

Important notices

Today's presentations include forward-looking information and statements including statements concerning the outlook for our businesses.

These statements are based on current expectations, estimates and projections about the factors that may affect our future performance, including global economic conditions, and the economic conditions of the regions and industries that are major markets for ABB Ltd.

These expectations, estimates and projections are generally identifiable by statements containing words such as "expects," "believes," "estimates," "targets," "guidance", "plans," "outlook," "on track," "framework" or similar expressions.

There are numerous risks and uncertainties, many of which are beyond our control, that could cause our actual results to differ materially from the forward-looking information and statements made in this presentation and which could affect our ability to achieve any or all of our stated targets.

The important factors that could cause such differences include, among others:

- business risks associated with the volatile global economic environment and political conditions
- costs associated with compliance activities
- · market acceptance of new products and services
- changes in governmental regulations and currency exchange rates, and
- such other factors as may be discussed from time to time in ABB Ltd's filings with the US Securities and Exchange Commission, including its Annual Reports on Form 20-F.

Although ABB Ltd believes that its expectations reflected in any such forward-looking statement are based upon reasonable assumptions, it can give

no assurance that those expectations will be achieved.

This presentation contains non-GAAP measures of performance. Definitions of these measures and reconciliations between these measures and their US GAAP counterparts can be found in on our website at global.abb/group/en/investors



Achieved strong performance improvements through transformation period

Setting new standards

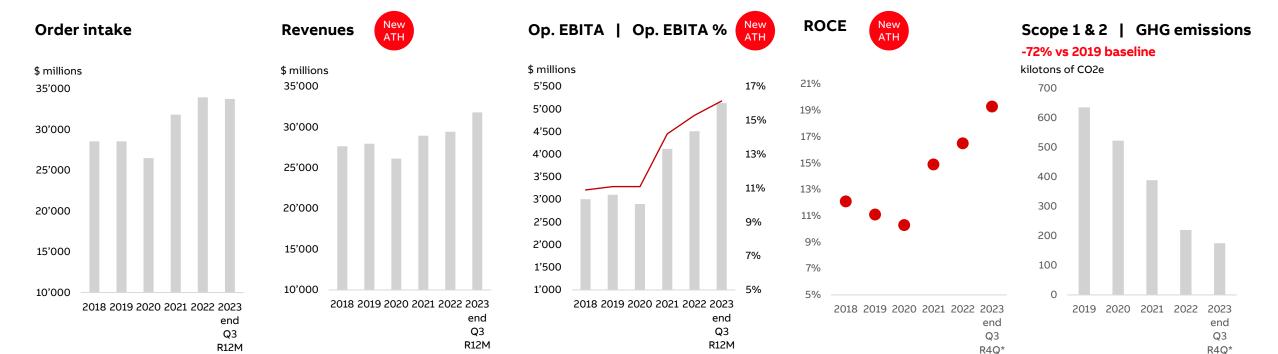
Reshaped the group to fit the ABB purpose

02

ABB Way operating model:

- Accountability, transparency and speed
- Stability and profitability before growth

Improved financial and sustainability performances



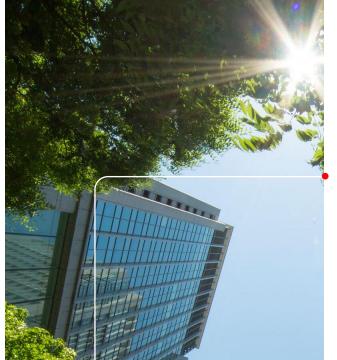
^{*} Non-GAAP measure not comparable, details in supplemental reconciliation ABB Capital Markets Day 2023



We have aligned the business portfolio to the ABB Purpose

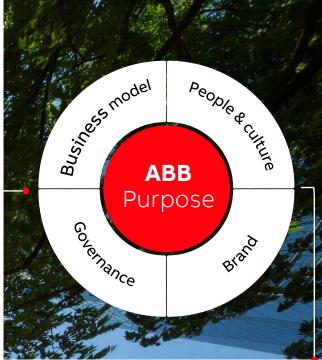
We enable a more sustainable and resource-efficient future with our technology leadership in electrification and automation





Implemented the ABB Way operating model

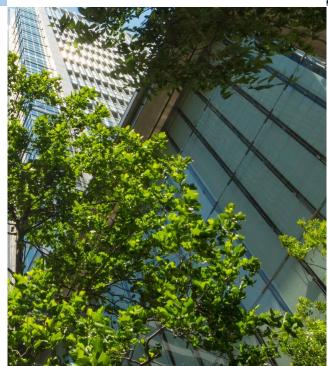
- Operating decisions in the divisions, close to customers Increased accountability, transparency and speed
- Performance culture
- Clarity on strategic mandate and target setting



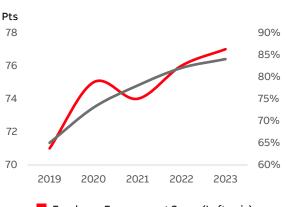
Exited ~\$1.8bn of revenues in three high performing divisions

- Mechanical Power Transmission, MO divestment
- Turbocharging (Accelleron), PA spin-off
- Power Conversion, EL divestment

Going forward, continuous pruning within divisions



Strong improvement in Employee Engagement Survey

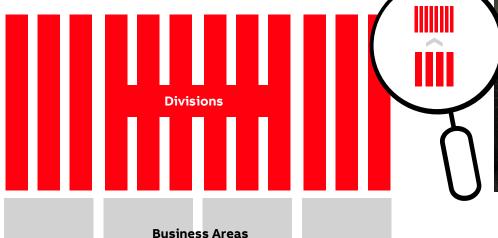


Employee Engagement Score (Left axis)Employee Response Rate (Right axis)

