



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

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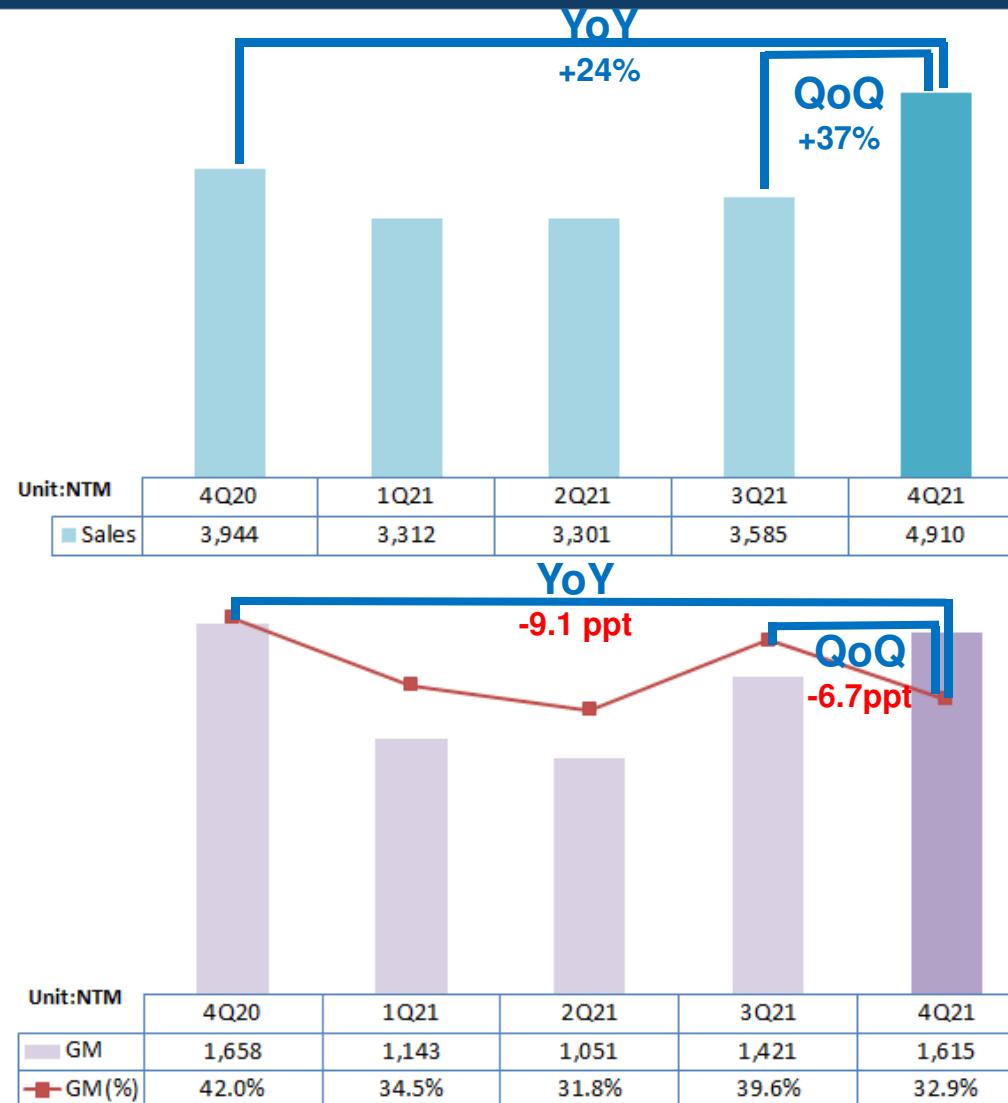
4Q21 Statements of Comprehensive Income

