

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.

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 or anticipated transactions.

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
- · general market conditions, 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. We caution that the foregoing list of factors is not exclusive and you should not place undue reliance upon any forward-looking statements, including projections., which speak only as of the date made. We do not undertake or accept any obligation to release publicly any updates or revisions

to any forward-looking statements to reflect any change in our expectations or any change in events, conditions or circumstances on which any such statement is based.

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 "Financial Information" under "Quarterly results and annual reports" on our website at www.abb.com/investorrelations. Reconciliations can be found on our website under "Capital Markets Day 2021".

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We enable the transition to sustainable transport

Our technology



Common modular platforms



High performance control



Digital



Our role

We provide technology and products to our OEM and System Integrator partners

With our domain expertise we help them to apply the technology in multiple applications

Zurich

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Energy savings of 30 gigawatt hours per year

- In a recent retro-fit project together with SBB the entire fleet saves around 30 gigawatt hours of energy every year, which correspond the average electricity consumption of 10,000 Swiss households
- The conversion to the latest converter technology and the cooling systems of the converters operated with water instead of oil enable a reduction in energy consumption and ensure more ecological and safe rail operations



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The Netherlands

Charging electric ferries in Amsterdam

- More and more ferries and shortdistance transportation vessels at sea, lakes and rivers are moved by electric powertrain. Like EVs these need to be charged regularly
- ABB has delivered the power conversion technology to charger of new electrical ferries in Amsterdam reducing carbon, small particle emissions and noise in often very urban areas



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Towards an emission-free mine

- Electric trolley truck system enables heavy transportation with electric driven battery vehicles to lower CO₂ emissions and improve the work environment at the underground copper-zinc mine
- Mine truck MT42 powered by ABB motors and drives and additional motor and a drive to running the hydraulic pump



Norway

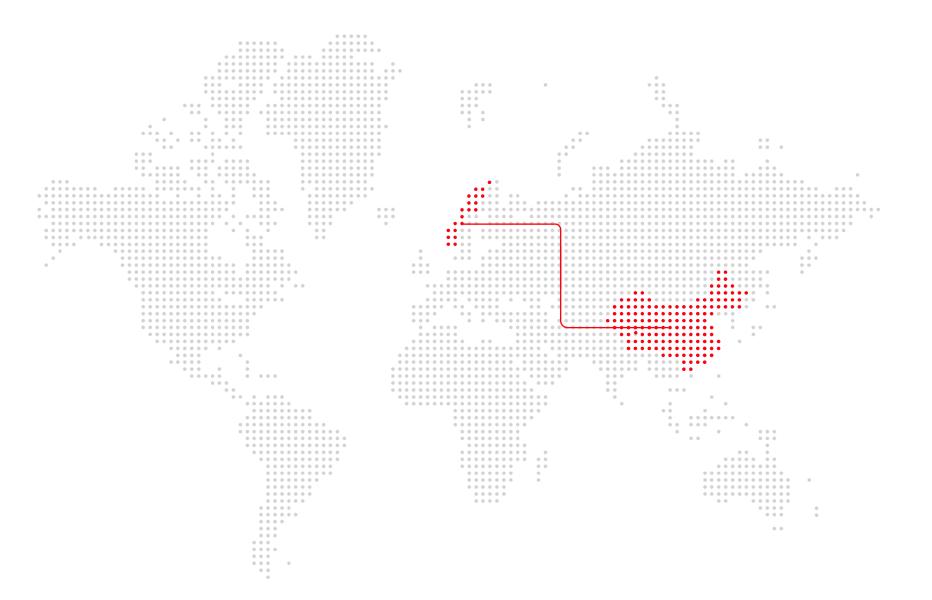
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Clean air and low noise construction site with ABB electrical powertrain

- Electric powertrain is used more and more also in heavy industrial vehicles and construction machines
- The powertrain consist of a new electric motor and a drive that replace the old diesel driven motor for the hydraulics
- ABB has used its broad technology platform to design dedicated products



China



Reducing emissions with Shore-to-Ship power

- When in harbor, vessel can switch off the diesel generator and use shore power converters to power the vessel instead
- In this way, the CO₂ and other harmful emissions of the vessel during berthing will be lowered down to zero
- ABB frequency converters are an economic and efficient solution to convert the grid electricity to the appropriate frequency needed on board



Chile

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Sustainable fish harvesting

- Specialty vessel are a growing market for electric power conversion and ABB is well positioned for that market
- Asenav and Patagonia Wellboats
 worked together to create a fleet of
 hybrid fish carrier vessels in Southern
 Chile where salmon and trout are
 harvested from the farms on the fjords
 and transported to processing plant
- Asenav relies on ABB motors and drives, together with a Power Management System, which improves the ships' energy use and improves maneuverability in very demanding environment. Patagonia Wellboat cuts down diesel consumption by 20%



Germany

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ABB technology conquers the mountains

- ABB is the market leader in providing power to ski-lifts around the world – from the Rockies to Alps to Akaishi
- The new ABB-powered cable car system at to the Zugspitze, Germany's highest peak, can take as many as 580 passengers an hour to the top of the mountain
- Pulling the gondolas such a long distance at steeps gradients of as much as 104 percent (about 46°) and a speed of 10.6 meter per second requires significant power, which is supplied by two ABB High-power motors

