Q4 2021 results
Strong demand, increased earnings and margin support a robust cash flow
Important notices

This presentation includes 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,” “plans,” “outlook,” “on track,” “framework” or similar expressions.

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- 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 the “Supplemental Reconciliations and Definitions” section of the “Financial Information” booklet found under “Q4 2021” on our website at global.abb/group/en/investors/results-and-reports/2021.
Strong progress towards 2023 margin ambition

2021 highlights

- Mechanical Power Transmission (Dodge) divestment completed for $2.9 bn in cash
- Turbocharging and E-mobility processes expected to be completed during H1 2022
- Acquisition of ASTI to expand in Autonomous Mobile Robots
- Improved portfolio management process to build up acquisition pipelines in the divisions

- Very strong uplift in cash generation
- Net cash positive at the end of 2021
- Accelerated R&D investments in focus areas
- Proposed 2021 DPS of CHF 0.82
- Returned $2.7 bn of PG proceeds during 2021

ORDERs
$31.9 bn
+17%\textsuperscript{1}

REVENUES
$28.9 bn
+8%\textsuperscript{1}

Op. EBITA
$4.1 bn
+37%\textsuperscript{2}

Op. EBITA %
14.2%
+310 bps

Basic EPS
$2.27
-7%\textsuperscript{3}

CASH FLOW from operating activities\textsuperscript{4}
$3,338 mn
+78%

1. YoY comparable. 2. YoY constant currency. 3. EPS growth rate impacted by Power Grids and Mechanical Power Transmission related book gains; EPS growth rates are computed using unrounded amounts.
4. Continuing operations only.
Strong demand and revenues
Q4 2021 results

Notable orders developments
(comparable % YoY, unless otherwise indicated)

**Short-cycle**
Steep growth across most businesses

**Service**
Orders +16% and revenues +10%

**Discrete**
Strong in machine building, F&B and general industries overall; automotive increased due to accelerating EV investments

**Process**
Improvement across most of the customer segments

**Transport & infrastructure**
Very strong in renewables and e-mobility; improvement in buildings; continued recovery in marine including cruise

Very high order backlog of $16.6 bn vs. $14.3 bn at the end of 2020

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1. YoY comparable. Note: $ millions reported orders and revenues are impacted by foreign exchange and changes in the business portfolio.
Strong Europe and Americas; AMEA impacted by high comp
Q4 2021 regional, country orders

AMERICA
USA
Steep growth in all BAs
Canada
+29%
Mexico
+69%

EUROPE
Germany
Steep growth in MO, PA and RA;
very strong growth in EL
Italy
+34%
Finland
+36%

AMEA
China
Steep growth in MO, PA and RA;
decline in EL
India
+57%
South Korea
-76%

All data presented on a YoY comparable basis; all growth comments refer to comparable growth trends. Performance highlighted for largest 3 countries in $ mn terms in each region. EL = Electrification, MO = Motion, PA = Process Automation, RA = Robotics & Discrete Automation. LO = Large orders.
Q4 profitability improvement driven by PA and RA

Profitability drivers (comparable % YoY, unless otherwise indicated)

- **Gross margin**: +180 bps, driven by strong improvement in PA; lower project charges
- **SG&A expenses**: +9%\(^1\)
  - SG&A expense in % of revenues increasing from 17.7% to 17.9%
- **R&D expenses**: -3%\(^1\), full-year up +4%\(^1\)
- **Corporate and Other Operational EBITA**: -$108 mn, $36 mn lower YoY, primarily due to the reduction of losses incurred in non-core businesses
  - Ongoing corporate costs run-rate largely at $300 mn

Cash flow

- **Basic EPS**: $1.34, +$1.38

1. Constant currency.

### Operational EBITA margin +160 bps

<table>
<thead>
<tr>
<th></th>
<th>Q4 20</th>
<th>Q4 21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Op. EBITA margin (%)</td>
<td>11.5%</td>
<td>13.1%</td>
</tr>
</tbody>
</table>

Incl. following impacts within period:

- **Non-core**: -35 bps, 0 bps
- **Kusile**: -45 bps, n.a.
- **-80 bps**, 0 bps
**Orders $3,638 mn**

Positive development in all customer segments, particularly good momentum in buildings, F&B, infrastructure, renewables and e-mobility.

Americas and Europe very strong, stable in AMEA, including -6% decline in China on high comparable.

Backlog $5.5 bn (prior Q-end $5.2 bn)

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**Revenues $3,445 mn**

Strong pricing execution as volumes were hampered by supply chain disruptions including component shortages and tight labor market; challenges expected to persist near-term.

All regions noted stable to positive growth.

Book-to-bill 1.06x

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**Operational EBITA $507 mn, -3% YoY**

Margin -80 bps YoY

Margin was positively impacted by price development and efficiency gains.

This was, however, more than offset by impact from component shortages and higher input costs particularly in the Distribution Solutions division.
Strong demand across all divisions

**Q4 2021 Motion**

**Orders $1,843 mn**

Strong demand across the board with double-digit growth in short- and long-cycle business as well as service.

