

## FRONTKEN CORPORATION BERHAD

(STOCK CODE: 0128, SYARIAH-COMPLIANT)

## **CORPORATE PRESENTATION 2021**

www.frontken.com

## TABLE OF CONTENTS

## COMPANY INTRODUCTION

- Company Overview
- Investment Highlights

# CORPORATE OVERVIEW

- Milestones
- Group structure
- Board of Directors
- Senior Management team
- Shareholder Structure
- Statement of Commitment to Minority Shareholders

## BUSINESS OVERVIEW

- Key Segment
- Value Chain
- Locations
- ESG & Sustainability
- COVID-19 business impact

# GROWTH DRIVERS

- Growth Strategy
- Macroeconomic Tailwinds for the Semiconductor Market
- Semiconductor Growth Forecast
- Business Outlook

## FINANCIAL OVERVIEW

- Financial Highlights
- Balance Sheet Summary
- Dividends

## TABLE OF CONTENTS

# COMPANY INTRODUCTION

- Company Overview
- Investment Highlights

# CORPORATE OVERVIEW

- Milestones
- Group structure
- Board of Directors
- Senior Management team
- Shareholder Structure
- Statement of Commitment to Minority Shareholders

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- Key Segment
- Value Chain
- Locations
- ESG & Sustainability
- COVID-19 business impact

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- Macroeconomic Tailwinds for the Semiconductor Market
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- Financial Highlights
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### **COMPANY OVERVIEW**

Frontken Corporation Berhad is known as the world leading service provider of advanced precision cleaning and surface treatment for semiconductor process chamber parts and repair and maintenance services for the oil and gas industry.

Incorporated	1996
Listed on the Main Board of Bursa Malaysia	2006
Employees	1130
Locations	Taiwan, Singapore, Malaysia, Philippines, Indonesia.
Headquarter	KL, Malaysia







### INVESTMENT HIGHLIGHTS



#### PROVEN TRACK RECORD

- Strong and sustainable revenue and profit growth year on year.
- Long standing relationship with customers and technology partners.
- Consistent high-quality work, scale and know-how recognised by customers and technology partners.
- Resilient in market downturns; the US- China trade war and COVID-19 pandemic.



#### HIGHLY EXPERIENCED MANAGEMENT TEAM

- Long tenured leadership team with relevant industry knowledge and experience.
- Committed and motivated team.
- Low attrition rate and high levels of employee satisfaction.



#### STRONG FINANCIAL POSITION

- Strong balance sheet.
- Healthy top and bottom lines growth.
- Profit after tax CAGR of +46% from FY2012-2020.
- · Continued margin improvement year on year.
- · Positive and growing cash flow.
- Net cash of RM292million as at 31st December 2020.



#### **PROVIDER OF CRITICAL SERVICES**

- Critical role in the semiconductor industry supply chain by providing advanced precision cleaning and surface treatment services to extend the shelf life of the chamber process components/parts.
- Provides cost savings, problem solving and support to the customers.
- Established best known method with emphasis on leading edge technology and strong research and development capabilities.
- Strong Barrier to entry.



#### LARGE ADRESSABLE MARKET

- Semiconductor manufacturing continues to show exceptional resilience during COVID-19.
- Aggressive spending by the leading edge players spurred by strong demand.
- Constant development and adoption of innovative new technology in semiconductor industry.
- Numerous factors driving demand, including increasing adoption of artificial intelligence ("Al") autonomous vehicles, Internet-of-Things ("IoT") and higher usage of 5G cellular.



## COMMITMENT TO HIGH STANDARDS OF CORPORATE GOVERNANCE

- Practice high disclosure standards, transparency, reporting requirements, investor communications and sustainability.
- Reviewing and setting a high internal compliance and control, risk management, codes of conduct, legal compliance, and encouraging the reporting of unlawful behaviour.

### AWARDS AND RECOGNITION

- Selected as Forbes Asia 200 Best Under A Billion Company.
- Won The Edge Billion Ringgit Club for "Highest Growth in Profit After Tax" (Technology Sector) 2 years in a row (2019 & 2020).
- Won The Edge Billion Ringgit Club for "Highest Return to Shareholders Over Three Years" (Technology Sector) in 2020.







### TABLE OF CONTENTS

## COMPANY INTRODUCTION

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- Investment Highlights

## CORPORATE OVERVIEW

- Milestones
- Group structure
- Board of Directors
- Senior Management Team
- Shareholder Structure
- Statement of Commitment to Minority Shareholders

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- Key Segment
- Value Chain
- Locations
- ESG & Sustainability
- COVID-19 business impact

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- Balance Sheet Summary
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## **KEY MILESTONES**

1996

Listed on Bursa
Malaysia under stock code
0128

Acquisition of Ares Green
Technology Corporation

Acquisition of TTES Frontken
Integrated Services Malaysia Sdn. Bhd.

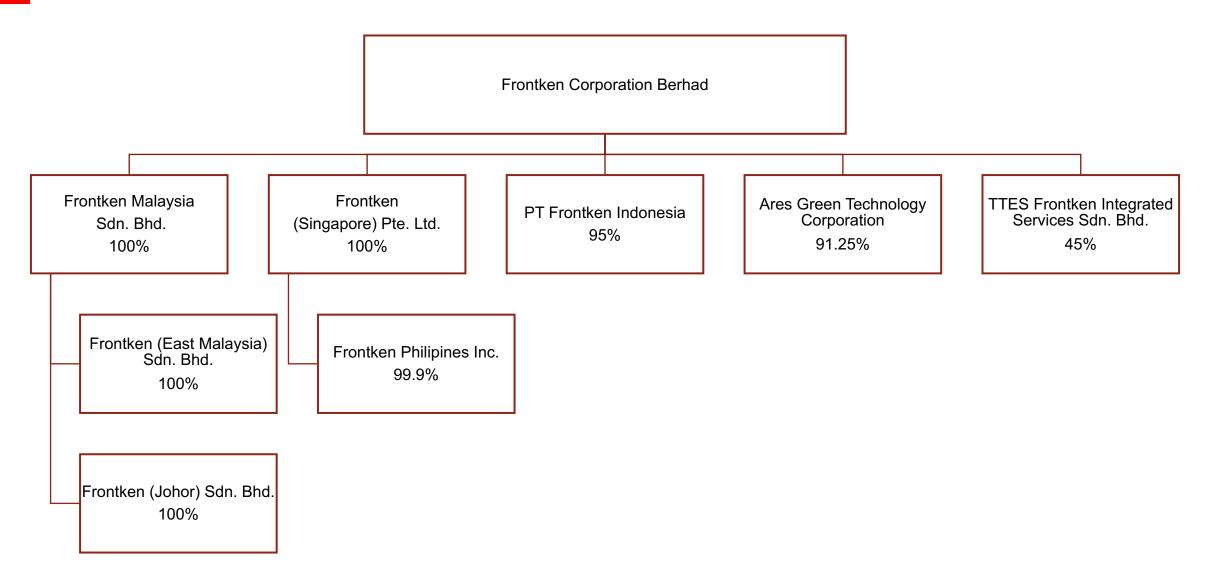
2020



Selected as Forbes Asia Best 200 Under A Billion Company, Won The Edge BRC "Highest Growth in Profit After Tax" and Won The Edge BRC "Highest Return to Shareholders Over Three Years" 2019

Won The Edge BRC "Highest Growth in Profit After Tax"

## **GROUP STRUCTURE**



### **BOARD OF DIRECTORS' PROFILE**



#### **NICHOLAS NG WAI PIN**

#### **Chairman / Chief Executive Officer**

- Aged 54, Male, Malaysian
- Appointed to the Board on 10 April 2006
- Chairman of Remuneration Committee

Formerly a Senior Independent Non-Executive Director of Frontken Corporation Berhad ("FCB"), was re-designated as the Chairman / Managing Director of the Company on 19 January 2012. He was re-designated as the Chairman / Chief Executive Officer of the Company on 29 March 2018.

He holds a Bachelor of Laws degree from University of Auckland and was admitted to the roll of barristers and solicitors of the High Court of New Zealand in 1989. He then continued practising as a barrister and solicitor in a leading legal firm in Auckland for a number of years before returning to Malaysia where he joined Shook Lin & Bok, a legal firm in Kuala Lumpur. He was admitted as an Advocate and Solicitor of the High Court of Malaya in 1993. He later became a Director and Chief Executive Officer of an oil and gas services company listed on Bursa Malaysia Securities Berhad with regional operations, before returning to private practice in law.

