



# Elite Material Co., Ltd.

**Global leader of eco-friendly laminates**

*Presentation*

*March, 2021*

# Disclaimer

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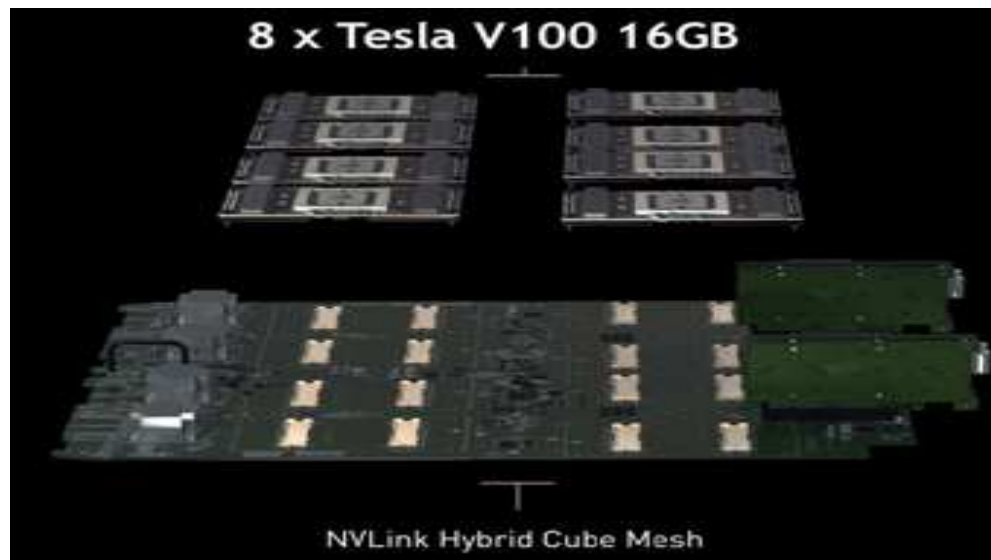
# Content

- **Industry outlook**
- **Financial performance**
- **Appendix**

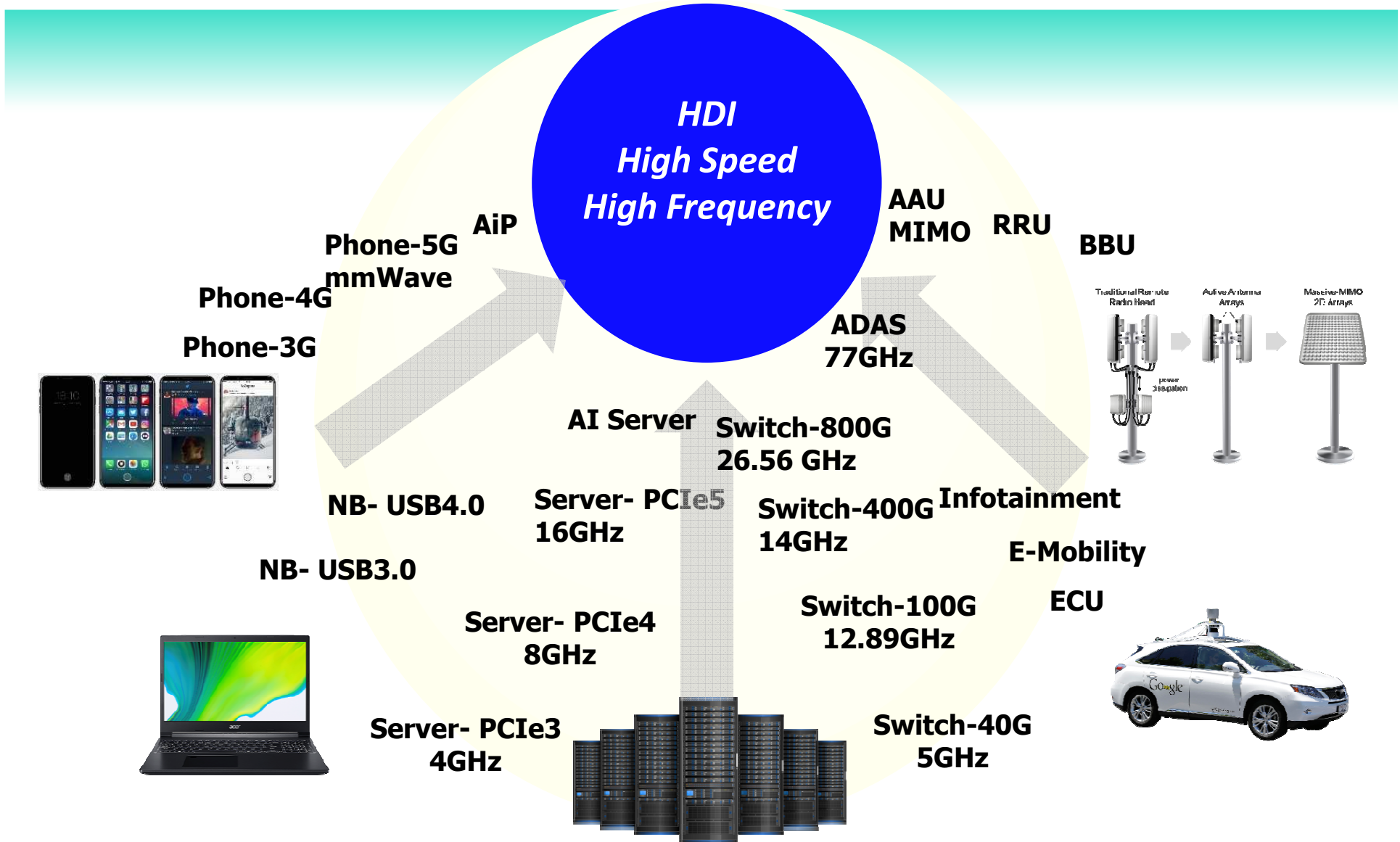
# PCB design of networking infrastructure is migrating