Unit: NT\$M

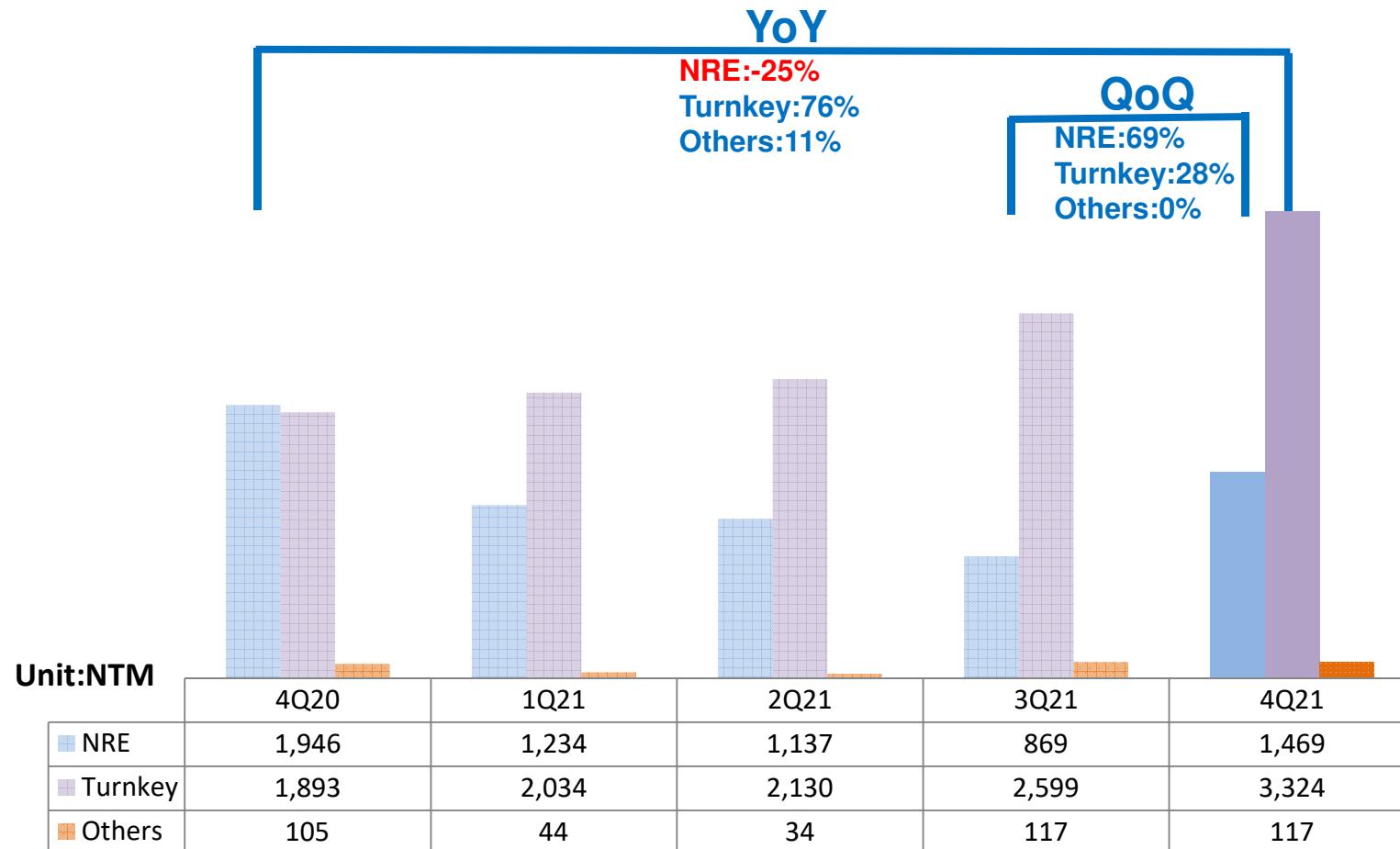
	4Q21	QoQ	3Q21	4Q20	YoY
Revenues	4,910	37%	3,585	3,944	24%
NRE	1,469	69%	869	1,946	-25%
Turn Key	3,324	28%	2,599	1,893	76%
Others	117	0%	117	105	11%
Gross Margin	1,615	14%	1,421	1,658	-3%
%	32.9%		39.6%	42.0%	
SG&A Exp	(248)	28%	(193)	(207)	20%
R&D Exp	(766)	3%	(742)	(747)	3%
Operating Income	601	24%	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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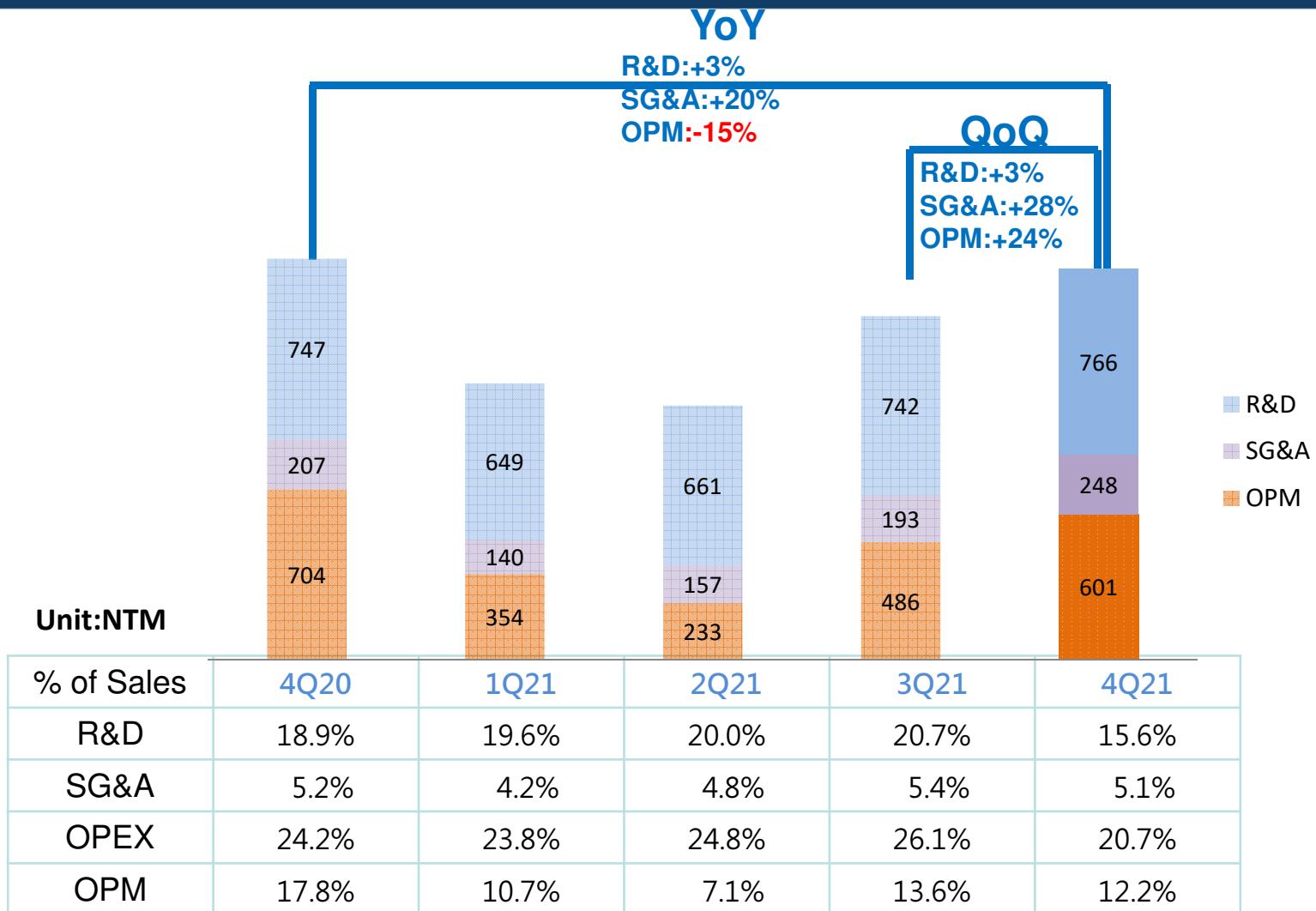
4Q21 Revenue & Gross Margin