From September 2005 to February 2009, he was the Chief Operating Officer of a company listed on the Singapore Exchange Limited and was seconded as the Chief Executive Officer of a company listed on the Australian Stock Exchange. He is also the Executive Chairman of Ares Green Technology Corporation, a public company in Taiwan, R.O.C., a subsidiary of FCB. He also sits on the board of BSL Corporation Berhad as an Independent Non-Executive Director.



#### DR TAY KIANG MENG

#### **Executive Director / Chief Scientist**

- Aged 55, Male, Singaporean
- Appointed to the Board on 10 April 2006

Dr Tay Kiang Meng holds a Bachelor of Engineering (First Class Honours) in Manufacturing Systems Engineering from University of Portsmouth, and a Master of Science in Advanced Manufacturing Systems and a PhD in Engineering from Brunel University, United Kingdom. He is responsible for research and development leading the Group's technology roadmap, spearheading research and development ("R&D") activities, formalising the Group's quality systems, developing critical manufacturing technologies for FCB's semiconductor technology and advanced materials engineering, and exploring new technology opportunities for the Group. He has more than 20 years of professional experiences in technology development, R&D, and has led some of the most significant technology innovations in semiconductor-related manufacturing technology and advanced materials engineering.

An engineer and scientist by training, Dr Tay began his professional R&D experience with research think tank, Gintic Institute of Manufacturing Technology, Singapore. Dr Tay has received honours and awards in many of his academic, research and technology development work.

Dr Tay also sits on the board of the FCB's subsidiary, Ares Green Technology Corporation.

## BOARD OF DIRECTORS' PROFILE (CONT'D)



## DATO' HAJI JOHAR BIN MURAT @ MURAD Independent Non-Executive Director

- · Aged 72, Male, Malaysian
- Appointed to the Board on 10 April 2006
- Chairman of Audit Committee and Nomination Committee, Member of Remuneration Committee

Dato' Haji Johar Bin Murat @ Murad graduated with a Bachelor degree in Malay Studies from Universiti Malaya in 1971. He has worked in various government agencies, such as the Ministry of Science, Technology & Environment, the Ministry of Finance, the Ministry Of Public Enterprises (now known as Ministry of Entrepreneur and Co-operative Development) and Economic Planning Unit of Prime Minister's Department. During his tenure of service in the Ministry of Finance (1996 – 2000), he was a director of the following organisations:- Yayasan Tun Razak (Tun Razak foundation), Perbadanan Kemajuan Negeri Selangor (Selangor State Economic Development Corporation), Majlis Sukan Negara Malaysia (National Sports Council), Lembaga Pembangunan Labuan (Labuan Development Authority), Syarikat MKIC Malaysia (Malaysia Kuweity Investment of Malaysia), Jawatankuasa Pengurusan Hutan Serantau (Regional Forestry Management Committee), Majlis Penyelidikan dan Kemajuan Sains Negara (National Council of Science and Research Development).

When he was the Deputy Secretary General (Operations) of the Ministry of Science, Technology & Environment from 2000 to 2003, Dato' Haji Johar was also an Alternate Director of Lembaga Pengarah Technology Park Malaysia, MIMOS Berhad, SIRIM Berhad, Malaysian Agriculture Research and Development Institute, Malaysia Technology Development Corporation, Composite Technology Research Malaysia Sdn Bhd, Malaysia Design Council and National Science Centre. He was also the Chairman of Audit Committee of MIMOS Berhad and a member of the Board of Tender for MIMOS Berhad and SIRIM Berhad. Currently, he sits on the board of several other private companies.



#### NG CHEE WHYE

#### **Independent Non-Executive Director**

- Aged 54, Male, Malaysian
- Appointed to the Board on 31 July 2019
- Member of Audit Committee, Nomination Committee and Remuneration Committee

Ng Chee Whye is a Chartered Accountant with the Chartered Accountants Australia and New Zealand and holds a Bachelor of Commerce degree from the University of Canterbury, New Zealand. He began his professional career with KPMG Peat Marwick in Auckland, New Zealand, gaining experience with clients from varied industries. Following which, he relocated closer to home to assume varied Senior Finance roles with various IT related entities in Singapore and Malaysia, namely Hewlett-Packard Singapore (Pte) Ltd, Creative Technology Ltd and Electronic Data Systems IT Services (M) Sdn Bhd. He subsequently moved on to assume Chief Financial Officer roles with various Wealth Advisory and Fund Management entities at Prudential Fund Management Bhd, AXA Financial Services and Nexus Financial Services Pte Ltd.

## BOARD OF DIRECTORS' PROFILE (CONT'D)



#### **GERALD CHIU YOONG CHIAN**

**Non-Independent Non-Executive Director** 

- Aged 46, Male, Singaporean
- Appointed to the Board on 31 July 2019
- Member of Audit Committee and Nomination Committee

Gerald Chiu Yoong Chian holds a BA (First Class Honours) in Engineering and Master's in Engineering (with distinction), both from the University of Cambridge, United Kingdom. He joined Dymon Asia Capital in 2012, helped establish Dymon Asia Private Equity ("DAPE"), and is a member of DAPE's investment committee. DAPE is focused on making private equity investments in Small and Medium Enterprises in South East Asia, and aims to contribute both capital and expertise to the companies it invests in. DAPE's current funds are Fund I (SGD300 million) and Fund II (USD450 million). DAPE has offices in Singapore, Malaysia and Thailand, and has invested in 18 companies/exited 5 companies across these geographies.

### SENIOR MANAGEMENT'S PROFILE



## HEE KOK HIONG Chief Financial Officer

- Aged 48, Male, Malaysian
- Appointed in 2012

Hee Kok Hiong is a Fellow member of the Association of Chartered Certified Accountants (UK) and Chartered Accountant of Malaysia Institute of Accountants. He has more than twenty years working experience in the areas of finance and administration where he started his career as an audit assistant at Ernst & Young in 1996 where he led and managed various statutory and special audits of companies in a wide spectrum of industries. He left the firm in 2001 to join a co-operative society as its Manager for Finance & Administration Department. Prior to joining Frontken Corporation Berhad ("FCB") as the Group Financial Controller in 2009, he was the Group Financial Controller of a private company with business operations worldwide, where he spend 5 years overseeing its finance, administration and human resource functions. Mr Hee also sits on the board of FCB's subsidiaries namely Ares Green Technology Corporation, Frontken Philippines Inc., TTES Frontken Integrated Services Sdn Bhd, Frontken Projects Sdn Bhd and PT Frontken Indonesia.



#### MOHD SHUKRI BIN HITAM

### Managing Director of TTES Frontken Integrated Services Sdn Bhd ("TFIS")

- Aged 54, Male, Malaysian
- Appointed in 2000

Mohd Shukri Bin Hitam holds a Bachelor of Science in Aerospace Engineering, Bachelor of Science in Aeronautics (specialised in Aircraft Maintenance Engineering), Associate Science (Diploma) in Aircraft Maintenance Management Technology and Certificate in Airframe and Power Plant Mechanic.

He has extensive working experience in engineering related fields. Prior to the incorporation of TFIS, he worked in various organisations as engineer and consulting specialist in rotating equipment and turbomachinery engineering and technical services. He is responsible to oversee the overall operations of TFIS, engineering and technical services and directs various engineering and technical consultancy services at joint-service and consultancy companies.

## SENIOR MANAGEMENT'S PROFILE (CONT'D)



#### **TSAI YU MIN**

General Manager, Ares Green Technology Corporation ("AGTC")

- Aged 43, Male, Taiwanese
- Appointed in 2013

Tsai Yu Min holds a Degree in Chemical Engineering from Taiwan Taichung Feng Chia University.

He has extensive working experience in sales and marketing and general management and has been working with AGTC, a subsidiary of FCB, since 2000. Before his appointment as General Manager in 2013, he was the sales manager, responsible for formulation of sales and marketing strategies for AGTC.



### GEORGE I. LAGOS

President, Frontken Philippines Inc. ("FPI")

- Aged 60, Male, Filipino
- Appointed in 2003

George I. Lagos graduated from Don Bosco Technical College, Industrial Technology Course. He has extensive working experience in the oil and gas industry, power and related industrial fields. Prior to joining FPI in 2003, he has held various senior positions in multinational companies and has gathered a wealth of experience that encompasses maintenance of various types of rotating and static machinery in the oil and gas, power and general industry. He was appointed as the President in 2003 and is the chairman of the Board of FPI.