- **Trend 1: Halogen-free. HF laminates are preferred or required.**  
New platforms of PCIe 4 include, but are not limited to, Intel's Whitely, request only halogen-free laminates.
- **Trend 2: HDI. AI semiconductors, GPUs and CPUs, and heterogeneous integration of semiconductors increase pin counts substantially.**  
Fine line/pitch HDI architecture design by PCB constructors becomes common.
- **Trend 3: The manufacturing technique of HDI becomes the must handcraft art of high-end networking board.**
- **Decades of experiences and knowledge EMC accumulated in HF and HDI now a competitive advantage unrivalled by peers.**

Multi-GPUs make a super high speed computing AI Server



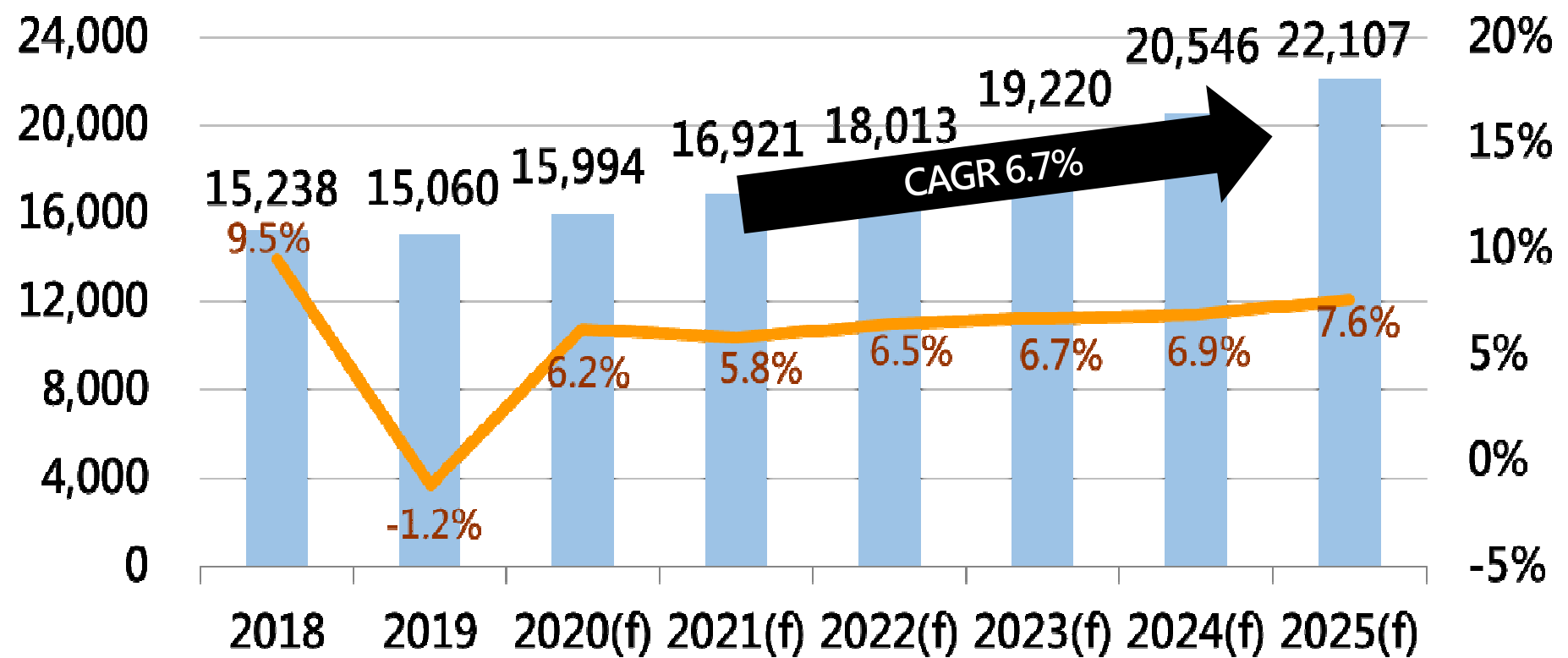
# Trend of 5G infrastructure development: HDI, High Speed, High Frequency





