

Corporate Relationship Department BSE Limited 1<sup>st</sup> Floor, New Trading Ring Rotunda Building Phiroze Jeejeebhoy Towers Dalal Street, Fort Mumbai – 400 001 Scrip code:500530 The Manager
Listing Department
National Stock Exchange of India Ltd.
Exchange Plaza, C-1, Block G
Bandra-Kurla Complex
Bandra (E)
Mumbai – 400 051
Scrip code: BOSCHLTD

Bosch Limited
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Bangalore-560030
Karnataka, India
Tel +91 80 67521750

www.boschindia.com L85110KA1951PLC000761

02.12.2020

Dear Sir/Madam,

<u>Sub: Intimation of Schedule of Analyst/Institutional Investor Meetings.</u>

<u>Ref: Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.</u>

This is with reference to our letter dated November 26, 2020 on the captioned subject.

Copy of the presentation shared with the institutional Investors/Fund houses is attached herewith and is also being made available on the Company's website i.e www.bosch.in

This is for your information please.

Thanking you,

Yours faithfully, for **Bosch Limited**,

(Rajesh Parte)

**Company Secretary & Compliance Officer** 

Encl: as above.

### **Safe Harbour**

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### **Investor's Meet**

Bosch Limited: FY20 - 21

Soumitra Bhattacharya

Managing Director, Bosch Ltd.

President, Bosch Group in India

Bengaluru | 1<sup>st</sup> December 2020





### Bosch Ltd | Investor's Meet

### AGENDA

- → Bosch Global
- → Bosch in India & Bosch Ltd
- → 2020 An Unprecedented Crisis
- → Financial Results of FY21
- → Way Forward
  - → Powertrain Solutions
  - → Automotive Aftermarket
  - → Power Tools
  - → Building technologies
  - → Leveraging Bosch Group in India
- → Climate Change
- Summary



### BOSCH GLOBAL BUSINESS OVERVIEW

### **KEY FIGURES**



Mobility Solutions

60%



Industrial Technology

10%



Energy and Building Technology

7%



Consumer Goods

23%



Turnover 2019

77.7 billion EUR



More than

4,00,000 employees





**EBIT 2019** 

2.9 billion EUR



**Development Engineers** 

72,600 employees

Note: SGIN is new carved-out entity from RBIN w.e.f 01st Aug,2016. New Entity TNS: 4,527m and PC: 585. is not included in the above chart. Figures don't include BSH.

RBIN/OFE-P | 1st Dec 2020





**BOSCH** 

### **Business Sectors**

#### **Mobility Solutions**



Powertrain Solutions Chassis Systems Control **Electrical Drives** Car Multimedia Automotive Electronics Automotive Aftermarket **Automotive Steering** Connected Mobility Solutions Bosch eBike Systems<sup>1</sup>

Other businesses: Bosch Engineering GmbH **ETAS GmbH** ITK Engineering GmbH Two-Wheeler and Powersports

1. New division from January 1, 2020

### **Industrial Technology** Consumer Goods



Packaging Technology<sup>1,2</sup> Drive and Control Technology<sup>3</sup>

Other businesses: **Bosch Connected Industry** Robert Bosch Manufacturing Solutions GmbH

- 1. Robert Bosch Packaging Technology GmbH
- 2. Until December 31, 2019
- 3. Bosch Rexroth AG (100% Bosch-owned



Power Tools<sup>1</sup> BSH Hausgeräte GmbH

1. Robert Bosch Power Tools GmbH

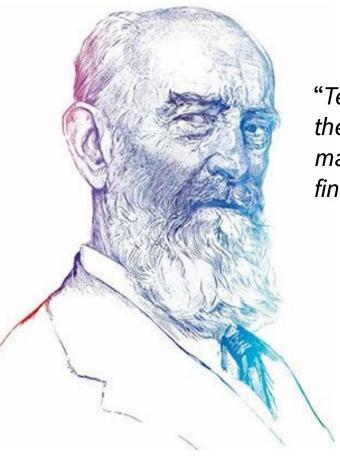
### **Energy and Building Technology**



**Building Technologies** Thermotechnology **Bosch Global Service Solutions** 

Other businesses: Robert Bosch Smart Home GmbH





"Technology, which is designed and has the capability to help the whole of mankind make the best of their lives and find happiness in life."

