



The Advanced ASIC Leader

Global Unichip Corp.

2021 Fourth Quarter Results

January 26, 2022

GUC 4Q21 IR Conference Meeting

Time	Content	Speaker
10:00~10:30	Registration	
10:30~10:35	Opening	Ken Chen – Co-President
10:35~10:45	4Q21 Financial Results	Daniel Chien - CFO
10:45~11:05	2021 Recap	Ken Chen – Co-President
11:05~11:30	2022 Outlook	Sean Tai – Co-President
11:30~12:00	Q&A	



Agenda

- ◆ 4Q21 Financial Results
- ◆ Business Update

Safe Harbor Notice

- ◆ **GUC's statements of its current expectations are forward-looking statements subject to significant risks and uncertainties and actual results may differ materially from those contained in the forward-looking statements.**
- ◆ **Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events, or otherwise.**



4Q21 Financial Results

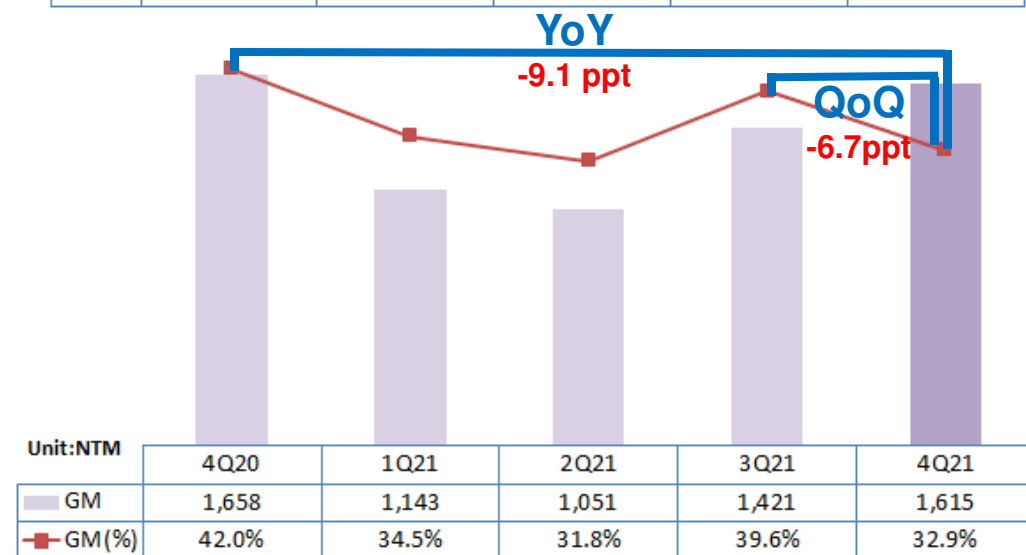
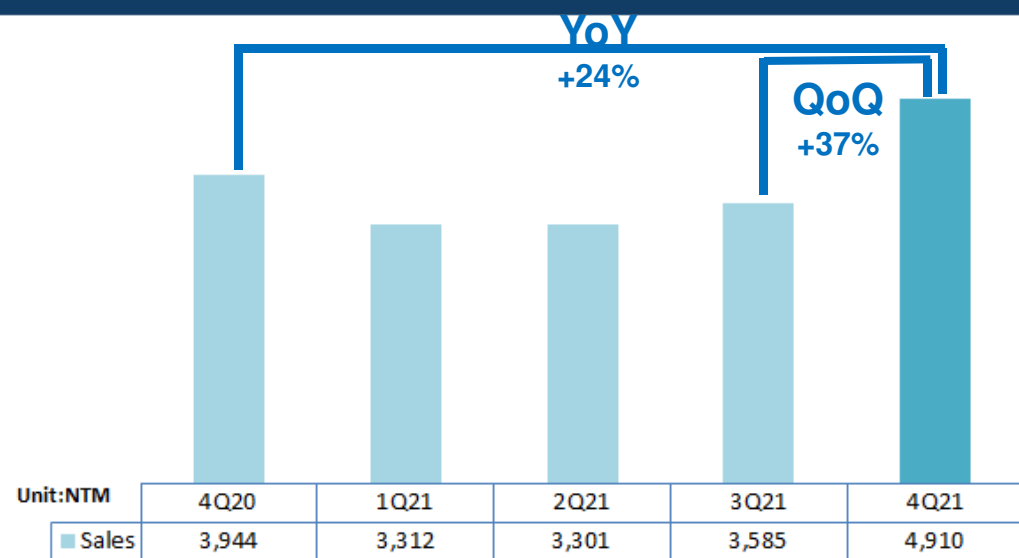
4Q21 Statements of Comprehensive Income