## SHAREHOLDER STRUCTURE

#### THIRTY LARGEST SHAREHOLDERS AS AT 29 APRIL 2020

No.	Shareholders	No. of shares	*% of issued capital
1	RHB Capital Nominees (Asing) Sdn Bhd Dazzle Clean Ltd	174,594,884	16.66
2	Dazzle Clean Ltd	116,396,589	11.11
3	Maybank Nominees (Tempatan) Sdn Bhd Pledged Securities Account For Ooi Keng Thye	65,798,200	6.28
4	Ooi Keng Thye	25,952,700	2.48
5	CIMB Group Nominees (Tempatan) Sdn Bhd	25,136,400	2.40
	CIMB Commerce Trustee Berhad - Kenanga Growth Fund		
6	Alliancegroup Nominees (Tempatan) Sdn Bhd Pledged Securities Account For Ooi Keng Thye (6000009)	22,162,500	2.11
7	Alliancegroup Nominees (Tempatan) Sdn Bhd Pledged Securities Account For Cheng Chew Giap (6000179)	21,352,500	2.04
8	Citigroup Nominees (Tempatan) Sdn Bhd Exempt An For AIA Bhd.	20,527,000	1.96
9	Amanahraya Trustees Berhad Public Islamic Opportunities Fund	18,057,800	1.72
10	HSBC Nominees (Asing) Sdn Bhd Exempt An For Morgan Stanley & Co. LLC (Client)	15,766,800	1.50
11	DB (Malaysia) Nominee (Asing) Sdn Bhd The Bank Of New York Mellon For Acadian Emerging Markets Small Cap Equity Fund, LLC	15,401,400	1.47
12	HSBC Nominees (Asing) Sdn Bhd JPMCB NA For Vanguard Total International Stock Index Fund	15,304,300	1.46
13	Citigroup Nominees (Asing) Sdn Bhd UBS AG	13,663,600	1.30
14	Public Nominees (Tempatan) Sdn Bhd Pledged Securities Account For Ooi Keng Thye (E-PPG)	11,107,600	1.06
15	Amanahraya Trustees Berhad Public Islamic Select Treasures Fund	10,369,000	0.99
16	Citigroup Nominees (Tempatan) Sdn Bhd Kumpulan Wang Persaraan (Diperbadankan) (Kenanga)	10,208,500	0.97
17	HSBC Nominees (Asing) Sdn Bhd JPMCB NA For Vanguard Emerging Markets Stock Index Fund	10,112,100	0.96
18	AMSEC Nominees (Tempatan) Sdn Bhd Pledged Securities Account - Ambank (M) Berhad For Ooi Keng Thye (Smart)	9,982,000	0.95
19	Tay Kiang Meng	9,404,808	0.90
20	Kenanga Nominees (Tempatan) Sdn Bhd Pledged Securities Account For Ooi Keng Thye (023)	9,140,200	0.87
21	HSBC Nominees (Asing) Sdn Bhd TNTC For Barings Asean Frontiers Fund	8,908,100	0.85
22	Kenanga Nominees (Tempatan) Sdn Bhd Pledged Securities Account For Cheng Chew Giap (023)	8,230,600	0.79
23	Amanahraya Trustees Berhad PB Islamic Smallcap Fund	8,017,000	0.77
24	DB (Malaysia) Nominee (Asing) Sdn Bhd The Bank Of New York Mellon For Florida Retirement System	7,840,800	0.75
25	Tokio Marine Life Insurance Malaysia Bhd As Beneficial Owner (PF)	7,737,000	0.74
26	HSBC Nominees (Asing) Sdn Bhd JPMBL SA For Stichting Depositary APG Emerging Markets Equity Pool	7,476,400	0.71
27	RHB Nominees (Tempatan) Sdn Bhd Pledged Securities Account For Cheng Chew Giap	6,803,400	0.65
28	CIMB Islamic Nominees (Tempatan) Sdn Bhd CIMB Islamic Trustee Berhad - Kenanga Syariah Growth Fund	6,787,100	0.65
29	Ng Wai Pin	6,642,900	0.63
30	Maybank Nominees (Tempatan) Sdn Bhd National Trust Fund (IFM Kenanga)	5,592,400	0.53

#### **DIRECTORS' SHAREHOLDINGS AS AT 29 APRIL 2020**

No.	Name	Direct		Indirect		
		No. of shares	*%	No. of shares	*%	
1.	Ng Wai Pin	6,932,900	0.7	290,991,473	27.8	
2.	Dr Tay Kiang Meng	9,404,808	0.9	-	-	
3.	Dato' Haji Johar Bin Murat @ Murad	-	-	-	-	
4.	Ng Chee Whye	20,000	~	125,720	~	
5.	Gerald Chiu Yoong Chian	-	-	-	-	

#### SUBSTANTIAL SHAREHOLDERS AS AT 29 APRIL 2020

No.	Name	Direct	Indirect		
		No. of shares	*%	No. of shares	%
1.	Dazzle Clean Ltd	290,991,473	27.8	-	-
2.	Ooi Keng Thye	158,682,900	15.1	-	-

#### Note:-

<sup>\*</sup>Excluding 5,466,600 shares held as treasury shares as at 29 April 2020

<sup>\*</sup>Substantial shareholders based on Register of Substantial Shareholders

## STATEMENT OF COMMITMENT TO MINORITY SHAREHOLDERS

We are committed to maximizing value for minority shareholders and acting in their best interest through:

- Fair disclosure
- Strong corporate governance
- Dividend payments

## TABLE OF CONTENTS

## COMPANY INTRODUCTION

- Company Overview
- Investment Highlights

# CORPORATE OVERVIEW

- Milestones
- Group structure
- Board of Directors
- Senior Management team
- Shareholder Structure
- Statement of Commitment to Minority Shareholders

## BUSINESS OVERVIEW

- Key Segment
- Value Chain
- Locations
- ESG & Sustainability
- COVID-19 business impact

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## **KEY MARKET SEGMENT**



### **SEMICONDUCTOR**

Revenue FY2020: 312.2million.

Facilities: Taiwan, Singapore, Malaysia.

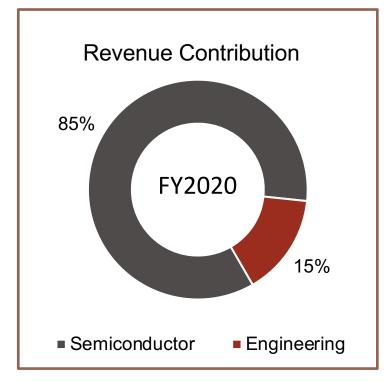


### **ENGINEERING**

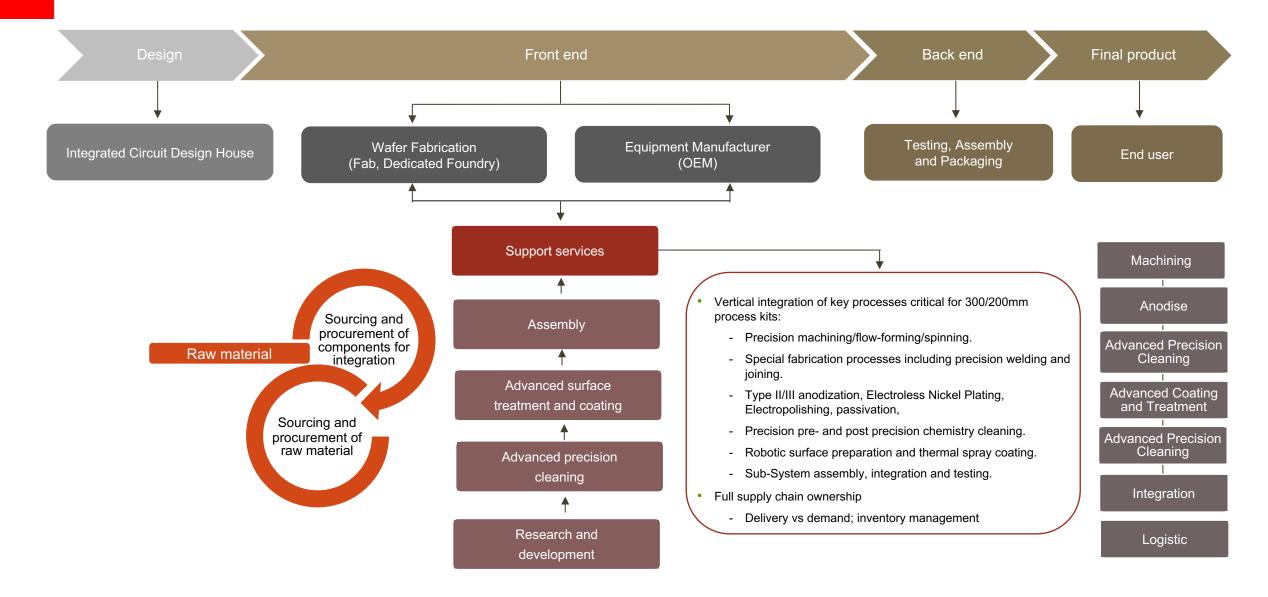
Revenue FY2020: RM56.1 million.