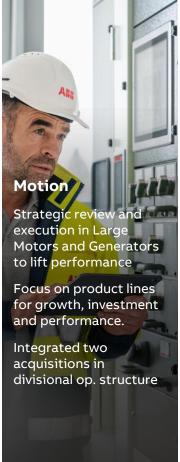
ABB Way operating model has been further cemented

Implemented additional actions to increase accountability, transparency and speed within the divisions

Corporate











Transferred M&A resources to divisions

Further embedding sustainability through the formal establishment of BA/Corporate Sustainability Council

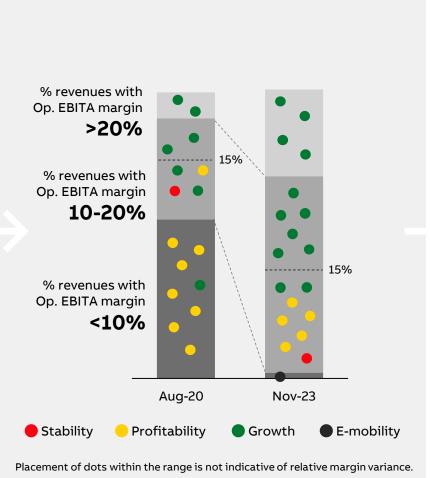
ABB Corporate



Improved profitability and transition towards growth

Transition through ABB Way operating model





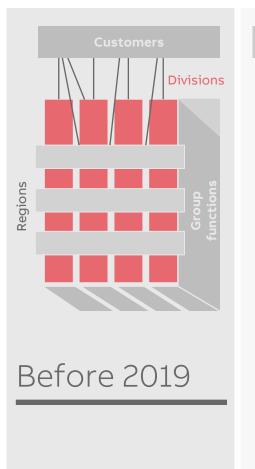


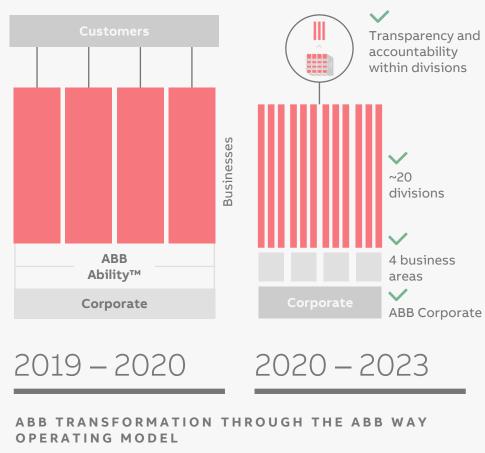


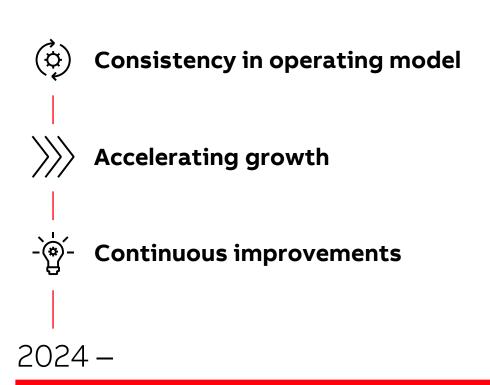
Both columns exclude exited Turbocharging, Mechanical Power Transmission and Power Conversion divisions. Construct of divisions may have changed due to governance under the ABB Way operating model.

Coming out of transformation phase

The best is yet to come









We have cemented the ABB way in the organisation. We see our leaders acting with higher accountability and speed in decision making.



Bjorn Rosengren



Consistency in operating model

ABB Way

Staying true to the ABB way gives stability in ways of working to the entire organisation. It will support profitability as we further drive quality of revenues.



Timo Ihamuotila

The Board of Directors is fully behind maintaining consistency in the ABB Way operating model. It drives strong shareholder value creation.