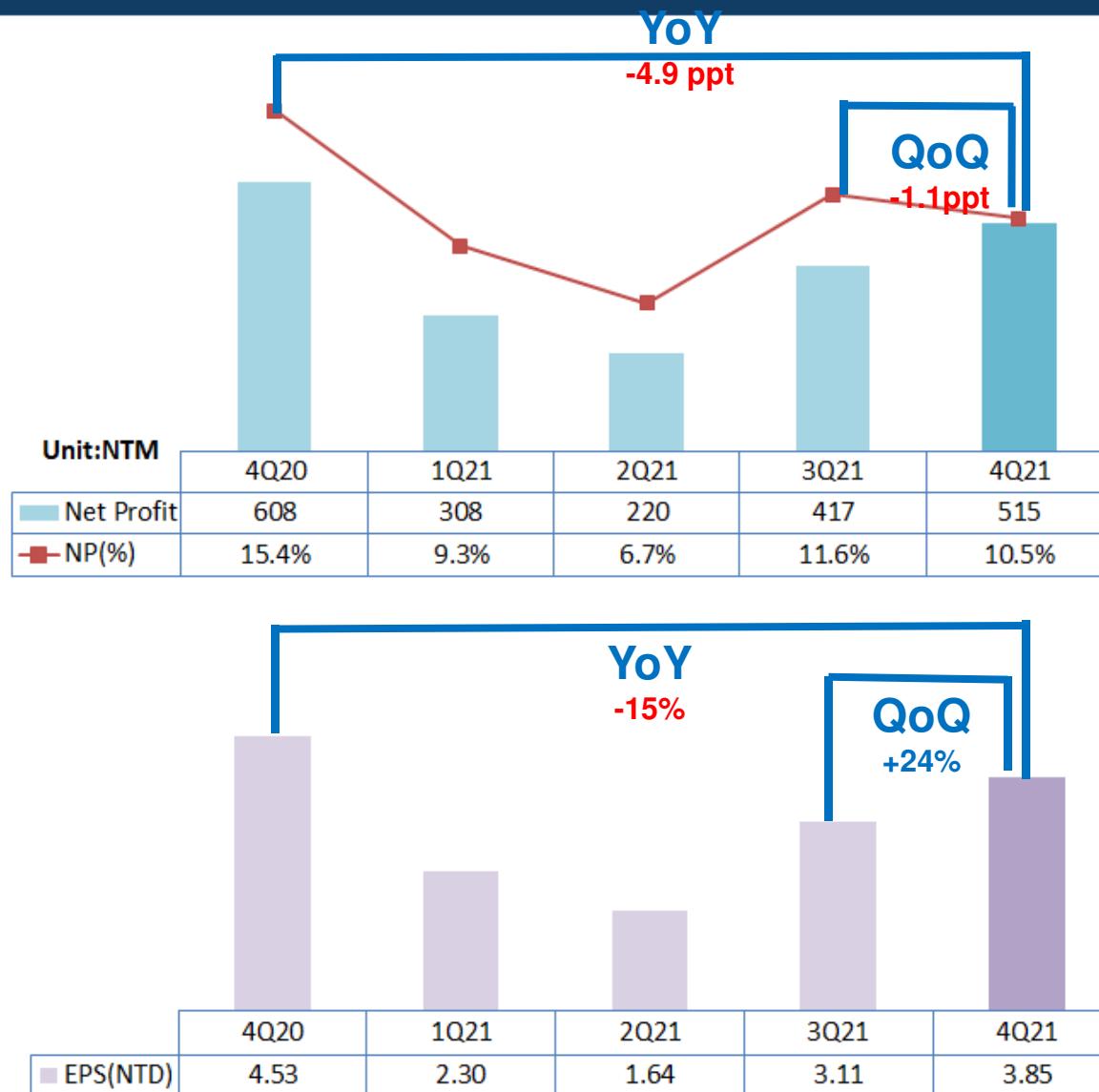
4Q21 Revenue Breakdown



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		