# Global server shipment is increasing for next 5 years

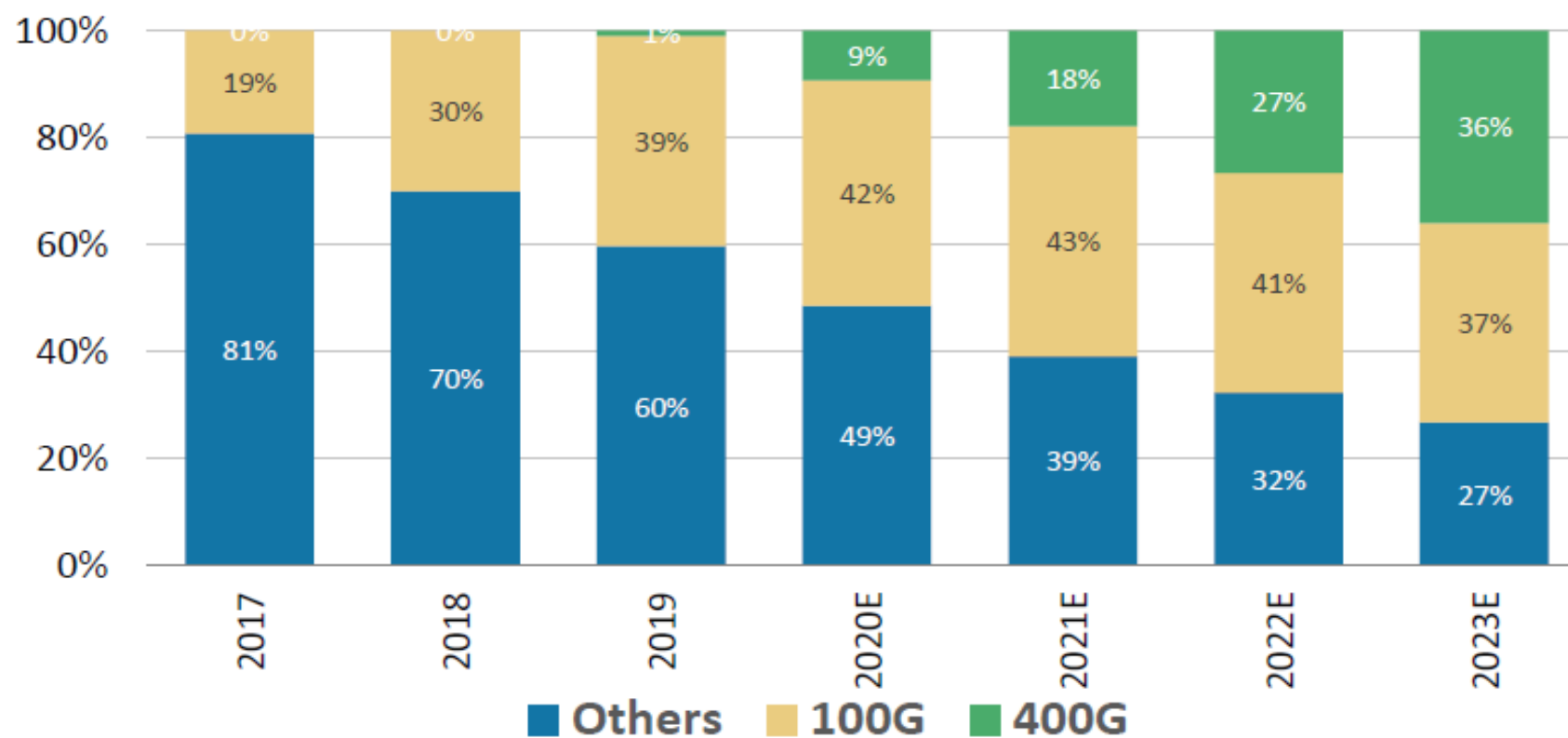
Unit : k set



Source : DIGITIMES Research · 2020/9