Very strong growth in Europe and Americas outpaced high-single-digit improvement in AMEA including slight growth in China.

Backlog $3.7 bn (prior Q-end $3.7 bn)

**Revenues $1,735 mn**

Most divisions saw revenues growing year-on-year.

Focused efforts to ease the impact from component shortages starting to pay off in some areas.

Book-to-bill 1.06x

**Operational EBITA $278 mn, -2% YoY**

Margin -70 bps YoY; approximately -50 bps impact from Dodge divestment.

Slight pressure due to increased material and freight costs and divisional mix, offsetting positive volume and efficiency measures.

Dodge divestment completed for $2.9 bn in cash, generating non-operational gain of $2.2 bn included in income from operations.
Strong profitability improvement
Q4 2021 Process Automation

Orders $1,898 mn
Strong demand across most segments, including positive investment momentum in oil & gas
Positive market development in all regions, AMEA order growth impacted by very high large orders comparable
Backlog $6.1 bn (prior Q-end $6.0 bn)

Revenues $1,805 mn
Strong revenues generation including double-digit growth in services
Still limited impact of component shortages and customer acceptance delays; impacts expected to increase in the coming quarter
Book-to-bill 1.05x

Operational EBITA $247 mn, +140% YoY
Margin +690 bps YoY; approximately +270 bps impact from Kusile project and India legacy projects in Q4 20
Profitability improvement driven by volume and continued benefit from initiated cost measures, slightly offset by mix
New president for Turbocharging division appointed
Profitability improvement despite flat revenues
Q4 2021 Robotics & Discrete Automation

Orders $1,100 mn
Broad-based strength in all customer segments
Auto benefitting from investments in EV, especially in China; continued stellar growth in general industry, supporting future profitability; machine builders very strong, despite extended delivery times
Backlog $1.9 bn (prior Q-end $1.6 bn)

Revenues $799 mn
Component shortages slowed pace of customer deliveries in both divisions
Supply constraints primarily related to semis, but increasing impact due to a tight labor market; impacts expected to remain tangible in the coming quarter
Book-to-bill 1.38x

Operational EBITA $64 mn, +8% YoY
Margin +80 bps YoY, despite lack of revenue growth
Increased efficiency and favorable mix more than offset adverse impacts from increased freight and input costs
Growth in Robotics offset the decline in Machine Automation where supply chain disruptions were more tangible
### Revenues and Operational EBITA bridge

<table>
<thead>
<tr>
<th></th>
<th>Q4 2020</th>
<th>Δ Comparable (core)</th>
<th>Δ Non-core business</th>
<th>Δ Acquisitions/divestments</th>
<th>Δ FX</th>
<th>Q4 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenues</td>
<td>7,182</td>
<td>531</td>
<td>5</td>
<td>-65</td>
<td>-86</td>
<td>7,567</td>
</tr>
<tr>
<td>Operational EBITA</td>
<td>825</td>
<td>161</td>
<td>23</td>
<td>-17</td>
<td>-4</td>
<td>988</td>
</tr>
<tr>
<td>Op. EBITA margin (%)</td>
<td>11.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13.1</td>
</tr>
<tr>
<td>Margin accretion/dilution (%)</td>
<td>+1.3(^1)</td>
<td>+0.3</td>
<td>-0.1</td>
<td>+0.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Incl. 45 bps margin accretion from the absence of the Kusile project.
Cash generation analysis
Q4 2021 cash flow drivers

Cash flow from operating activities\(^1\)
$1,033 mn, -$192 mn YoY

- Stronger operational performance driven by Process Automation
- Balanced by less positive movement in trade working capital, mainly from inventory
- Cash flow reflected ~$300 mn of cash paid for income taxes relating to the sale of Mechanical Power Transmission business, while Q4-20 included ~$200 mn due to the Kusile settlement and pension plan transfers

Strong FY cash generation of $3.3 bn, representing an annual improvement of +$1.5 bn
Strong recovery in Return on Capital employed

Return on Capital employed (ROCE)

- Strong ROCE improvement in 2021 towards the 15 – 20% target range
- Improvement driven by higher Operational EBITA and lower adjusted group effective tax rate compared to last year
- Approximately 120 bps negative impact of 19.9% ownership interest in Hitachi Energy which will reverse after a sale of this investment

## Q1 2022 outlook

### Orders and revenues
Underlying market activity to remain overall stable compared with Q4; revenues in Q1 tend to be seasonally softer in absolute terms

