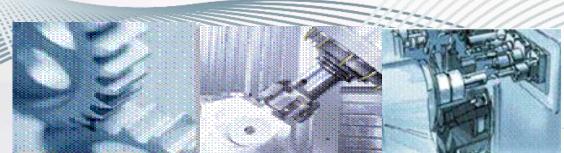
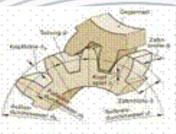
TURVO® Turning to Become...

TURVO INTERNATIONAL CO., LTD 2021 Q1 Investor Conference

Stock Code: 2233

Presenter : Executive Vice President Alex Tsai







Agenda

04

Q&A

01 Company Overview

02 Operation Performance

03 Future Prospects and Strategies

TURVO®

Company Profile

01

Company Overview
Product Application

Company Overview

Date of Incorpora December 29, 1987 tion

Amount

of Capital NT\$602,881 Thousands

Location NO.59, JING 2ND RD., WUCI DIST., TAICHUNG CITY 435, TAIWAN (R.O.C.)

Main Products Precision metal components for Automobile, Bicycles, Medical devices industrial applications, processing parts manufacture

Headquarter :315
Construction of 2nd Plant
started on 2021.1.19Number of
EmployeesDongguan Plant : 769
Jiashan Plant :Jiashan Plant :714
MSAT :MSAT :21
1.819



Automotive Components



Electric Axle Drive

- Gasoline and Diesel Engine Direct-Injection Parts
- Fuel Oil Injection Pump Parts
- Transmissions Control
- Variable Cam Timing
- Fuel Cell
- Advanced Driver Assistance Systems



