



SCIENCETECH

**(3583)**

**2021/9/2**

# Safe Harbor Statement

- This Presentation contains certain forward-looking statements that are based on current expectations and are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements.
- Except as required by law, we undertake no obligation to update any forward –looking statements, whether as a result of new information, future events or otherwise.

# Sciencetech Corp (3583: TT)



**Company Establishment** 1979/10/17

**IPO** 2013/3/12

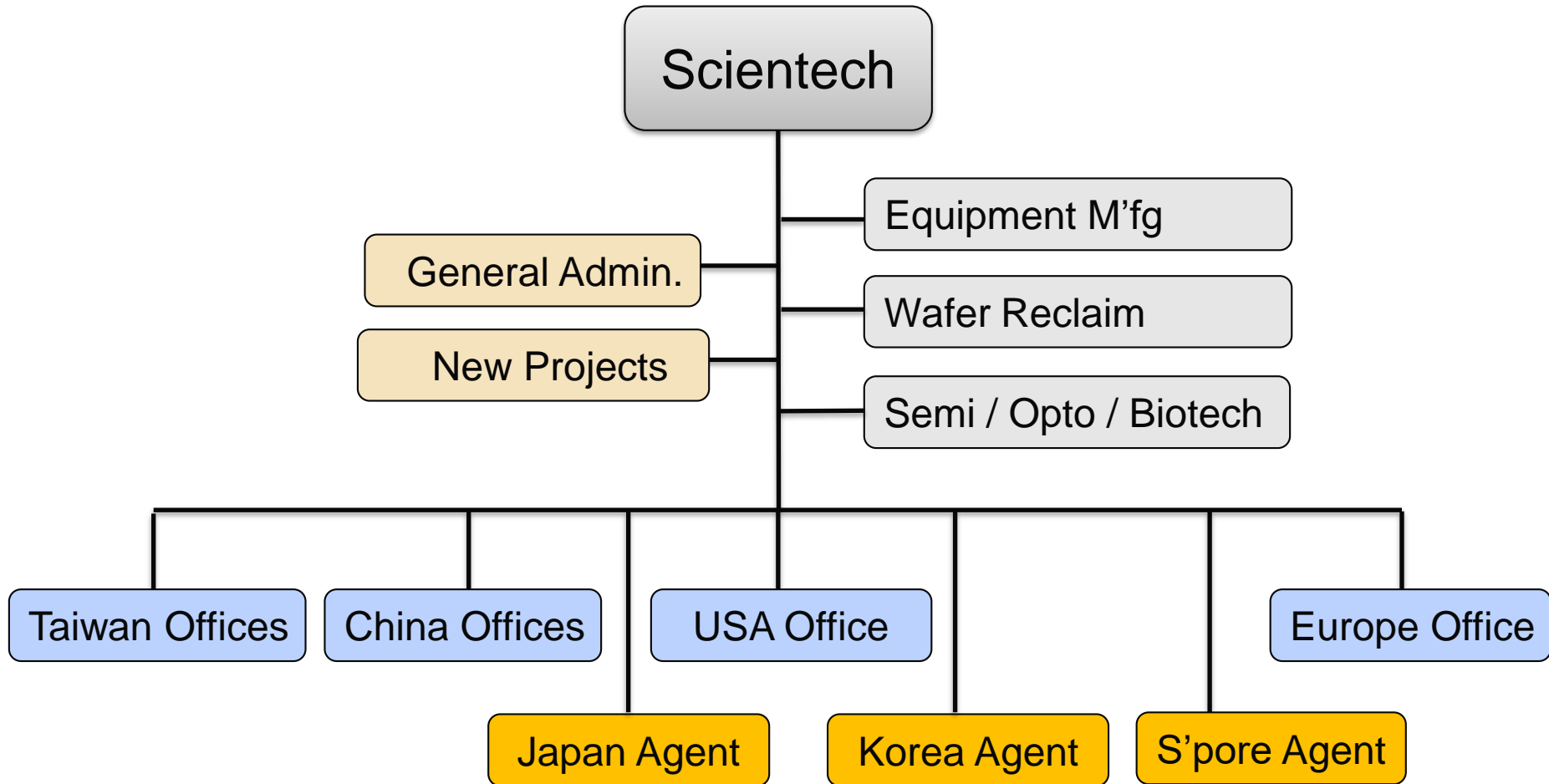