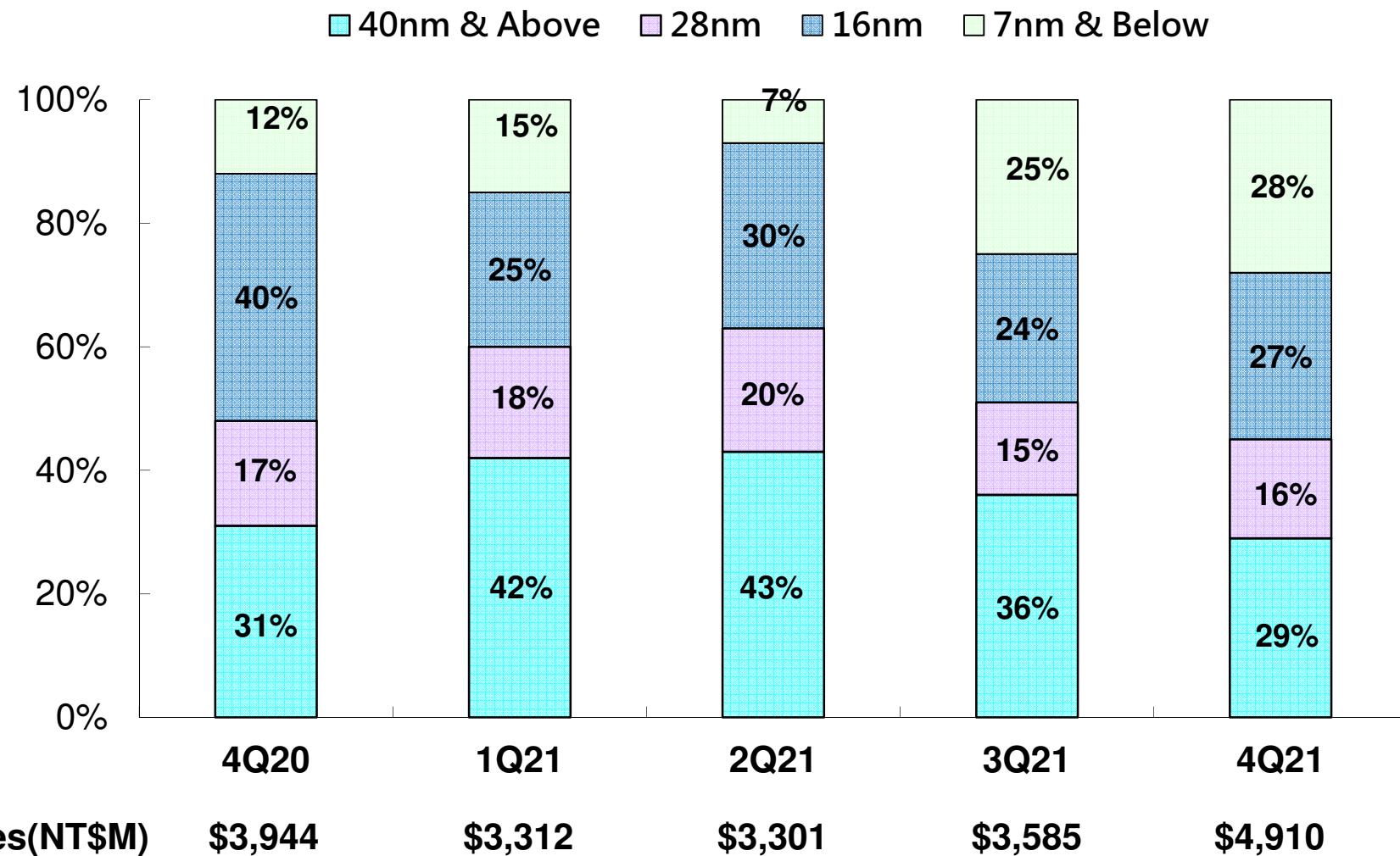
* YoY revenue growth rate



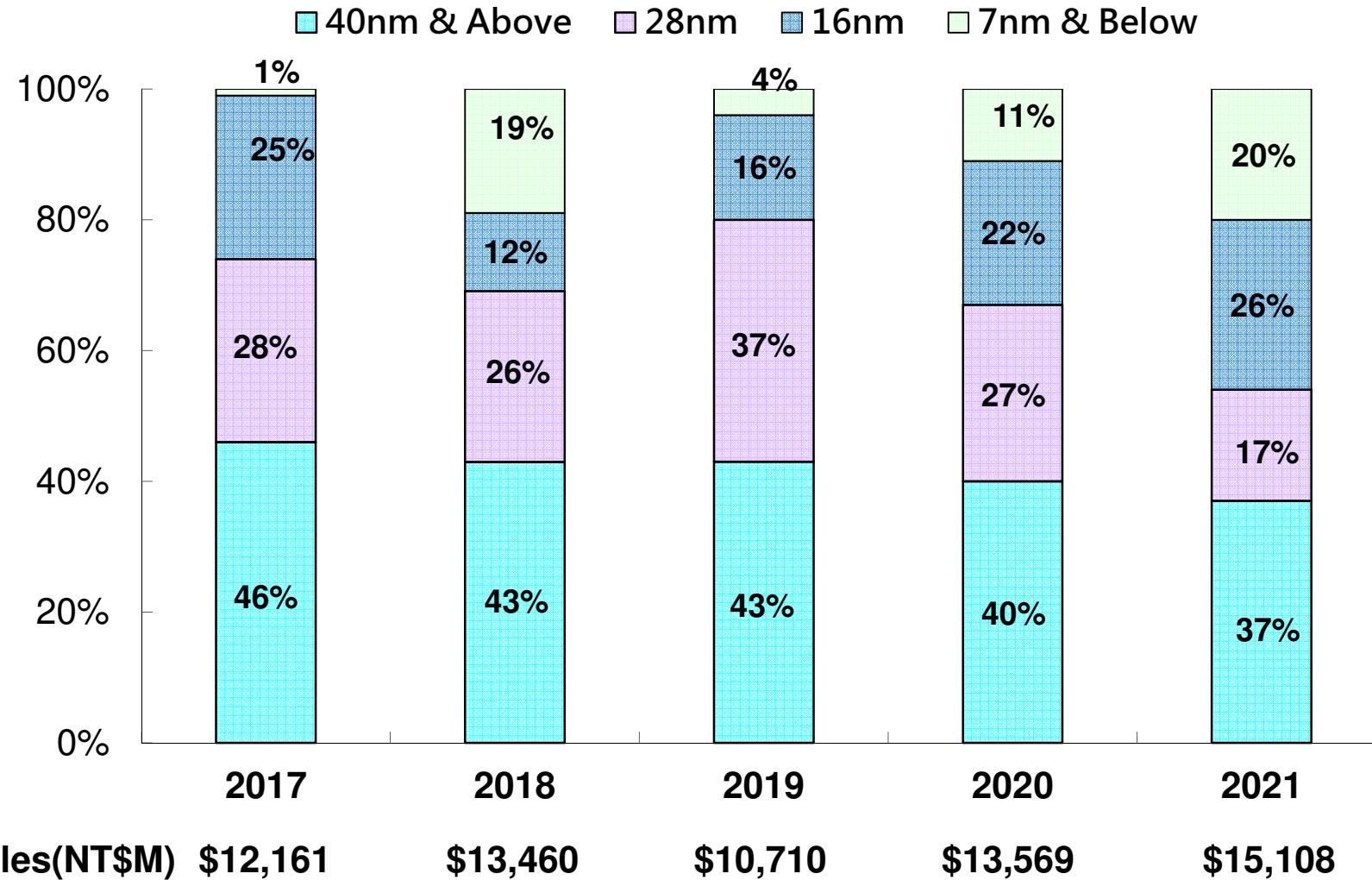
Business Update

