

# PSI Roadshow in Q4,2024

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Nov. 2024

# Safe Harbor Notice

- Psi'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.
- Information as to those factors that could cause actual results to vary can be found in PSI's Annual or Quarterly Report filed with Taiwan Stock Exchange Corporation (TWSE) and such other documents as PSI may file with, or submit to the TWSE from time to time.
- 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.
- The numbers of the presentation are prepared under IFRS.

# Agenda

- Semiconductor industry trend
- PSI Winning strategies
- Financial performance
- Key takeaways

# MSCI Adds PSI To the Global Small Cap Indexes

MSCI



MSCI TAIWAN INDEX  
Additions

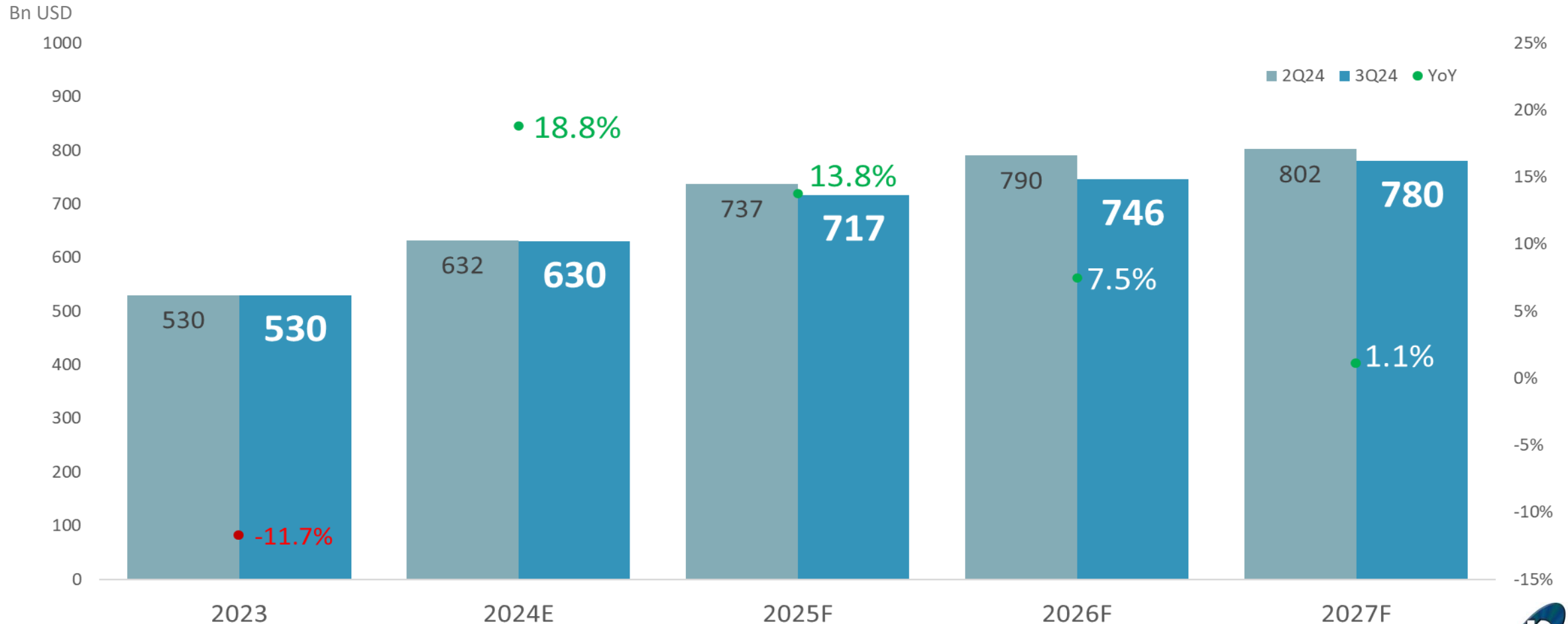
CHENMING ELECTRONIC  
ELITE ADVANCED LASER  
ERIS TECHNOLOGY  
G-SHANK ENTERPRISE CO  
HUANG HSIANG CONST  
HWANG CHANG GENERAL CONS  
JESS-LINK PRODUCTS CO  
LUMOSA THERAPEUTICS  
**PHOENIX SILICON INTERNATIONAL**  
RDC SEMICONDUCTOR CO  
SOLOMON TECHNOLOGY  
TYC BROTHER INDUSTRIAL  
UNIVERSAL MICROWAVE TECH  
YEASHIN INTL DEV