**Capital** NT\$ 811 Million

**Chairman** H.L. Hsieh

**CEO** M.T. Hus

**Products** Equipment Manufacturing 、 Wafer Reclaim 、  
Trading(Agent/Distributor)

# Organization



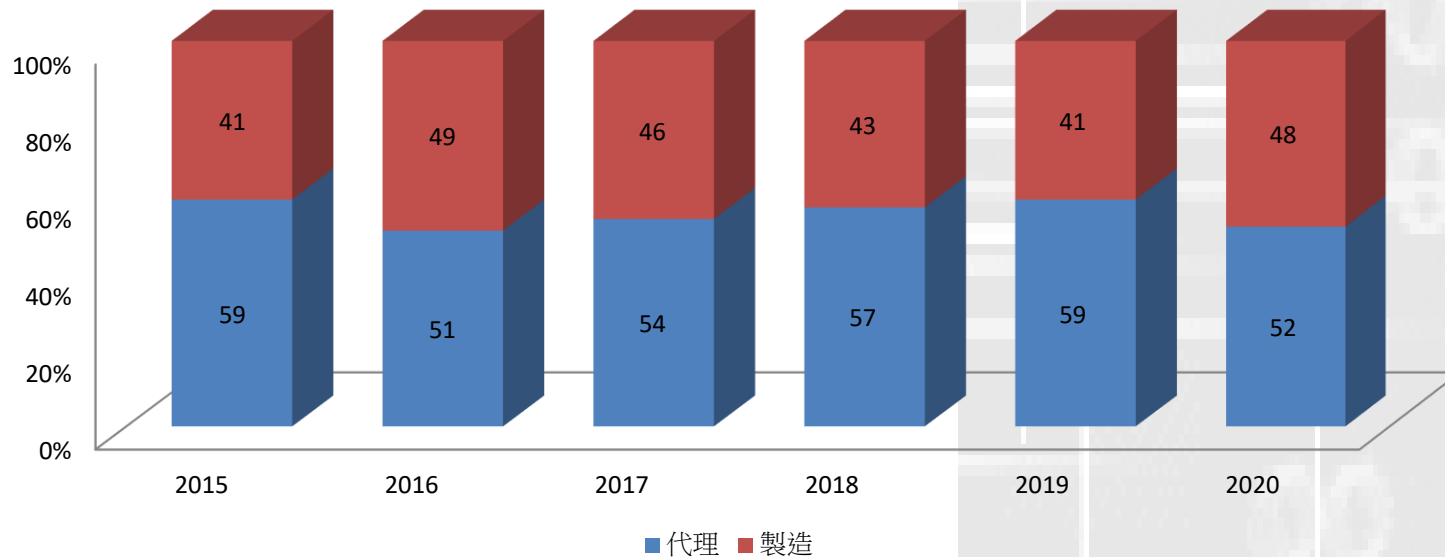
Business  
Overview

Products

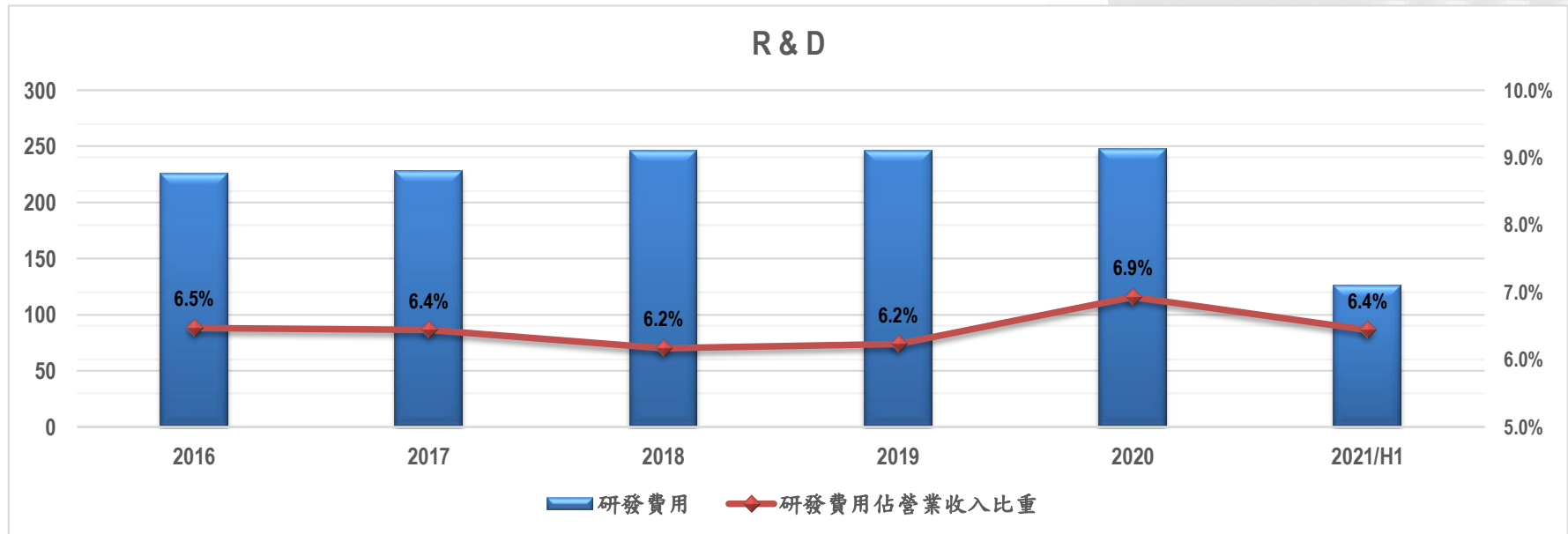
Future  
Prospect

Units : NT \$ M	2016	2017	2018	2019	2020	2021/H1
Revenues	3,495	3,539	3,988	3,949	3,580	1,958
Gross Profit	1,178	1,251	1,448	1,384	1,456	663
Operating Expenses	835	829	935	997	991	472
Operating Income	343	423	514	387	465	191
Other Income and Expenses	21	(8)	26	16	(76)	16
Income Before Tax	363	415	540	403	389	207