Unit: NT\$M

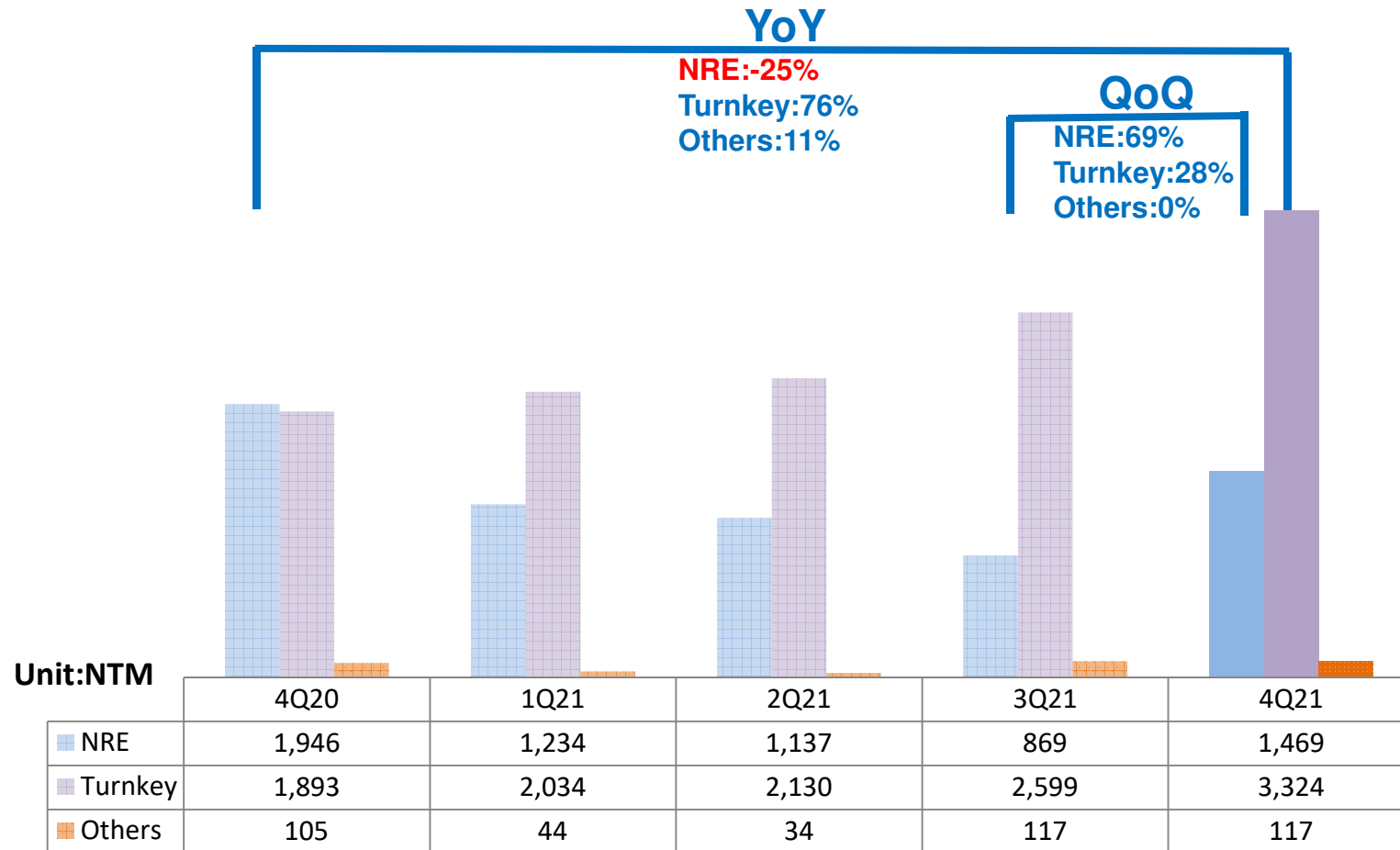
	4Q21	QoQ	3Q21	4Q20	YoY
Revenues	4,910	37%	3,585	3,944	24%
NRE	1,469	69%	869	1,946	-25%
Turn Key	3,324	28%	2,599	1,893	76%
Others	117	0%	117	105	11%
Gross Margin	1,615	14%	1,421	1,658	-3%
%	32.9%		39.6%	42.0%	
SG&A Exp	(248)	28%	(193)	(207)	20%
R&D Exp	(766)	3%	(742)	(747)	3%
Operating Income	601	24%	486	704	-15%
%	12.2%		13.6%	17.8%	
Non-Operating Items	6		5	(10)	
Income Tax	(92)		(74)	(86)	
Net Income	515	24%	417	608	-15%
%	10.5%		11.6%	15.4%	
EPS (NT\$)	3.85		3.11	4.53	

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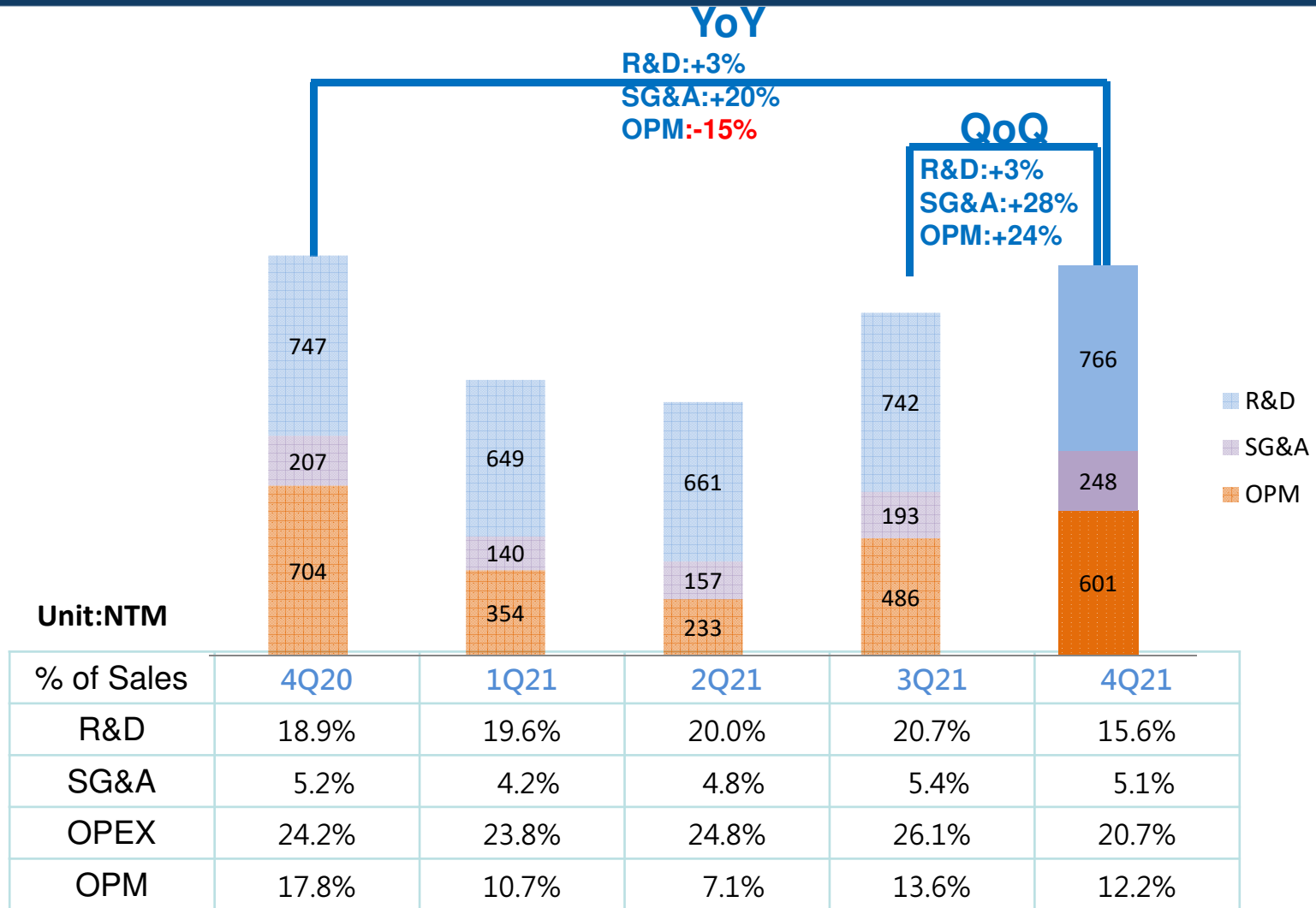
4Q21 Revenue & Gross Margin



