We are Bosch



Bosch Limited | Growing with RB GmbH Dr. Steffen Berns, Managing Director

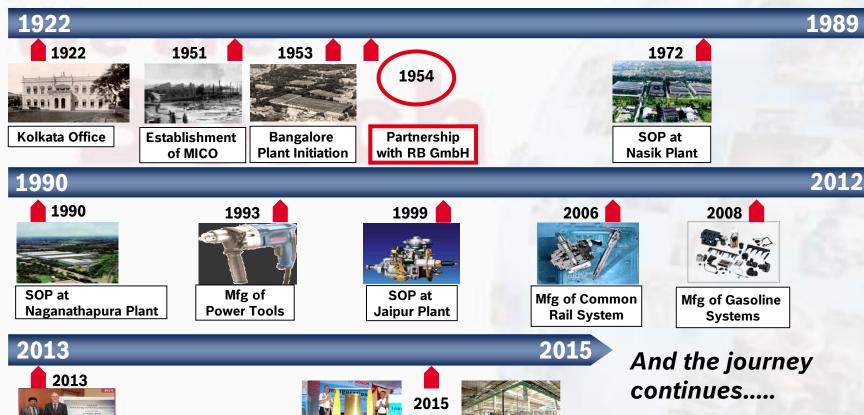


- Journey of MICO/Bosch Ltd.
- → Bosch Products & Business Dependency
- → Technology Key Success Factor for growth
- Way ahead





Journey of MICO/ Bosch Ltd. - Key milestones



SOP at

Bidadi Plant



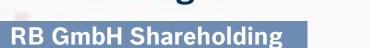
Launch of Energy and

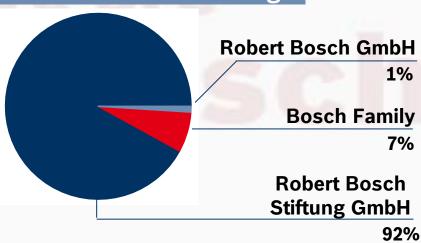
Building solutions

SOP at

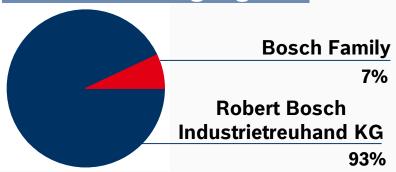
Gangaikondan Plant

Shareholding Pattern Bosch

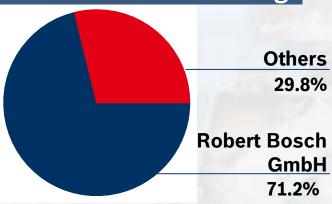




RB GmbH Voting Rights



Bosch Ltd. Shareholding



Bosch Ltd. Voting Rights (same as shareholding)



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Product and Business Portfolio



Drive & Control Technology



Automotive Electronics



Safety & Chassis control systems



Electrical Drives



Software & Engg. Services



Home Appliances







Automotive Steering

Products at Bosch Ltd.

Large part of RB GmbH product & business portfolio available with Bosch Ltd.





Sales over the years

Values in b INR



Sustainable profitable growth



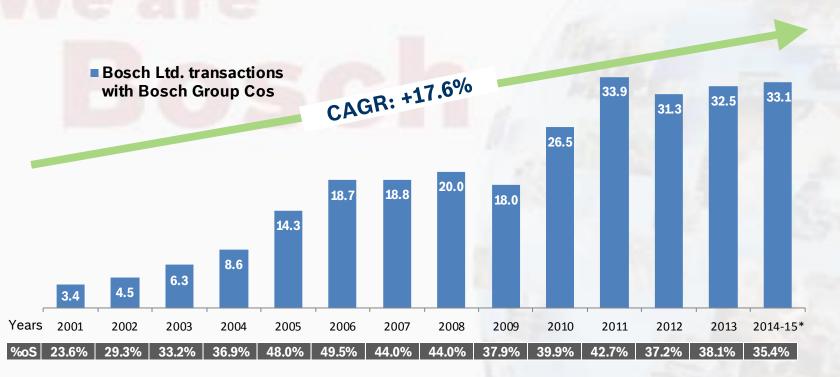
Gross transactions over the years

Managing Director | Bosch Limited | 05/06/2015 | © Bosch Limited 2015. All rights reserved, also regarding any disposal, exploitation,

reproduction, editing, distribution, as well as in the event of applications for industrial property rights.

Values in b INR

Gross transactions = Sales + Purchases (goods and capital) + Services + Royalty/Technical Fees



Significant level of transactions drives growth of Bosch Ltd.

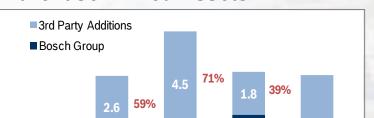


Key Transactions over last 5 years (2010 to 2014-15)