# The 100/400G switch is becoming the main stream

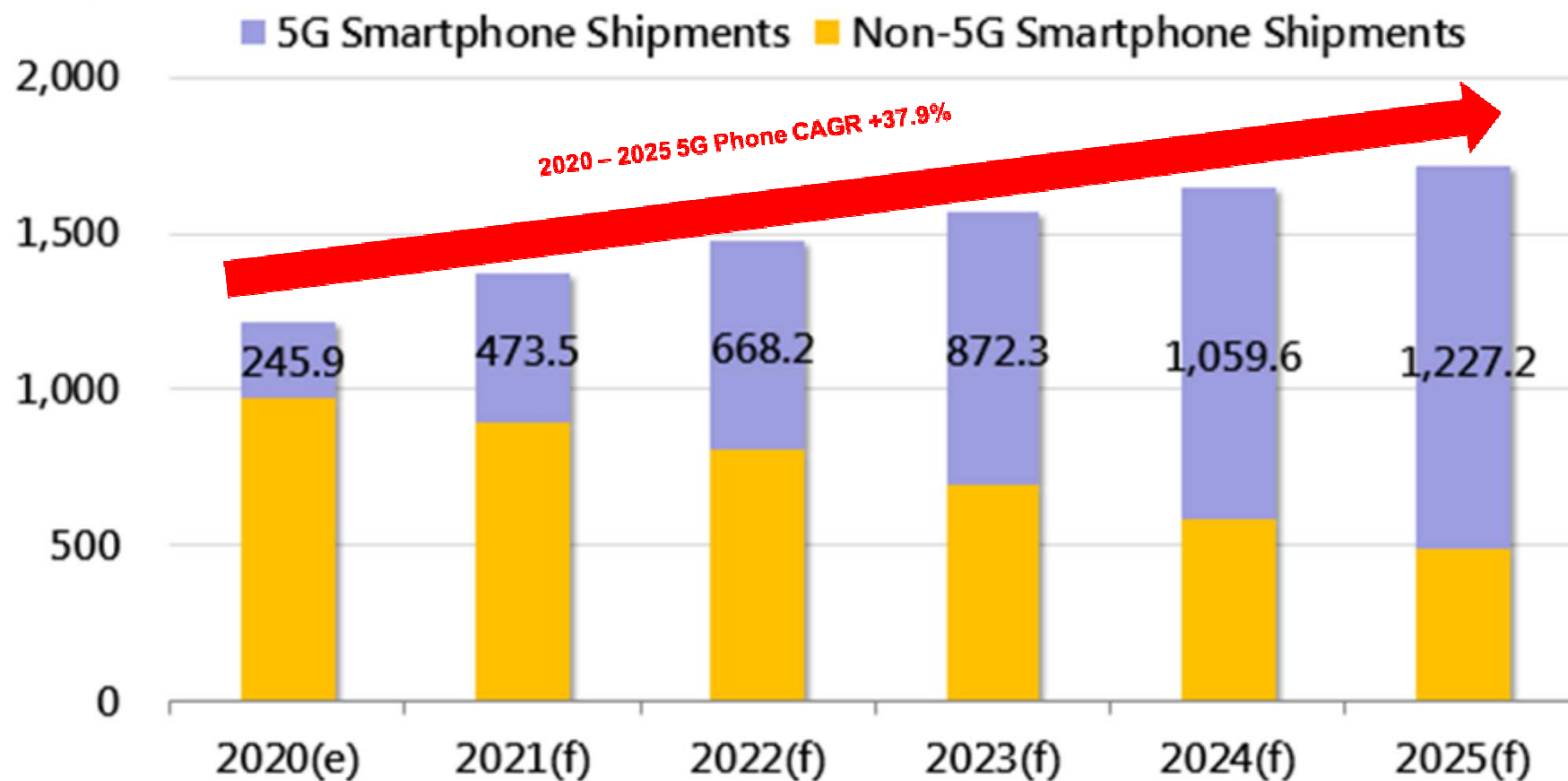
2017~2023 switch split



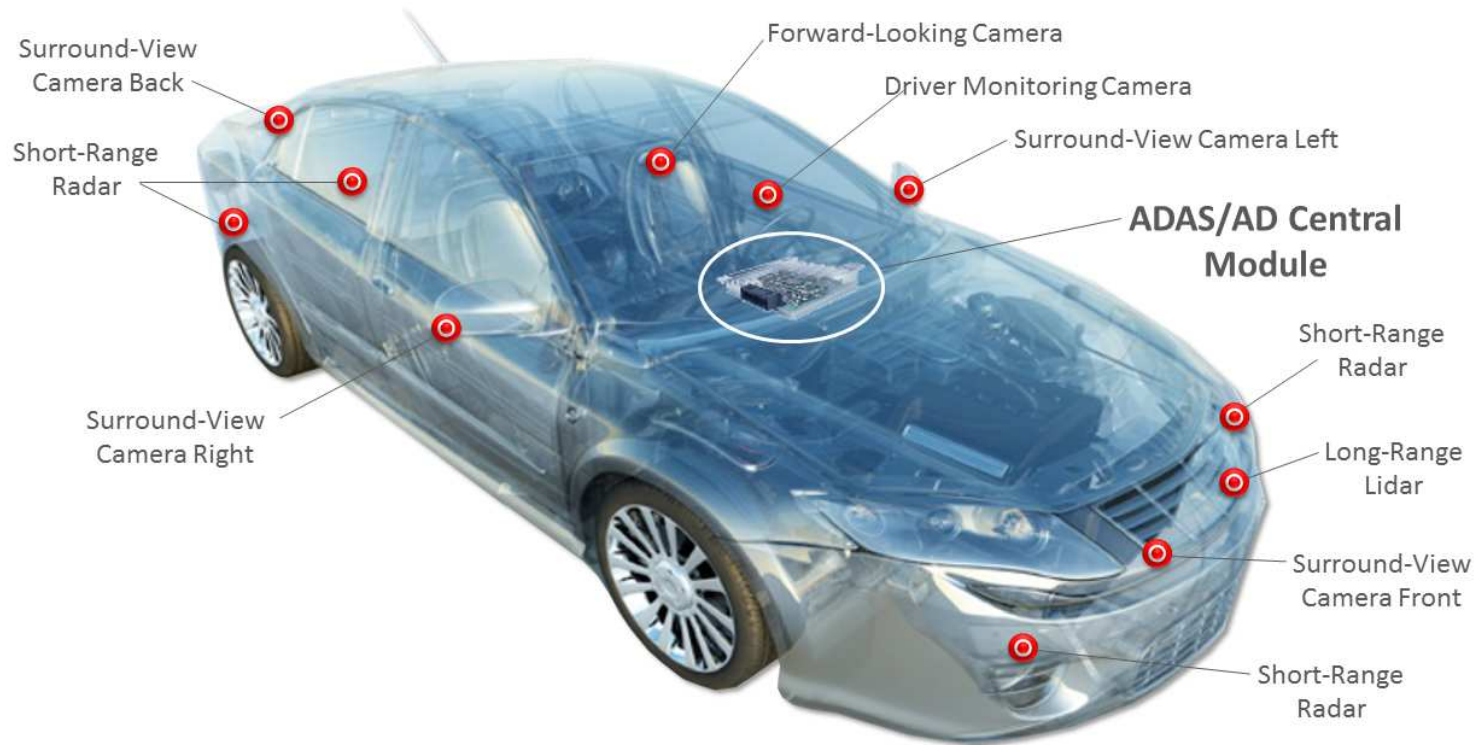
Source: IDC, Morgan Stanley Research