Facilities: Malaysia, Singapore, Philippines,

Indonesia.



### **VALUE CHAIN**



### LOCATIONS

### **SEMICONDUCTOR**

#### ARES GREEN TECHNOLOGY CORPORATION



**Capabilities**: Advanced High Precision Chamber Parts Cleaning, Advanced Spray Coating, Surface Treatment, Anodisation, Parts supply, etc.

**Key Products:** 300 and 200mm process kits for logic and memory chips. PVD/CVD/ETCH/ALD/IMPLANT, TFT-LCD.

**Industry**: Semiconductor, TFT- LCD Industry.

**Land size:** 16,966m<sup>2</sup> **Build up:** 17,371m<sup>2</sup>

#### FRONTKEN SINGAPORE PTE LTD



**Capabilities**: Advanced High Precision Cleaning, Thermal Spray Coating, Anodisation, Parts supply.

Major Industry: Semiconductor.

Key Products: 300 and 200mm process kits

for logic and memory chips.

Land size: 4877m<sup>2</sup>
Build up: 3147m<sup>2</sup>

#### FRONTKEN MALAYSIA SDN BHD







Capabilities: Specialised Precision Cleaning, Thermal Spray

Coating, Anodization, Parts supply.

**Major Industry:** Semiconductor, Automotive, HDD, Optoelectronics.

Key Products: 200mm process kits.

**Land size**: 12,141m<sup>2</sup> **Build up**: 3,299m<sup>2</sup>

## LOCATIONS

### **ENGINEERING**

TTES FRONTKEN INTEGRATED SERVICES SDN BHD



FRONTKEN (EAST MALAYSIA) SDN BHD



FRONTKEN SINGAPORE PTE LTD



FRONTKEN PHILIPPINES INC.



PT FRONTKEN INDONESIA



SHAH ALAM



FRONTKEN (JOHOR) SDN BHD

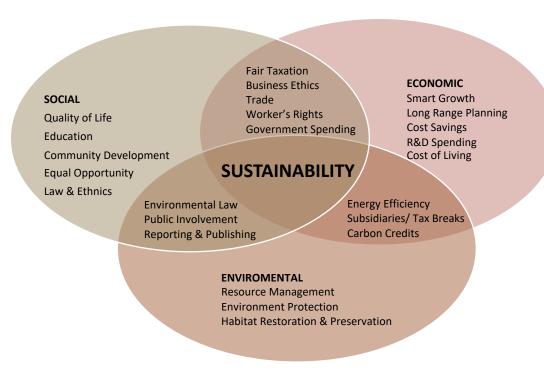


**Capabilities**: Maintenance, repair, Overhaul, Refurbishment and coating of rotating equipment.

Industry: Oil & Gas, Marine.

**Key Products**: Rotating equipment such as turbines, compressors, and pumps.





There are three interconnected spheres of sustainability that describe the relationships between the environmental, economic, and social aspects of our world.

### Frontken Group sustainability guiding principles

As we work with our customers and suppliers to develop global resources, sustainability is an integral part of our business strategy and a key driver in all of our business activities. Our innovative technologies and our operational experience and expertise enable us to minimize our environmental impact and successfully manage the social challenges and inherent risk that are present in our industry. Our sustainability motto is "Our future depends on what we do today". Our guiding principles for sustainability focus on the following three areas:

#### A society for our future

Inspiring the next generation; investing in communities; developing sustainability knowledge and skills; striving to be an employer of choice; and creating a healthy, safe and secure workplace.

#### An environment with a future

Supporting a low carbon economy; demonstrating respect for the environment through resource optimization and efficiency and by preventing pollution; and protecting and improving ecosystems.

#### A responsible business of the future

Supporting sustainable economic growth with strong governance and accountability; being an international business whilst recognising the importance of providing local services; and collaborating with key organisations to develop innovative solutions.





Our sustainability master plan.

We provide work environments, products, services and solutions that make safe, productive and efficient use of resources as we strive to achieve our vision. We apply innovation and technology to improve the sustainability performance of our products, services, solutions and operations. We believe sustainable progress is made possible by developing better systems that maximize life cycle benefits, while also minimizing the economic, social and environmental costs of ownership, as reflected in our sustainability principles. We will execute our strategy by working to meet our aspirational sustainability goals.

#### To a

To achieve organizational sustainability by minimising waste in the use of resources (inputs) and optimising the value of services/products (outputs) (Financial Health)

Thin Value

To achieve social, environmental, and economic (SEE) sustainability by optimising the value of resources and outcomes value to stakeholders (Organizational Health)

**Thick Value** 



### **Waste Sustainability**

Most of the waste generated from our waste-water treatment plant (WWTP). We have hazardous waste which disposal is under regulations and non-hazardous waste, include non-regulated wastes such as plastics, metal and paper. Reducing, reusing, and recycling this waste can cut waste management costs, lower our environmental impact, and even generate revenue.

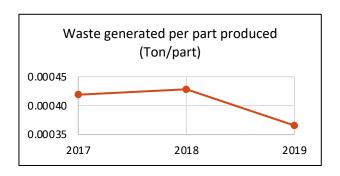
- Engage our employee to reduce, reuse and recycle our non-hazardous waste;
- To reduce hazardous waste to landfill through innovative applications by select green chemical and other alternative chemicals.

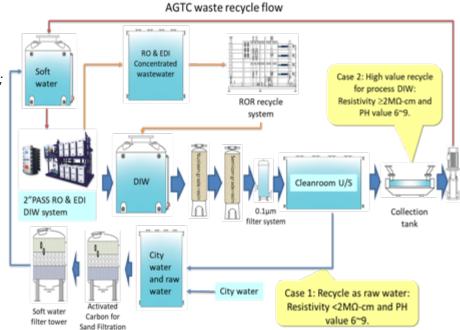
In AGTC, we reuse DIW in our process base on their condition. The accumulative waste DIW recycling has achieved 110,350 Ton since 2018. At the same time, through the general waste recycling project, we achieved the recycle amount 54,872Kg in 2019. They include waste PE bags, plastic-bottles, waste metal and paper.

Voor	Group average				
Year	А	В	С		
2017	640	1,527,929	0.00042		
2018	674	1,572,786	0.00043		
2019	597	1,633,376	0.00037		

#### Remarks:

- A Total waste generated (Ton);
- B Total output of parts (Piece);
- C Waste generated per part produced (Ton/part).







#### Social impact/ Corporate Social Responsibility ("CSR")

We are committed to ensure this change is positive and accessible for all. The investments and engagement around social issues generate significant value for our company and our stakeholders. The constructive relationships and trust that we build with governments, neighbours and other community member helps create a positive business environment for us.

We are committed to creating a better world through our service and the passion of our employees. We believe that the health of our company and local economies both depend on an increasingly inclusive community of innovators. We believe that to maintain interaction with local communities and actively participate in public welfare activities is one of the most important ways to make contribution to the society. We empower our employees to extend their values into our local communities for corporate social responsibility (CSR).

#### Activities including:

- Blood donation activities
- Participate in and advocate for smoking cessation activities
- · Employees form softball club by themselves
- · Charity activities and other community activities









Blood donation campaign

"Plant A Tree" Charity Event

Participate in smoking cessation activities

**Community Activities** 



### Employees' well-being

We regularly host various activities such as health education and sports courses, like cardiovascular disease prevention activities, personnel first-aid training, employee mental health counseling, healthy diet DIY, yoga and boxing, etc., to further improve the physical and mental health of employees.











Pictures/ Activities are pre-COVID



- In FY2019, Frontken employee Retention Rate was 98.94%.
- Frontken contributed or invested more than 9,664 hours to train employees.
- We have a very low health and safety recordable injury rate of 0.01 hour per 100 Employees.
- In FY2019, Frontken and its volunteers contributed for a total of 5,282 hours.
- We have been supporting schools and non-profit organizations to benefit a total of 9 people.





1. Estimated total company-specific scope 1 and scope 2 greenhouse gas emissions (in tons of CO2e) for the year 2019.

(Scope 1 greenhouse gas emissions refer to emissions directly occurring from sources that are owned or controlled by the company. Scope 2 greenhouse gas emissions refer to indirect emissions generated in the production of electricity purchased by the company.)

SCOPE 1	2019 Actual
Direct Gases CO2 and related	45.40 ton
emission factor average	1
CO2 Emission tCO2e	45

SCOPE 2	2019 Actual
Electricity Usage	18,292,024 kwh
emission factor average	0.49
CO2 Emission tCO2e	8,963

2. Are there any ways in which climate change, or the transition to a low-carbon economy, pose any financial risks to the company?

The climate change will not pose any significant financial risks to our company.