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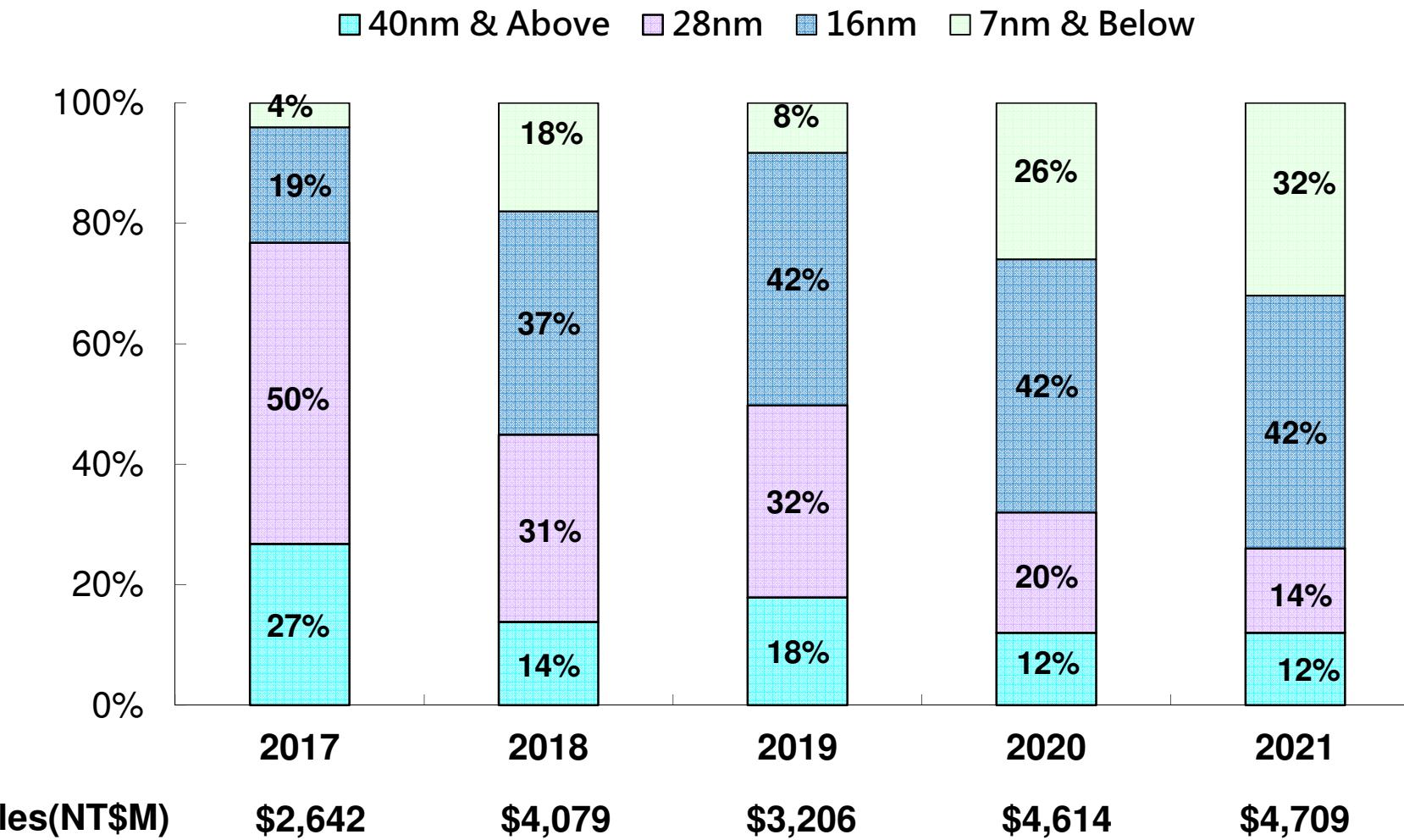
Quarterly Sales Breakdown by Technology