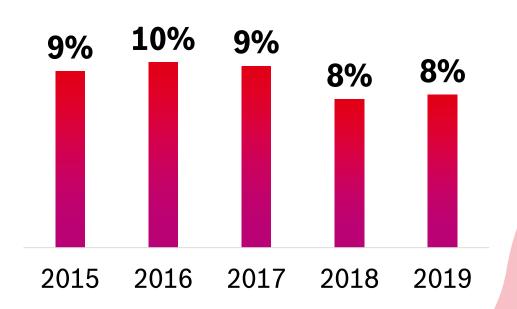
~ Robert Bosch



### BOSCH IS ONE OF THE WORLD'S MOST INNOVATIVE TECHNOLOGY COMPANIES



of total turnover invested in R&D



Irrespective of business situation and external volatility Bosch globally has always invested >7.5% of its total turnover in R&D since last 5 years



### Journey of Bosch India



1922

First Bosch Service Workshop established in India



1951

Motor Industries Company
Pvt Ltd Established



1953

Production of Spark plugs SCP started



1969

2<sup>nd</sup> plant in Nasik established



1960

Started exporting to BRIC nations



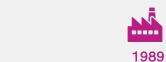
Security Systems business begins



2000 Technical Center India established for R&D



New subsidiary Robert Bosch India Ltd., established



3<sup>rd</sup> plant in Naganathapura established



1974

Rexroth operations started in Ahmedabad



MICO renamed as Bosch Limited



2009 New subsidiary RBAI established



System (ABS) started in RBIC

2010
Assembly of Antilock Braking



2012

New subsidiary RBBD established



2015

Bosch Diesel Systems plant in Bidadi is inaugurated



2020

BS VI Sensors Started providing
BS VI productsand solutions
to all OEM's



2019
Inauguration of BidP Phase2



Launch of i4.0 for shop floor efficiency



2017

ChiP produces 5 millionth power tool – Marble cutter.