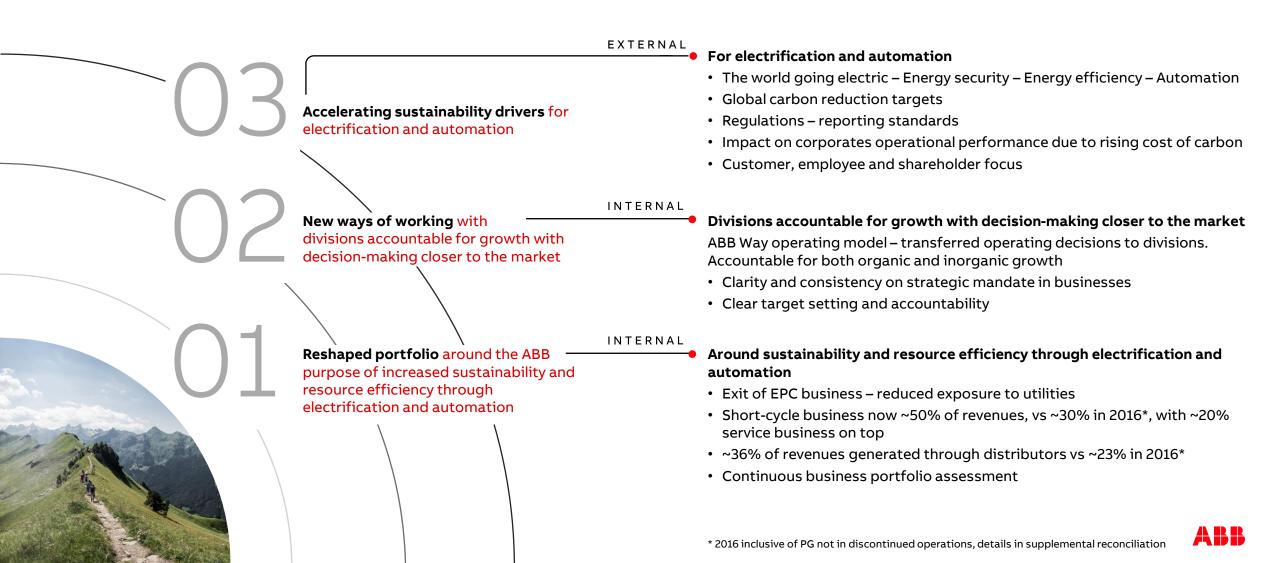


Peter Voser
CHAIRMAN OF BOARD



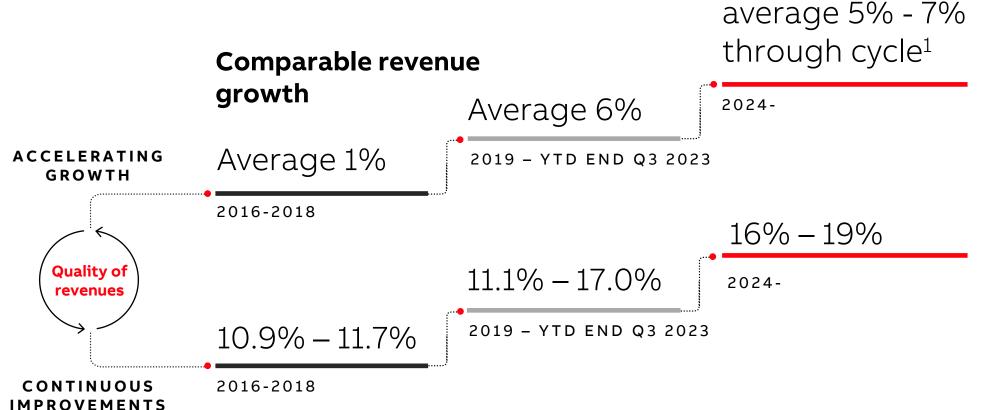
Accelerating growth

Both internal and external drivers



Increasing ambitions and continuous improvements for growth and margin





setting new standards

Operational EBITA margin

As reported, i.e., business portfolio is not comparable over the historical periods 1. Excluding FX impacts, acquisitions and divestments ABB Capital Markets Day 2023

Corporates navigating challenges and opportunities from global tension such as...

Strained value chain

including for...