# Semiconductor industry trend

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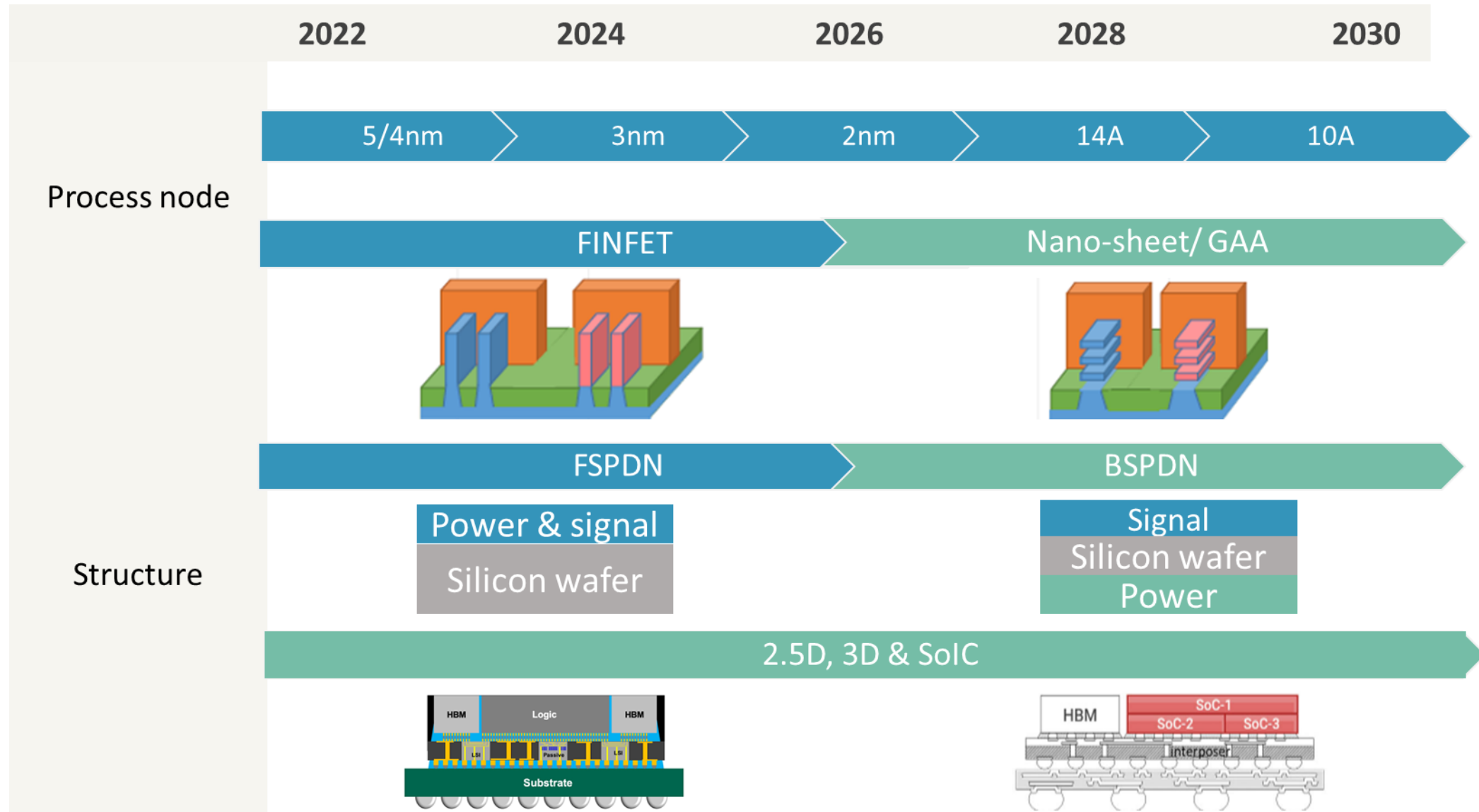
# Worldwide Semiconductor Revenue FCST

- The average growth at 13.8% in 2025, with significant variation across segments
- Companies in AI applications and advanced processes show the strongest growth



Source: Gartner, Sep. 2024

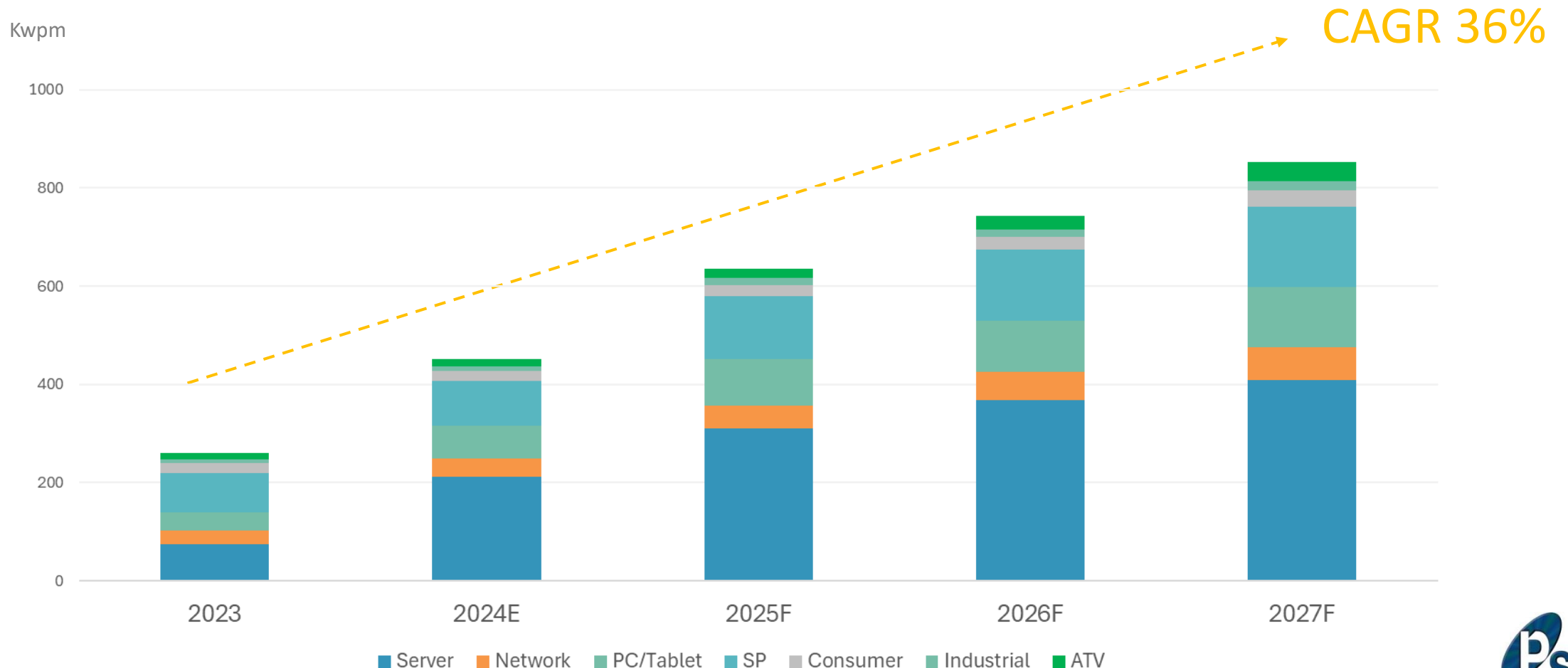
# AI Drive Demand For Advanced Logic Roadmaps