## The CAGR of 5G Smartphone is 37.9%

Unit: Million



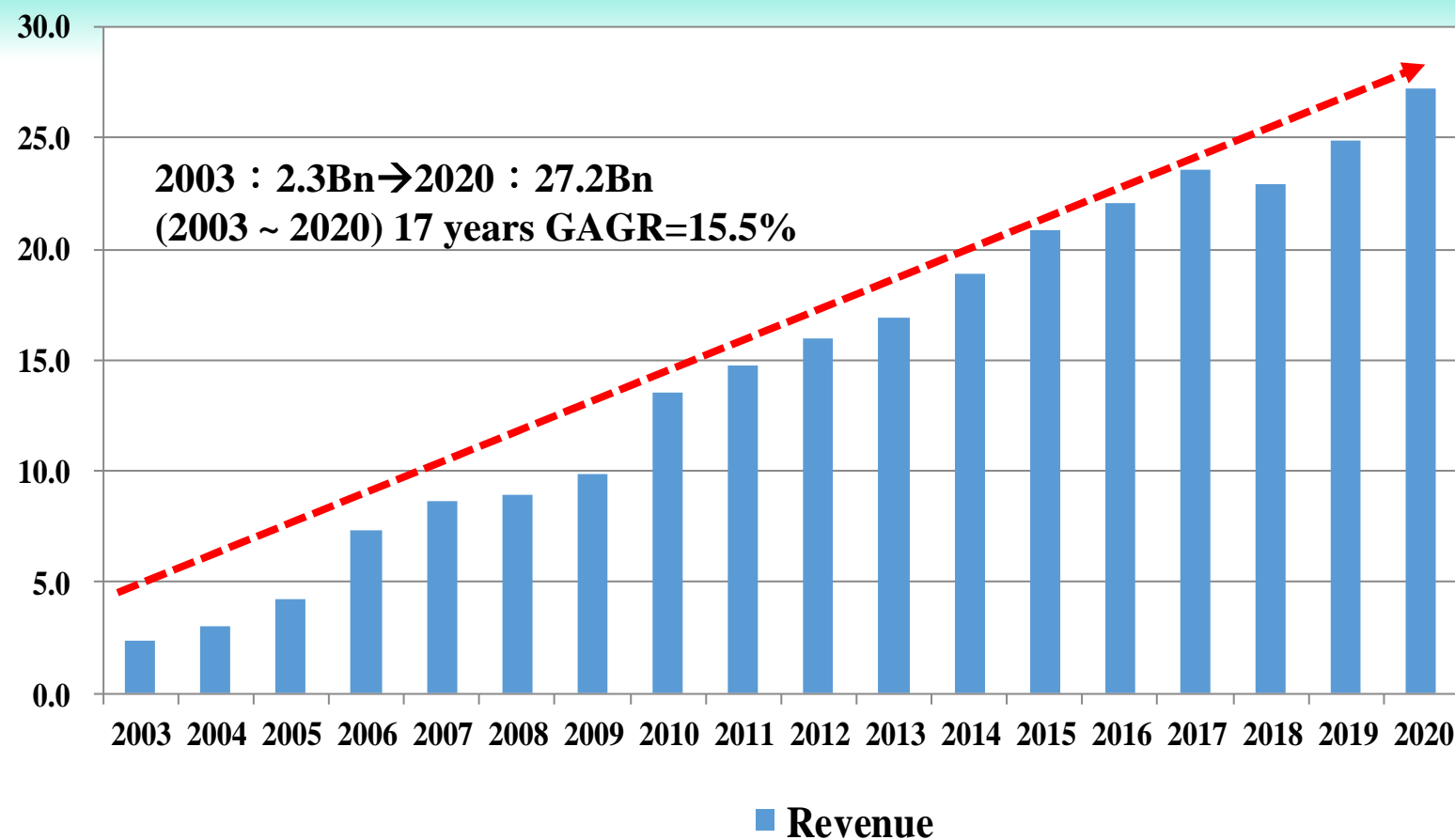
# HDI is a must trend of wide varieties of automotive electronics applications