commodities



freight

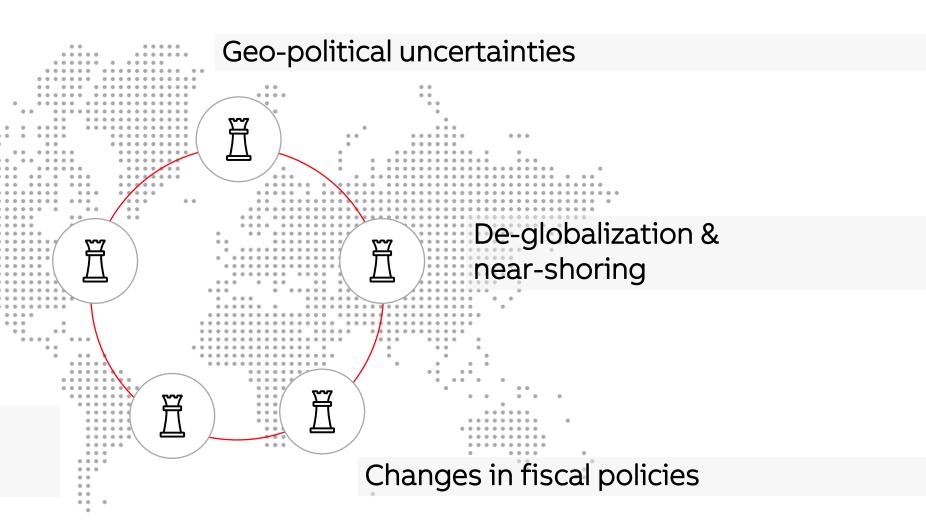


components



people

Energy crisis & energy independence



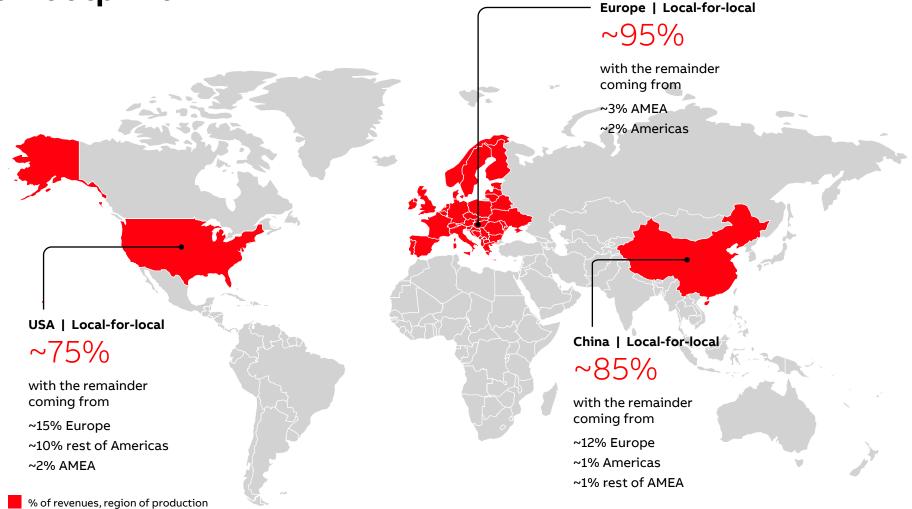


Operational performance supported by strong local-for-local footprint

Close to customers -

ABB has a long tradition of local-for-local manufacturing

Europe, USA and China represent ~75% of Group revenues

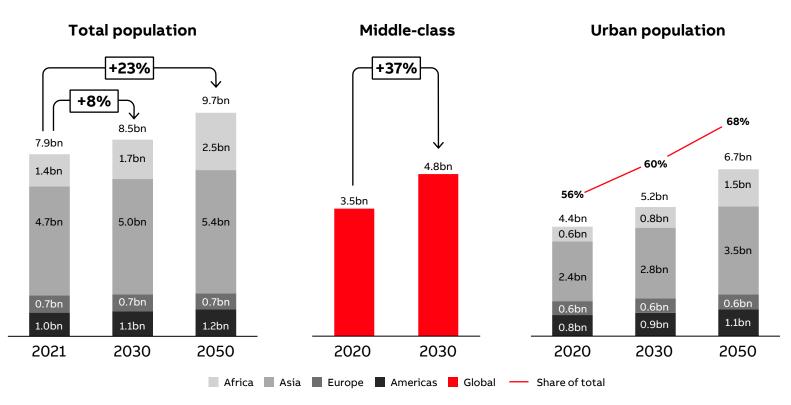




Well positioned in a changing world

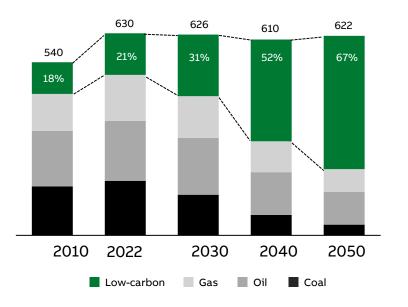
Growing population with rising expectations of higher standard of living...

...while the global agenda targets carbon footprint reduction



Global energy supply, exajoules

(IEA Announced Pledges Scenario (middle-of-road scenario, 2.1° warming¹)





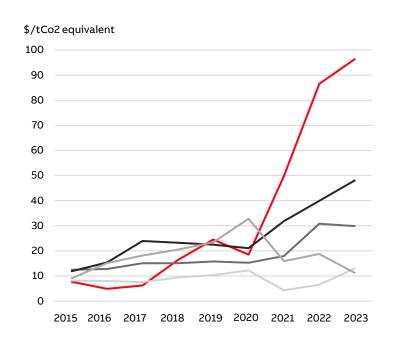
Rising cost of carbon

puts spotlight on low carbon solutions

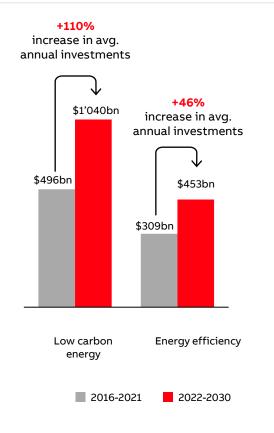
Carbon pricing is spreading globally and already covering several large economies



Rising cost of carbon



Strong growth in annual investments in low carbon energy supply and energy efficiency



Carbon market/tax implemented

Carbon market/tax on sub-national level

Carbon market/tax considered

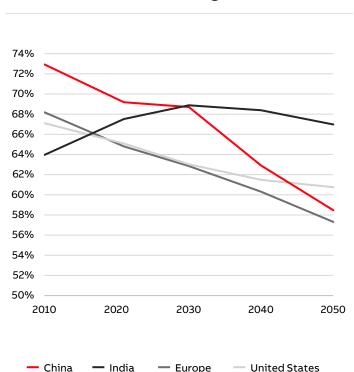




Automation needed to remain able and efficient

Labor force is shrinking and increasingly expensive

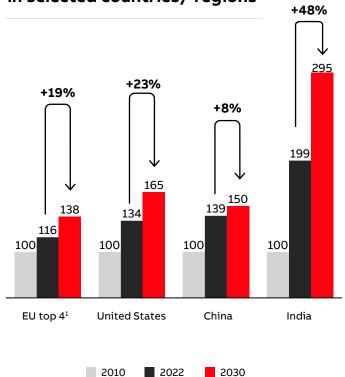
Share of working age population (15-64) in selected countries/ regions



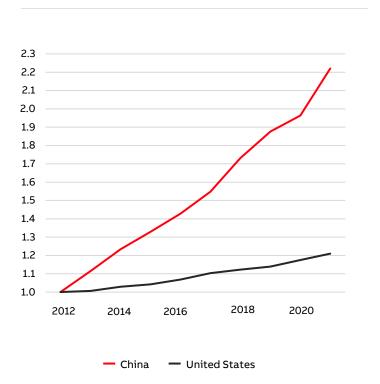
— Europe

India

Unit labor cost index (LCU, 2010 = 100) in selected countries/ regions



Cost of manufacturing labor (2012-2021, indexed to 2012)





Future proof

ABB purpose and customer offering aligned with secular trends

More electricity

Electricity demand growing >10x faster than other energy sources in 2022-2030, resulting in ~50% higher average annual investment into electricity networks in 2023 - 2030 $(vs 2016 - 2022)^1$

Higher energy-efficiency

~45% of the world's electricity is converted into motion by electric motors yet only ~23% of the world's electric motors are optimized through the control of drives