However, climate change is a serious environmental, economic, and social challenge; and future regulations in response to climate change could result in increased production costs associated with air pollution and low carbon requirements, and increased compliance and energy costs. These restrictions could harm our business and results of operations by increasing our expenses or requiring us to alter our production processes.

Therefore, we focus on reducing climate change risks related to our direct climate "footprint"—the emissions resulting from our own production and operations. This include reducing our operational carbon footprint - greenhouse gas (GHG) reduction goals to conserve energy and minimize air emissions. We also work to minimize our emissions of particulate matter (PM), volatile organic compounds (VOCs), hazardous air pollutants (HAPs), nitrogen oxides (NOx), and carbon monoxide (CO) through the use of emissions abatement equipment such as wet scrubbers, as well as through implementation of other emissions reduction strategies.



Appendix - Emission factor				
Category	Emission factor	Convert to	Unit (Metric)	Source
Electricity	We calculate emissions from electricity generation with the EPA's eGRID emission factors based on 2018 data published in 2020, using the US average electricity source emissions of 0.947 lbs CO2e per kWh (0.429 kgs CO2e per kWh).	0.429	, ,	https://carbonfund.org/calculation-methods/
Natural Gas	There are 0.00531 metric tonnes of CO2e per 100 cubic feet (CCF) of natural gas	0.001875	ton CO2e/m3	U.S. Department of Energy
Propane	There are 0.00576 metric tonnes of CO2e per gallon of propane.	1.522	ton CO2e/m3	U.S. Department of Energy
OM GEF (SG)	Singapore's average OM GEF (Operating Margin Grid Emission Factor) in 2019 is 0.4085 kg CO2/kWh	0.4085	kgs CO2e/kWh	https://www.ema.gov.sg/singapore-energy-statistics/Ch02/index2
Travel - Vehicles	Unleaded automobile gasoline emits 8.78 kgs CO2e per gallon	2.320	kgs CO2e/L	https://carbonfund.org/calculation-methods/
Travel - Vehicles	Diesel fuel emits 10.21 kgs CO2e per gallon	2.697	kgs CO2e/L	https://carbonfund.org/calculation-methods/
Air Travel	CO2 emissions for coach/economy air travel vary by length of flight, ranging from 0.134 kgs CO2e per passenger mile to 0.217 kgs CO2e per passenger mile, with higher emissions for shorter flight segments. Our calculator uses a simplified factor of 0.2 kgs per passenger mile.	0.1243	kgs CO2e per passenger km	https://carbonfund.org/calculation-methods/
Rail Travel	The CO2e emissions for long distance trains (i.e., intercity rail) is 0.114 kgs per passenger mile.	0.07085	kgs CO2e per passenger km	https://carbonfund.org/calculation-methods/
Product Shipments - Product shippir	ng emissions is calculated by the total number of parcels multiplied by the average parcel weight and average parcel shipping distan	nce then by the applica	ble emissions factor per to	n-mile.
Ground/truck shipping	Ground/truck shipping emissions factor is 0.209 kgs/ton-mile	0.130	kgs CO2e/ton-km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Air shipping	Air shipping emissions factor is 1.278 kgs/ton-mile	0.7943	kgs CO2e/ton-km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Rail shipping	Rail shipping emissions factor is 0.021 kgs/ton-mile	0.01305	kgs CO2e/ton-km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Ocean/water shipping	Ocean/water shipping emissions factor is 0.0409 kgs/ton-mile	0.02542	kgs CO2e/ton-km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Employee Travel				
Short flights	Short flights are calculated to be under 300 miles one-way with emissions of 0.217kg CO2e per passenger mile	0.1349	kgs CO2e per passenger km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Medium flights	Medium flights are calculated to be 300-2300 miles one-way, average 1500 miles, with emissions of 0.134 kg CO2e per passenger mile	0.08328	kgs CO2e per passenger km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Long flights	Long flights are calculated to be > 2300 miles, average 3,000 miles one-way with emissions of 0.167kg CO2e per passenger mile	0.10379	kgs CO2e per passenger km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Train trips	Train trips are calculated 0.114 kg CO2e per passenger mile	0.07085	kgs CO2e per passenger km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Subway trips	Subway trips are calculated 0.1 kg CO2e per passenger mile	0.06215	kgs CO2e per passenger km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Bus trips	Bus trips are calculated at 0.056 kg CO2e per passenger mile	0.0348	kgs CO2e per passenger km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Employee Commute				
Commute by Car	Assumes 0.338 kg CO2e of gas consumed per mile and a two way commute 245 days a year. (The kg CO2/vehicle mile average of both passenger car and light-duty truck.)	0.21	kgs CO2e per year km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Commute by Intercity Rail	Assumes a two way commute 245 days a year, with 0.114 kg CO2e emitted per mile.	0.07085	kgs CO2e per year km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Commuter Rail	Assomes a two way commute 245 days a year, with 0.149 kg of CO2e emitted per mile.	0.0926	kgs CO2e per year km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Commute by Transit (tram, subway)	Assumes a two way commute 245 days a year, with 0.1 kg of CO2e emitted per mile	0.06215	kgs CO2e per year km	EPA Emissions Factors for Greenhouse Gases Inventories 2020
Appendix - Global warming potential				
Item	Description			Source
Global Warming Potential Values	The table includes the 100-year time horizon global warming potentials (GWP) relative to CO2. This table is adapted from the IPCC Fifth Assessment Report, 2014 (AR5). The AR5 values are the most recent, but the second assessment report (1995) and fourth assessment report (2007) values are also listed because they are sometimes used for inventory and reporting purposes. For more information, please see the IPCC website (www.ipcc.ch).			https://www.ghgprotocol.org/sites/default/files/ghgp/Global-Warming-Potential- Values%20%28Feb%2016%202016%29 1.pdf



#### **CERTIFICATIONS**

#### ISO 9001

- Frontken (Singapore) Pte Ltd (Plant 1)
- Frontken (Singapore) Pte Ltd (Plnt 2)
- Frontken East Malaysia Sdn Bhd (Kuching)
- Frontken Malaysia Sdn Bhd (Shah Alam)
- Frontken Malaysia Sdn Bhd (Kulim)
- Frontken Johor Sdn Bhd
- Frontken Philippines Inc.
- Frontken Projects Pte Ltd

### ISO 14001

- Frontken Malaysia Sdn Bhd (Kulim)
- Frontken Projects Pte Ltd

#### **OHSAS 18001**

- Frontken Projects Pte Ltd

### **BS OHSAS 18001**

- Frontken (Singapore) Pte Ltd (Plant 2)
- Frontken Johor Sdn Bhd
- Frontken Malaysia Sdn Bhd (Shah Alam)
- Frontken East Malaysia Sdn Bhd (Kuching)

















Maintenance & Refurbishment

Re-Engineering (Modifications & Upgrade)

Repair & Overhaul

Re-manufacture/life extension

Technological R&D



Reliability & Conservation

Efficiency Improvement

Recovery & Restoration

Renew & Reuse

**Eco-Friendly Innovations** 

Frontken Group is aligned with 11 out of the 17 UN Sustainable Development Goals (SDGs).

Frontken group has long been the trusted technology partner and service provider to the global semiconductor industry. We are a leader in providing next generations of precision cleaning and coating technology to our customers. We are certified with ISO 9001:2015, ISO45001:2018, ISO14001:2015 and we are also dedicated to providing high quality products and services through research, innovation and system management. We always uphold the concept of environmental protection and operating sustainable development enterprises.

We believe that the achievement of the SDGs will be critical to creating a life of dignity and opportunity for all, and we believe technology will play a key role in achieving the SDGs. We support many of these goals through our corporate responsibility and sustainability strategies. We have undertaken an additional mapping to assess how our key focus and programmes relate to these goals, and the areas that we believe we have most impact as a business.

