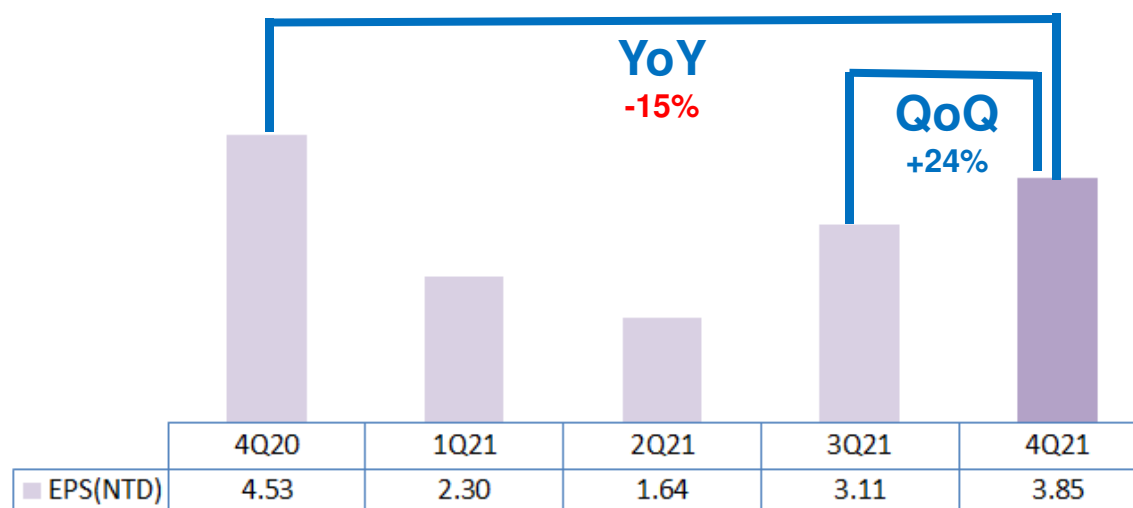
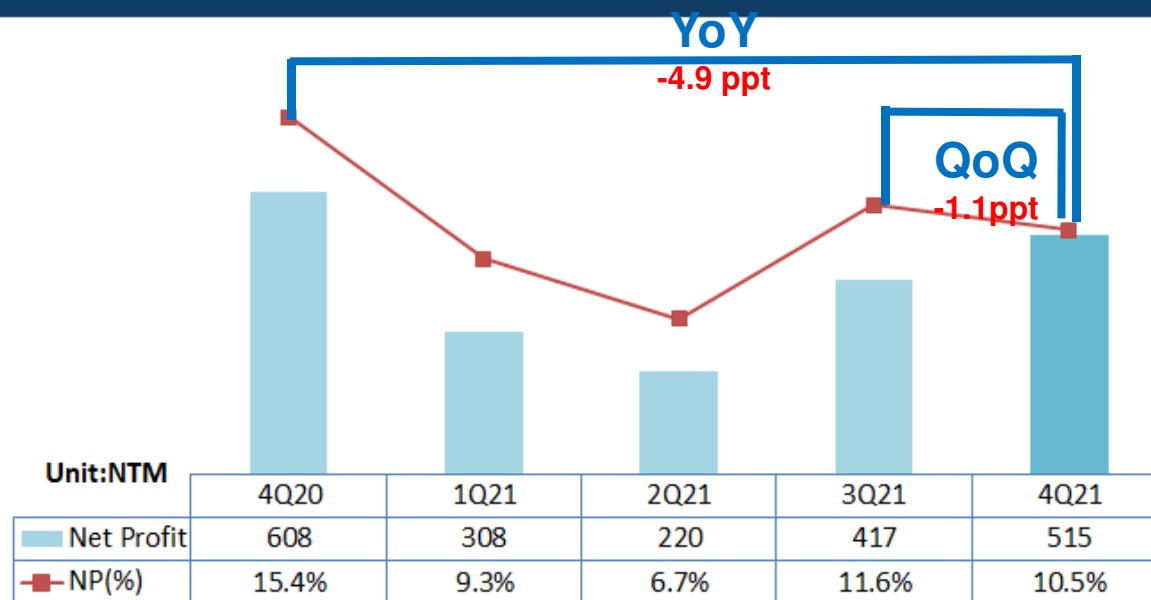
4Q21 Revenue Breakdown



4Q21 Opex & OPM



4Q21 NPM & EPS



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Statements of Comprehensive Income

(Unit: NT\$M)

