66)m Others non-cash, mainly Forex

# Sound and stable liquidity position



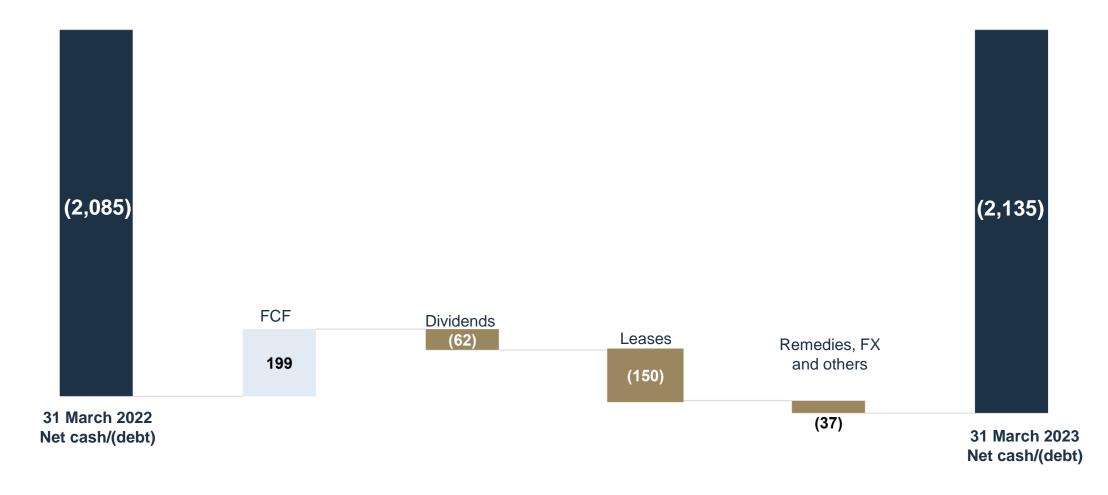
- No financial covenants on any debt
- €248m Neu CP as of March 2023 (vs. €250m as of March 2022 and €357m as of September 2022)

31 March 2023

Negotiable European Commercial Papers.

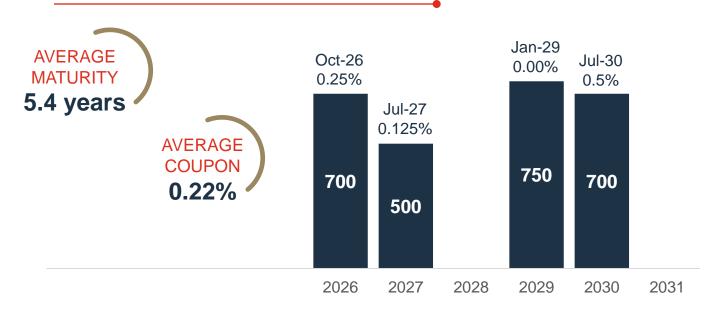
<sup>2. €1,750</sup> million Revolving Credit, extension at the lenders' discretion. This facility is undrawn at March 2023 closing. €2,500 million Revolving Credit, extension at the lenders' discretion. This RCF is a backstop to Neu CP programme.

# Net debt evolution (in € million)



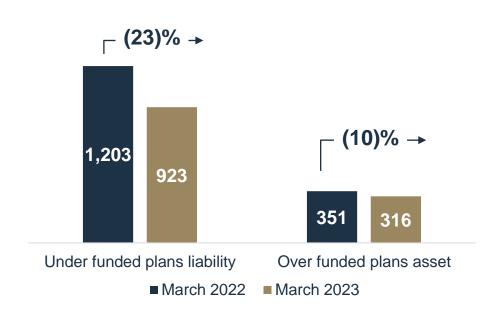
# Favorable long-term debt profile

### OUTSTANDING BONDS (IN € MILLION)



- No financial covenants and fixed coupons on all bonds
- Favorable maturity profile given the current market conditions
- Baa3 rating with stable outlook, with no impact on financial trajectory