2016

RBIC Inaugurates new Chassis Systems plant in Maharashtra

### **BOSCH IN INDIA BUSINESS OVERVIEW**

### **KEY FIGURES 2019**



195

**Billion rupees** Sales Revenue In 2019z

1922 1st Sales Office in Calcutta







CONSUMER GOODS

Billion rupees

**Bosch Ltd** 

Manufacturing Facilities of Bosch Ltd



Manufacturing **Facilities** 





Group Companies



MOBILITY SOLUTIONS



**ENERGY AND** BUILDING TECH.



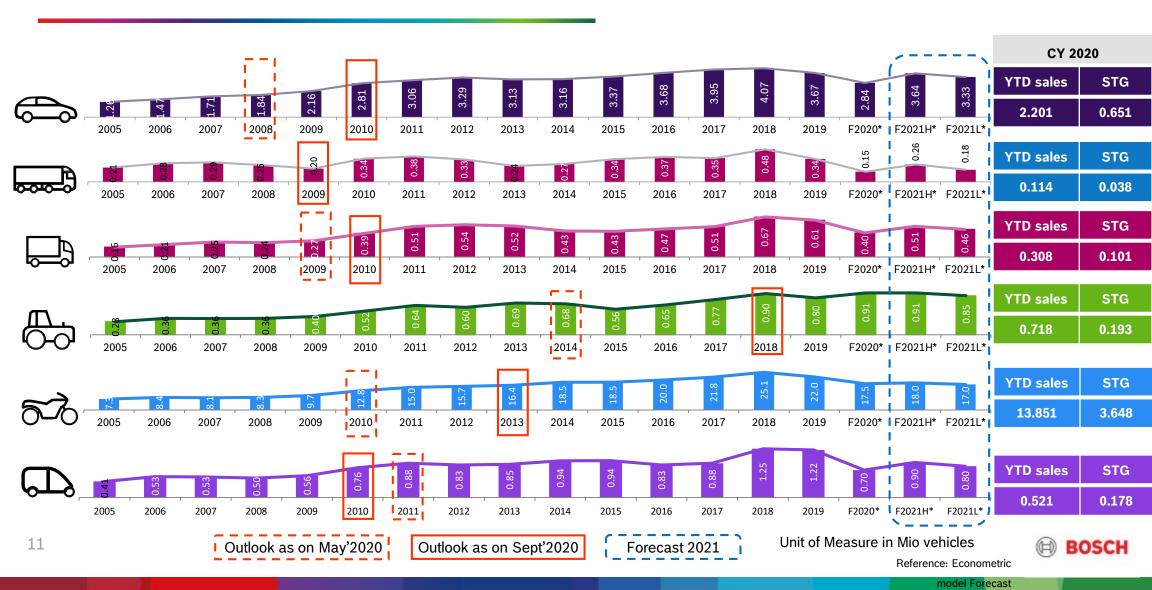
INDUSTRIAL TECH



2020 An Unprecedented Crisis

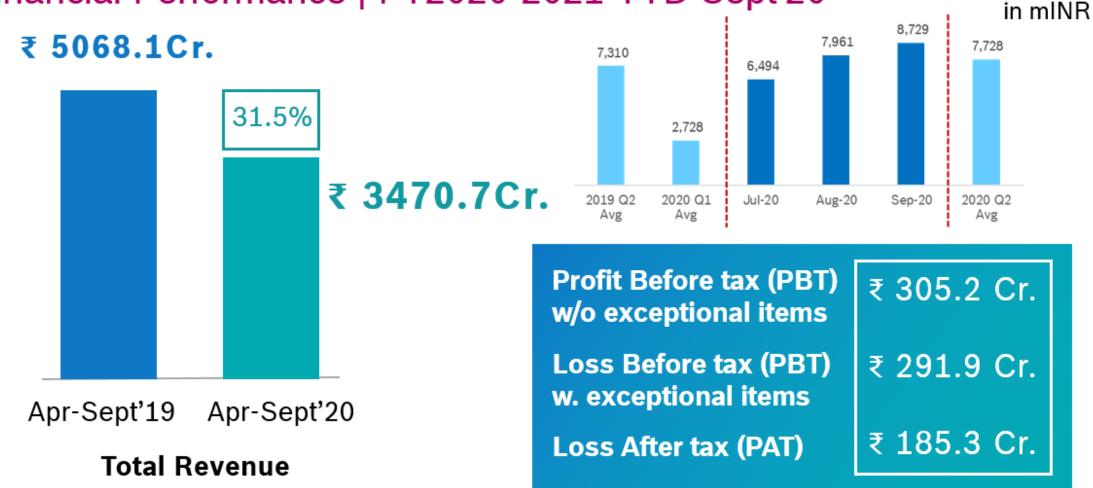


### **Automotive Market Trends**



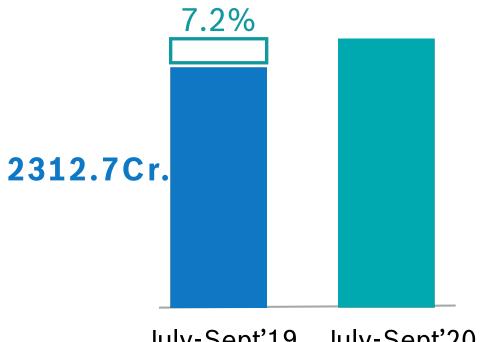
### Bosch Ltd | Investor's Meet

Financial Performance | FY2020-2021 YTD Sept'20



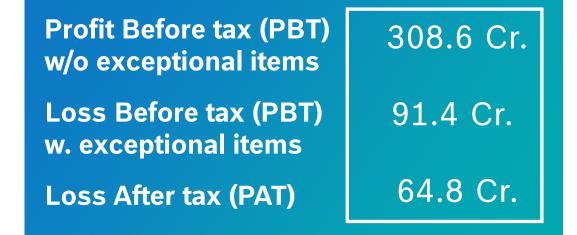
### Bosch Ltd | Investor's Meet Financial Performance | Q2 F2020-2021