Source: Jefferies

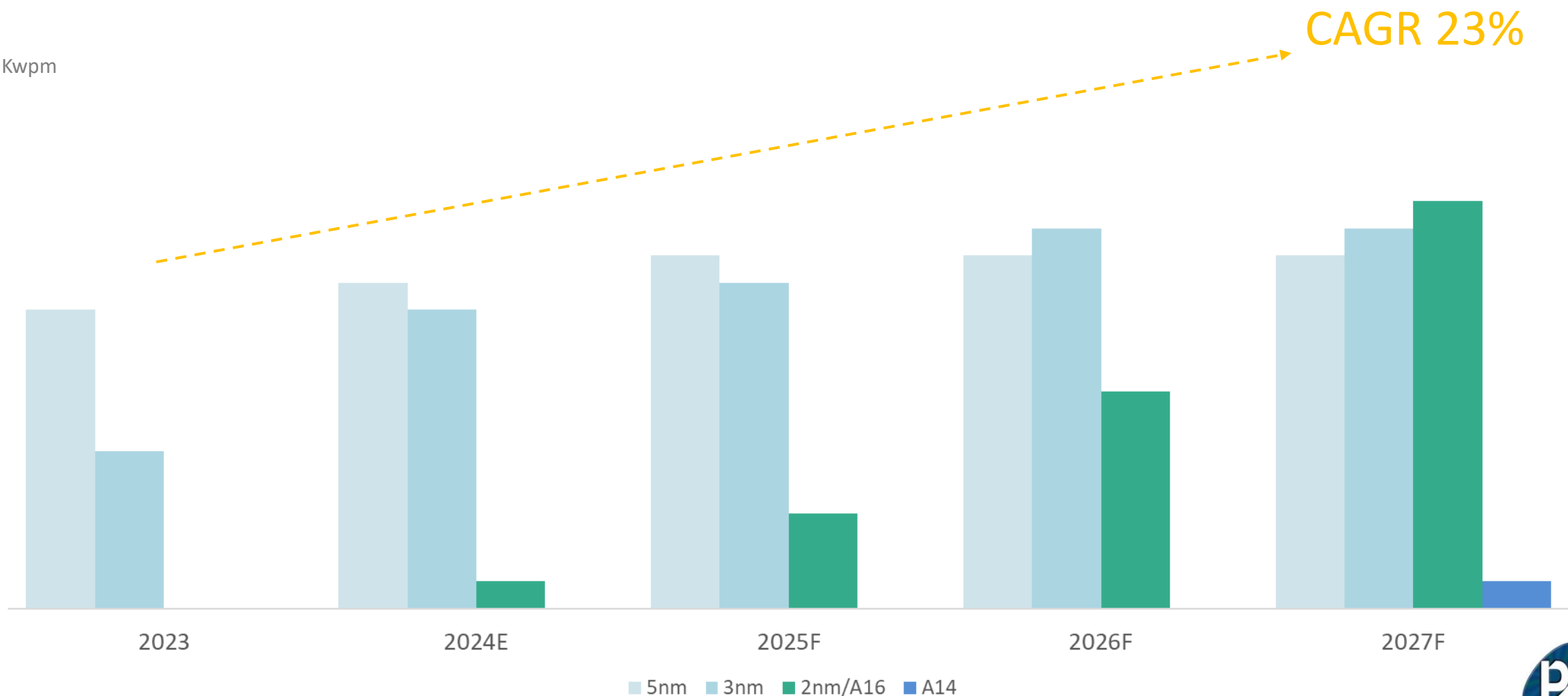
# Demand For Advanced Process

- Demand for advanced process for server remains strong, fueled by AI.
- Demand is accelerating, driven by AI-enabled smartphones and PCs.