### POSITIVE IMPACT OF INTEREST RATES

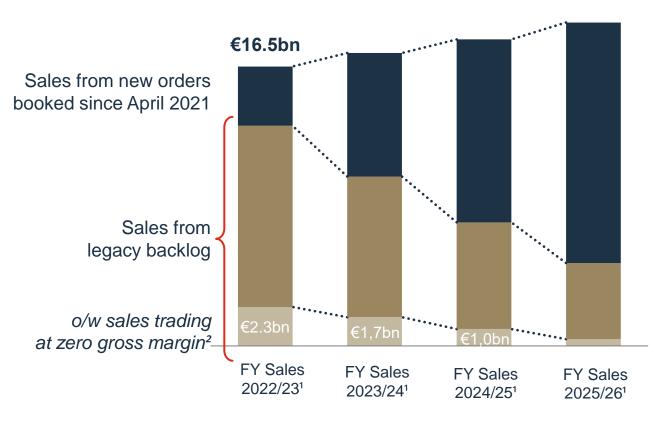


Net liability reducing from €852m to €607m





# Improved backlog quality consistent with mid-term guidance



### **Quality of order intake**

- Margin on new orders within 8% 10% aEBIT range
- Gross Margin in backlog on-track to progress at 50bps per annum

### **Gradual decrease of legacy backlog**

 Ramp-down of low-margin Rolling Stock contracts and expected progressive improvement of legacy backlog contribution