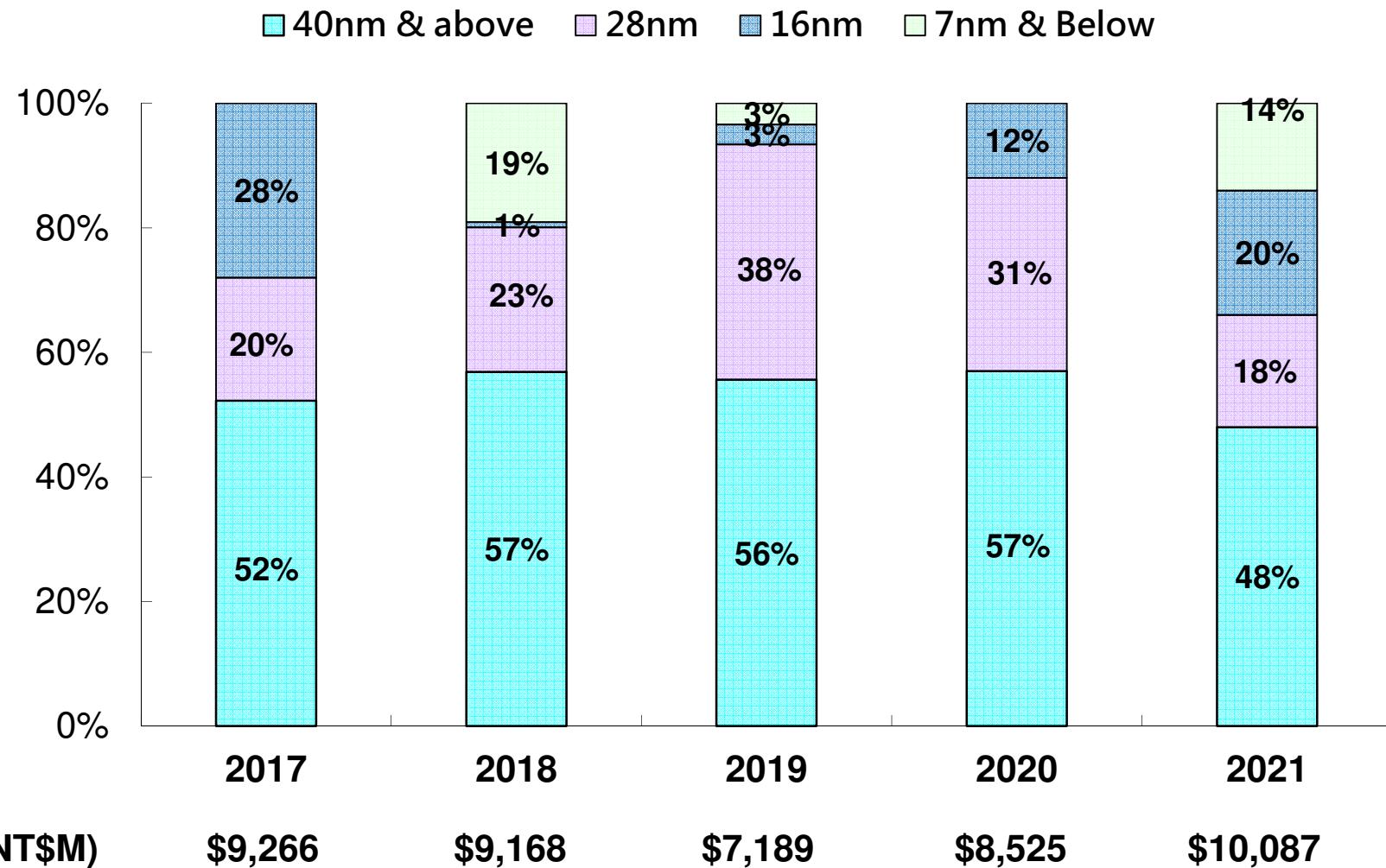
Annual Sales Breakdown by Technology



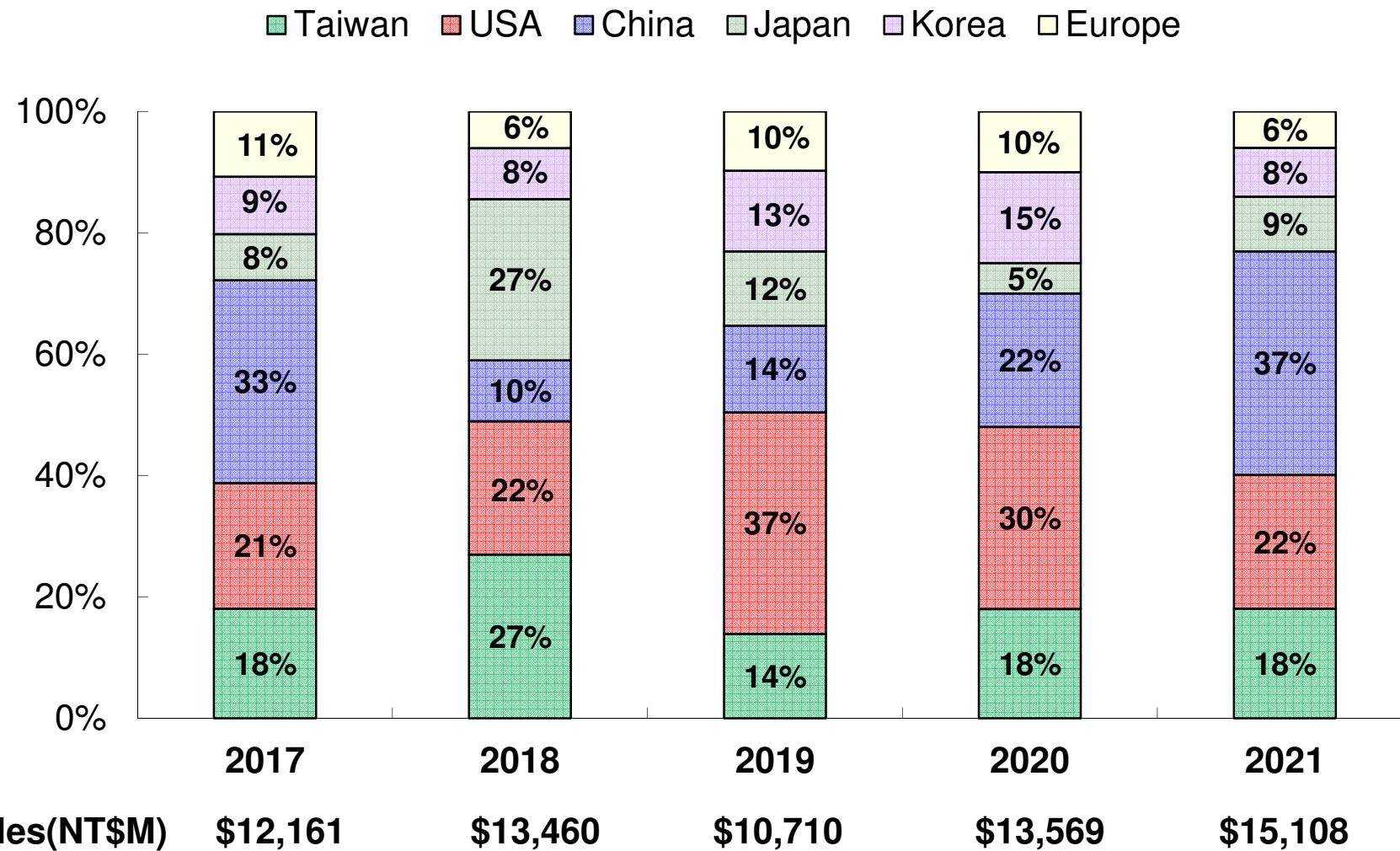
Annual NRE Breakdown by Technology



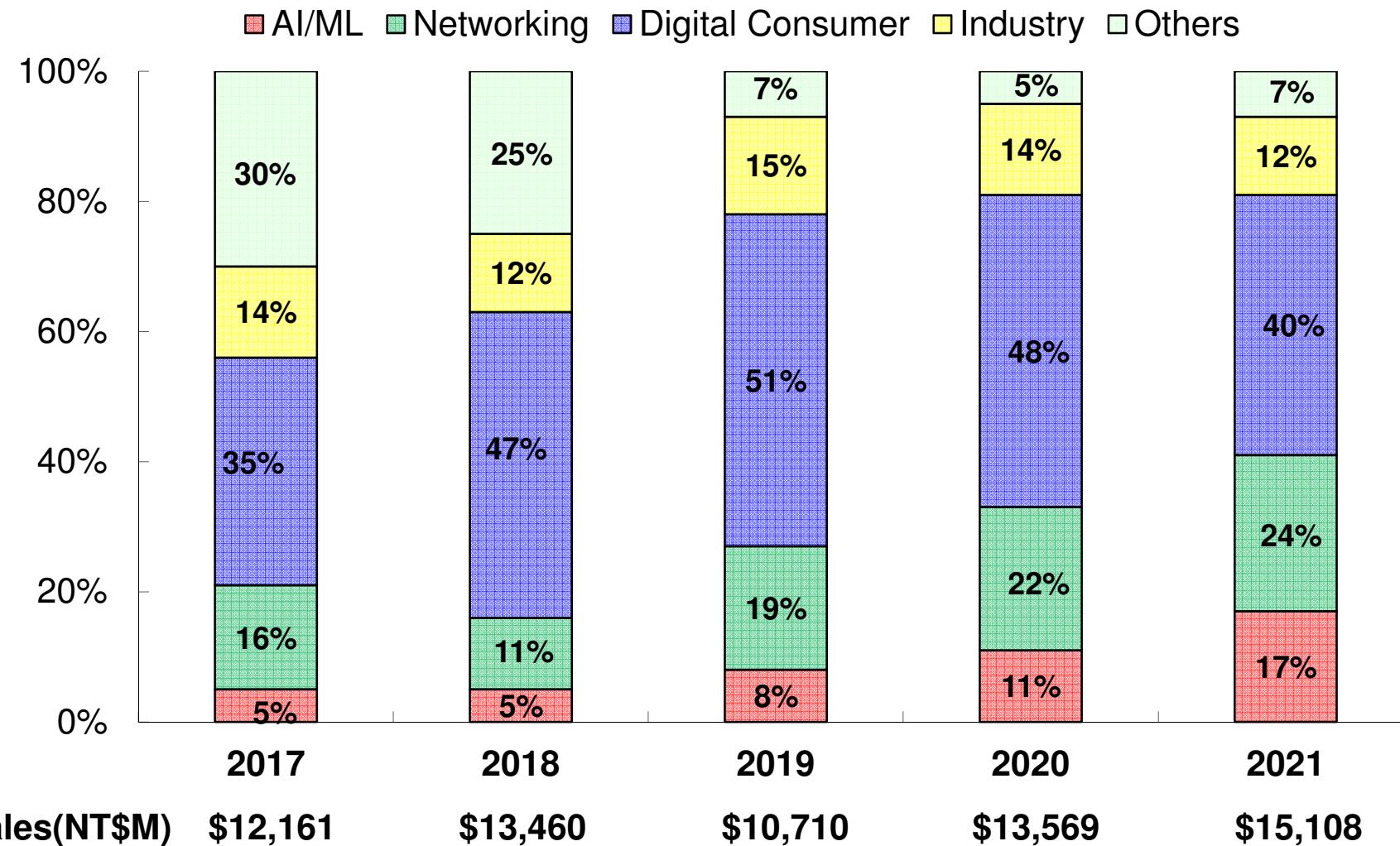