Net Income	292	328	418	323	305	167
EPS	3.60	4.05	5.16	4.02	3.80	2.08
Gross Margin	34%	35%	36%	35%	41%	34%
Operating Margin	10%	12%	13%	10%	13%	10%
Income Before Tax margin	10%	12%	14%	10%	11%	11%

Units : %	2015	2016	2017	2018	2019	2020	Gross Margin
Trading	59	51	54	57	59	58	Below Average
Manufacturing	41	49	46	43	41	42	Above Average

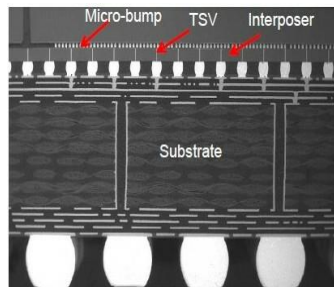
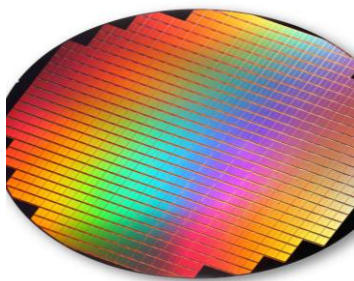


Units : NT \$ M	2016	2017	2018	2019	2020	2021/H1
R&D Expenses	226	228	246	246	248	126
Expenses as % of Revenue	6.5%	6.4%	6.2%	6.2%	6.9%	6.4%