### Operational EBITA %
Remain broadly stable or slightly up compared with Q4

<table>
<thead>
<tr>
<th>UNDERLYING MARKET</th>
<th>% of 2021 revenues</th>
<th>Previous outlook Q4, YoY</th>
<th>Outlook Q1, YoY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-resi buildings</td>
<td>~12%</td>
<td>● ● ●</td>
<td>● ● ●</td>
</tr>
<tr>
<td>Oil &amp; gas, chemicals</td>
<td>~10%</td>
<td>● ● ●</td>
<td>● ● ●</td>
</tr>
<tr>
<td>Mining &amp; metals</td>
<td>~9%</td>
<td>● ● ●</td>
<td>● ● ●</td>
</tr>
<tr>
<td>Residential buildings</td>
<td>~7%</td>
<td>● ● ●</td>
<td>● ● ●</td>
</tr>
<tr>
<td>Marine &amp; ports</td>
<td>~6%</td>
<td>● ● ●</td>
<td>● ● ●</td>
</tr>
<tr>
<td>Power distribution utilities</td>
<td>~6%</td>
<td>● ● ●</td>
<td>● ● ●</td>
</tr>
<tr>
<td>Conv. power generation</td>
<td>~6%</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Food &amp; beverage</td>
<td>~5%</td>
<td>● ● ●</td>
<td>● ● ●</td>
</tr>
<tr>
<td>Automotive</td>
<td>~5%</td>
<td>● ● ●</td>
<td>● ● ●</td>
</tr>
<tr>
<td>Renewables</td>
<td>~3%</td>
<td>● ● ●</td>
<td>● ● ●</td>
</tr>
</tbody>
</table>

1. Management estimates.
2022 in focus

we expect support from an anticipated positive market momentum and our strong order backlog as well as a steady margin improvement towards the 2023 target of at least 15%

Cement performance culture
- All divisions to take ownership of performance
  - Accountability, transparency & speed
  - Transparent reviews
  - Exposure to EC & Board
- Good leaders cooperate

Focus on growth
- Focused R&D spend driven by divisions
- Efficient growth through increasing channel sales
- Building M&A pipeline
- Grow software and embedded digital sales

Improve profitability
- Improve underperforming divisions
- Focus on quality of revenues
  - Better gross margin
  - Less tail risks
  - Reduced earnings volatility
- Continuous improvements

Portfolio management
- Progress with already announced exits and IPO
- Inside divisions: review of product group portfolio
- Work towards increased pace of acquisitions
- Strong balance sheet to support acquisitions

Reward shareholders
- Value creation through improved performance
- Create value by adding know-how/exposure through acquisitions
- Proposed 2021 DPS of CHF 0.82, in line with dividend policy
- Plan to continue share buybacks, also in excess of the PG capital return program

Continuous improvements
- Value creation through improved performance
- Create value by adding know-how/exposure through acquisitions
- Proposed 2021 DPS of CHF 0.82, in line with dividend policy
- Plan to continue share buybacks, also in excess of the PG capital return program
Q&A
Appendix
# 2022 framework

<table>
<thead>
<tr>
<th>$ mn unless otherwise stated</th>
<th>Q4 21</th>
<th>Q1 22 framework</th>
<th>2022(^1) framework</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Corporate and Other Operational EBITA</strong></td>
<td>(108)</td>
<td>~(80)</td>
<td>~(330)</td>
</tr>
<tr>
<td><strong>Non-operating items</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restructuring and restructuring-related</td>
<td>(79)</td>
<td>~(40)</td>
<td>~(150)</td>
</tr>
<tr>
<td>GEIS integration costs</td>
<td>(14)</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Separation costs(^2)</td>
<td>(36)</td>
<td>~(70)</td>
<td>~(180)</td>
</tr>
<tr>
<td>ABB Way transformation</td>
<td>(28)</td>
<td>~(30)</td>
<td>~(150)</td>
</tr>
<tr>
<td>PPA-related amortization</td>
<td>(59)</td>
<td>~(60)</td>
<td>~(230)</td>
</tr>
<tr>
<td>Certain other income and expenses related to PG divestment(^3)</td>
<td>(25)</td>
<td>~(15)</td>
<td>~(20)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Q4 21</th>
<th>Q1 22 framework</th>
<th>2022 framework</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net finance expenses</strong></td>
<td>(26)</td>
<td>~(25)</td>
<td>~(100)</td>
</tr>
<tr>
<td><strong>Non-operational pension (cost) / credit</strong></td>
<td>36</td>
<td>~35</td>
<td>~140</td>
</tr>
<tr>
<td><strong>Effective tax rate</strong></td>
<td>9.4%</td>
<td>~20%</td>
<td>~25%</td>
</tr>
<tr>
<td><strong>Capital expenditure</strong></td>
<td>(361)</td>
<td>~(140)</td>
<td>~(750)</td>
</tr>
</tbody>
</table>

1. Excludes 2 main exposures estimated to a total of ~$300 million, that are ongoing in the non-core business. Exact exit timing is difficult to assess due to legal proceedings etc. however ABB currently expects $150-$200 million to come through in non-operating items during 2022.
2. Costs relating to the announced exits and the potential E-mobility listing
3. Excluding share of net income from JV
Operational EBITA bridge

11.5% margin

Volume/price

Operations

Revenue growth, comparable 8%

$120 million

13.1% margin

Q4 2020

Operational performance

$ mn

Q4 2021

Items impacting comparability

FX

Portfolio changes

Slide 19