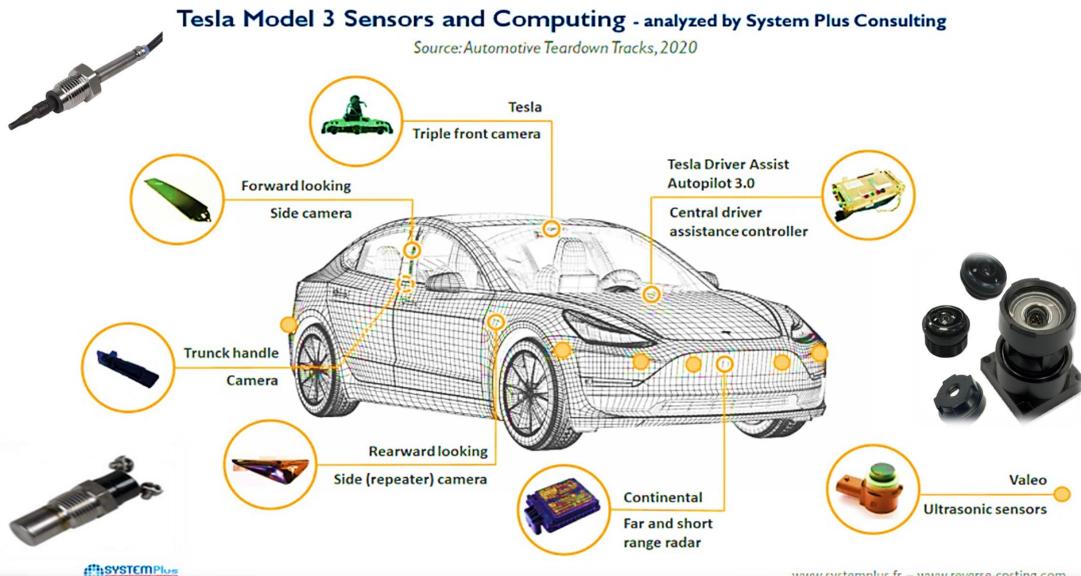
Tier-1 Suppliers





SCHAEFFLER

Electric Vehicle Structure



Hydrogen Fuel Cell







BorgWarner





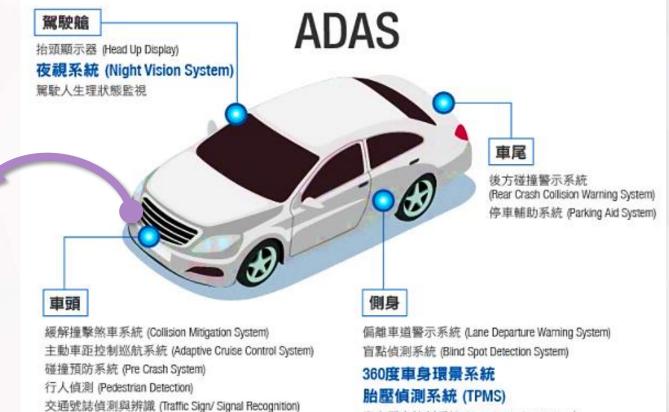


Advanced Driver Assistance Systems

(Integrated Power Brake)



Bosch officially launched in 2019 IPB Braking System: iBooster+ESP



邁路性車燈系統 (Adaptive Front/lighting System)

車身穩定控制系統 (Stability Control System)

Source: http://m.elecfans.com/article/861250.html Source: https://m.gasgoo.com/a/70152198.html



- Shock Absorbers
- Front Forks
- Hubs
- Seat Pillar Posts
 DT SWISS

DT SWIS.







- Insulin Delivery System Products
- Insulin Injector Core Components
- Strategic partner in designing automation lines and equipment for NN



smiths medical



Industry



- Global Industrial Automation Sensor
- Hydraulic control systems
- Requirements to meet high-precision quality and high-reliability

(Products are tested in extreme conditions and harsh environments- Need to pass 2 million high temperature and high pressure reliability tests)