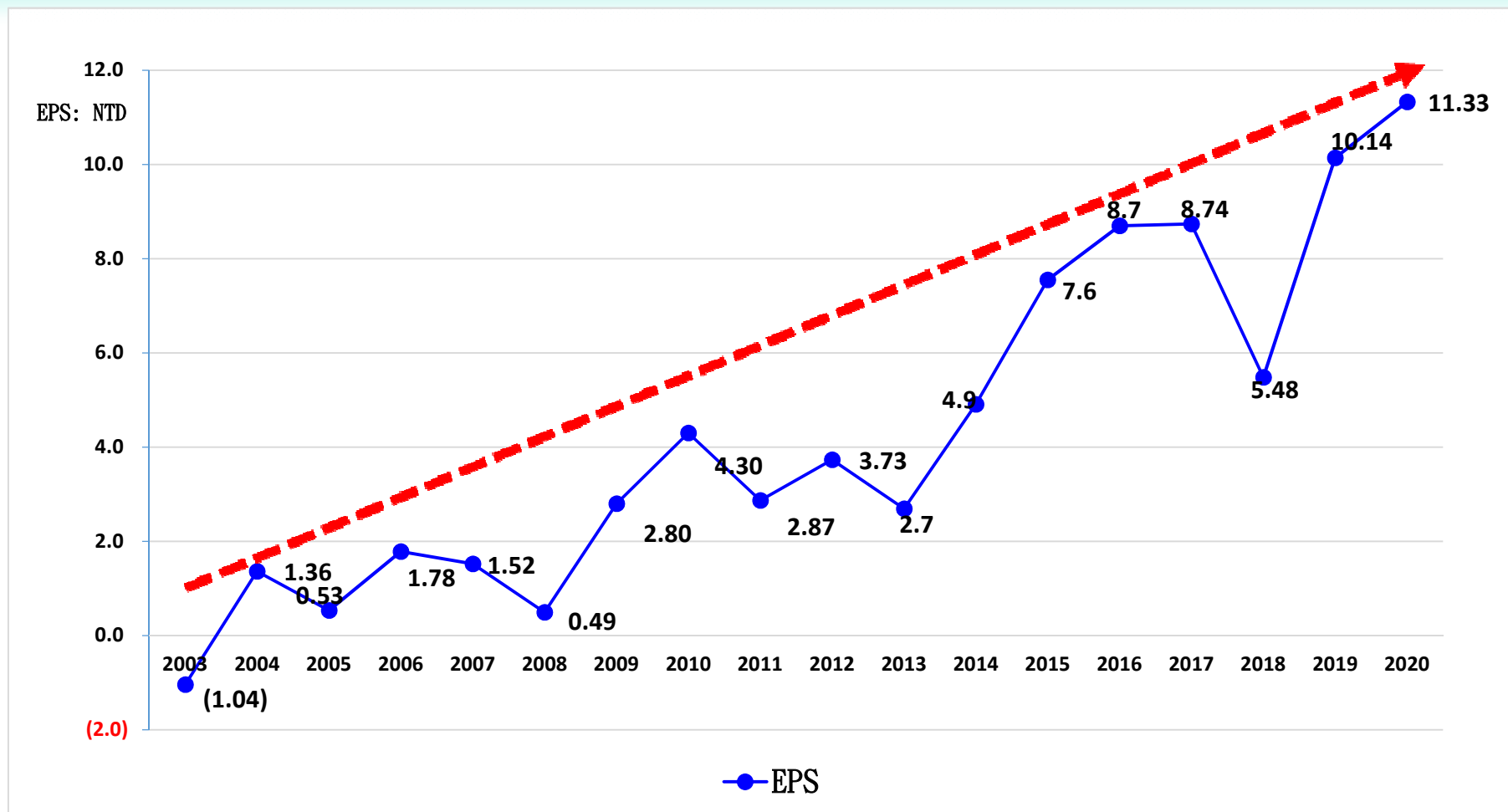
HDI (High-Density Interconnection) PCB adoption in automotive electronics is set to rise in the next 10 years in step with higher penetration of ADAS (advanced driver assistance systems), infotainment systems and telematic systems.