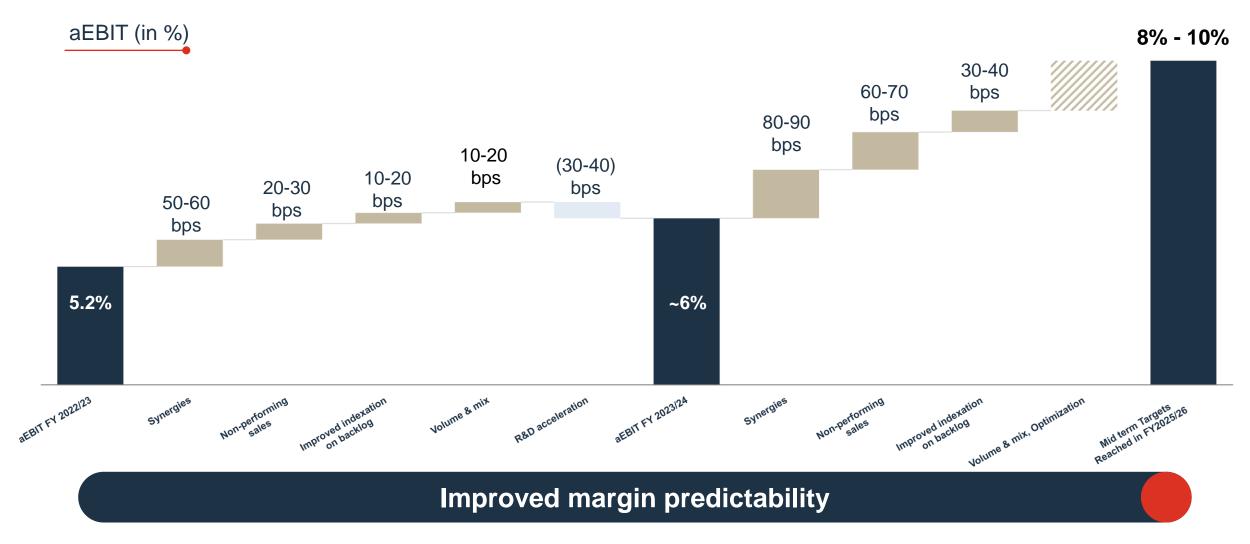
### Non-performing sales

Trajectory of reduction post FY 2023/24 confirmed

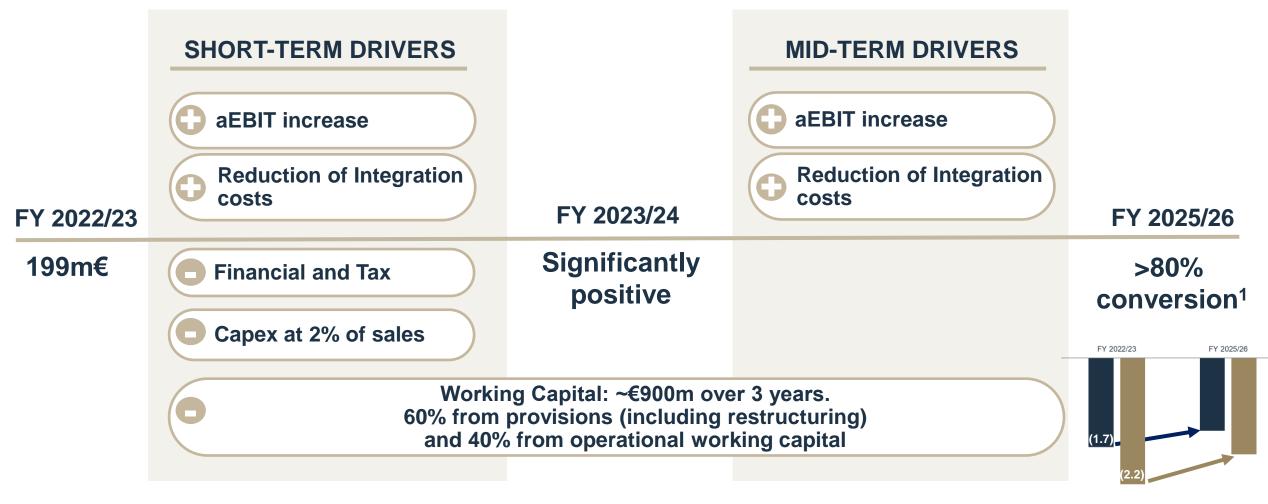
# Margin trajectory supported by improving backlog quality



# From improved sales mix to improved margin



# Cash trajectory – Momentum towards 80% conversion



■ WC w/o provisions¹ ■ Provisions¹



# A sound credit profile by Moody's

### **Baa3 rating outlook stable**

- Last rating action on 2023/05/10:
  - Long term rating Baa3
  - Short- term rating P-3
  - Stable outlook
- Main rating drivers:
  - aEBIT margin
  - Leverage reduction
  - FCF generation and capital structure

### **Moody's comments**

- About Alstom's business model: "...Alstom benefits from a defensive business model supported by favourable rail market fundamentals, good geographical and product diversification, a customer base of largely public entities and a record-high order backlog equivalent to five years of sales, which provides good revenue visibility. ..."
- About the rating position: " .. Alstom's strong commitment to an investment-grade rating with a track record of a conservative financial policy (...) also support the rating....."

## Alstom is committed to maintain an IG rating





# Composition of the Board of Directors



**Henri Poupart-Lafarge** Chairman of the Board and Chief Executive Officer



**Daniel Garcia Molina** Director representing the employees



**Baudouin Prot** Independent Director lacksquare



**Benoit Raillard** Observer



Yann Delabrière Lead Independent Director

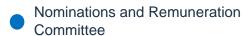


**Gilles Guilbon** Director representing the employees



**Sylvie Rucar** Independent Director







↑ Integration Committee



**Bi Yong Chungunco** Independent Director



Sylvie Kandé de Beaupuy Independent Director



Kim Thomassin Permanent representative of **CDPQ** 







**Jay Walder** Independent Director

Women\*: 50 %

Independence\*: 80 %

Foreign nationalities: 6

\* Excluding board members representing employees



**Clotilde Delbos** Independent Director



**Frank Mastiaux** Independent Director





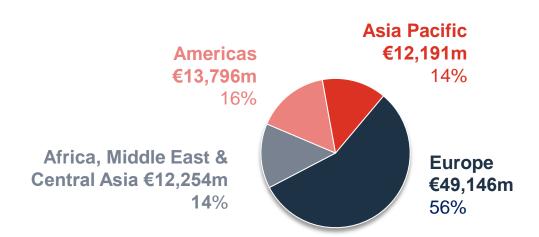


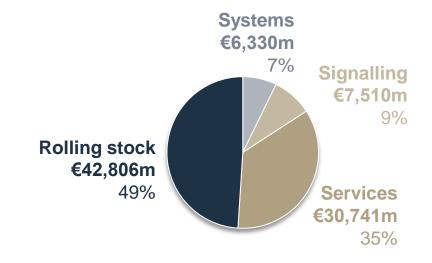


# FY 2022/23 backlog per regions and product lines

**Backlog breakdown per regions** (in € million)

**Backlog breakdown per product line** (in € million)



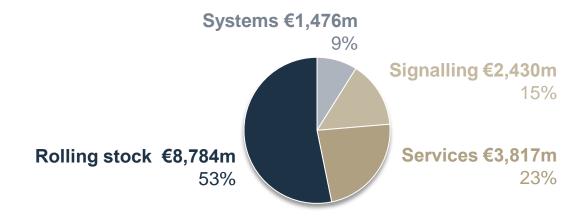


# FY 2022/23 Sales per regions and product lines

Sales breakdown per regions (in € million)