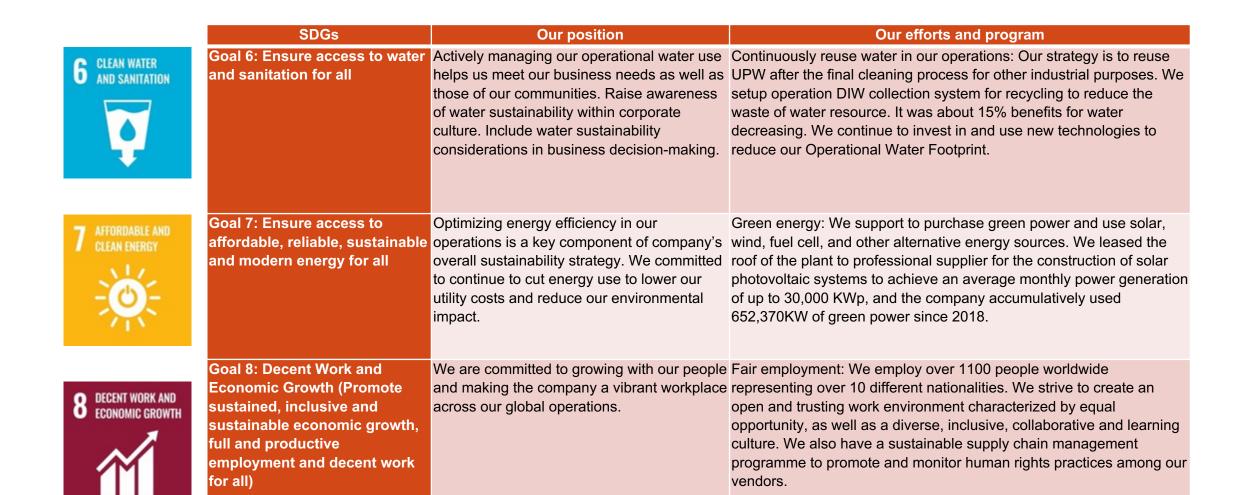
















**SDGs** 

Infrastructure: We continuously invest in our operation to offer a superior customer experience and to conduct technology development. change makers to bring creative solutions to



Goal 10: Reduced Inequalities
(Reduce inequality within and
among countries)

and production patterns)

We are committed to creating equal opportunity for both our people and our communities.

**Our position** 

We innovate continuously to stay at the

forefront to bring the latest and the best

solve social problems.

services to our customers, and works with

Equal opportunity: We create an open and trusting workplace environment characterized by equal opportunity, as well as a diverse, inclusive, collaborative and learning culture.

Our efforts and program



Goal 12: Responsible	We actively monitor our waste managemen
Consumption and Production	practices as part of our business operations
	and environmental conservation efforts.
(Ensure sustainable consumption	

nt Going green: We aim to reduce paper use in our operations and as actively promote the 3Rs - Reduce, Reuse and Recycle - to our people. We will provide recycling facilities for the disposal chemical.



### **COVID-19 IMPACT**

- Implementation of "Guidelines on Workplace Prevention and Control of COVID-19" at the outset of the pandemic.
- Safety and prevention efforts to protect our employees including:-
  - Social distancing during work,
  - Daily temperature checks,
  - Use of masks, gloves and sanitizers (provided by the Company),
  - Frequent disinfection of common area and service vehicle.
- Conferences and meetings were conducted online to minimize physical contacts.
- Business operations remain normal with minimal disruption.
- Business remains strong as the FY2020 revenue and profit after tax show year on year growth of 8% and 19% respectively.



### **COVID-19 IMPACT**

### Workplace Prevention and Control Measures of COVID-19 in all the facilities



Foot, bath & distance marking



Pre-entry checks



Pre-entry checks



Visual and Signages



Visual and Signages



Frequent disinfection



Sanitizer



Vehicle disinfection



Designated area



Designated area for meal



Physical distancing of 2m (rest area)



Single use disinfectant wipes

### TABLE OF CONTENTS

## COMPANY INTRODUCTION

- Company Overview
- Investment Highlights

## CORPORATE OVERVIEW

- Milestones
- Group structure
- Board of Directors
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- Shareholder Structure
- Statement of Commitment to Minority Shareholders

### BUSINESS OVERVIEW

- Key Segment
- Value Chain
- Locations
- ESG & Sustainability
- COVID-19 business impact

### GROWTH DRIVERS

- Growth Strategy
- Macroeconomic Tailwinds for the Semiconductor Market
- Semiconductor Growth Forecast
- Business Outlook

## FINANCIAL OVERVIEW

- Financial Highlights
- Balance Sheet Summary
- Dividends

### **GROWTH STRATEGY**



### **New Revenue Potential**

- Identify new markets or areas where the Group is not operating in such as the United States and China.
- Product/ Service line expansion through qualification of new process technologies.



### **Ongoing R&D**

Focus on core offerings and automation while covering broader product/ service portfolio in other semiconductor applications.



#### **Customer centric**

- Work closely with key customers, actively develops solutions, innovations and optimization to the process technologies.
- Take account of customer's feedback and provide quick response time.



### **Facilities Expansion**

 Improved work efficiency and process flow with better resource allocation.



### M&A

 Identify and acquire new assets that complements the existing business based on detailed internal portfolio review and the Group expected return of investment (ROI).

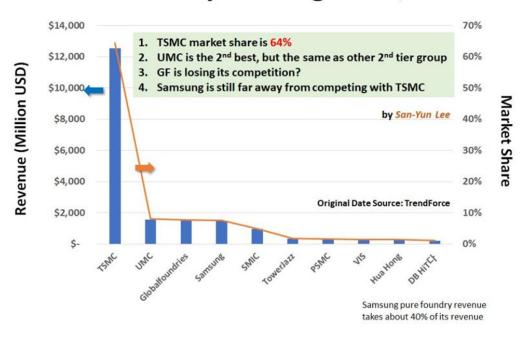
### MACROECONOMIC TAILWINDS FOR THE SEMICONDUCTOR MARKET

- Semiconductor Space Looks extremely good In 2021 and 2022.
- The shift of semiconductor fab processes from 7 nm and even 5 nm technology is creating a lot of new business avenues.
- Semiconductor chip demand is expected to boom with the 5G boom in Asia, including Taiwan, Korea, China and Singapore.
- Expects 5G smartphone shipments to grow to 58% in 2024 from 19% of global volume in 2020.
- Semiconductor market is now predicted to improve 8.4% in 2021, based on double-digit growth of memory and optoelectronics.
- New AI and ML, momentum in digitization, high performance computing ("HPC") applications, are creating massive growth in the semiconductor space.
- The Coronavirus crisis is likely to accelerate the digitization push, with work-from-home and web-based learning. High-speed 5G roll out is also expected to accelerate the adoption of Internet-of- Things ("IoT"). These are expected to result in unprecedented demand for memory chip, power amplifier and AI semiconductors that will benefit the chip companies in 2021.

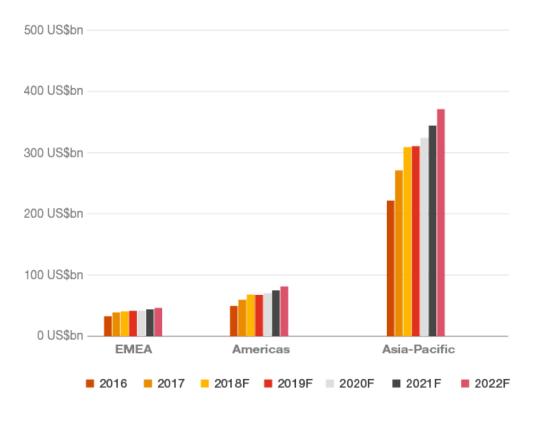
### SEMICONDUCTOR GROWTH FORECAST

Demand for semiconductor chips continue to increase, driven by growth in mobile, storage, high performance computing, and automotive applications

## Pure Foundry Ranking in Q4, 2020



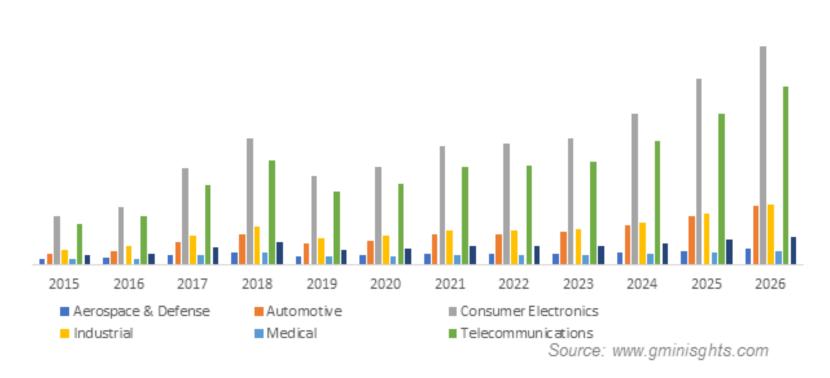
### Semiconductor revenue by region



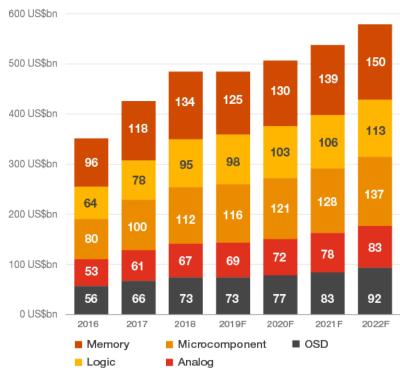
Source: PwC Research: Opportunities for the global semiconductor market report

### SEMICONDUCTOR GROWTH FORECAST

### Semicondcutor Memory Market Size, By Application, 2015-2026 (USD Million)



#### Market growth by component type



Source: PwC Research: Opportunities for the global semiconductor market report

#### **BUSINESS OUTLOOK**

Semiconductors are essential technology enablers that power many of the cutting-edge digital devices we use today. The global semi-conductor industry is set to continue its robust growth well into the next decade due to emerging technologies such as autonomous driving, artificial intelligence, 5G and Internet of Things, coupled with consistent spending on R&D and competition among key players in the market.

