



ABB Decoded podcast

Making the world's greenest battery

Latest news and stories

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Story

October 31, 2022

Electrifying rail for sustainable transport

ABB has a track record of providing innovative and energy-efficient technologies to the rail sector, manufacturing and servicing all components and subsystems in all networks for rail infrastructure and rolling stock.

ABB Research Award

October 13, 2022

2022 ABB Research Award in Honor of Hubertus von Grünberg

ABB awards \$ 300,000 grant over the next three years to Utsav Banerjee for on-going research that will improve security with connected devices.

Group web story

September 29, 2022

ABB leads with technology for greener shipping on World Maritime Day

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Meet our business areas

Electrification, Motion, Process Automation and Robotics & Discrete Automation: discover how our four business areas and the 20 divisions they comprise push the boundaries of technology, driving innovation and value for customers every day.

[Learn more](#)

ABB innovations at work

Electrification

Power of Together - when innovation and collaboration come together, progress really happens

Power of Together demonstrates how collaboration and innovation enable our customers, and our own operations, to reduce carbon emissions and environmental impact.

Motion

Energy Efficiency Movement

Wherever the essentials of life are in motion, energy is used. From food to water to clothing and even toilet paper, everything we need is manufactured, processed and delivered. All of this uses energy, and all of it causes CO2 emissions.

Process Automation

Making a world of difference

We automate, electrify, and digitalize the largest and most complex infrastructures on our planet – to make a world of difference through process automation.

Robotics & Discrete Automation

Virtual Exhibition

ABB Robotics is a pioneer in robotics, machine automation and digital services, providing innovative solutions for a diverse range of industries, from automotive to electronics to logistics.

Welcome to progress

At ABB, we empower people with technology to drive the transformation of industries needed to enable a low-carbon society and address the world's energy challenges.

[Discover more](#)

ABB Ability™

Explore how we combine ABB's deep domain expertise with connectivity and software innovation to empower real-time, data-driven decisions for safer, smarter operations that maximize resource efficiency and contribute to a low-carbon future.

[**Learn more**](#)

Discover ABB FIA Formula E World Championship

Explore how ABB and the world's most exciting electric motorsport series, ABB Formula E, are driving progress in technology that will help ensure a cleaner, more sustainable future.

[Learn more](#)

Did you know?

How can an electric propulsion system save 1,000,000 tons of fuel and contribute to a more sustainable future? How does a cable tie developed in 1958 contribute to the latest Mars expedition? And what does the monitoring of industrial motors have in common with a conventional fitness tracker? Here, we take you through some of the most interesting facts and trivia of our company's portfolio – with short, easy to understand explanations.

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