### Asia Pacific €2,378m 15% **Europe €9,936m** Americas €2,843m 60% 17% Africa, Middle East & Central Asia €1,350m 8%

### Sales breakdown per product line (in € million)

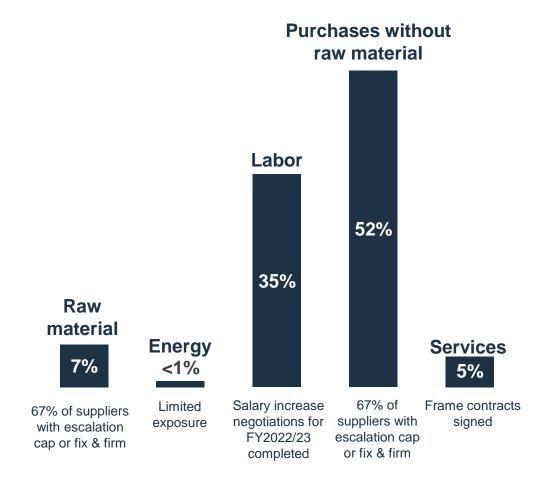


# Sales by currency

Currencies	FY 2022/23 as a % of sales
EUR	46.9%
USD	13.5%
GBP	12.0%
AUD	4.9%
INR	4.7%
ZAR	2.7%
SEK	2.6%
CAD	2.2%
SGD	1.4%
CHF	1.2%
MXN	1.2%
Currencies below 1% of sales	6.7%

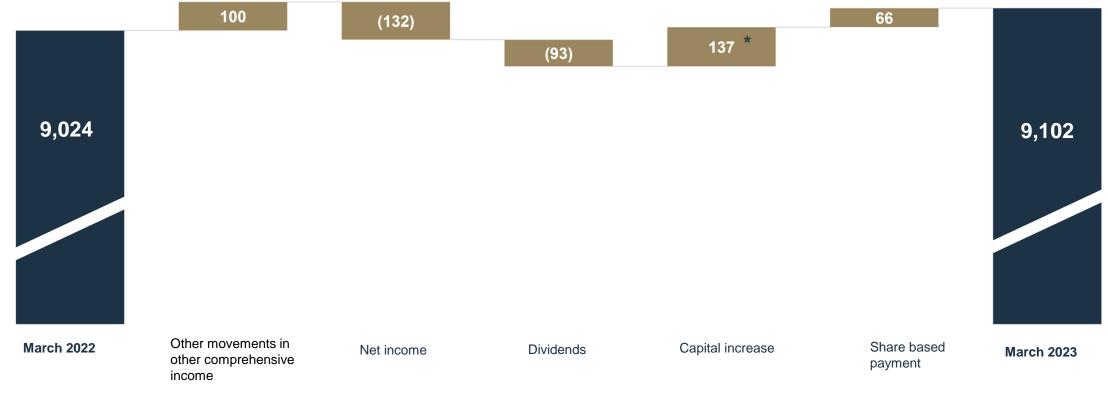
## Inflation parameters and mitigation actions

## COST STRUCTURE<sup>3</sup>





# Equity in € million



<sup>\*</sup>capital increase by issuance of new shares linked with scrip dividend



# Bridge consideration – From Entreprise Value to Equity Value

(in € million)		FY 2022/23
Total Gross debt, incl. lease obligations	(1)	3 579
Pensions liabilities net of prepaid and deferred tax asset related to pensions	(2)	582
Non controlling interest	(3)	105
Cash and cash equivalents	(4)	(826)
Other current financial assets	(4)	(65)
Other non-current financial assets	(5)	(56)
Net deferred tax liability / (asset)	(6)	(443)
Investments in associates & JVs, excluding Chinese JVs	(7)	(123)
Non-consolidated Investments	(8)	(82)
Bridge		2 671