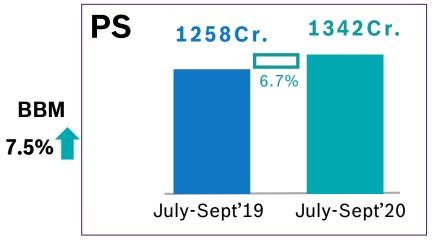
July-Sept'19 July-Sept'20

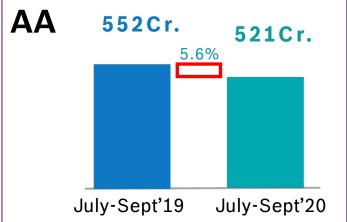
**Total Revenue** 

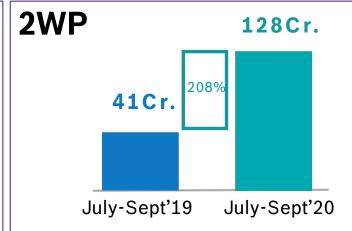


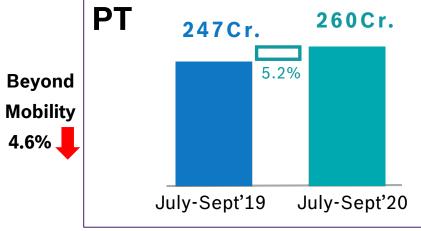
### Bosch Ltd | Investor's Meet

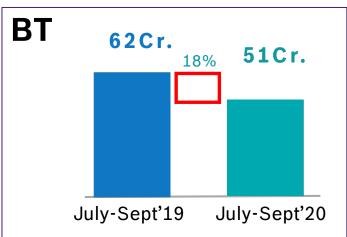
### Financial Performance | Q2 F2020-2021

