

PC/ LED/ IC 自動化設備
解決方案

萬潤科技簡介

Presented by Allring

關於我們

創立時間

May 24, 1996

董事長

Larry Lu

資本額

833 Million

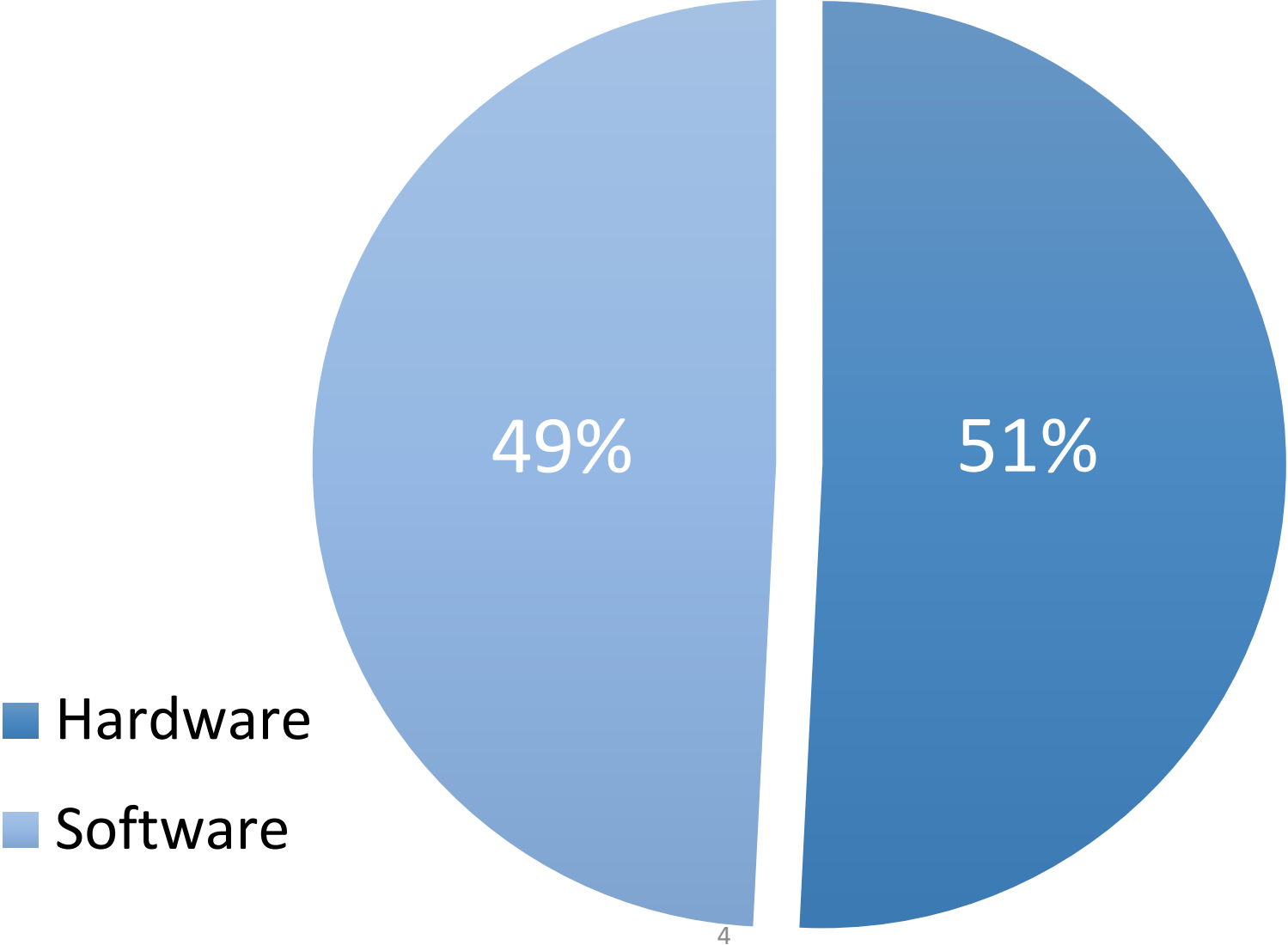
主要業務

專注於半導體、被動元件及LED製程之自動化機械設備

60%

研發人員在整體公司員工數的占比

集團人力資源分佈



先進封裝

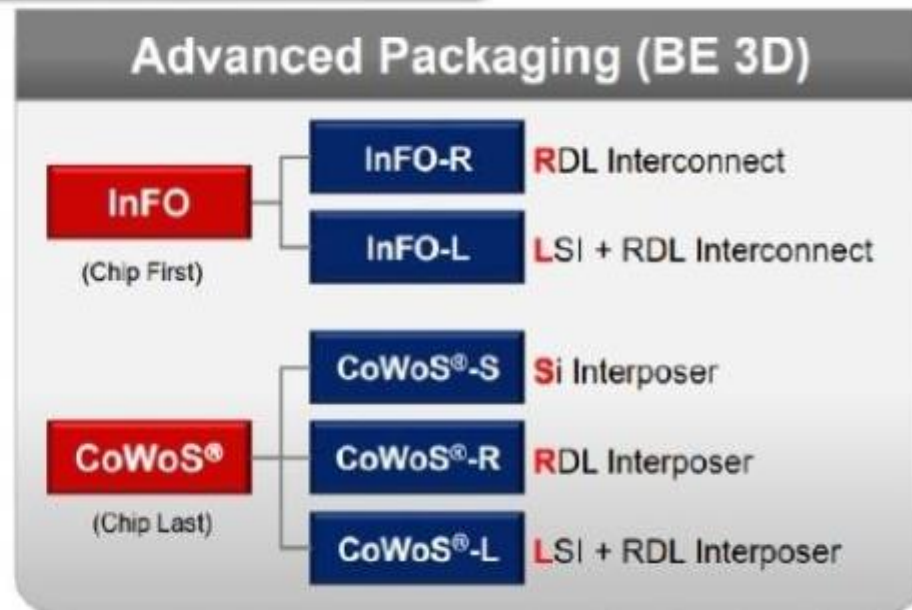
Packaging Type		Manufacturer		Application
SIP (system in package)		OSAT	ASE	Smart phone IoT Mobile
			USI	
		Module house	Hon Hai	
			Luxshare	