Source: Sumco, PSI estimated

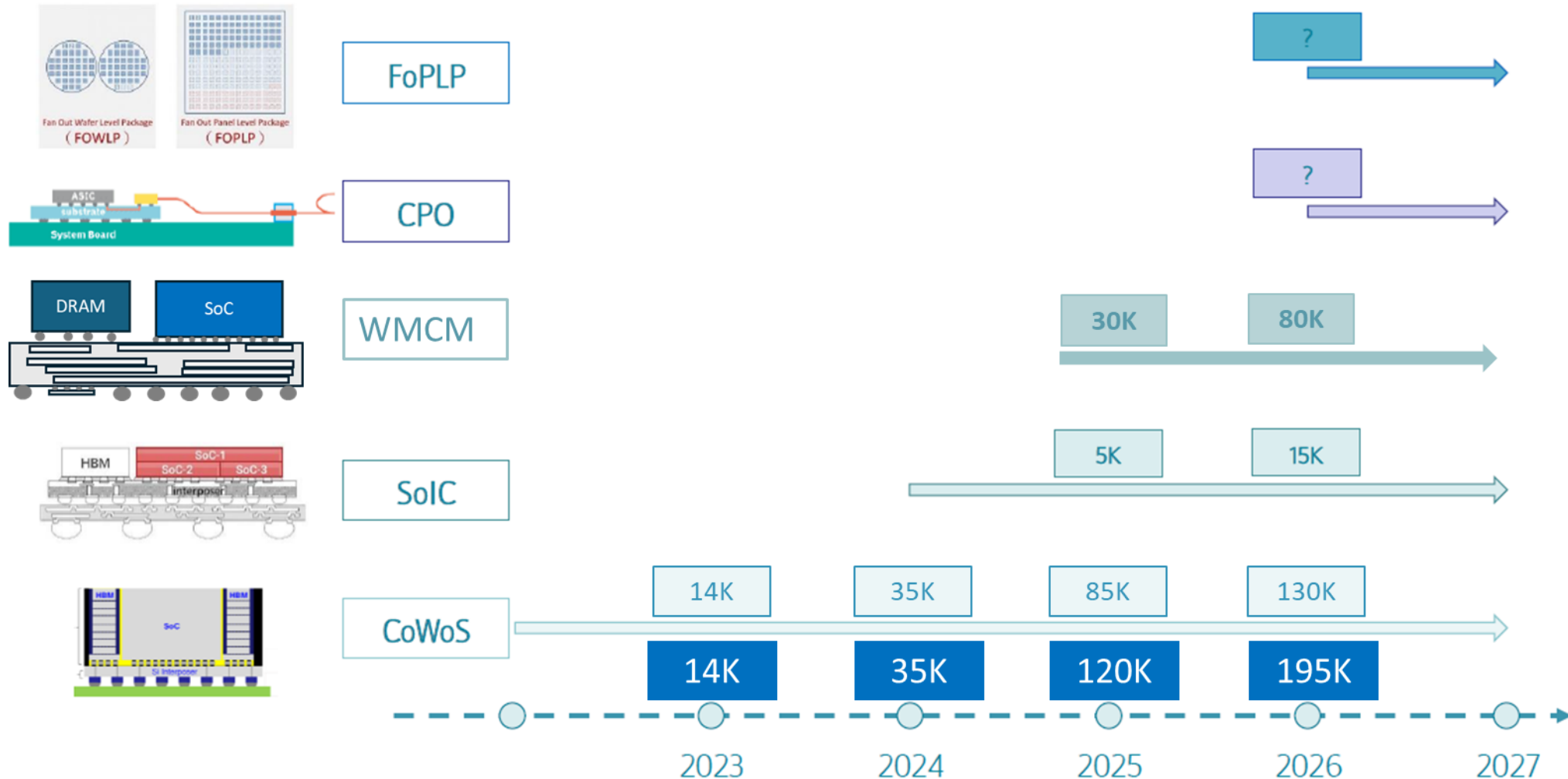
# Logic Advanced Node Capacity



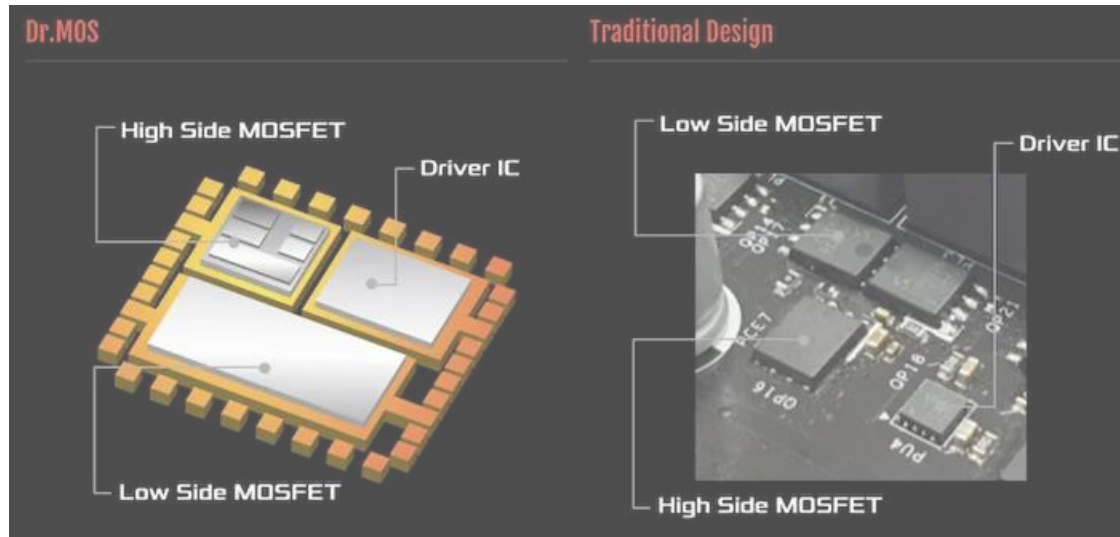
Source: research institution , PSI estimated