数字排量泵



齿轮马达

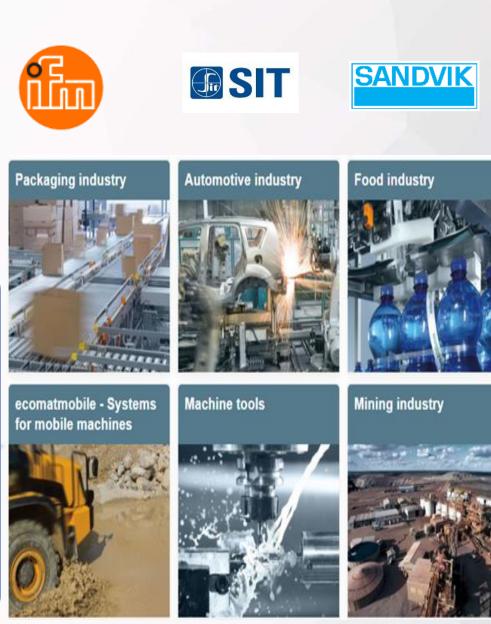
由机

化成契

远程无线终端

39 <u>A</u>		
感測器	e	感測器





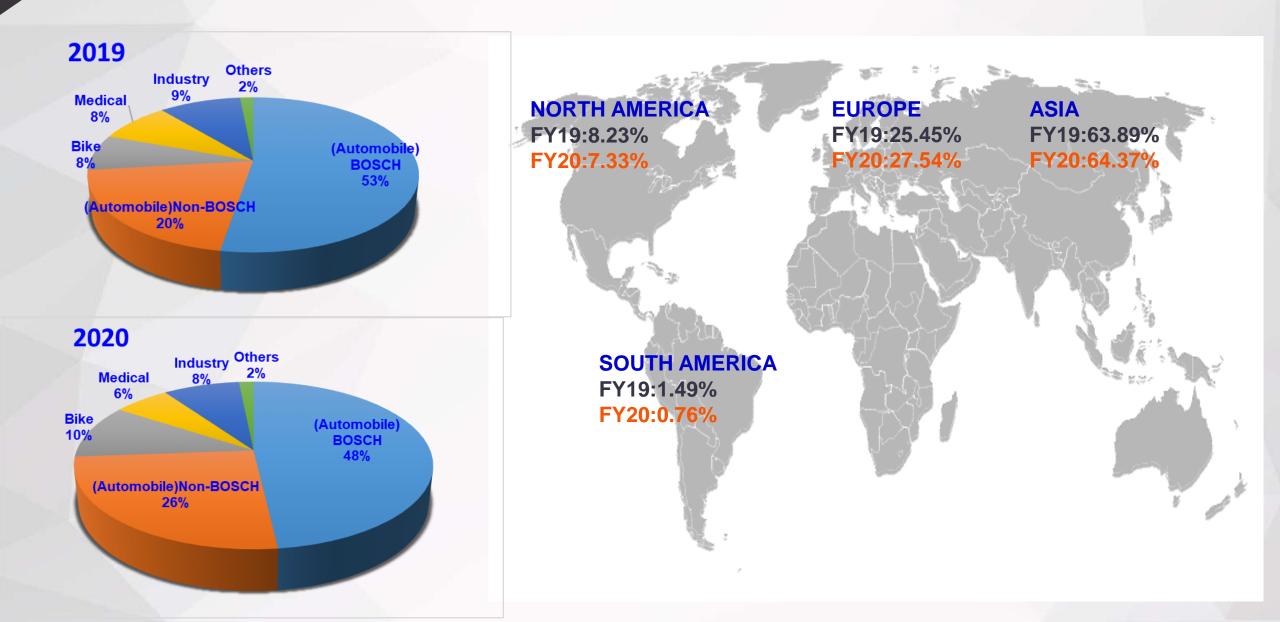
02

Operating Performance

Sales AnalysisOperating Result

銷售分析

TURVO[®]



TURVO®

Operating Results

Unit			2019					2020		
(NTD:Million)	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Revenue	629	549	553	623	2,354	561	535	694	749	2,538
Gross Margin	223	186	170	195	775	178	173	218	255	824
Gross Margin (%)	35.4%	34.0%	30.7%	31.4%	32.9%	31.7%	32.3%	31.5%	34.1%	32.5%
Operating Profit	113	80	53	73	319	84	66	112	143	405
Operating Profit (%)	17.9%	14.7%	9.6%	11.7%	13.6%	14.9%	12.3%	16.2%	19.1%	16.0%
Net Income	100	64	76	54	294	74	59	118	109	359
Basi EPS	1.71	1.1	1.3	0.96	5.07	1.29	1.06	2.01	1.87	6.23
Cash Dividend					3.3					
Cash flow from operating activties (Note)					726					339
Capital Expenditure					282					194
Free Cash Flow					443					145

Note : Decrease of Cash flow from operating activities in 2020 was due to the repatriation of US 8.35 million offshore funds, which was restricted to be engaged investments. (Amounts of financial assets reflected on financial statements should be classified as financial assets at amortized cost instead of cash and cash equivalents.)

03

Future Prospects and Strategies

 Meeting Client Needs and Decreasing Product Line Concentration
 New Product Developments (Planetary Reduction Gear)