		Component	AAC	
			AMS	
3D Package	InFO,CoWoS	Foundry	TSMC	Smart Phone IoT Mobile
	SoIC		TSMC	
Flip chip	2D/2.5D	OSAT	ASE	Smart Phone IoT Mobile
			Spil	
			Amkor	
			Chipbond	
			Powertech	

TSMC's 3D Fabric

TSMC 3DFabric™



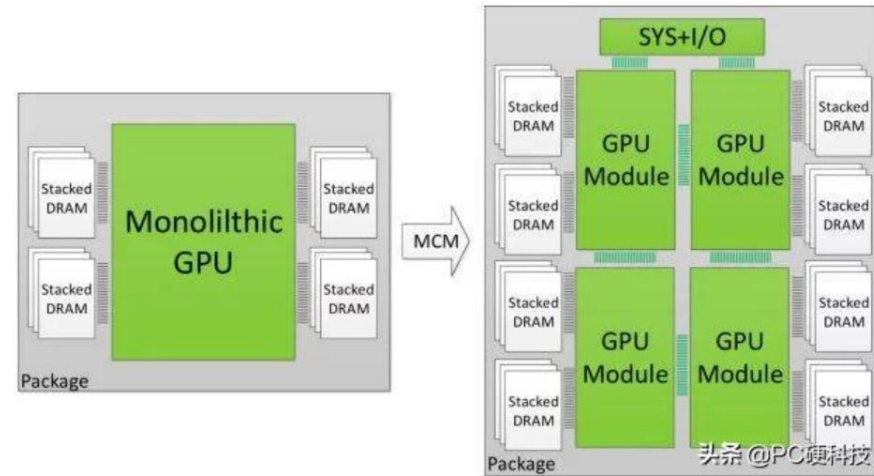
SoIC: System on Integrated Chips



InFO: Integrated Fan-Out
CoWoS: Chip on Wafer on Substrate
RDL: Redistribution Layer
LSI: Local Si Interconnect