# Sales Revenue

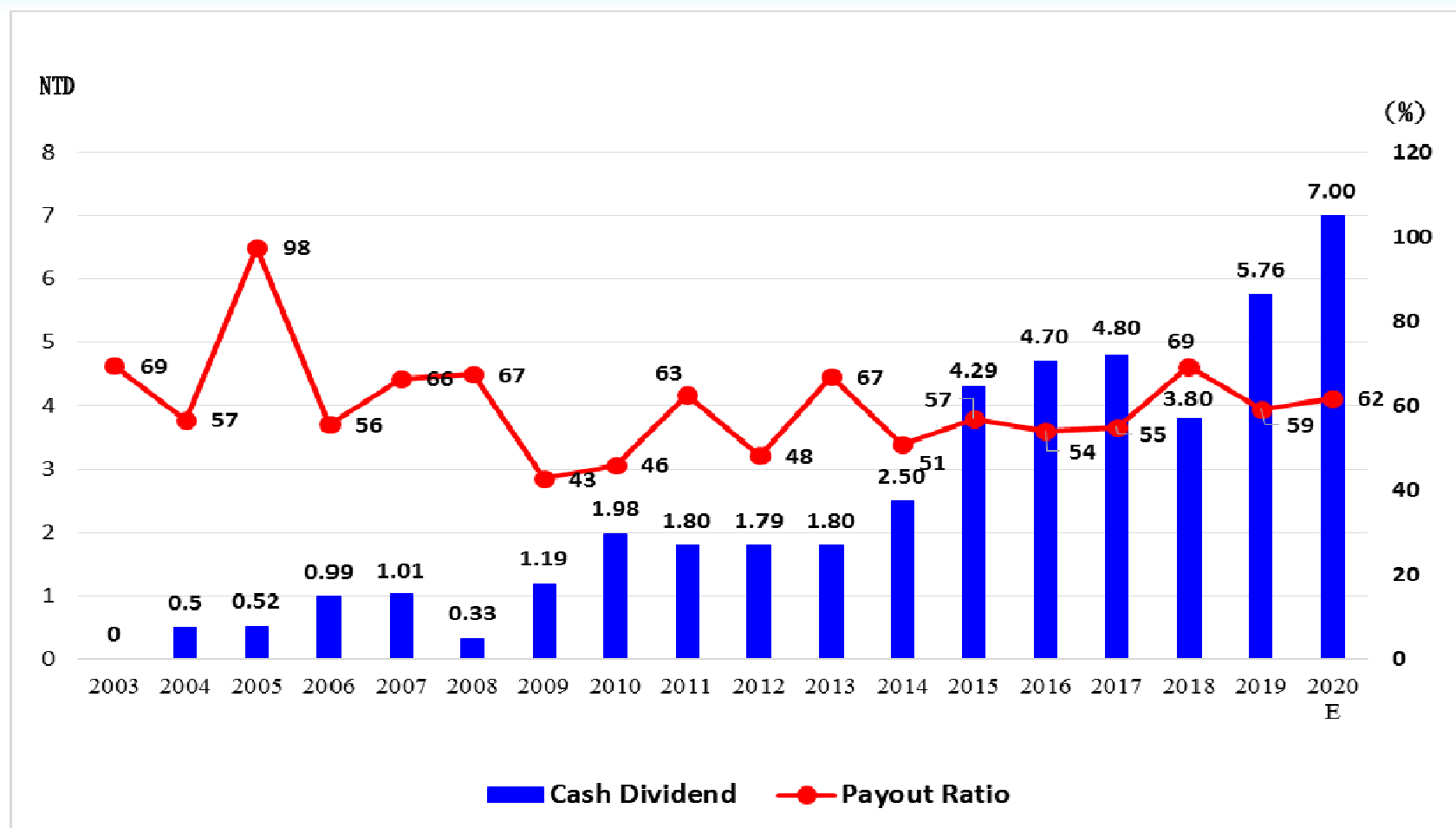
NTD : Billion



# Operation Performance



# History of Cash dividend and Payout ratio



## 4Q20 P&L summary

Unit: NT\$ million

	4Q20	3Q20	QoQ	4Q19	YoY
Revenue	7,517	7,474	0.6%	6,780	10.9%
Gross profit	1,876	2,058	-8.8%	1,722	9.0%
Operating profit	1,203	1,423	-15.5%	1,161	3.6%
Income before tax	1,287	1,438	-10.5%	1,182	8.9%
Tax expenses	(310)	(314)	-1.1%	(45) *	588.7%
Net income	977	1,124	-13.1%	1,137	-14.1%
EPS (NT\$) - basic	2.93	3.40	-13.8%	3.55 *	-17.5%
Gross margin (%)	25.0%	27.5%		25.4%	
Operating margin (%)	16.0%	19.0%		17.1%	
Net margin (%)	13.0%	15.0%		16.8%	