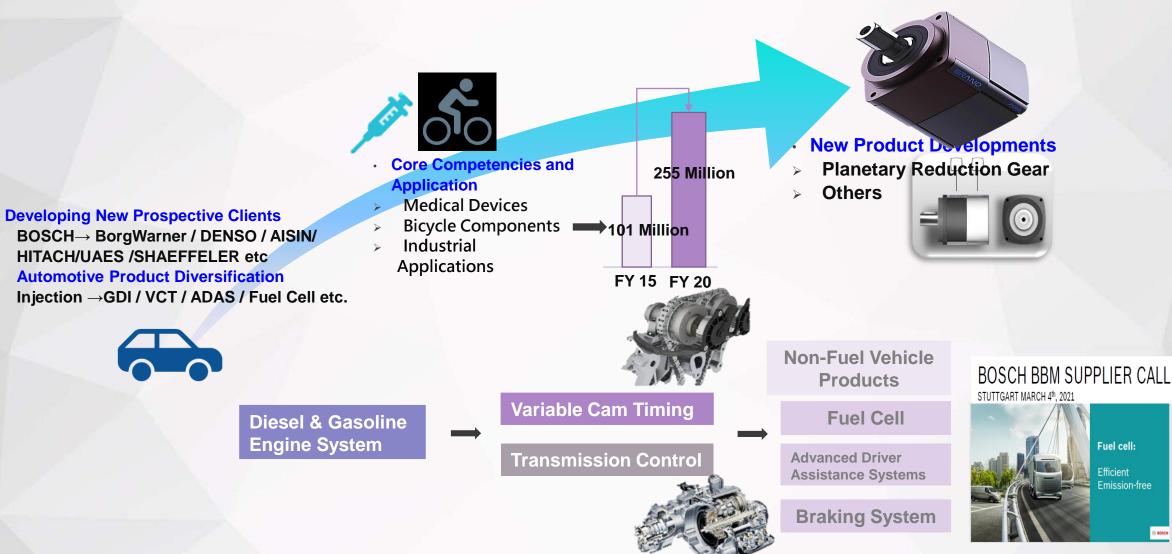
Meeting Client Needs and Decreasing Product Line Contraction

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Development of Planetary Reduction Gear (Market Profile))

Market Size



资料来源:第三方资料、新闻报道、专家采访及恒州博智(QYR)设备研究中心,2019年5月

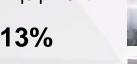
Top 10 Industrial Applications





Semiconductor Equipment

12%



Textile, Printing Equipment





25% Food Processing Machines 17% Robotics



Packaging Machinery 7% Construction Machinery 2% Processing Equipment 6% Medical Devices 2% Aerospace and Aviation 5%

2019 Planetary Reduction Gear

Market Status

NORTH

AMERICA

16%

EUROPE

21%

OTHER

13%

CHINA 32%

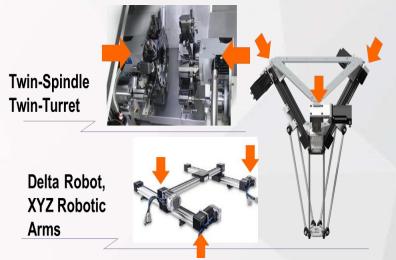
OUTHEAST

ASIA

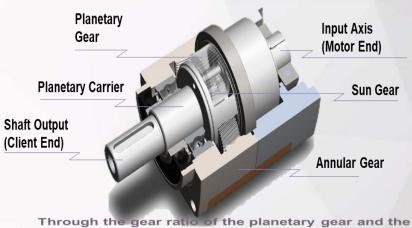
INDIA

5%

Application



Gear Component



Through the gear ratio of the planetary gear and the sun gear, to reduce the rotation speed and increasing the torque

Design Strategy and Competitive Advantages

• Patent for Lubrication:

Insert lubricating oil into inner diameter needle roller bearing of the planetary gear to reduce abrasion and further increase the longevity of the service life.

• Patent for Motor Gear Locking Devices:

Unique design prevents the motor lock core from loosening when it is not locked, and it is easier to assemble.

• Nitriding Process - Reduce Abrasion:

Nitride gear surface \rightarrow Improving surface hardness to create high wear resistance and increase lifespan of gears.

• Components Production Traceability Record: Strict quality checks and transparent tracking systems.





Patent for Lubrication

Patent for Motor Gear Locking Devices

Disclaimer

- This presentation includes certain statements that are forward-looking. The information obtained by the company is based on internal data and the overall external economic development status. All statements in this discussion, other than statements of historical facts, that address future activities and events or developments that TURVO expects are the reflect management's current outlook for future periods, including statements, regarding future financial performance are forward-looking statements.
- These forward-looking statements are based upon our current expectations, and our actual results may differ from predictive information, and the statements are subject but not limited to the impact of changes in markets, national and global economic conditions, and various policies, laws, and regulations.
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TURVO®

Turning to Become.

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