先進封裝

- Advanced packaging process
 - High Performance 2D with SoC & SoIC
 - Flip Chip – MCM(SiP)
 - (Multi-chip module ; MCM)
 - 2.5D with SoC
 - COWOS
 - INFO
 - 3D with (SoIC & WoW)
 - COWOS
 - INFO

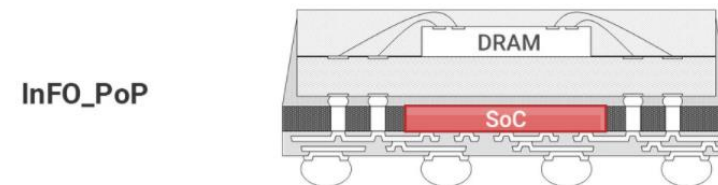
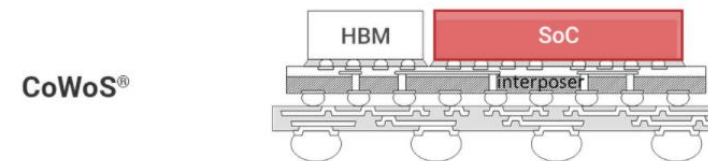


Source: TSMC

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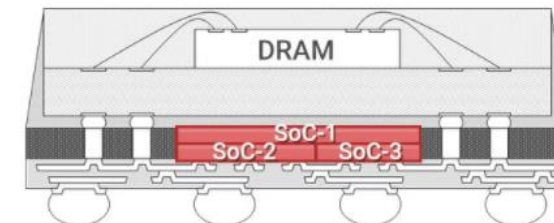
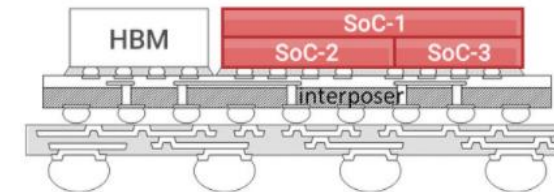
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