	2018		2019		2020		2021		YoY
	Amount	%	Amount	%	Amount	%	Amount	%	
Revenues	13,460	11% *	10,710	-20% *	13,569	27% *	15,108	11% *	11%
NRE	4,079	30%	3,206	30%	4,614	34%	4,709	31%	2%
Turn Key	9,168	68%	7,189	67%	8,525	63%	10,087	67%	18%
Others	213	2%	315	3%	430	3%	312	2%	-27%
Gross Margin	4,017	29.8%	3,530	33.0%	4,071	30.0%	5,230	34.6%	28%
SG&A Exp	(647)	-4.8%	(613)	-5.7%	(603)	-4.4%	(738)	-4.9%	22%
R&D Exp	(2,274)	-16.9%	(2,220)	-20.8%	(2,504)	-18.5%	(2,818)	-18.6%	13%
Operating Income	1,096	8.1%	697	6.5%	964	7.1%	1,674	11.1%	74%
Non-Operating Items	39	0.3%	86	0.8%	38	0.3%	67	0.4%	76%
Income Tax	(147)	-1.1%	(150)	-1.4%	(152)	-1.1%	(281)	-1.8%	85%
Net Income	988	7.3%	633	5.9%	850	6.3%	1,460	9.7%	72%
EPS (NT\$)	7.37		4.73		6.34		10.90		