- (1) Long-term and short-term debt and Leases (Note 27), excluding the lease to a London metro operator for €119m due to matching financial asset (Notes 15 and 27)
- (2) As per Note 29 net of €(25)m of deferred tax allocated to accruals for employees benefit costs (Note 8)
- (3) As per balance sheet
- (4) As per balance sheet
- (5) Other non-current assets: Loans to Non-consolidated Investments for €29m and deposit on a US loan for €27m (Notes 15 and 27)
- (6) Deferred Tax asset and Liabilities as per balance sheet net of €(25)m of deferred tax allocated to accruals for employees benefit costs (Note 8)
- (7) JVs to the extent they are not included in equity pickup / FCF, ie excluding Chinese JVs.
- (8) Non-consolidated investments as per balance sheet



# Bombardier Transportation PPA provisional amortisation plan

(in € million)	As per P&L Booking <sup>1</sup>
FY 2020/21	(71)
FY 2021/22	(428)
FY 2022/23	(436)
FY 2023/24	(368)
FY 2024/25	(373)
FY 2025/26	(264)
FY 2026/27	(213)
FY 2027/28	(203)
FY 2028/29	(166)
FY 2029/30	(138)
FY 2030/31	(107)
FY 2031/32	(96)
FY 2032/33	(95)
Beyond	(189)

Higher than previously forecasted due to impairments in Germany

 The Gross PPA amortisation plan will be subject to FX evolution in future years or subject to potential impairments

# Reconciliation between consolidated income statement and the MD&A management view as of 31 March 2023

(in € million)	Total		Adjustme	Adjustments		Total
	Consolidated Financial		(2)	(3)	(4)	Consolidated Financial Statements
	Statements (GAAP)	(1)				
						(MD&A view)
31 March 2023	(OAAI )					(FID dir FICH)
Sales	16,507					16,507
Cost of Sales	(14,541)	355		4		(14,182)
Adjusted Gross Margin before PPA & impairment (*)	1,966	355	-	4	-	2,325
R&D expenses	(580)	61				(519)
Selling expenses	(375)	-				(375)
Administrative expenses	(721)	-				(721)
Equity pick-up	-				142	142
Adjusted EBIT (*)	290	416	-	4	142	852
Other income / (expenses)	(369)		29	(4)		(344)
Equity pick-up (reversal)	-	-	-	-	(142)	(142)
EBIT / EBIT before PPA & impairment (*)	(79)	416	29	-	-	366
Financial income (expenses)	(103)					(103)
Pre-tax in come	(182)	416	29	-	-	263
Income tax Charge	(34)	(34)	(2)			(70)
Share in net income of equity-accounted investments	112	11				123
Net profit (loss) from continued operations	(104)	393	27	-	-	316
Net profit (loss) attributable to non controlling interests (-)	(24)					(24)
Net profit (loss) from continued operations (Group share) / Adjusted Net Profit (loss) (*)	(128)	393	27	-	-	292
Purchase Price Allocation (PPA) & impairment net of corresponding tax effect	-	(420)				(420)
Net profit (loss) from discontinued operations	(4)					(4)
Net profit (Group share)	(132)	(27)	27	-	_	(132)