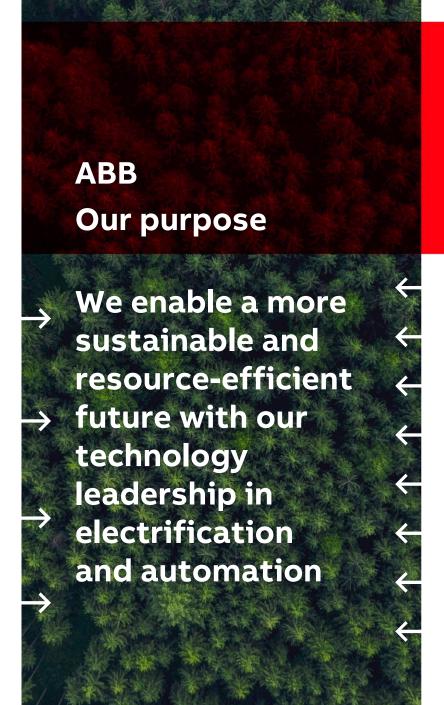
New energy sources

Share of low-carbon sources in global energy mix to increase +50% - points from ~20% today to ~70% in 20501

Shrinking labor force

Global number of working age people (15 to 64 years) per retiree (65 years or over) to fall by ~20% over next 10 years²

1. IEA World Energy Outlook 2023, Announced Pledges Scenario 2. United Nations World Population Prospects 2022 ABB Capital Markets Day 2023



Our offering supports customers to:

Reduce waste and increase circularity

Reduce carbon intensity

Increase labor productivity

Increase energy efficiency

Increase flexibility

Reduce footprint

Reduce downtime

Increase safety and improve working environment



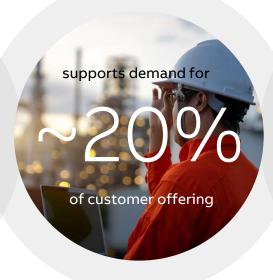
Secular trends support growth

Businesses exposed to several secular trends

Electrification - the world going electric

supports demand for 5000 of customer offering

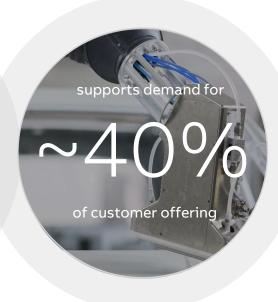
Energy security



Emission reduction, energy efficiency



Automation



Visual for relative BA exposure

EL +++ PA ++ MO + RA +

EL ++ PA ++ MO +

MO +++ PA ++ EL ++

RA +++ PA +++ MO + EL +



Structural support for our market leading offering in medium voltage



Structural support to demand

Energy security – Energy transition – Low carbon – Data processing power



Improved profitability

Recent successful profitability actions, so less of an adverse mix impact from medium voltage business

YTD 2023 Op. EBITA margin of ~15%

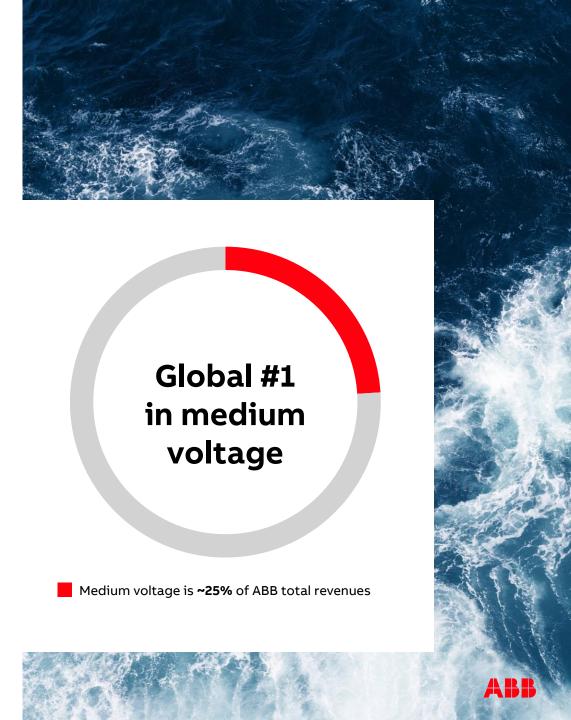


Key exposures in:

Electrification: Distribution Solutions | Installation Products | Service

Process Automation: Energy Industries | Process Industries | Marine & Ports

Motion: Large Motors & Gen. | System Drives | Service



Medium voltage demand drivers

energy security – energy transition

45,000 miles of US electrical cabling is expected to be put underground by 2040 in order to secure power supply.

Drives demand for ABB Electrification underground switchgear + electrical accessories.

Electric drivetrains instead of gas and steam turbines in process industries.

Drives demand for ABB Motion highpower motors and drives. LNG projects in US and multiple other locations. Drives demand for ABB Process Automation electrification, control and power management systems.

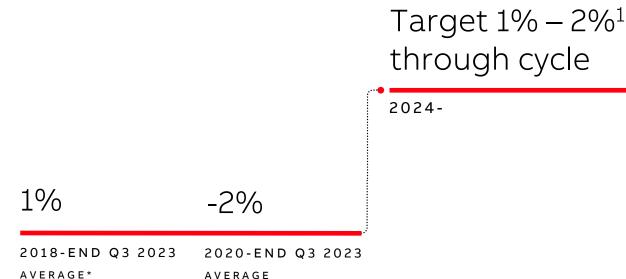






Higher ambitions for inorganic growth as coming out of transformation period

Pace and size driven by divisions



Target is net of acquisitions and divestments

M&A resources now fully transferred to divisions

Solid balance sheet supports acquired growth

New Segments

Complement offering for high growth segments

Market Access

New geographic market opportunities

Economic of Scale

Market consolidation

Product Whitespace

Filling a technology gap



small to mid-size boltons per year



^{*2018 - 2023} excl. discontinued operations.