Consequently, the Group is seeing advancement and deployment of new innovative technologies following from the gradual roll-out of 5G network globally and we believe these developments in the electronic and technology space, coupled with the strong demand for our customer's advanced nodes' chips, will be positive for our business in years to come.

To that end, the Group is looking to expand its capacity in Taiwan by setting up a new state of the art facility in anticipation of increase in the demand for our services relating to tools involved in the manufacturing of the leading edge chips which we are given to understand will be commercially available in 2022. We are currently already supporting our customer during their R&D production stage for this latest node.

In addition to the new facility in Taiwan, we are also exploring the viability of setting up a new facility overseas to further support our customer's expansion abroad.

As for the oil and gas industry, we noticed that new orders are trickling in towards the end of 2020 from the various umbrella contracts for provision of manpower supply and also mechanical rotating equipment services and parts that we have with the Petronas Group of Companies. We hope this momentum will pick up further throughout 2021. Looking at the strong appreciation of the Brent crude oil price thus far this year, we are cautiously optimistic that our oil and gas division will perform better than last year.

In line with global optimistic outlook, the Group anticipates that the overall business conditions in 2021 to be better than 2020. To that end, we are cautiously optimistic that our business will be able to continue with its growth momentum during the year and are excited with what lies ahead for us.

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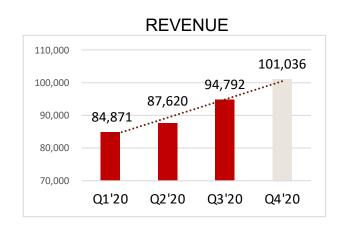
## GROWTH DRIVERS

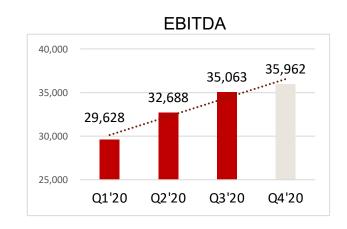
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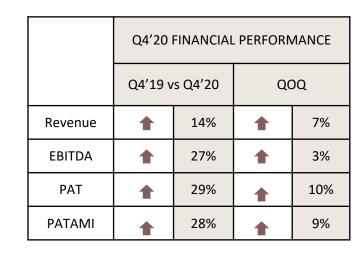
## FINANCIAL OVERVIEW

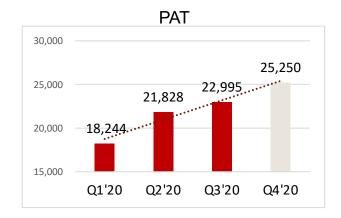
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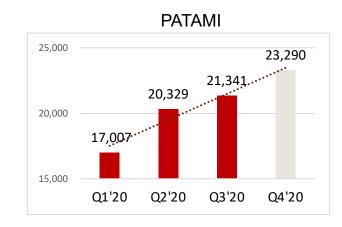
### REVENUE, EBITDA, PAT and PATAMI Q1'2020- Q4'2020 (RM'000)







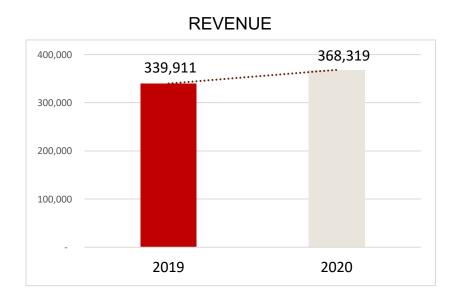


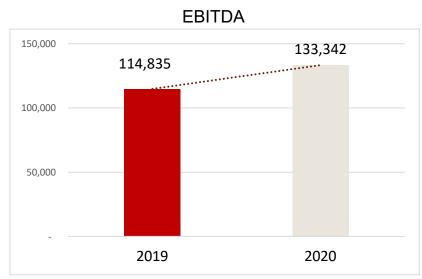


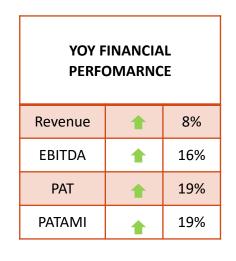
#### Notes:

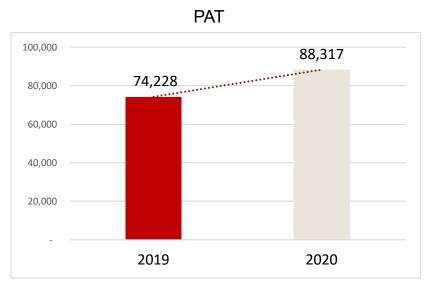
- Best quarter Revenue, EBITDA, PATAMI and PAT in Q4'20.
- The group's Taiwan's operation enjoyed strong demand and orders from customers' advanced nodes' chips.
- The higher profit growth was mainly due to improved revenue and better profit margin resulting from the continual efforts to improve efficiency across the Group.
- Weaker contribution from the O&G units, which were impacted by Covid-19.

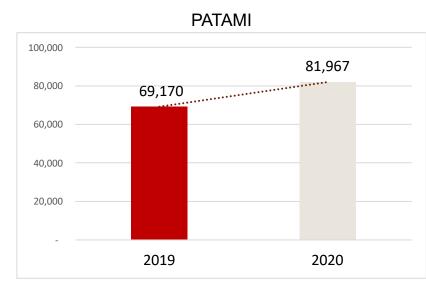
## REVENUE, EBITDA, PAT and PATAMI FY2019 vs FY2020 (RM'000)