Purchase - Goods



Purchase - Fixed Assets



1.8

2012

Sales



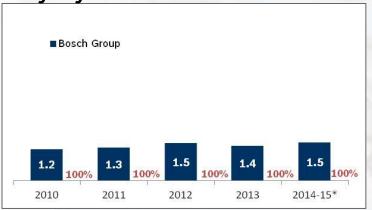
Royalty & Technical Fee

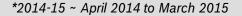
1.8

2011

80%

2010









Values in b INR

4.2

2014-15*

2.8

2013

93%

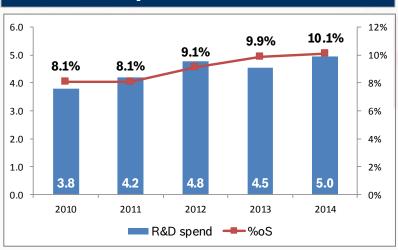
- → Journey of MICO/Bosch Ltd.
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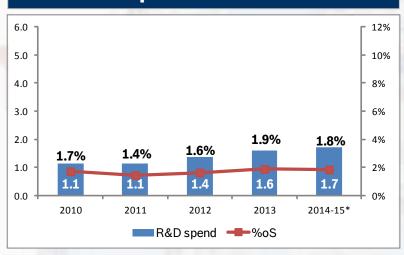


Leveraging on Technology

R&D spend - RB GmbH



R&D spend – Bosch Ltd



Values in b EUR

Values in b INR

Avg annual R&D spend: ~9%oS

Avg annual R&D spend: ~2%oS

Bosch Ltd leveraging on RB GmbH investment in technology to stay ahead of competition



Leveraging on Technology

Fuel Economy / CO2

Corporate Avg. Fuel Consumption Standard

Driving comfort

- Easy driving
- Shift- & launch quality
- Noise, vibration, harshness

Emissions & Diagnosis

- BS5 & IOBD norms
- Worldwide Driving Cycle

Variants

- Globalization
- Power train & vehicle diversification
- Fuel differences

Fun to Drive

- Power and low end torque
- Response time (dynamics)

City Restrictions

- Ban on driving
- Specific traffic lane, parking

Image & Emotions

- Fuel Economy Labeling
- Willingness-to-pay for green image /emotions

Costs

- Affordable mobility (price, TCO)
- OEM entry efforts (invest, E&A)

Better fuel economy, better driveability and legislation are key factors for India

TCO: Total cost of ownership, E&A: Engineering and application





Engine-related innovations Basis of powertrain Consumer expectations (U) VVT-E Performance, comfort CEGR DRS Optimized CEI T/C VCR CO2 NO2 PM Adv. PFI eClutch LP-EGR CRP/HF **Emissions** DI@350 bar

| Adv. PFI = advanced port fuel injection | CEI = controlled electronic ignition | cEGR = cooled exhaust gas recirculation | CRP/HF = common-rail pressure / hydraulic flow | DI = direct injection | DRS = digital rate shaping | eT/C = electric Turbocharger | LP-EGR = low-pressure EGR system | VCR = variable compression ratio | VVT-E = electrical variable valve timing | WI = water injection

Combustion Engine will remain the basis of efficient mobility in the near future



20...

2000

- → Journey of MICO/Bosch Ltd.
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Megatrends will change the car

Four major trends will shape the mobility of the future









Urbanization

Energy & climate

Connectivity

Demography

Growing importance of multi-modal mobility

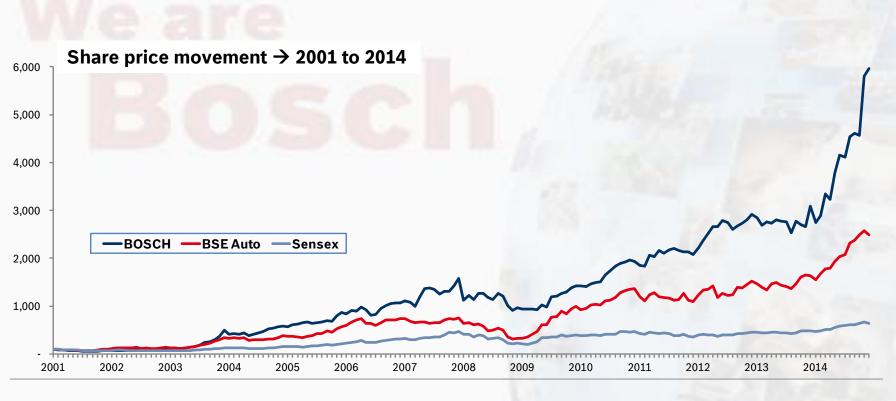
Stricter co₂ legislation Car as active part of the internet Mobility needs are growing globally – for older people as well

Innovative powertrains use resources more efficiently, reduce emissions, and enhance driving enjoyment

Bosch Mobility Solutions – moving towards the traffic of the future



Enhancing Shareholder Value

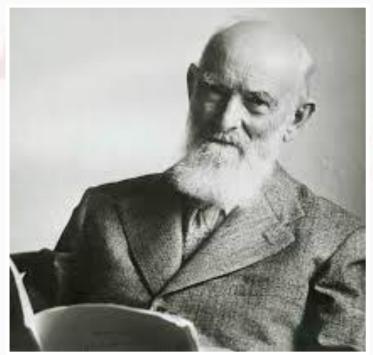


Direction of Bosch Ltd. - Appreciated by the Stock Market

Note: Indexed at 2001 price as base = 100







Robert Bosch 1861-1942 Founding Father of the Bosch Group

The 7 Bosch Values

- Future and Result Focus
- Fairness
- Openness and Trust
- Reliability, credibility and legality
- Responsibility
- Cultural Diversity
- Initiative and determination

"In the long term, an honest and fair approach to doing business will always be the most profitable."





Robert Bosch 1861-1942 Founding Father of the Bosch Group

The 7 Bosch Values

- Future and Result Focus
- Fairness
- Openness and Trust

- Responsibility
- **Cultural Diversity**
- Initiative and determination