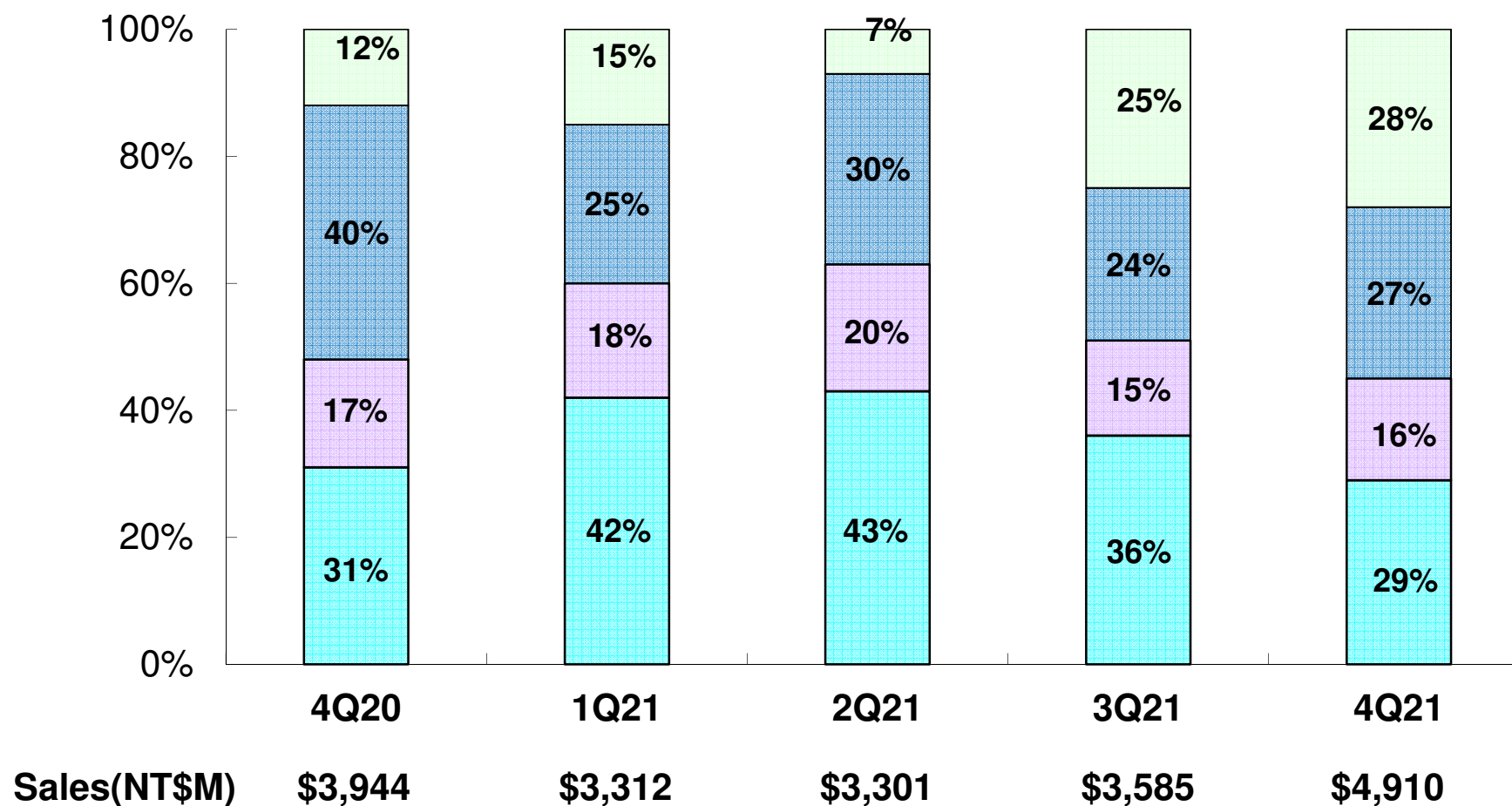
* YoY revenue growth rate



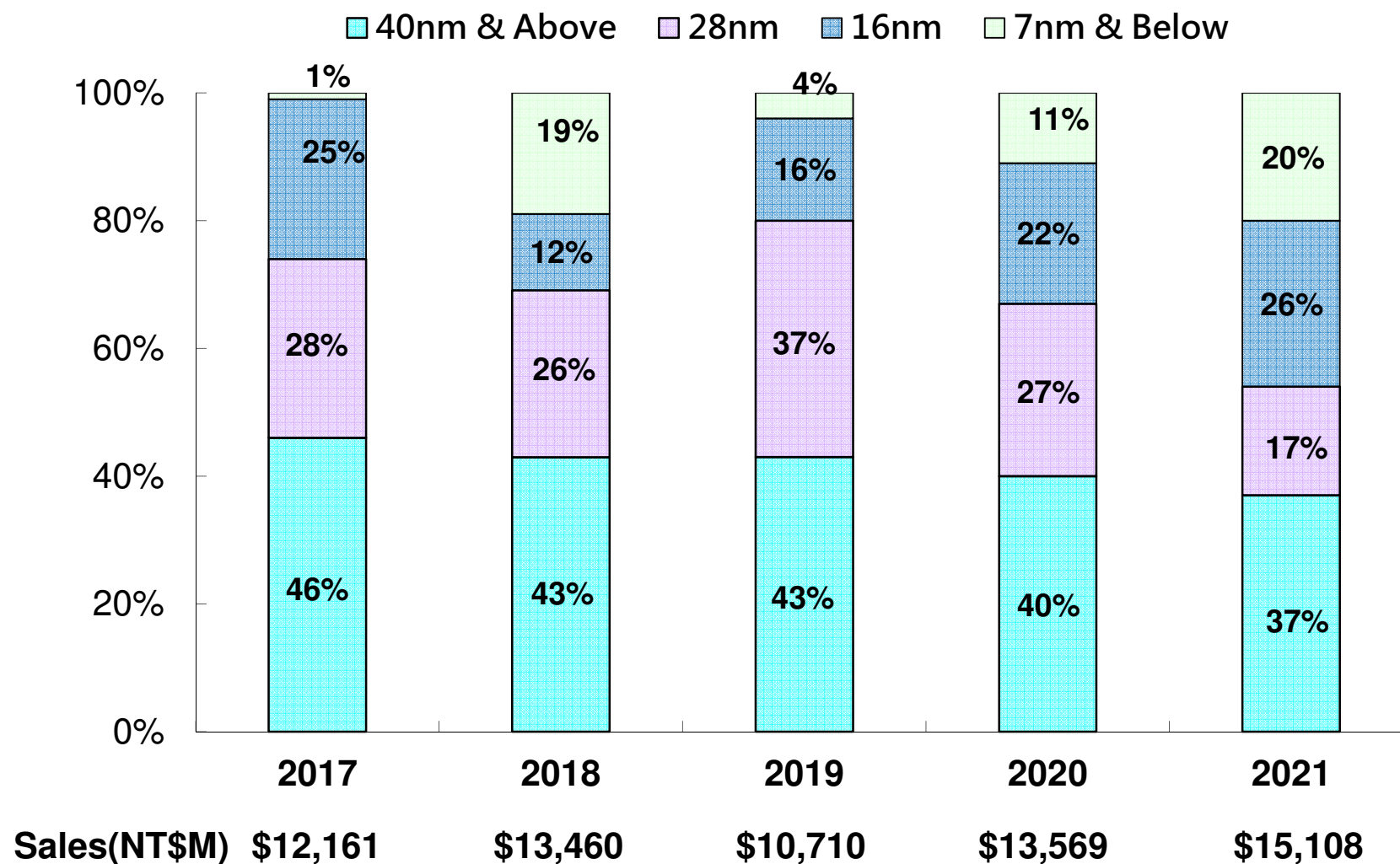
Business Update

Quarterly Sales Breakdown by Technology

40nm & Above 28nm 16nm 7nm & Below

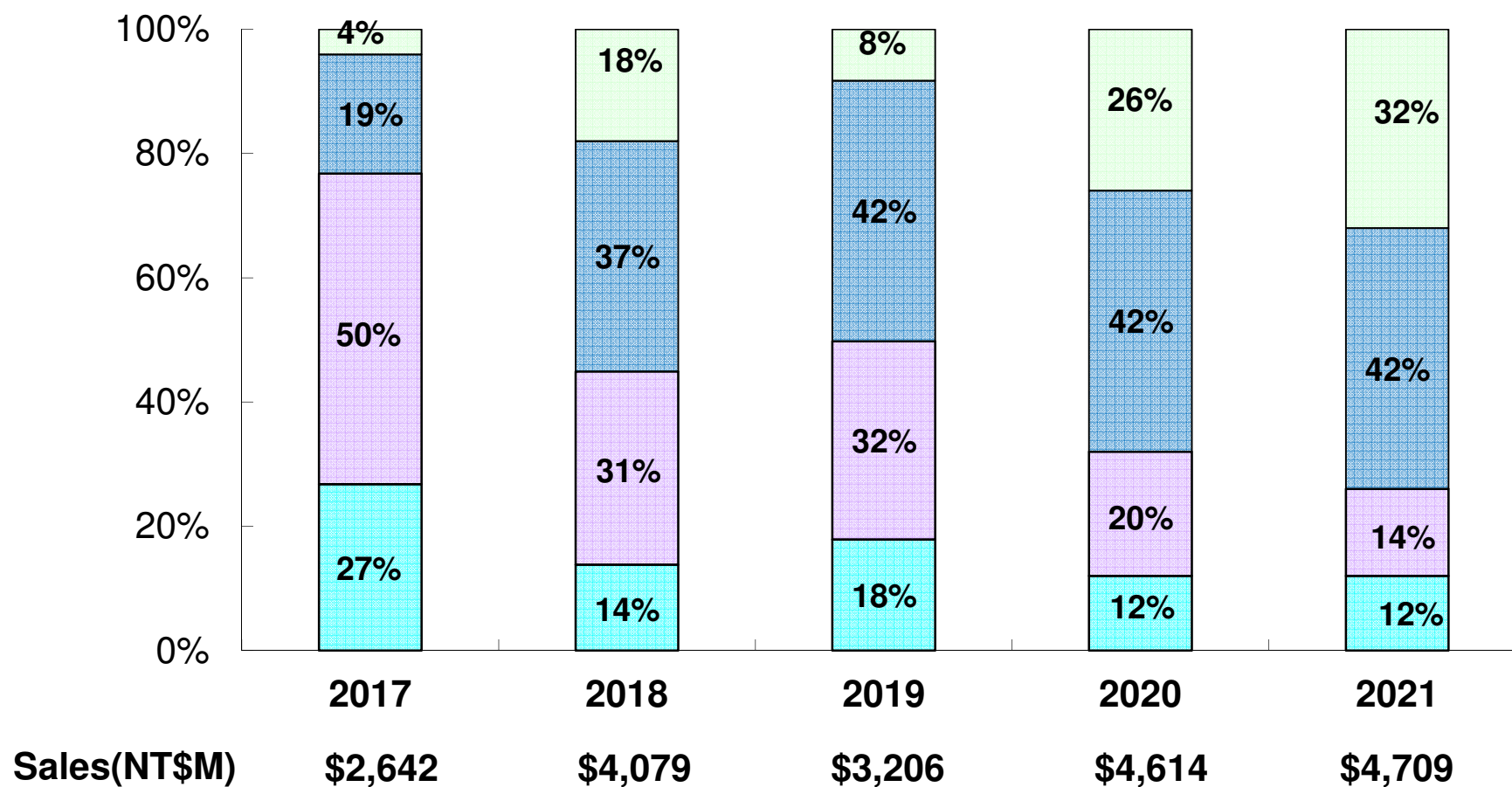


Annual Sales Breakdown by Technology

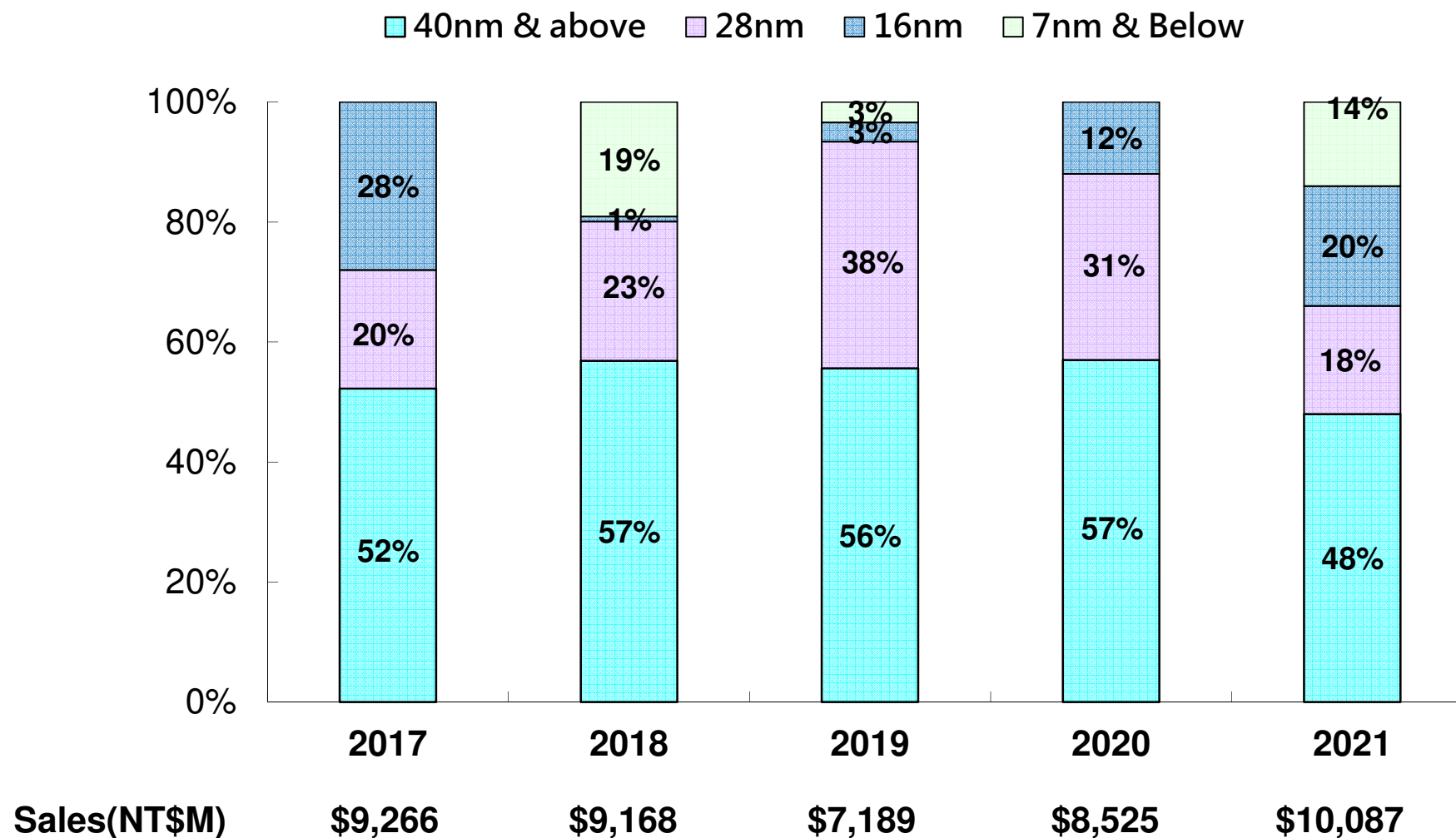


Annual **NRE** Breakdown by Technology

40nm & Above 28nm 16nm 7nm & Below

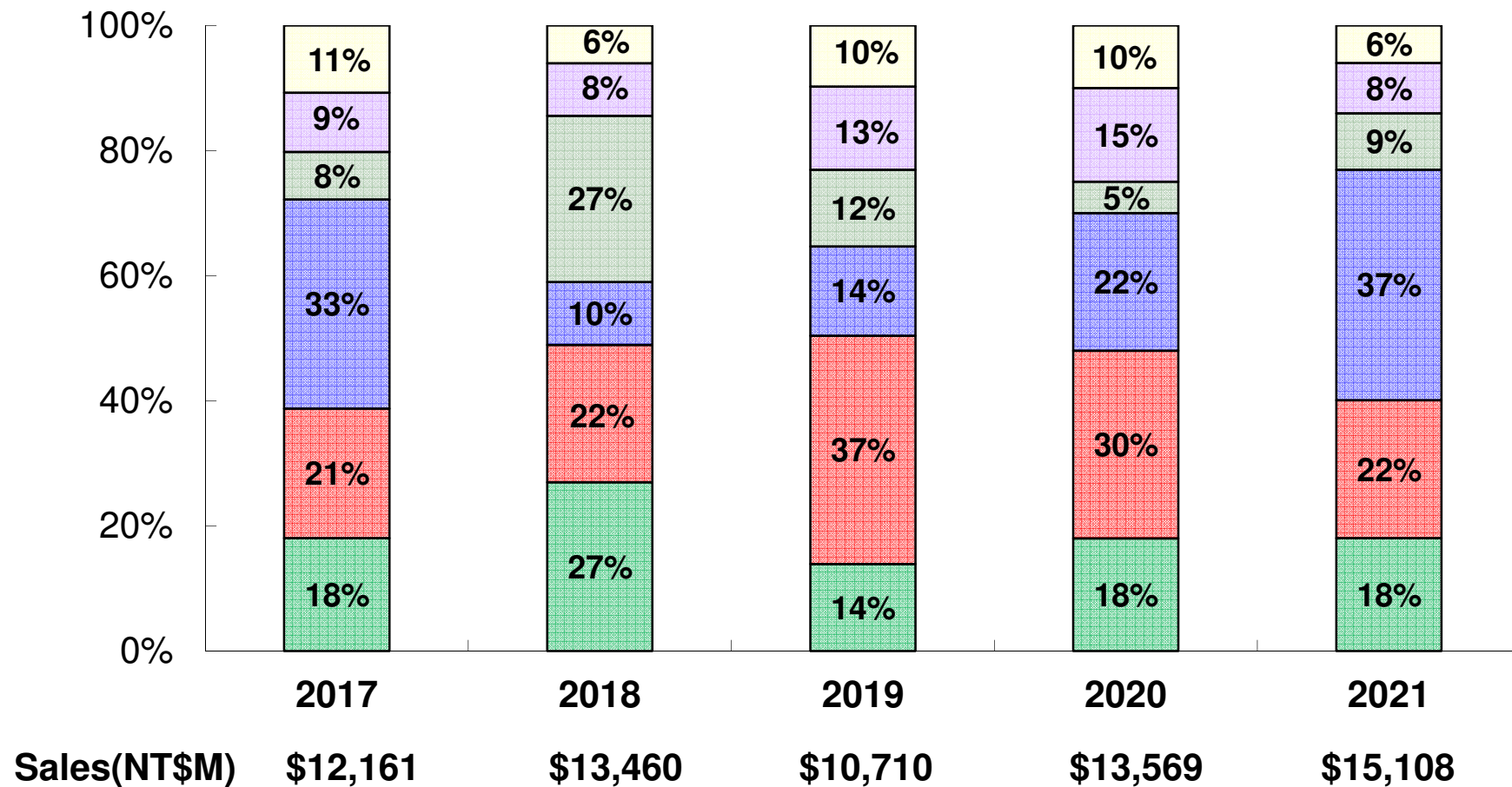