 $^{1. \ \, \}text{Excl. transformational divestments of full Division or larger than 3\% of Group revenues}$

Targeting 5-10 acquisitions per year

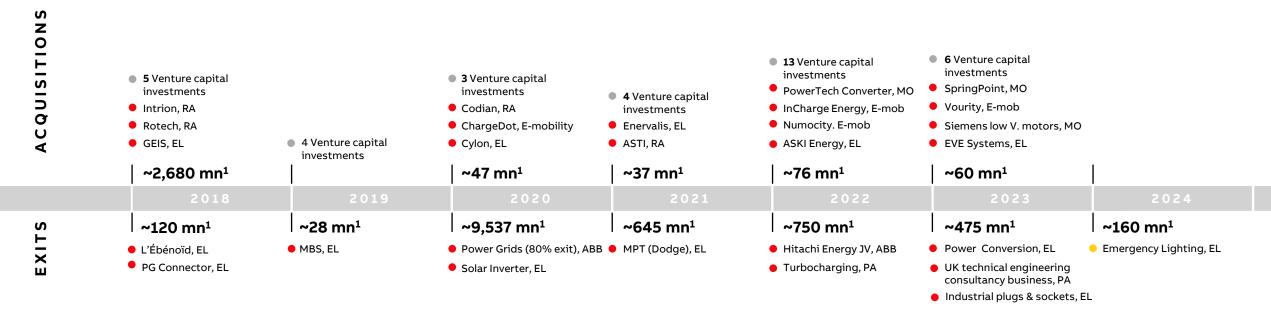
Small to mid-size bolt-ons

Pace of deals to pick up; so far small in size

Scope for exits should shrink beyond 2024

High activity in venture capital investments; extension of R&D

- Majority ownership
- Minority investment
- Majority ownership, to be completed



^{1.} Revenues of deals with majority ownership, USD million, estimated revenues for the last fiscal year prior to the announcement of the respective acquisition/divestment ABB Capital Markets Day 2023



Setting new standards Upgraded financial targets

UPGRADE

Growth through economic cycle

Comparable

5%-7% average

Excluding FX impacts, acquisitions and divestments

Acquired

1%-2% average¹

Target is the net of acquisitions and divestments

 Excl. transformational divestments of full Division or larger than 3% of Group revenues UPGRADE

Op. EBITA % annual

16%-19%

UPGRADE

EPS growth through economic cycle

At least high single-digit %

Basic EPS

UPGRADE

ROCE annual

>18%

Excl. transformational acquisitions of full Division or deals larger than 3% of Group revenues

UNCHANGED

FCF conversion to net income annual

~100%

Dividend policy unchanged at rising sustainable dividend per share over time

We've reinforced and accelerated our sustainability agenda

Aligned with recognized international frameworks

Upgraded



Net-Zero targets

- Scopes 1, 2 & 3
- 2030 & 2050



600Mt avoided CO₂e emissions ambition

- Aligned with WBCSD 2023 guidance
- By 2030

We enable a low-carbon society

- Reduce emissions in own operations by 80% and achieve carbon neutrality (with offsets)
- Support our customers in reducing annual CO₂ emissions by >100 Mt¹
- 50% reduction in emissions of tier-one suppliers (70% of procurement spending)

We preserve resources

- 80% of ABB products & solutions covered by circularity approach
- Zero waste to landfill from own operations wherever possible

We promote social progress

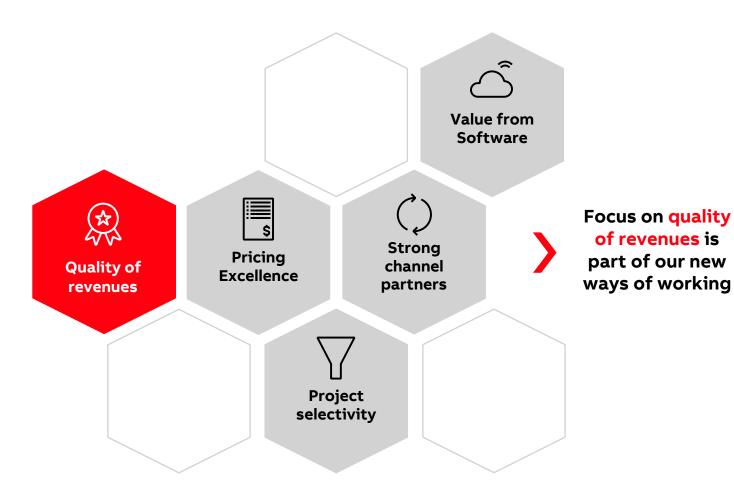
- Zero harm to our people and contractors
- 25% women in senior management roles
- Top-tier employee engagement score in our industry
- Impactful support for community-building initiatives

ABB Way

Sustainability embedded throughout the business

Board of Directors | Executive Committee | Sustainability Council | Division-level implementation

Next step on the journey of quality of revenues



Op. EBITA % annual

16%-19%

ROCE

annual

>18%

Excluding transformational deals1

FCF conversion to net income annual

~100%

EPS growth

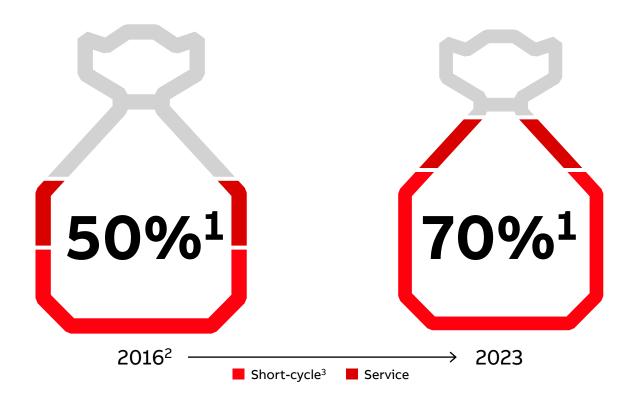
Basic, through economic cycle

At least high single-digit



Strong channel partners

Increased share of short-cycle business



Higher profitability and lower earnings risk

Better operating margin

- Short-cycle Op. EBITA ~1304 bps higher than ABB group on average
- Higher degree of standardization
- Less tail risks