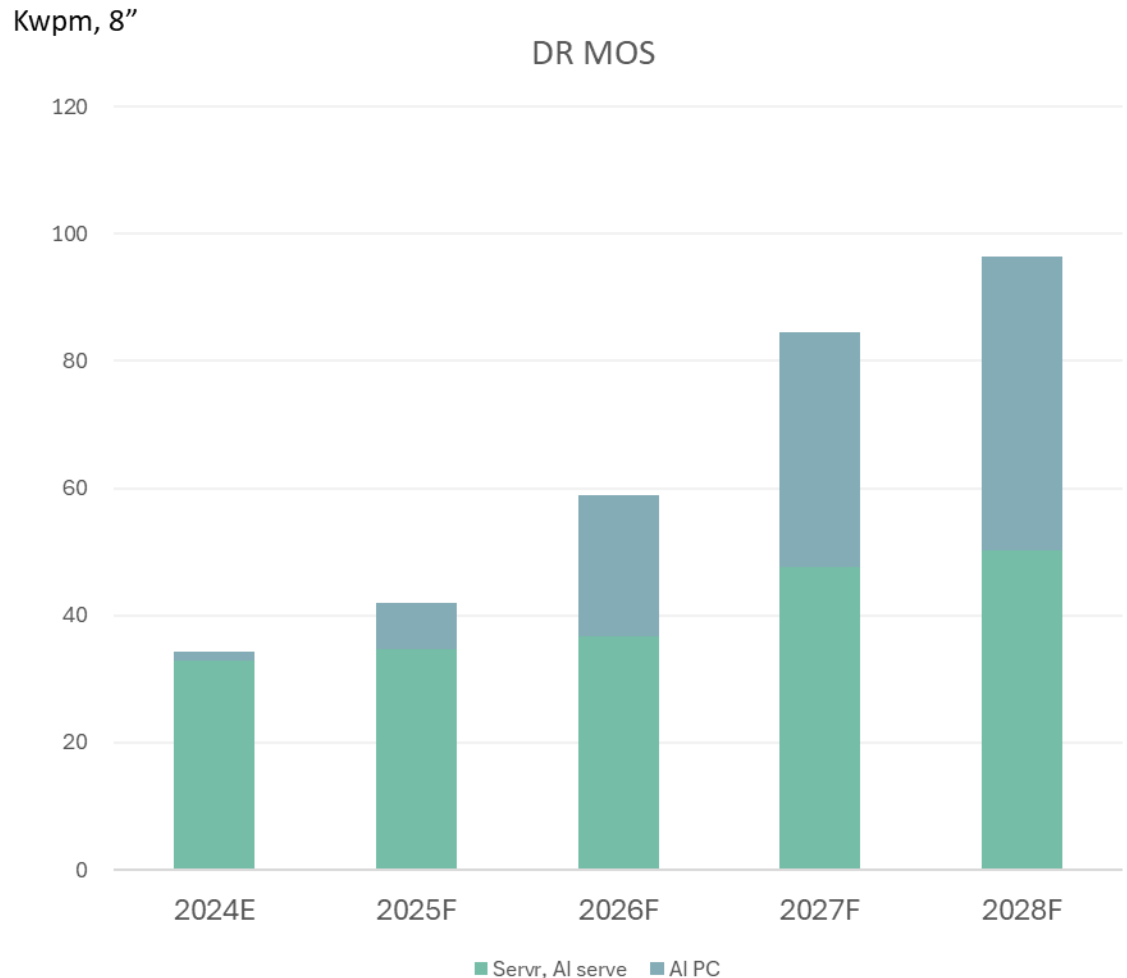
# Next Generation Packaging Technologies



# AI Drive DRMOS Demands On Wafer Thinning



- Providing more stable power to the CPU/GPU
- Miniaturized POWER components and simplified circuits
- **PSI grabs the DRMOS thinning opportunity**