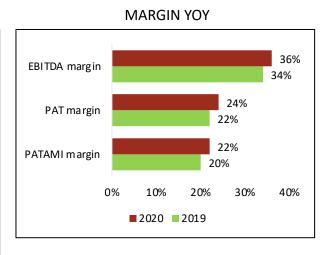






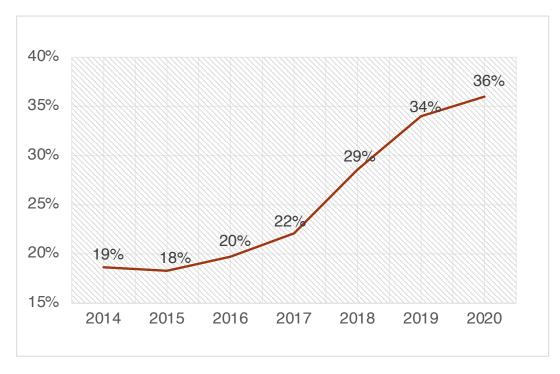




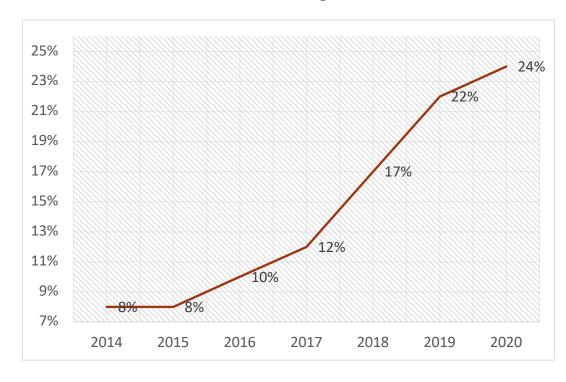


### EBITDA and PAT Margin (FY2014- FY2020)

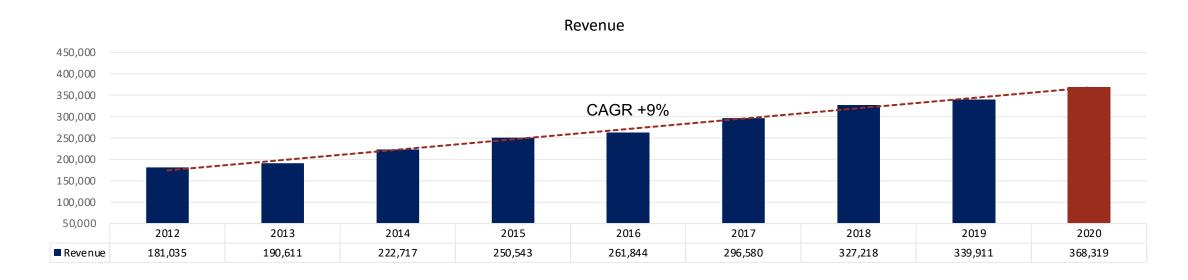
EBITDA margin



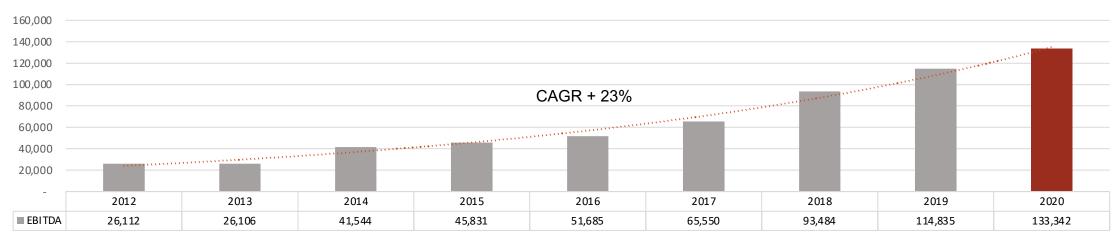
### PAT margin



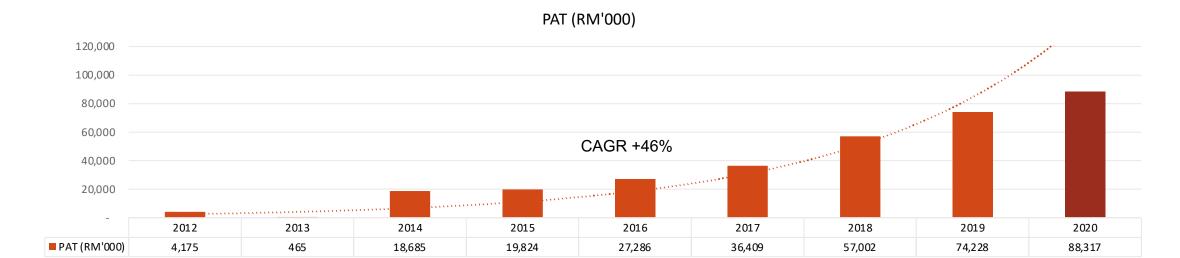
## FINANCIAL HIGHLIGHTS (FY2012- FY2020)





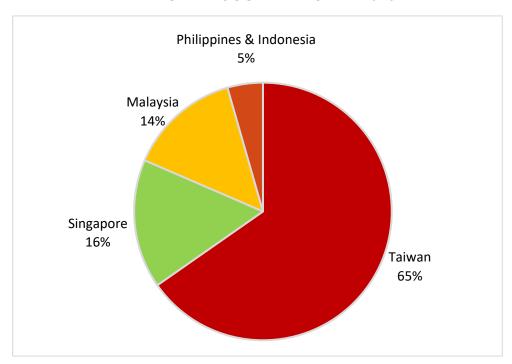


### FINANCIAL HIGHLIGHTS FY2012- FY2020

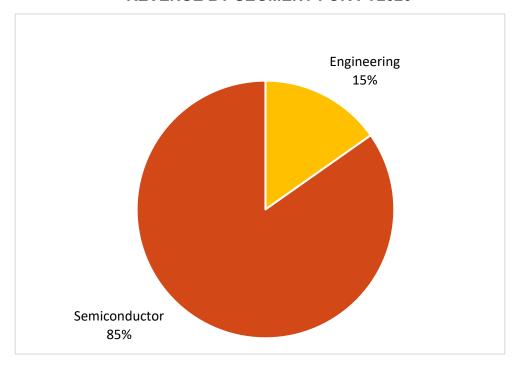


### **REVENUE BREAKDOWN**

#### **REVENUE BY COUNTRY FOR FY2020**



#### **REVENUE BY SEGMENT FOR FY2020**

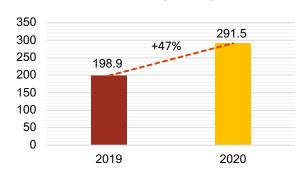


### **BALANCE SHEET SUMMARY**

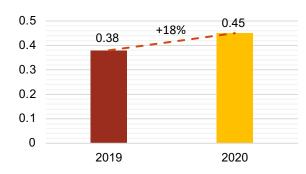
	Unaudited 31 Dec 2020 RM'000	Audited <u>31 Dec 2019</u> RM'000
Non-current assets	175,212	181,523
Current assets	442,906	334,202
Total Assets	618,118	515,725
Capital and reserve Share capital Treasury shares Reserves Equity attributable to owners of the Company Non-controlling interests	118,925 (663) 321,733 439,995 27,039	118,925 (663) 258,710 376,972 21,776
Total equity	467,034	398,748
Non current liabilities	12,677	15,053
Current liabilities	138,407	101,924
Total liabilities	151,084	116,977
Total equity and liabilities	618,118	515,725



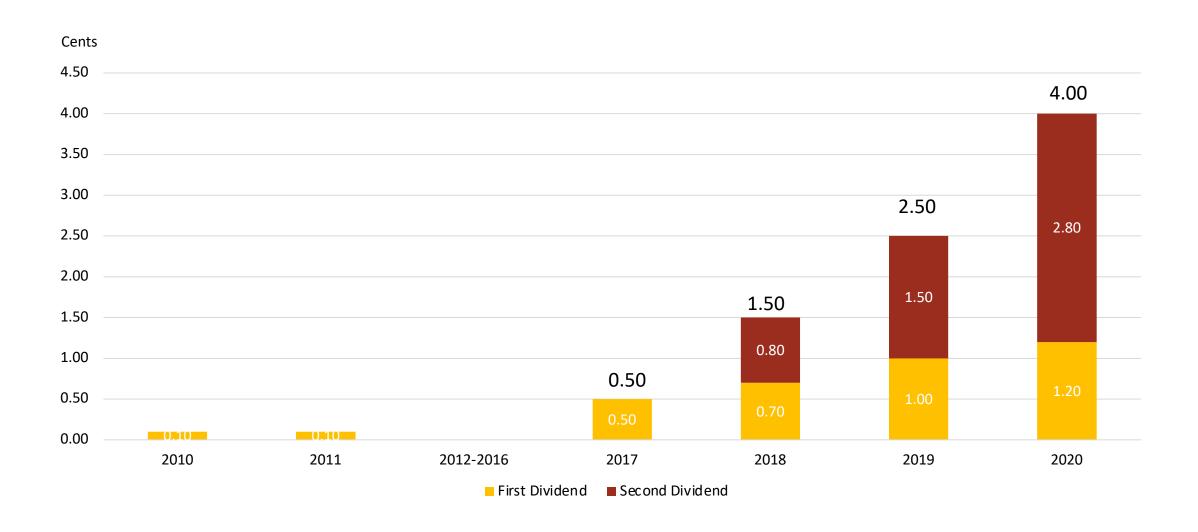
#### Net cash (RM'000)



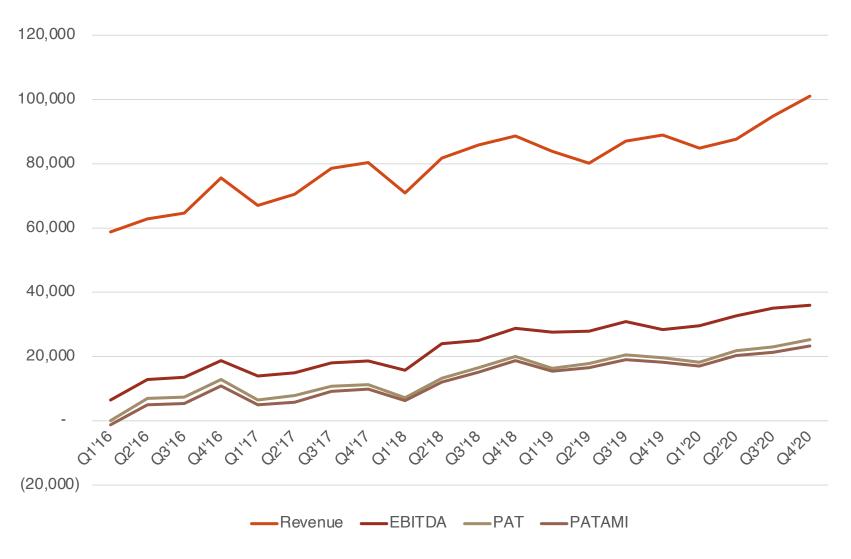
#### Net assets per share (cents)



### **DIVIDEND**



### REVENUE, EBITDA, PAT and PATAMI (2016- 2020)



# THE END

## THANK YOU

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