Reshaped portfolio

- No more EPC projects
- Exit of automotive system business
- Increasing share of sales through distributor

Further solidifying strong channel partners

- Digital tools for right product selection, ordering, installation and service
- Inventory management and on time delivery
- Continuous feedback loop
- EcoSolutions labelling for sustainability transparency
 - Lead to better quality short cycle business



^{2.} Non-GAAP measure. Shows as Power Grids in continuing operations – See supplemental reconciliations 3. Orders (excl. service) converting to revenues within three to six months

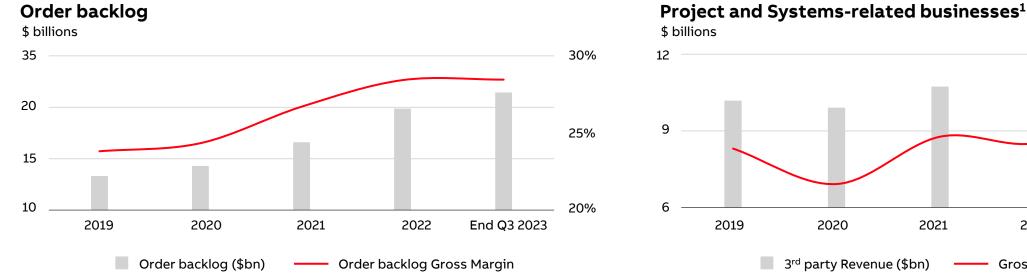
^{4.} average quarterly difference from 2019 to end of Q3 2023

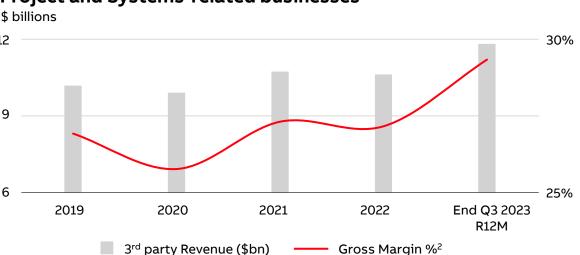
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Project selectivity

De-risking order backlog & improving profitability







- Project and System related businesses defined as sum of the Distribution Solutions, Service Electrification, System Drives, Service Motion, Large Motors & Generators, Energy Industries, Process Industries, and Marine and Ports divisions
- Management estimate



Pricing excellence



Pricing officer in each division implementing clear price strategy

2020-2023

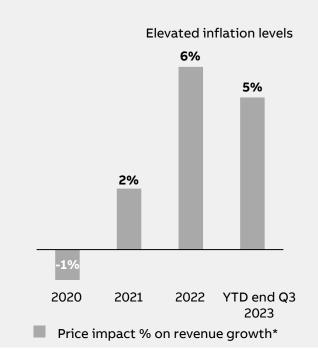
Continuous monitoring

Ensure pricing actions have desired outcome; e.g., price more than offset inflation in 2022 and YTD end Q3 2023

Improved data analysis and transparency through ABB Way Finance Transformation

Investing to align systems and tools to the ABB Way operating model

2024-

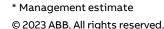




Price discussions with customers returning to be based on value creation; normalizing after period of high inflation and tight supply chain



Improving tools for further improved price management





Value from software

Embedded in products to create customer value

Strategic priorities

- 1. Increase the digital content in our products to support gross margin and industry leadership in technology
- 2. Embedded software enables differentiation
- **3. Continue to develop** Industrial Software and Digital services organically and make bolt-on acquisitions:
 - Invest to create synergies with our offering
 - Return on investment
 - Growth

Attiation and Provided Provide software or c Services ~15% of orders

~60%¹ of R&D employees focused on digital

Capital efficiency and productivity



Op. EBITA % annual

16%-19%

ROCE annual

annuai

>18%

Excluding transformational deals¹

FCF conversion to net income

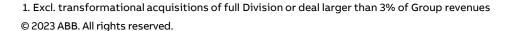
annual

~100%

EPS growth

Basic, through economic cycle

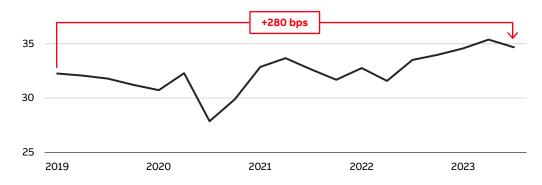
At least high single-digit





Gross profit productivity

Revenues, gross margin



Revenue productivity

2020 - 2022

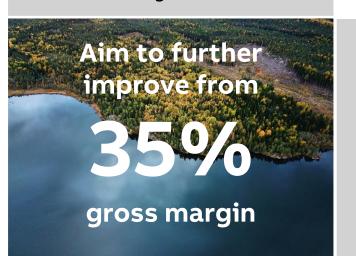


Gross profit productivity

2023 -

01

Full **accountability** of the P&L at the division level facilitates higher **speed** in decision making including for further manufacturing excellence



+ 51

02

Investing in systems and tools for further transparency and analysis of variable cost items

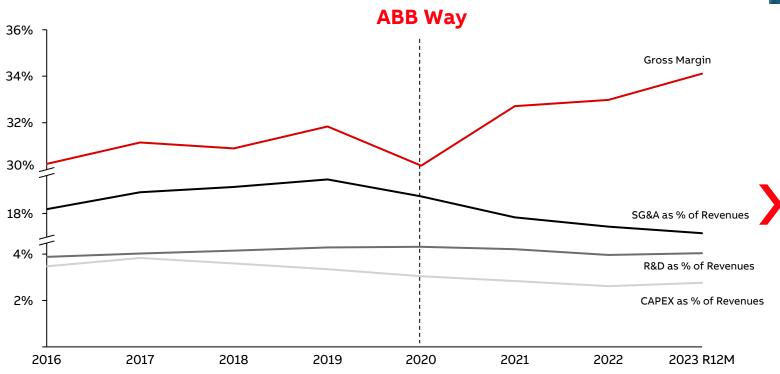
03

Changed construct of productivity KPI to gross profit/FTE (from revenues)

Target: 3-5% p.a.