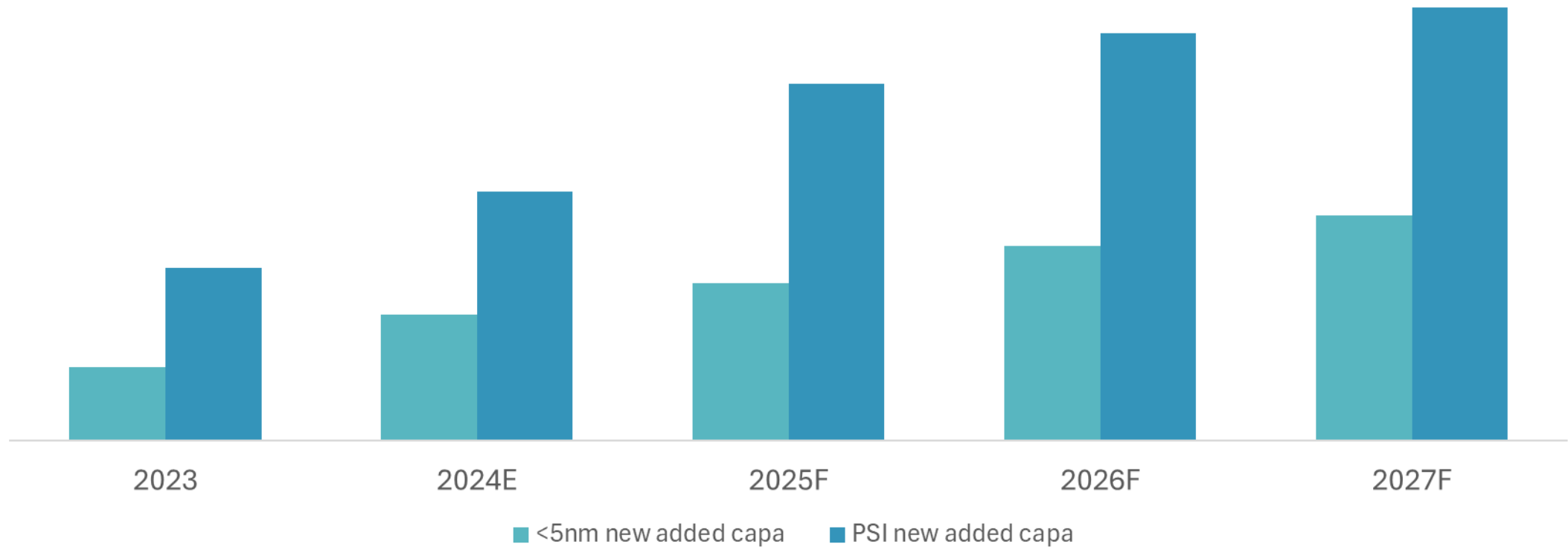
Source: PSI, all about circuit

# Wafering 2.0

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# New Driver – Advanced Nodes Move Faster

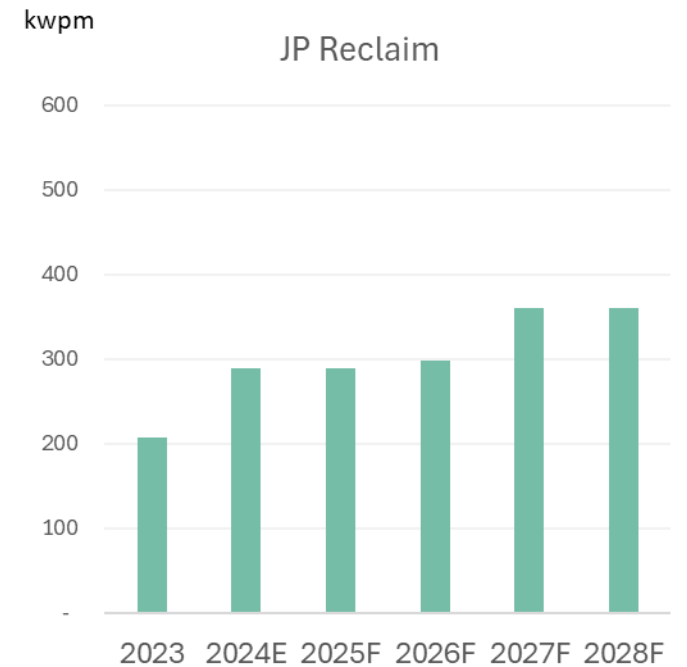
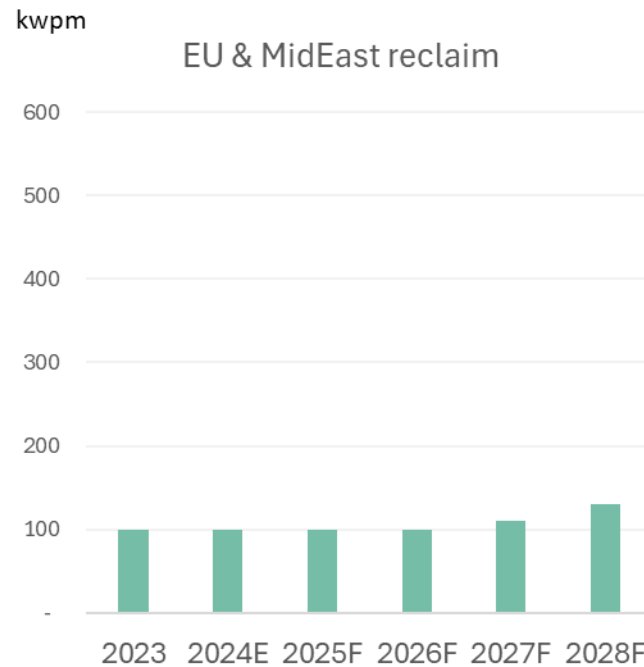
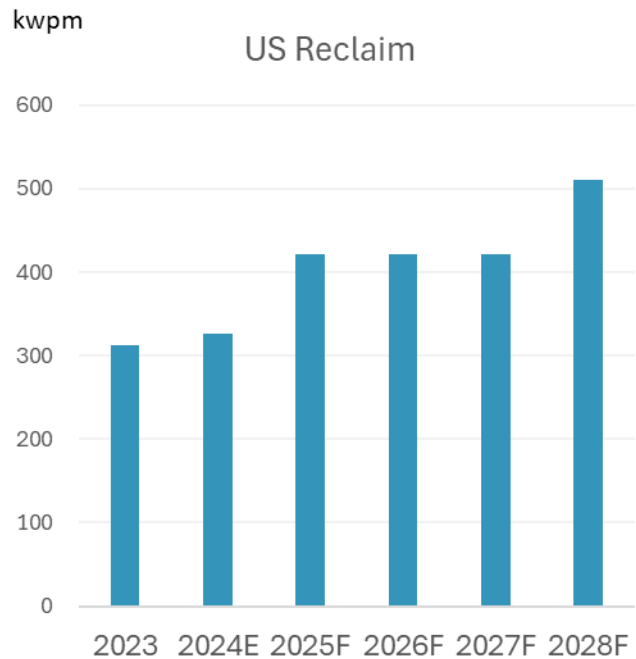
Reclaim expansion >2.3 times vs Advanced process capacity expansion