Annual **Turnkey** Breakdown by Technology

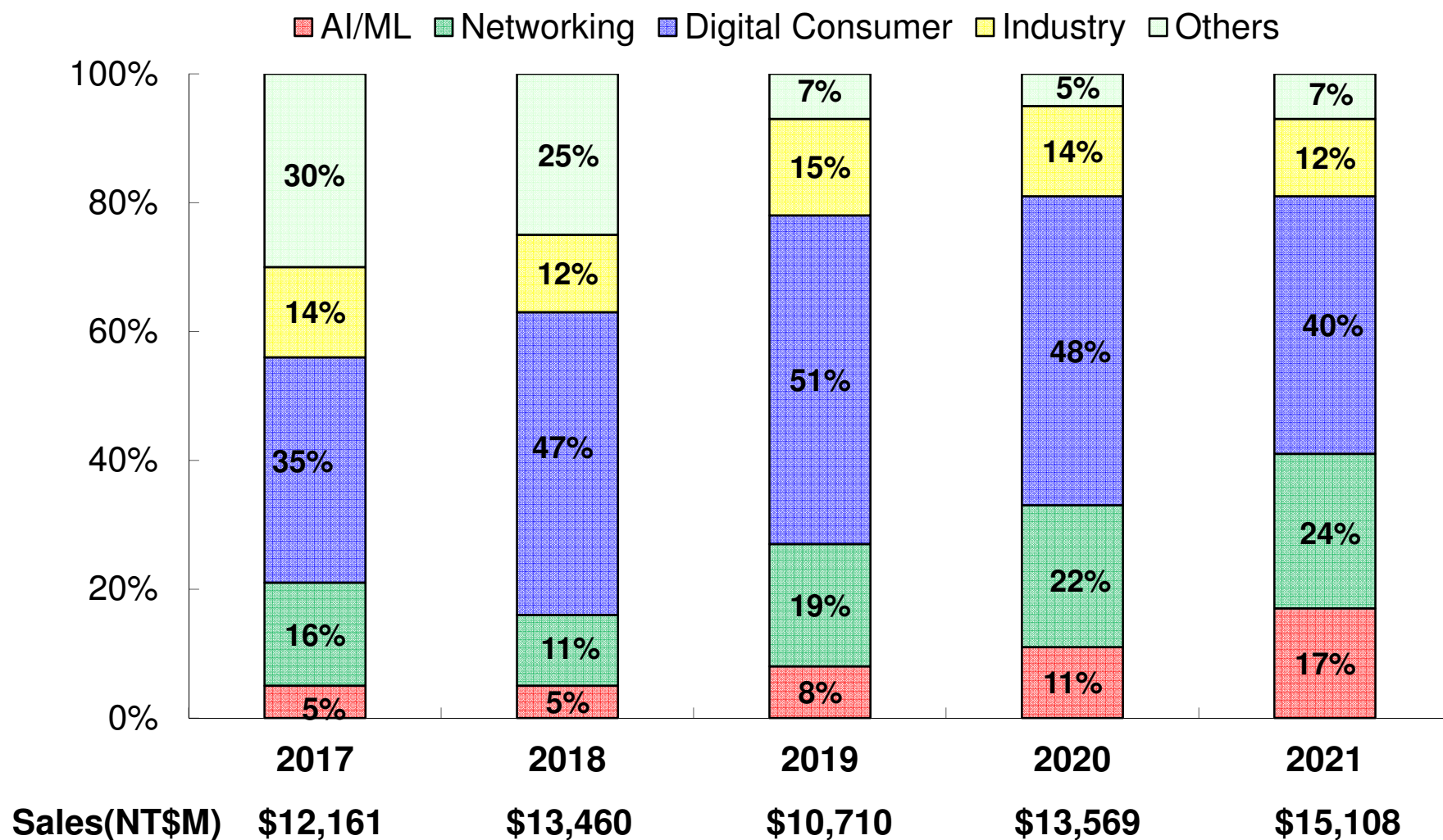


Annual Sales Breakdown by Region

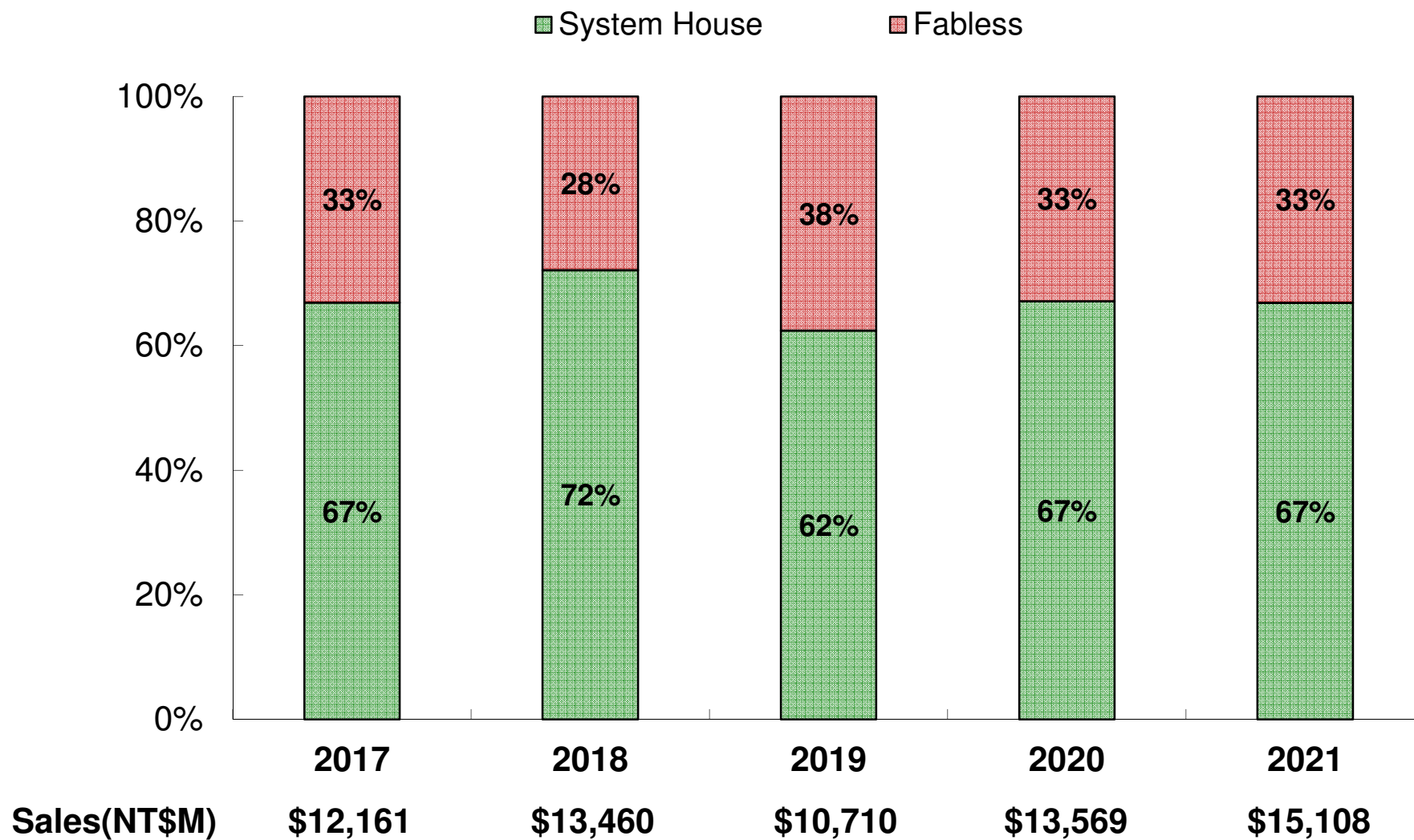
Taiwan USA China Japan Korea Europe



Annual Sales Breakdown by Application



Annual Sales Breakdown by Customer Type



GUC 2022 Business Outlook

- ◆ **Digital transformation triggers AI / HPC / Networking ASIC demand**
 - AI / HPC / Networking are GUC focused segments
 - ✓ AI segment is driving the growth
 - Advanced nodes (N5/N3E) best serve PPA requirements for AI / HPC / Networking ASICs
 - ✓ 4+ N5 tapeouts in 2022
 - ✓ N3E project engagement with leading HPC customers ongoing

- ◆ **GUC APT leading position continues to get stronger**
 - APT paired with advanced nodes to empower AI / HPC / Networking ASICs
 - GUC has Industry-leading HBM3 and GLink-2.5D/3D IP
 - Technology leadership in CoWoS/InFO/SolC design and production service
 - ✓ 4 N5 APT tapeouts in 2022
 - ✓ Engaging SolC project with leading system customer

- ◆ **Supply chain shortage remains the same as 2021**
 - Close partnership with TSMC to fulfill wafer demand
 - Strengthen supply chain management to support customer substrate / package demand

Thank you !



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