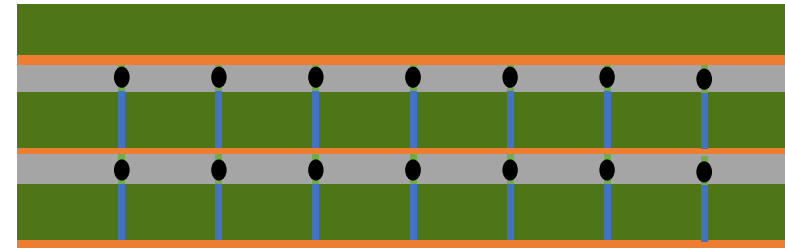
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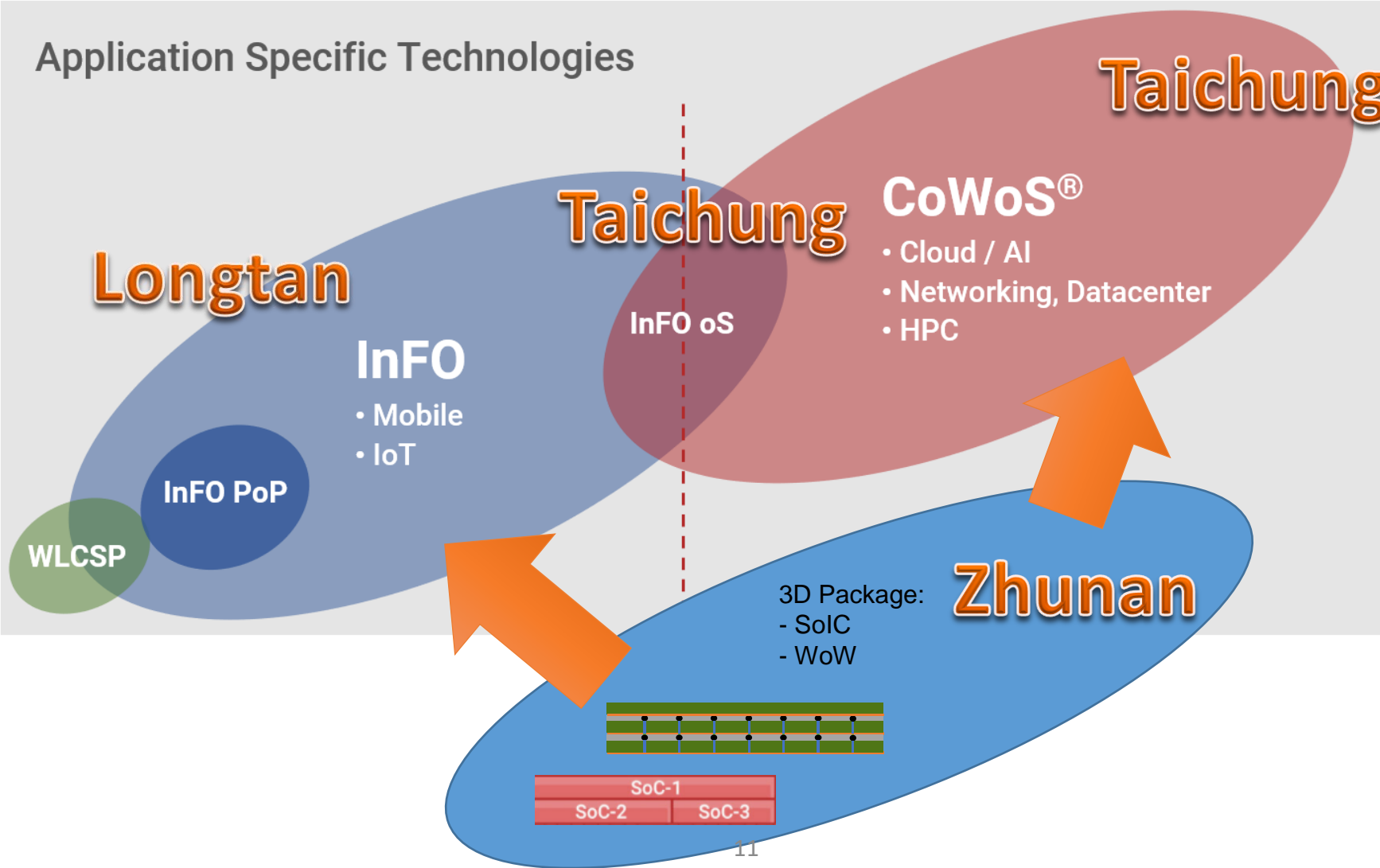
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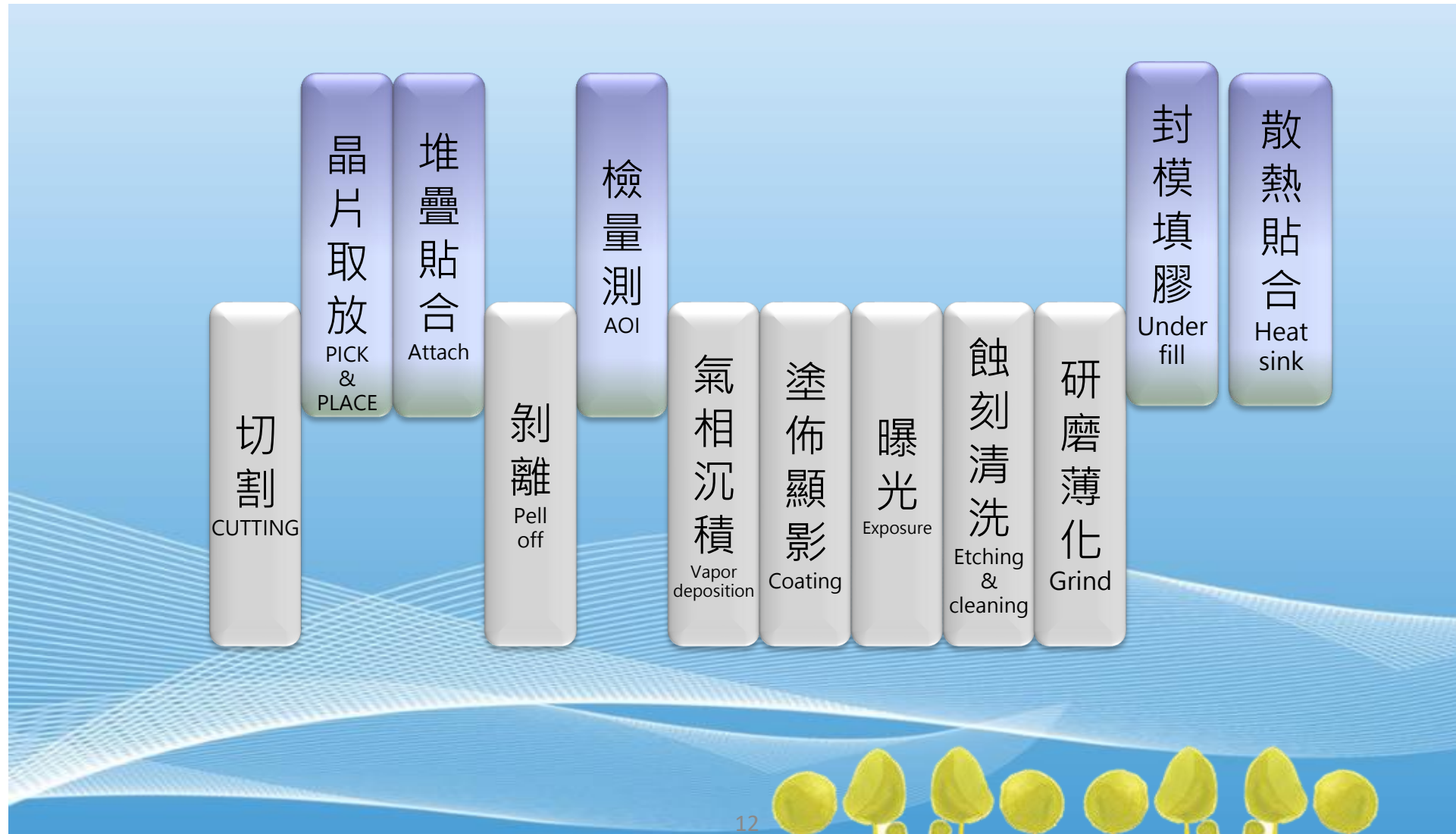
Source: TSMC