Source: research institution , PSI estimated

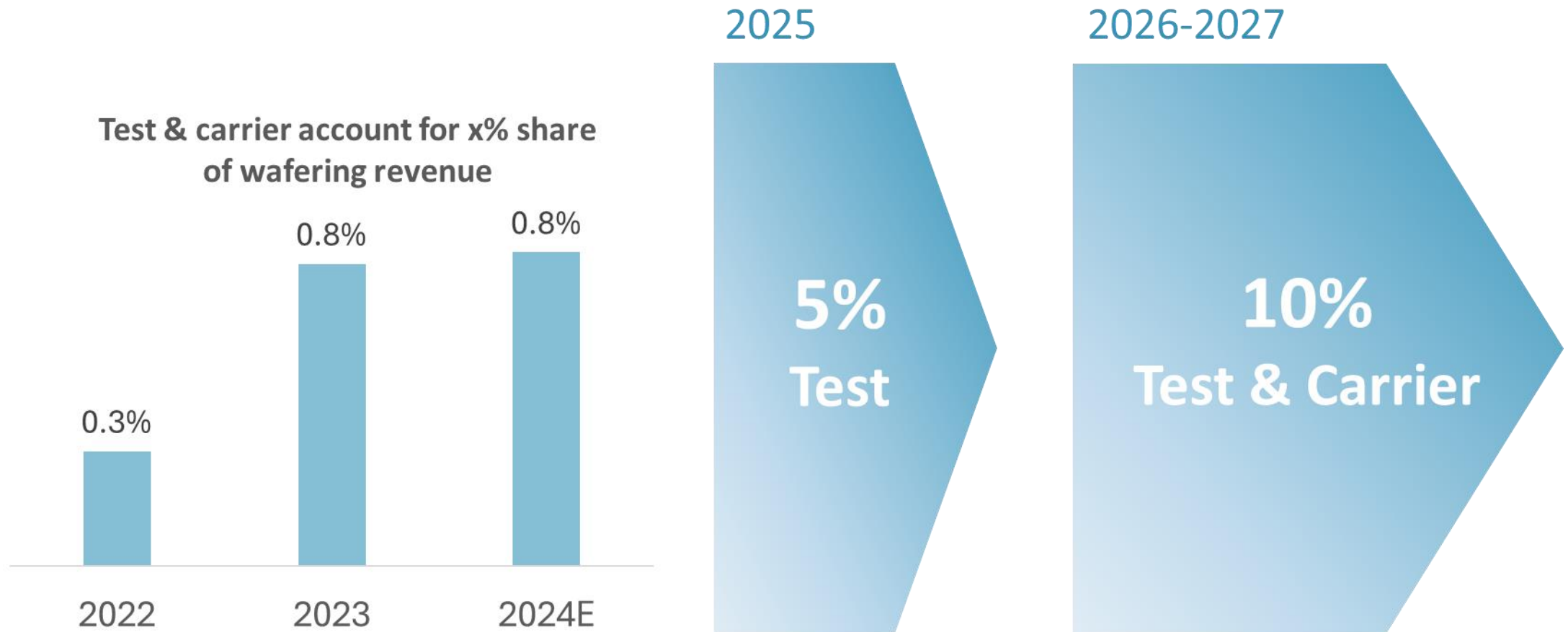
# New Driver - Growing Oversea Demand

- At PSI, our priorities are the U.S. first, Europe second, and Japan third, aligning with market potential and our growth strategy.