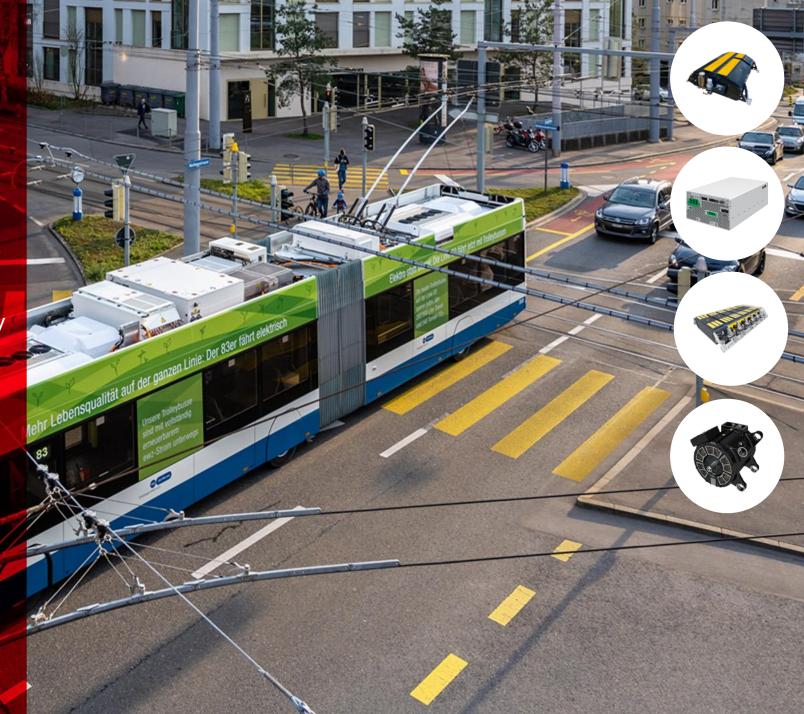


Zurich

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ABB enables energyefficient bus operation on route 83 in Zurich

- More than 100 electric buses with ABB technology are already in use in cities in Switzerland and Europe
- Line 83 of the Zurich Transport Authority (VBZ) has been operated purely electrically since this summer. The eight environmentally friendly battery trolleybuses are equipped with electric motors, drive technology and energy storage systems from ABB and have already proven themselves in practice
- Adrian Vogel, Head of Bus Fleet
 Management at VBZ, comments: "By
 switching to electrical operation, we are
 saving over 200,000 liters of diesel and
 around 540 tons of CO₂ a year"



Leveraging technology portfolio across mature and emerging segments

Rail

~\$10 bn



Marine & shore to ship

~\$1 bn



Trolley eBus

~\$1 bn



Ski lifts

<\$0.5 bn



BESS², HEV³

High growth emerging segments

Market position¹

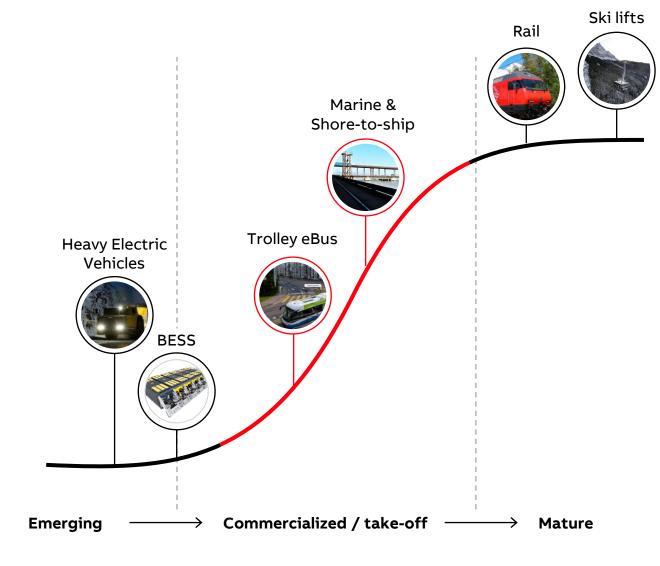
#2

#2

#3-5

#1

Emerging



Business opportunities have various levels of market maturity

3: HEV = Heavy electric vehicles

^{1:} Management estimate

^{2:} BESS = Battery energy storage

Sustainable transport as part of our business Orders of ~\$1bn, ~15% of MO order intake¹

Sustainable transport market growth drivers

01

Decarbonization

Policy makers and the broader society show a clear trend towards decarbonization, COP26 further reinforced the commitment

02

Energy efficiency

Energy consumption is the major cost element in transport applications, therefore the energy efficiency is a must

03

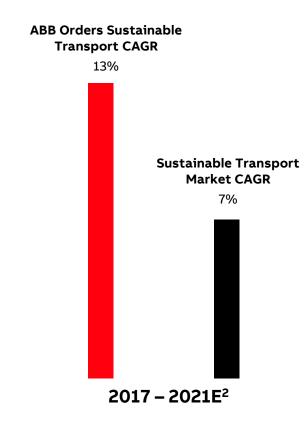
Modernization of public transport

Urbanization and higher demand of comfort drives the need for investments into existing transport systems

04

Fuel flexibility and battery maturity

Replacement of diesel propulsion to hybrid or full electric vehicles enabled by matured battery technology



We come from a strong order backlog and will continue to outgrow the market

^{1:} End of Q3 L12M, management estimate

^{2:} Management estimate



The future of transport is electric

#