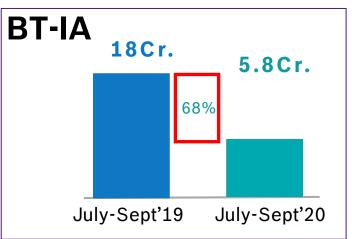














# Mobility Portfolio



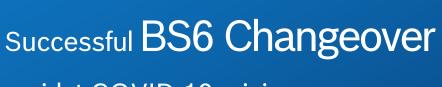
PREPARED FOR THE FUTURE

From Powertrain to Connectivity to Safety



# amidst COVID-19 crisis

**BS-VI Deliveries** 





~73 PC & LD BS6 projects System solution provider





~25 EMS projects across 4 OEMs with systems & Components



~52 BS6 programs

# Powertrain

# Legislation & Technology Changes

New Opportunities and Efficiencies

Emission Standards | OBD | IRDE | CAFE

Fuel Injection Equipment

**Exhaust Gas Treatment** 

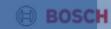
**Engine Calibration** 

**Software Functions** 

Warm Up Management

**Hybrids** 

Fuel Injection Products | Exhaust System Products Sensors | ECU | EMS

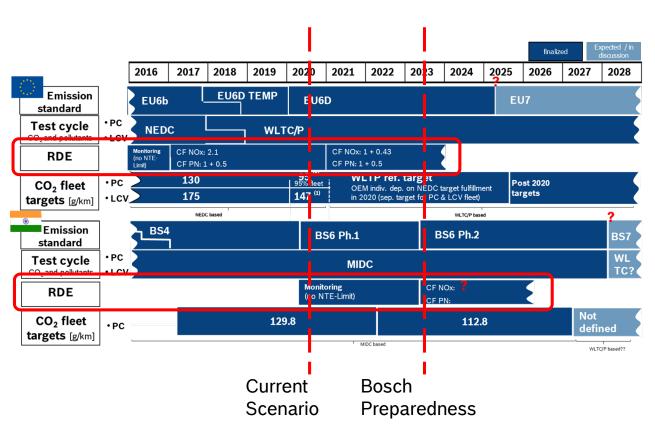


Bosch India is prepared to tackle stricter emission norms and improve Air Quality



39 Projects across various segments

Cleaner Mobility



Developing competency
in Battery Manufacturing
Partnership with Sun
Mobility

Exploring business models like EaaS

Electrifying the Ecosystem



One-Stop store for all mobility needs

Provide Cloud based services

Partnership with Routematic

**Mobility Solutions** 



# 2Wheeler

& 3Wheeler



**Engine Management System** 

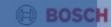
Integrated Electrification System

Safety Systems (ABS, MSC)

Sensors

Infotainment & Connectivity

Powertrain Systems & Electrification
Connectivity Systems | Assistance Systems



Demand Generation at secondary & tertiary levels

De-risk from Diesel & grow focus products

Workshop Concepts and Cooperation through a Digital Ecosystem



Automotive Aftermarket

# Building Technologies

Building solutions for a better life

Connected Building Solution Intelligent Video Analytics

**Camera Trainer** 

Video Based Fire Detection Camera as a Sensor

**Crowd Management** 

**Social Distancing** 

**Touchless Access** 



# Power Tools

Fascinate Users, Affordable Solutions, Better Life >300 Service Centers

Widest service network

Availability of

> 9000 SKU's

in 12 warehouses

Pan India

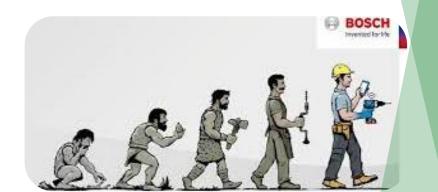


Focus on **Service** 



# Power Tools

Digitalization is no longer "Nice to have"



80% of our Users search for our products online

>50% of our Users buy our products online



**E-commerce** 



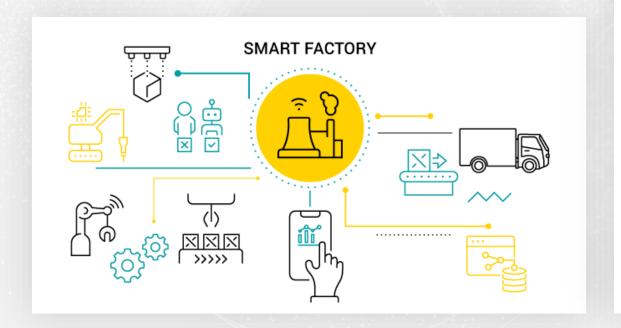


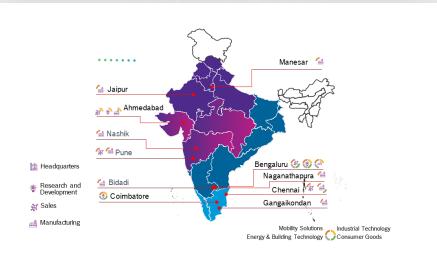






### **CONNECTED MANUFACTURING**







- ► All are in a journey to be smart & connected
- ► i4.0 Academy at 3 locations

Digitalizing - Source, Make, Deliver





Robert Bosch Engineering and
Business Solution (RBEI)
Bosch Automotive Electronics India
(RBAI)

Bosch Chassis Systems (RBIC)

Bosch Electrical Drives India (RBDI)

Prebo Automotive Private Limited

ETAS Automotive India (ETAS)

Bosch Automotive Steering (RBAS)