## Adjustments as of 31 March 2023:

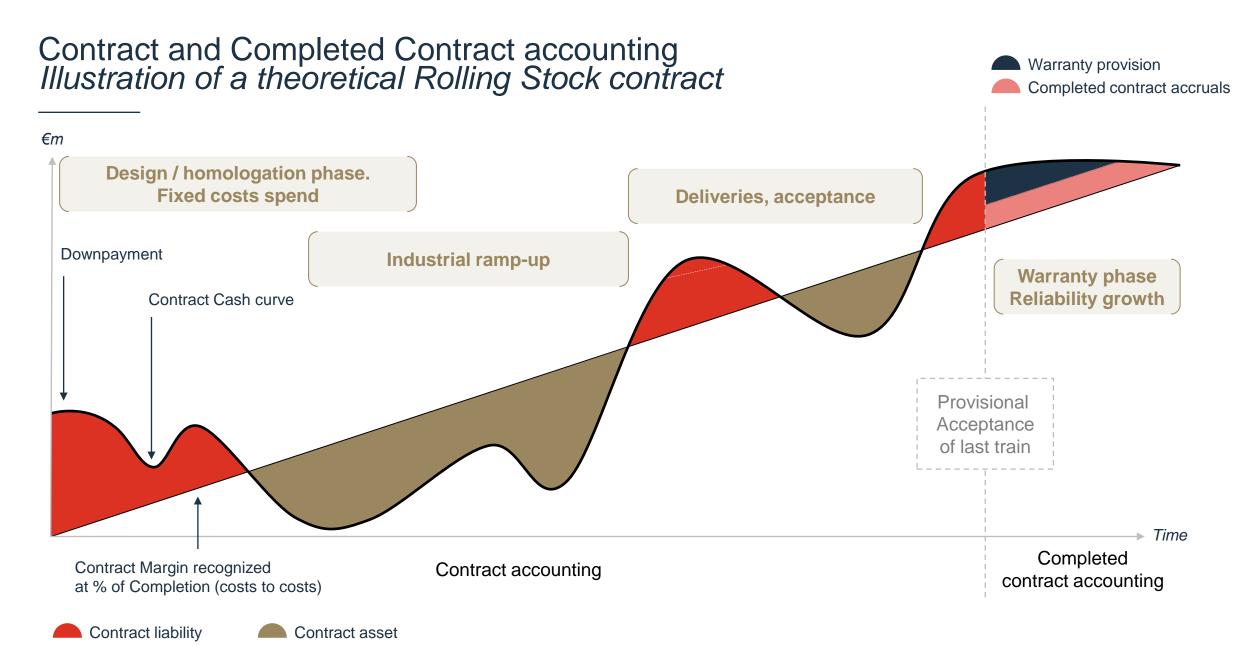
- Impact of business combinations: amortisation of assets exclusively valued when determining the purchase price allocation (PPA), including net income of equity accounted investments, and including corresponding tax effect;
- Impact of business combinations: impairment of assets exclusively valued when determining the purchase price allocation (PPA) linked to the restructuring plan in Germany (see Note 2.7 of the financial statements), including corresponding tax effect;
- Impact of Aptis closure: reclassification of operational results as non-recurring items following Alstom's announced and planned discontinuance of Aptis activities;
- 4. Reclassification of share in net income of the equityaccounted investments when these are considered to be part of operating activities of the Group

# Reconciliation between consolidated income statement and the MD&A management view as of 31 March 2022

(in € million)	Total		Adjustme	nts		Tota
	Consolidated					Consolidate
	Financial Statements (GAAP)	Statements (1)	(2)	(3)	(4)	Financial Statements (MD&A view)
					31 March 2022	
Sales	15,471					15,471
Cost of Sales	(13,746)	357	46	20		(13,323)
Adjusted Gross Margin before PPA & impairment (*)	1,725	357	46	20	-	2,148
R&D expenses	(604)	74				(530)
Selling expenses	(354)	-				(354
Administrative expenses	(642)	-				(642
Equity pick-up	-				145	145
Adjusted EBIT (*)	125	431	46	20	145	767
Other income / (expenses)	(281)		(46)	(20)		(347)
Equity pick-up (reversal)	-	-	-	-	(145)	(145)
EBIT / EBIT before PPA & impairment (*)	(156)	431	-	-	-	275
Financial income (expenses)	(25)					(25
Pre-tax income	(181)	431	-	-	-	250
Income tax Charge	(27)	(41)				(68
Share in net income of equity-accounted investments	(347)	13				(334
Net profit (loss) from continued operations	(555)	403	-	-	-	(152
Net profit (loss) attributable to non controlling interests (-)	(21)					(21
Net profit (loss) from continued operations (Group share) / Adjusted Net Profit (loss) (*)	(576)	403	-	-	-	(173
Purchase Price Allocation (PPA) net of corresponding tax effect	-	(403)				(403
Net profit (loss) from discontinued operations	(5)					(5
Net profit (Group share)	(581)					(581