Capital efficiency make ABB better than before







Rising gross margin



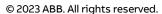
Stringent G&A control



Prioritize division led R&D investments and capex

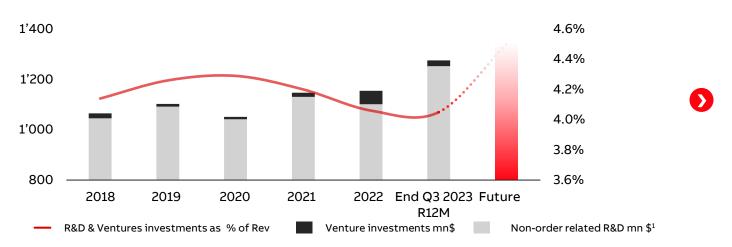


Optimizing production capacity and footprint



Continued focus on Research & Development Moving towards 5%



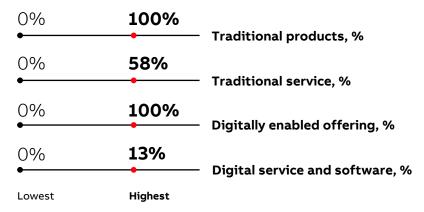


^{1.} Non-order related R&D excluding completed divisional exits 2. End Q3 2023 R12M 3. Management estimates for 2022 orders © 2023 ABB. All rights reserved.

Different investment needs across divisions²...

1.0%	11.8%	Non-order rel. R&D/revenues, %
3.8%	17.4%	
•	•	- Sales expenses/revenues, %
0.7%	4.7%	- Canay /rayanyag 0/
Lowest	Highest	- Capex/revenues, %

...as the offerings are different³





Improving performance

Operational EBITA margin

10.9% - 11.7%

Below 100bps

Op. EBITA and

EBITA margin

as from 2025

variance between

2016-2018

16% - 19%

2024-

2019 - YTD END Q3 2023

11.1% - 17.0%

EPS growth

At least high single digit growth through cycle

Variance between Op. EBITA and EBITA

2018-2022

470bps Avg.

2023 -2024

~130bps

Onwards

<100bps

BELOW THE LINE

ABB Way transformation, ~145 mn in 2024, and ~70 mn in 2025

Normal run-rate of restructurings

MID-TERM

01

Remaining project exposures, unchanged at maximum 100 mn

Review policy of what goes below Op. EBITA to potentially further shrink gap between Op. EBITA and EBITA

03 ADDITIONAL CHANGES

Sustainability reporting transferred to finance team to align focus and ways of working

Superior capital returns

SYSTEMATIC CAPITAL ALLOCATION BY CORPORATE

INVESTMENT DECISIONS TAKEN IN DIVISIONS

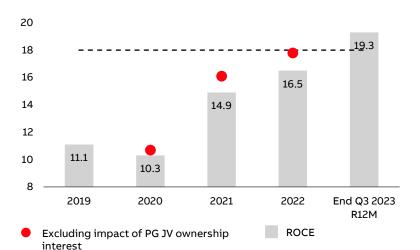
SUPERIOR VALUE CREATION

ROCE, annual

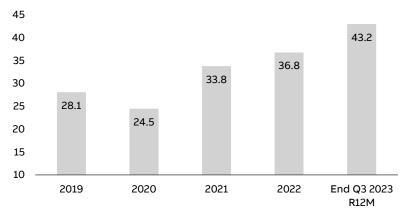
>18%

Excl. transformational acquisitions of full Business Area or Division or larger than 3% of Group revenues

ROCE



ROCE on operating assets





So far, ROCE increase driven by margin improvement...

...going forward, increased focus on return on capital, incl. in incentives



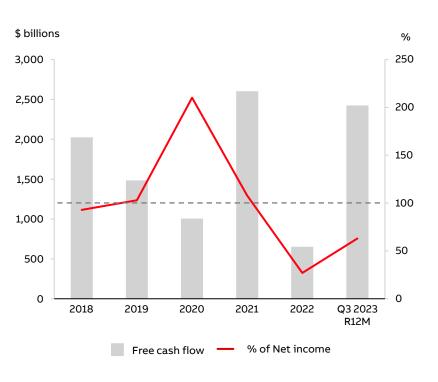
Goodwill now carried by the acquiring division

--- Target range >18%

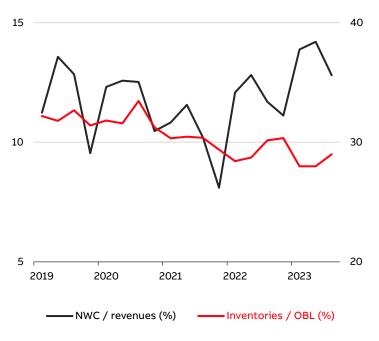


Cash in focus

Improving FCF track record



Deploying NWC for revenue growth



Cash drivers

- Improved profitability from businesses with profitability mandate
- Profitable growth from businesses with growth mandate
- Strong focus on cash conversion and net working capital
- Fewer non-recurring items
- Steady capex profile



~100% FCF conversion to net income

Capital allocation principles remain unchanged

Maintain strong investment grade