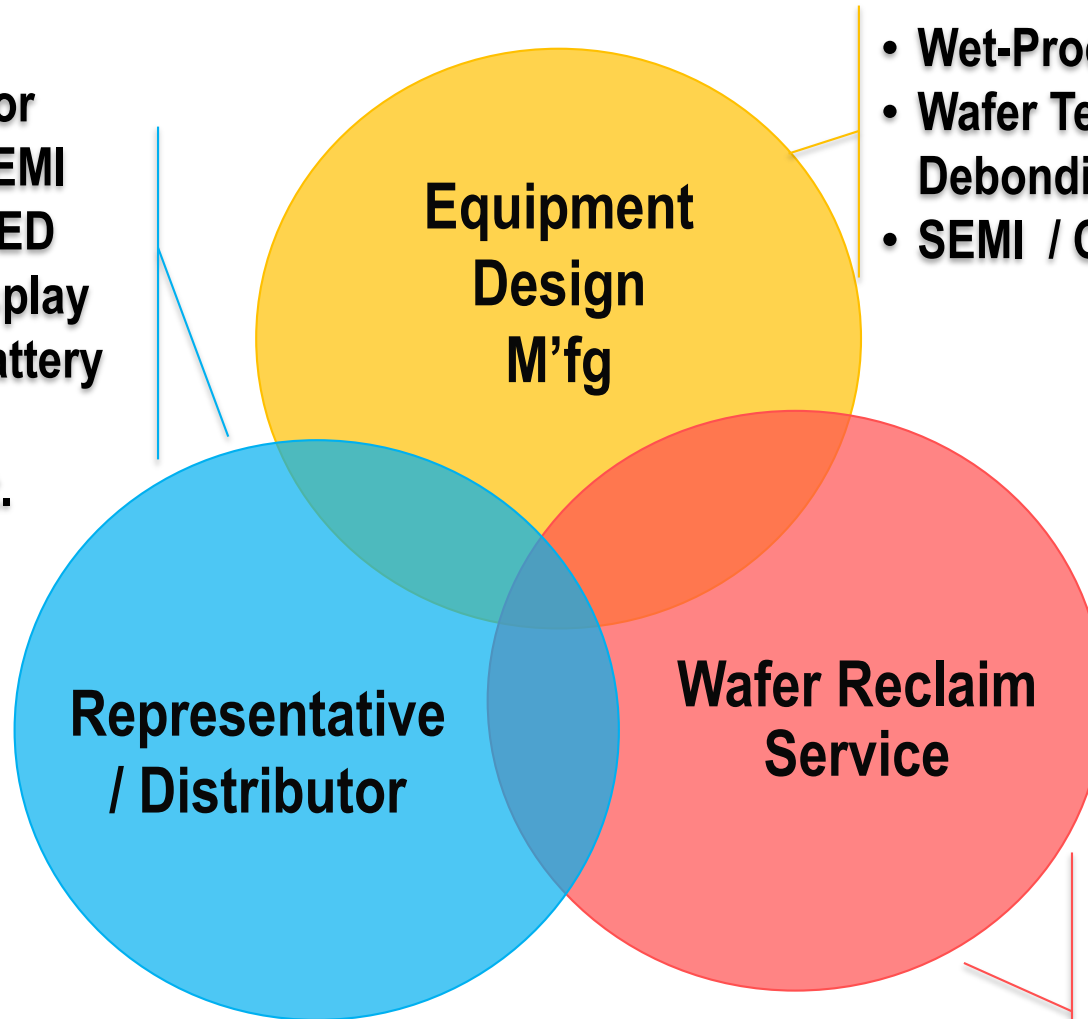




- Industries which we serve:
  - Semiconductor (Front-End and Advanced Packaging)
  - Compound Semiconductor
  - LED / Mini LED / Micro LED
  - Flat Panel Display (TFT-LCD, AMOLED, Touch Panel)
  - Solar Cell / Battery
  - Biotech / Chemistry Analysis / Scientific Instrument,...



- Semiconductor
- Compound SEMI
- LED / Micro LED
- Flat Panel Display
- Solar Cell / Battery
- Biotech
- Scientific Inst.



- Wet-Process Tools
- Wafer Temporary Bonding Debonding System
- SEMI / Compound / LED

- 12" Si Wafer
- 6" SiC Wafer

- **Scientech Corp.**



- **12" Wafer Reclaim**
  - ◆ Capacity: 120K / Month
  - ◆ Cu and Non-Cu Process
- **SiC Post Slicing Process and Reclaim**
  - ◆ Capacity: 3K / Month

**Advanced clean technology**

- 65nm/ 45nm Particle
- Low trace metal (<1E10)



**Complete particle inspection (SP1-DLS & SP2)**

*Cleaning*

*Etching*



**Full Process Optimization**



*Polishing*

*Grinding*

**Complete polishing process**



**Super flatness (GBIR<0.5μm)**

- **Sciencetech Corp.**



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- **Wet-Bench / Single-Wafer Wet Process Equipment**
- **Applications:**
  - ◆ **Advanced Packaging Process**
  - ◆ **Semiconductor Front-End Process**
  - ◆ **Compound Semiconductor**
  - ◆ **Microelectromechanical Systems (MEMS)**
  - ◆ **High-End LED Fully-Automatic Advanced Process**



- **Sciencetech Corp.**



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- **Temporary Bonding Debonding System (TBDB)**
- **Application: IGBT Power Device, Advanced Packaging for Semiconductor and LED**
  - ◆ Temporary Bonding System
  - ◆ Temporary Debonding System
  - ◆ Release Layer Formation System
  - ◆ Carrier (Glass) Recycling System



# Trading (Agent/Distributor)



Multi Application

Exclusive Agency



- In the next 10-20 years, the **overall semiconductor industry will grow 5%-6% (CAGR)** which is over than the global GDP growth rate 2.5%-3%
- The continuous development of **12" semiconductor advanced process**
  - **Front-End** : 5nm 、 3nm 、 2nm 、 1nm 、
  - **Advanced Packaging** : Fan-Out 、 CoWoS (2.5D) 、 SoIC(3D) 、 etc.
- The continuous expansion of **China semiconductor fabs** in recent years
- The demand of **8" semiconductor fab** is higher than the supplying capacity
- **Compound semiconductor** :
  - The investments of **electrical car and 5G** are growing tremendously
  - The **third generation of semiconductor** arises. The demand of **high power and high frequency** semiconductor are growing rapidly.
- The new application of **Mini LED & Micro LED** starts and it will lead the LED industry grows again.

# Q & A



***Thank You!***