## Adjustments as of 31 March 2022:

- Impact of business combinations: amortisation & impairment of assets exclusively valued when determining the purchase price allocation (PPA), including net income of equity accounted investments, and including corresponding tax effect;
- Impact of Aptis closure: reclassification of operational results as non-recurring items following Alstom's announced and planned discontinuance of Aptis activities;
- Reclassification of other operational costs to nonrecurring items – none for the fiscal year 2021/22;
- 4. Reclassification of share in net income of the equityaccounted investments when these are considered to be part of operating activities of the Group



## Contract accounting – P&L – Glossary

- Revenue and Contract Margin are recognized at the percentage of completion method based on Costs-to-Costs under IFRS15:
  - Percentage of completion (PoC) = Costs accumulated to date divided by Costs at completion
  - Cumulative sales to date = Selling Price at completion x PoC.
    - Period Sales = Cumulative Sales to date cumulative sales at end of last period.
  - Contract Margin (CM) to date = CM at completion x PoC.
    - **Period CM** = Cumulative CM to date cumulative CM at end of last period.
  - Selling Price (SP) and CM at completion are reviewed for each project at least twice a year:
    - Changes in SP and / or CM at completion are recognized in P&L immediately so that cumulative P&L and related working
      capital balances (see next slides) always reflect the latest project review estimates.
    - If CM at completion is negative,
      - Losses to date (= negative CM at completion x PoC) are recognized in P&L + (if any) reversal of previously recognized
        positive margin
      - A provision for contract loss is recognized for the losses to come (provision = Negative CM at completion Loss recognized to date)
      - At any further project review of a loss-making contract, the evolution of the loss (negative or positive) is immediately recognized in P&L, regardless the nature of the evolution (variation orders, operational improvements / degradations, penalties...)

# Contract and Completed contract accounting – Working Capital – Glossary

- Contract Liabilities are made of
  - **Down-payments received** (upfront payment received at inception to finance the contract)
  - **Deferred income on contracts**: when cumulative billing of the contract is exceeding cumulative trading (revenue recognized in the income statement) on Cost-to-Cost contracts.
- **Contract Assets** are mainly **Unbilled income on contracts:** when cumulative trading (revenue recognized in the income statement) of the contract is exceeding cumulative billing<sup>1</sup> on Cost-to-Cost (CtC) contracts.
- At any time, a contract is either in a **Net Contract Assets** or in a **Net Contract Liability** situation as seen in the illustrative chart.
- When a contract reaches **provisional acceptance of 100% of the quantity of trains as per the contract**, Sales and GM at completion are recognized at 100%, net contract liability is reclassed to **completed contract accruals** (within Other payables) representing activities to be completed after acceptance

<sup>1.</sup> Billing triggers reduction of contract asset and recognition of a Receivable.

# Other Working Capital items - Glossary

- **Inventories** are mainly **raw materials and semi-finished goods.** They are recognized when goods are received at the factory<sup>1</sup>. Inventories are transferred to Contract Assets / liabilities when they exit the warehouse and are entering the assembly line, then allocated to the contract accounting scheme
- **Current Provisions** —are mainly:
  - Warranty provisions (about 1/3 of total) provision created progressively at the delivery of each train. Mainly spare parts and warranty team at customer site.
  - Provisions for risks on contracts (about 2/3) include mainly provisions for contracts losses which are recognized when CM at completion becomes negative, corresponding to the portion of negative margin at completion still to be recognized through the P&L (see previous)
- Non-Current Provisions are mainly for litigations, tax and environmental risks and restructuring provisions

<sup>1.</sup> Goods receipt triggers recognition of an Accounts Payable.

## Other Working Capital items - Glossary

- Other current operating assets are mainly:
  - 40 to 50% represent B/S side of financial derivatives and hedged firm commitments not yet turned into a receivable
  - The remainder consists in
    - Taxes (VAT, CIT...)
    - Downpayment to suppliers
    - Prepaid expenses
    - Non-trade receivables
- Other current operating liabilities are mainly:
  - Other payable (about 1/3 of total) are mainly completed contract accruals, representative of goods to be delivered or services to be rendered after the 100% provisional acceptance milestone is reached. In particular, reliability growth activities.
  - Staff and assotiated liabilities (about 20% of total) mostly vacation accruals, social security payables...
  - Derivatives and hedged firm commitments / liability side (about 1/3 of total)
  - AP with extended payment terms: trade payables supported by the supply chain financing arrangement and exceeding regular payment terms
  - The remainder consists essentially in Taxes payable

# Appendix - Non-GAAP financial indicators definitions (1/2)

## This section presents financial indicators used by the Group that are not defined by accounting standard setters.

#### Orders received

A new order is recognised as an order received only when the contract creates enforceable obligations between the Group and its customer. When this condition is met, the order is recognised at the contract value. If the contract is denominated in a currency other than the functional currency of the reporting unit, the Group requires the immediate elimination of currency exposure using forward currency sales. Orders are then measured using the spot rate at inception of hedging instruments.