Leveraging Bosch Group in India



### TRANSFORMATION PLATFORM

**Focus on Core** 

**Growth Beyond Mobility** 

Operational Excellence

**Opportunities in New Areas** 

Agile Project Houses

Inorganic Growth

**Zero Based Thinking** 

3R Program

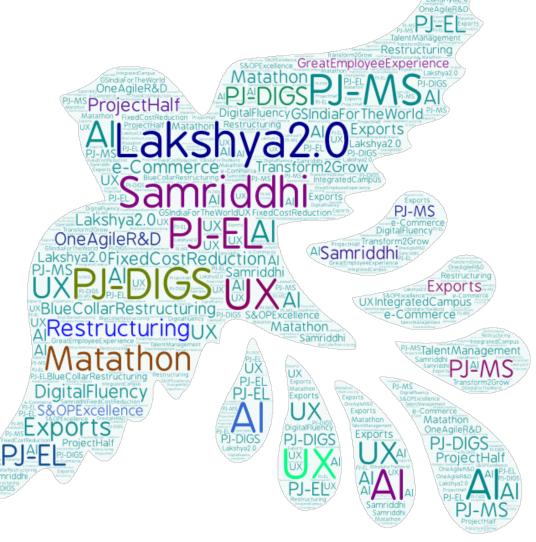
**Cost Controlling** 

LAKSHYA



### We LEAD Bosch

#People Obsession #Growth Obsession #EBIT Obsession





### Contributions

by

### Bosch

in fight against

COVID-19

We Care



Enabling healthcare facilities to fight the pandemic



### JOURNEY TO BE AN AIOT COMPANY

Bosch is investing 800 Cr. to create Smart Campus of future

Largest Tech Campus to be formed outside Europe

The campus will serve as the platform for all digital use cases







### POSTAL BALLOT NOTICE

APPROVAL BY MINORITY
SHAREHOLDERS
FOR
LOANS TO GROUP COMPANIES



# Postal Ballot Process And Dates

### **Special Resolution**

RBIN Proposes to Lend ICLs to Group Companies With Common Directors



- Start of E-voting: 13.11.2020
- End of E-voting: 12.12.2020
- Declaration of results: 14.12.2020 (before 4 PM)
- Validity of the Special Resolution u/s 185 shall be restricted to 5 years from the date of declaration of results of the postal Ballot



Of Inter-Co Loans

Key Tenets

- "Enabling Resolution" to get an "in principle" approval of the Shareholders
- Loans backed by an unconditional and irrevocable Guarantee from Robert Bosch GmbH; Global Long Terms Ratings A+ (S&P)
- Pricing at arms length. Seek quotes from two banks for similar tenor loans. Rate to borrowing companies will be at or above highest quote
- Tenor: Up to 1 Year and will be rolled over on a need basis on mutually acceptable terms
- Borrowing Companies should not have been defaulted on their borrowings in the past
- Net debt/equity of the borrowing companies is capped at 2.5:1
- Aggregate Amount of Rs. 1500 cr is less than 25% of the total cash + current assets (less than 1 year) of Bosch Limited as on 31.10.2020

### Bosch Group Companies Are Already Connected



RBAI: Provides
ECU, VCU (for PC
and CV), Central
Gateway and
other
components that
control various
functions and
provide
integrated
solutions



ETAS: Provides
Security
solutions that
ensure
communication is
safe and secure



RBEI: Brings together Engineering expertise and software expertise



RBDI: Provides
Electrical drives
and the thermal
solutions which
plays an
important role in
developing
Electric solutions



PreBo: Help to cater the fluctuating demand in the market and be agile on the supply side in a cost efficient manner



RBIC: Hydraulic braking for 2W, PC, LCV, HCV, Tractors. Supports to extend the Battery charge during braking and increase the range of electric vehicles

Mobility Strategy Of Bosch Limited - 'accident free, stress free and emission free'

# Thank You