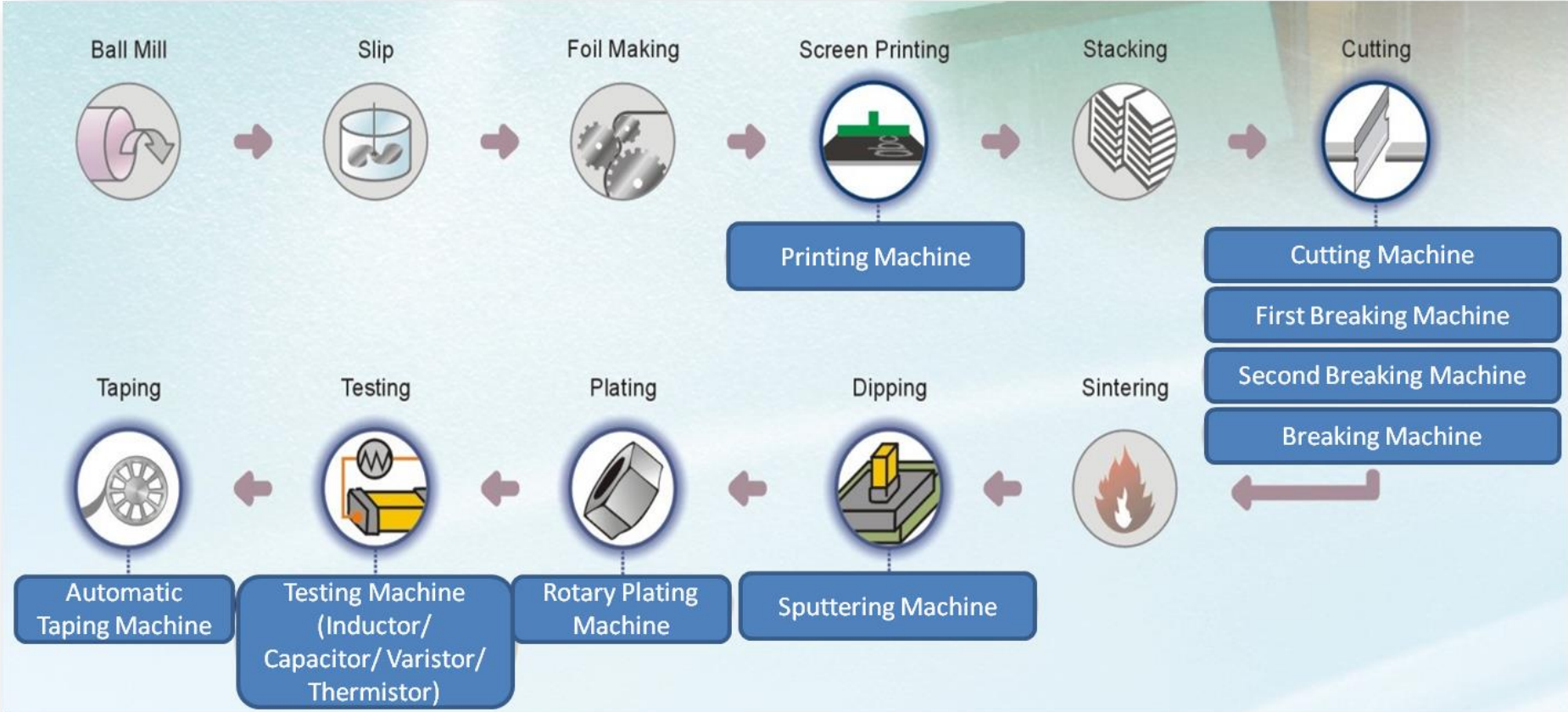
TSMC 3D Fabric



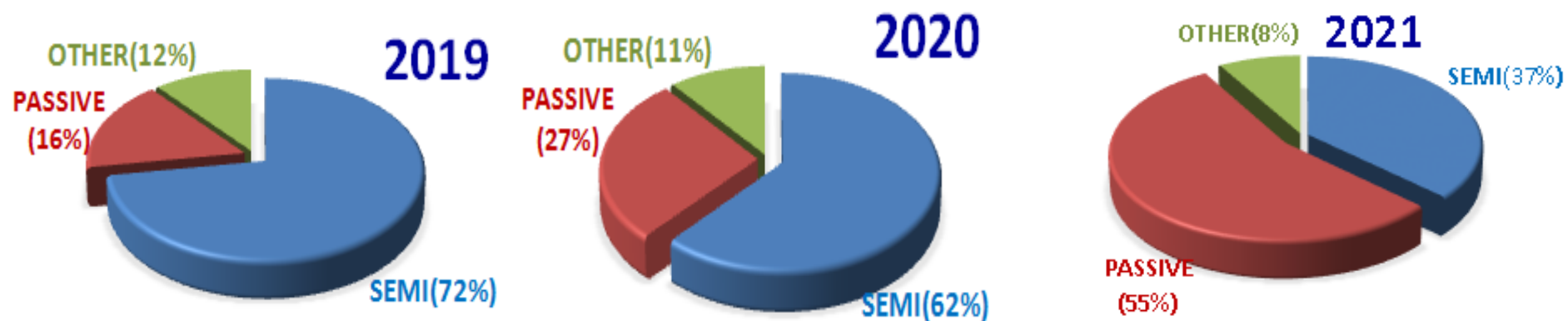
Allring in 3D Fabric Process



Passive Component Production Process