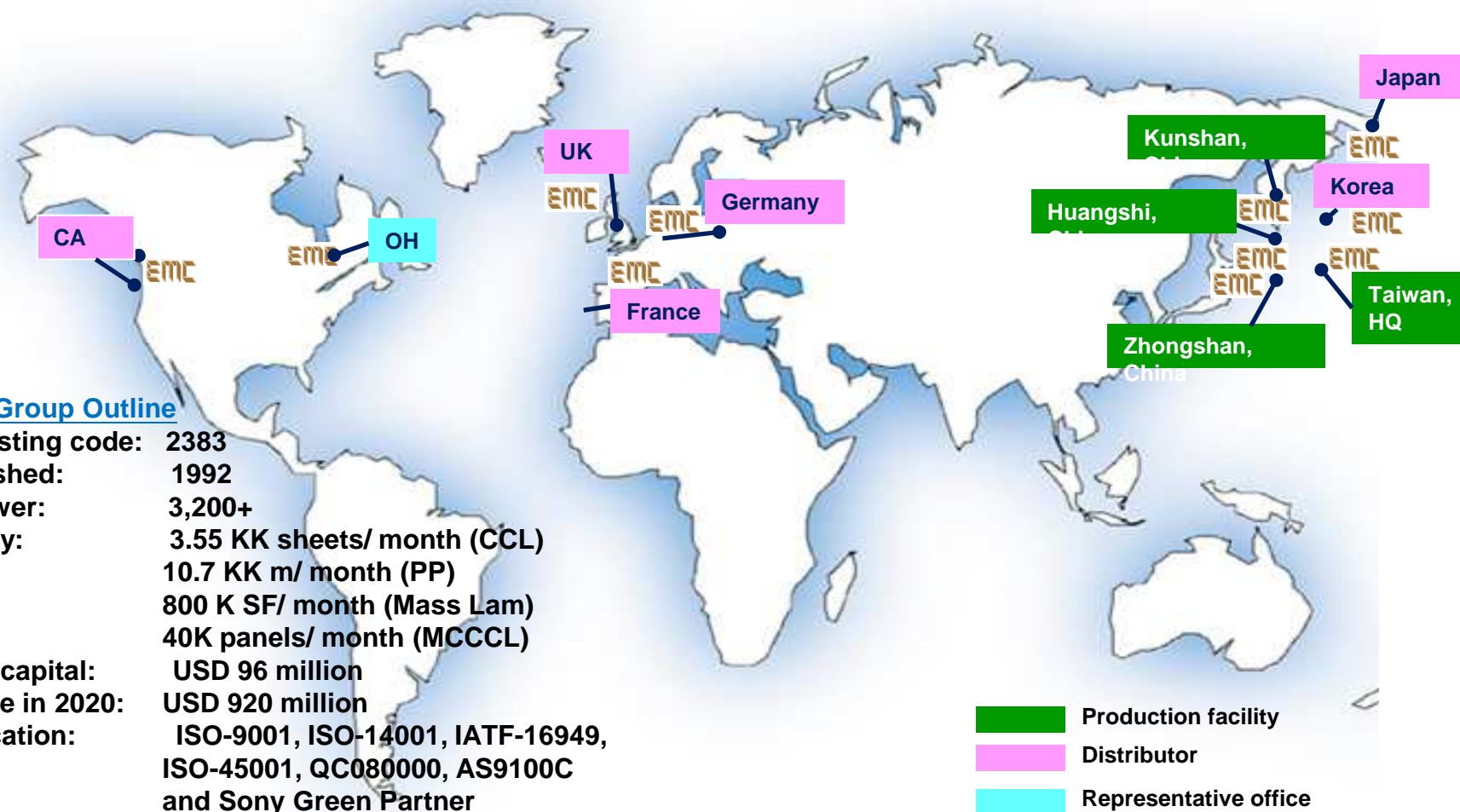
\*Note: Excluding one-off NT\$ 223mn tax credit in Q419, EPS was NT\$ 2.85, YOY up 2.8%.

## 4Q20 Abstracted Balance Sheet

Unit:NT\$ million	4Q20		3Q20		4Q19	
	Amount	%	Amount	%	Amount	%
Cash & Equivalent	5,732	20.6%	5,328	20.2%	6,351	24.7%
A/R+N/R	9,934	35.7%	9,571	36.2%	9,192	35.8%
Inv	3,702	13.3%	3,914	14.8%	2,905	11.3%
PPE	6,531	23.4%	6,016	22.8%	5,858	22.8%
<b>Total Assets</b>	<b>27,857</b>	<b>100.0%</b>	<b>26,406</b>	<b>100.0%</b>	<b>25,704</b>	<b>100.0%</b>
Short term Debt	1,162	4.2%	1,209	4.6%	1,100	4.3%
A/P	5,847	21.0%	6,114	23.2%	5,672	22.1%
Long term Debt	564	2.0%	545	2.1%	643	2.5%
Shareholder's Equity	16,756	60.1%	15,533	58.8%	13,537	52.7%
<b>Total Debt and Equity</b>	<b>27,857</b>	<b>100.0%</b>	<b>26,406</b>	<b>100.0%</b>	<b>25,704</b>	<b>100.0%</b>

# APPENDIX

# Company profile- Global Footprint



## EMC Group Outline

**TAIEX listing code:** 2383  
**Established:** 1992  
**Manpower:** 3,200+  
**Capacity:** 3.55 KK sheets/ month (CCL)  
 10.7 KK m/ month (PP)  
 800 K SF/ month (Mass Lam)  
 40K panels/ month (MCCCL)

**Paid-in capital:** USD 96 million  
**Revenue in 2020:** USD 920 million  
**Qualification:** ISO-9001, ISO-14001, IATF-16949,  
 ISO-45001, QC080000, AS9100C  
 and Sony Green Partner

**UL file number:** E150504

Production facility  
 Distributor  
 Representative office

# Manufacturing Locations and Monthly Capacity

