

Entrepreneurship #LikeABosch

Innovation, Emerging Technologies
and Leadership in a Disruptive World

Dr. Stefan Hartung

Chairman of the board of management
Robert Bosch GmbH

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**Invented
for life** is purpose
and business
as well

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Our heritage: Innovation, entrepreneurship and leadership



“Improvements in the world of technology and business should always also be beneficial for mankind.”

ROBERT BOSCH

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Four business sectors focus on diverse markets



Mobility Solutions

€

52.6bn
(60%)



233,000



Industrial Technology

6.9bn
(8%)

34,000



Energy and Building Technology

7.0bn
(8%)

34,000



Consumer Goods

21.5bn
(24%)

83,000

in 2022

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Emerging technology needs research & development

In 2022



7.2

billion euros
R&D expenditure



8.2%

R&D intensity



85,500

associates work
in R&D, including

44,000
software developers



136

R&D locations worldwide



Entrepreneurship #LikeABosch Hydrogen

FCPM-C Fuel Cell Power Module

- Toward emission-free mobility
- YTD2023: 2,3Mio. km total mileage accumulated on Chinese roads;
>700 FCPM-C delivered



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Microsystems technology

Bosch Healthcare Solutions Vivalytic

- molecular diagnostic testing device
- Short-time test results
- Capable to test hundreds of pathogens



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Sustainability in product design

Bosch Green Collection fridge freezer

- Reduced CO₂ footprint by 33%
- Bio-based & CO₂-neutral materials



Entrepreneurship #LikeABosch Semiconductor production

Bosch Wafer Fab Dresden

- AIoT factory: Artificial Intelligence (AI) & Internet of Things (IoT) combined
- Connection of all data of machines, sensors and products
- Big data-based optimization of complex production processes



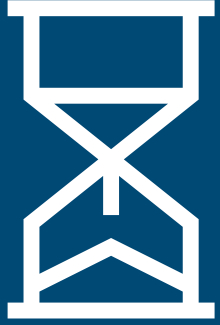
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AI Foundation Models

AI automated optical inspection

- foundation models outperform existing automated optical inspection AI models
- AI scalability due to across-application potential of foundation models
- Synthetic data generation for training

Time



Perseverance



Accepting detours



Protection



Innovations require...



Strong mentors



Portfolio management



Collaboration



Story-to-market



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Thank you!