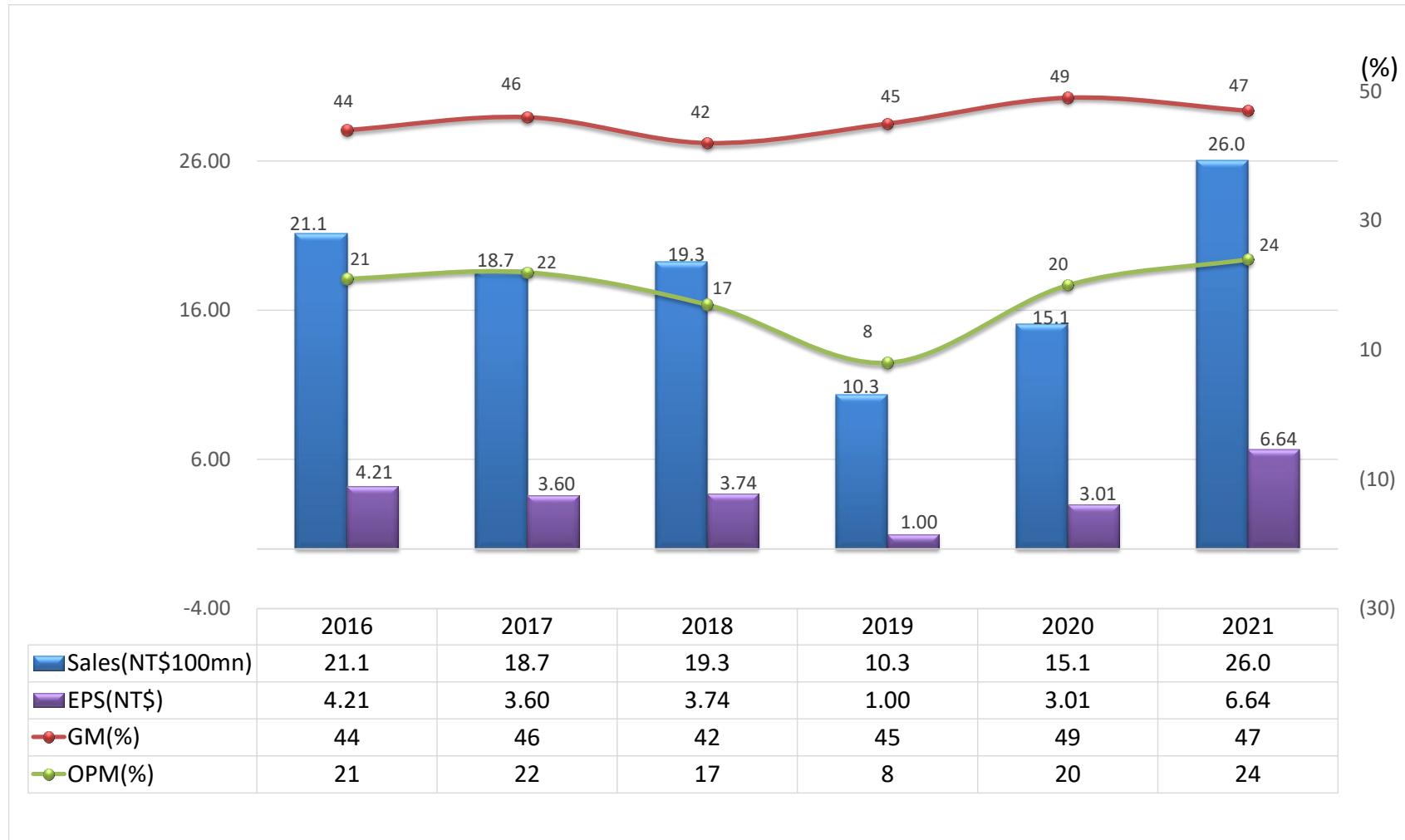
財務資料



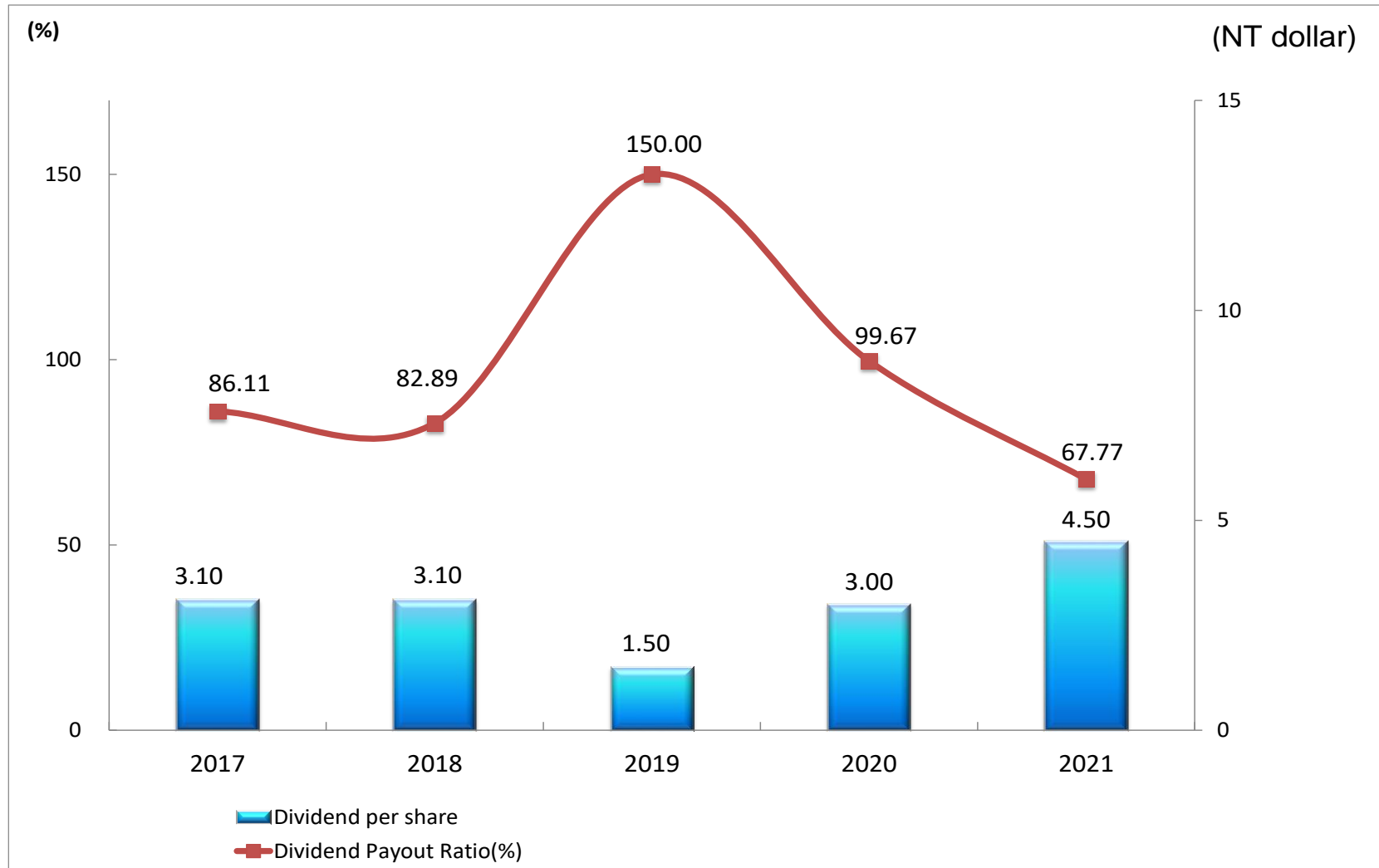
NT\$100M

	2019		2020		2021	
SEMI	7.48	72%	9.28	62%	9.60	37%
PASSIVE	1.70	16%	4.14	27%	14.24	55%
OTHER	1.14	12%	1.64	11%	2.20	8%
TOTAL	10.32	100%	15.06	100%	26.04	100%

財務資料



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Thank you!