Annual Turnkey Breakdown by Technology



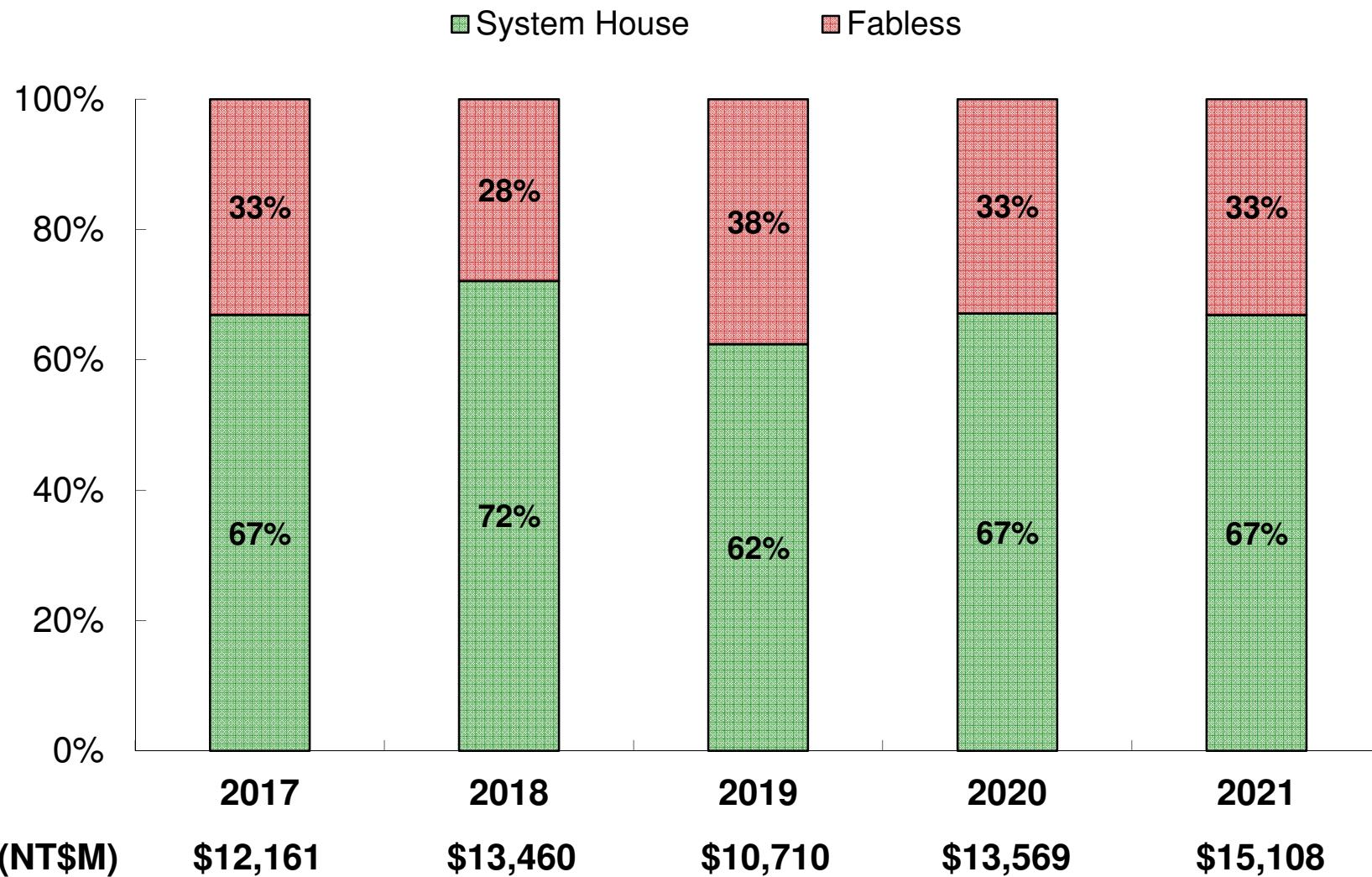
Annual Sales Breakdown by Region



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/SoIC design and production service
 - ✓ 4 N5 APT tapeouts in 2022
 - ✓ Engaging SoIC 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 !



<http://www.guc-asic.com>

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