#### Book-to-Bill

The book-to-bill ratio is the ratio of orders received to the amount of sales traded for a specific period.

## Adjusted Gross Margin before PPA

Adjusted Gross Margin before PPA is a Key Performance Indicator to present the level of recurring operational performance. It represents the sales minus the cost of sales, adjusted to exclude the impact of amortisation of assets exclusively valued when determining the purchase price allocations ("PPA") in the context of business combination as well as non-recurring "one off" items that are not supposed to occur again in following years and are significant.

## Adjusted EBIT

Adjusted EBIT ("aEBIT") is the Key Performance Indicator to present the level of recurring operational performance. This indicator is also aligned with market practice and comparable to direct competitors.

Starting September 2019, Alstom has opted for the inclusion of the share in net income of the equity-accounted investments into the aEBIT when these are considered to be part of the operating activities of the Group (because there are significant operational flows and/or common project execution with these entities). This mainly includes Chinese joint-ventures, namely CASCO, Alstom Sifang (Qingdao) Transportation Ltd. Jiangsu ALSTOM NUG Propulsion System Co. Ltd. (former Bombardier NUG Propulsion) and Changchun Changke Alstom Railway Vehicles Company Ltd.

aEBIT corresponds to Earning Before Interests and Tax adjusted for the following elements:

- net restructuring expenses (including rationalisation costs);
- tangibles and intangibles impairment;
- capital gains or loss/revaluation on investments disposals or controls changes of an entity;
- any other non-recurring items, such as some costs incurred to realise business combinations and amortisation of an asset exclusively valued in the context of business combination, as well as litigation costs that have arisen outside the ordinary course of business;
- and including the share in net income of the operational equity-accounted investments.

A non-recurring item is a "one-off" exceptional item that is not supposed to occur again in following years and that is significant.

Adjusted EBIT margin corresponds to Adjusted EBIT expressed as a percentage of sales.

# Appendix - Non-GAAP financial indicators definitions (2/2)

#### **EBIT before PPA**

Following the Bombardier Transportation acquisition and with effect from the fiscal year 2021/22 condensed consolidated financial statements, Alstom decided to introduce the "EBIT before PPA" indicator aimed at restating its Earnings Before Interest and Taxes ("EBIT") to exclude the impact of amortisation of assets exclusively valued when determining the purchase price allocations ("PPA") in the context of business combination. This indicator is also aligned with market practice.

#### Adjusted net profit

The "Adjusted Net Profit" indicator aims at restating the Alstom's net profit from continued operations (Group share) to exclude the impact of amortisation & impairment of assets exclusively valued when determining the purchase price allocations ("PPA") in the context of business combination, net of the corresponding tax effect.

#### Free cash flow

Free Cash Flow is defined as net cash provided by operating activities less capital expenditures including capitalised development costs, net of proceeds from disposals of tangible and intangible assets. Free Cash Flow does not include any proceeds from disposals of activity.

The most directly comparable financial measure to Free Cash Flow calculated and presented in accordance with IFRS is net cash provided by operating activities.

### Net cash/(debt)

The net cash/(debt) is defined as cash and cash equivalents, marketable securities and other current financial asset, less borrowings

## **Organic basis**

This presentation includes performance indicators presented on an actual basis and on an organic basis. Figures given on an organic basis eliminate the impact of changes in scope of consolidation and changes resulting from the translation of the accounts into Euro following the variation of foreign currencies against the Euro.

The Group uses figures prepared on an organic basis both for internal analysis and for external communication, as it believes they provide means to analyse and explain variations from one period to another. However, these figures are not measurements of performance under IFRS.

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11 July 2023 **Shareholders' assembly** 

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