Source: research institution , PSI estimated

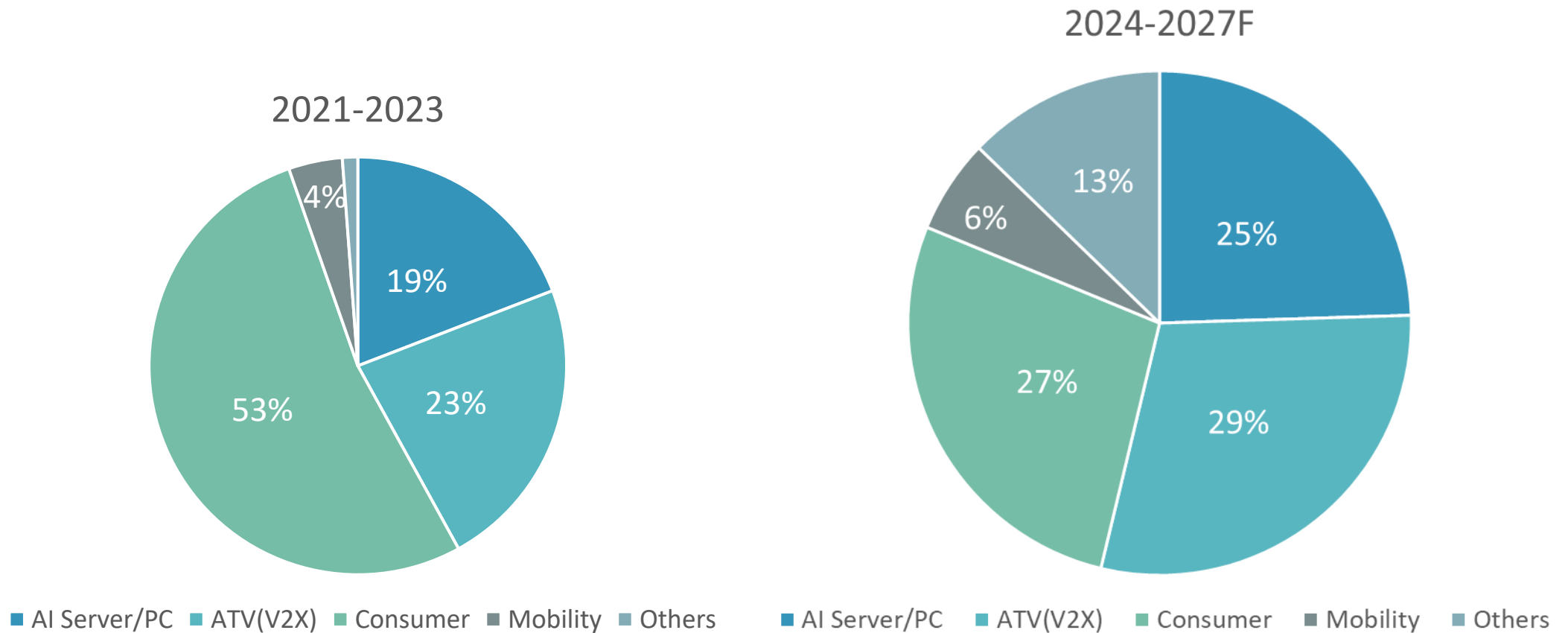
# New Driver – Test/Carrier Wafer Take Off



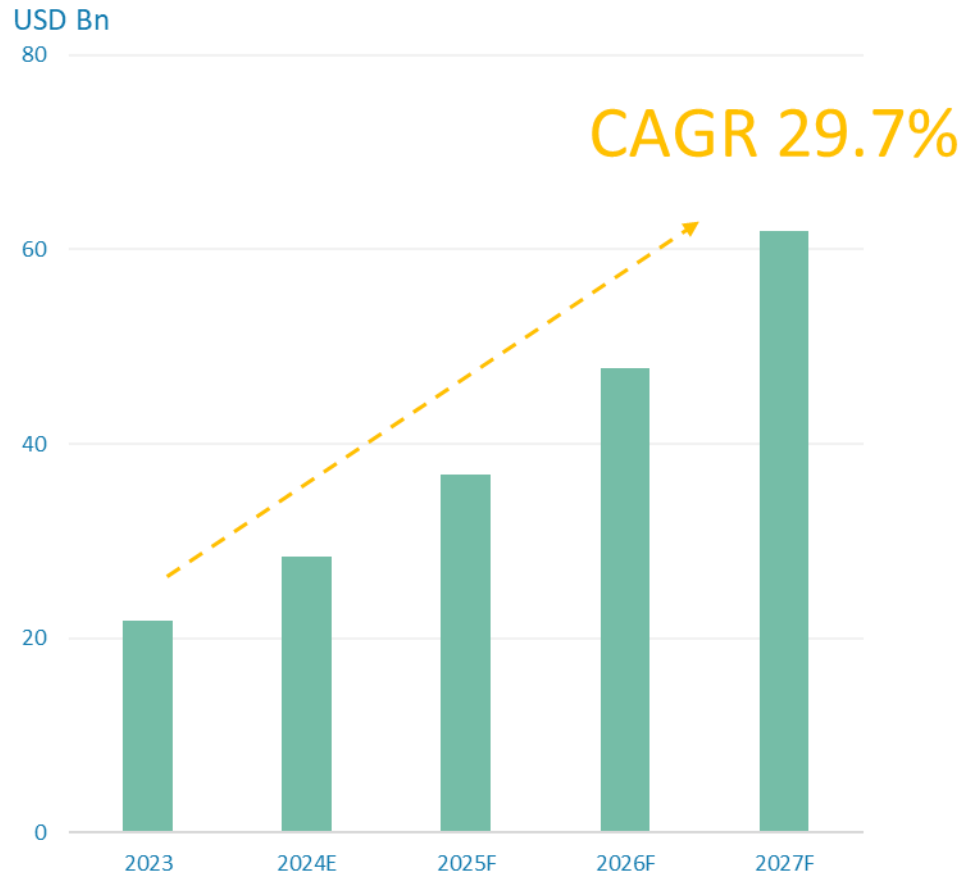
# Thinning 2.0

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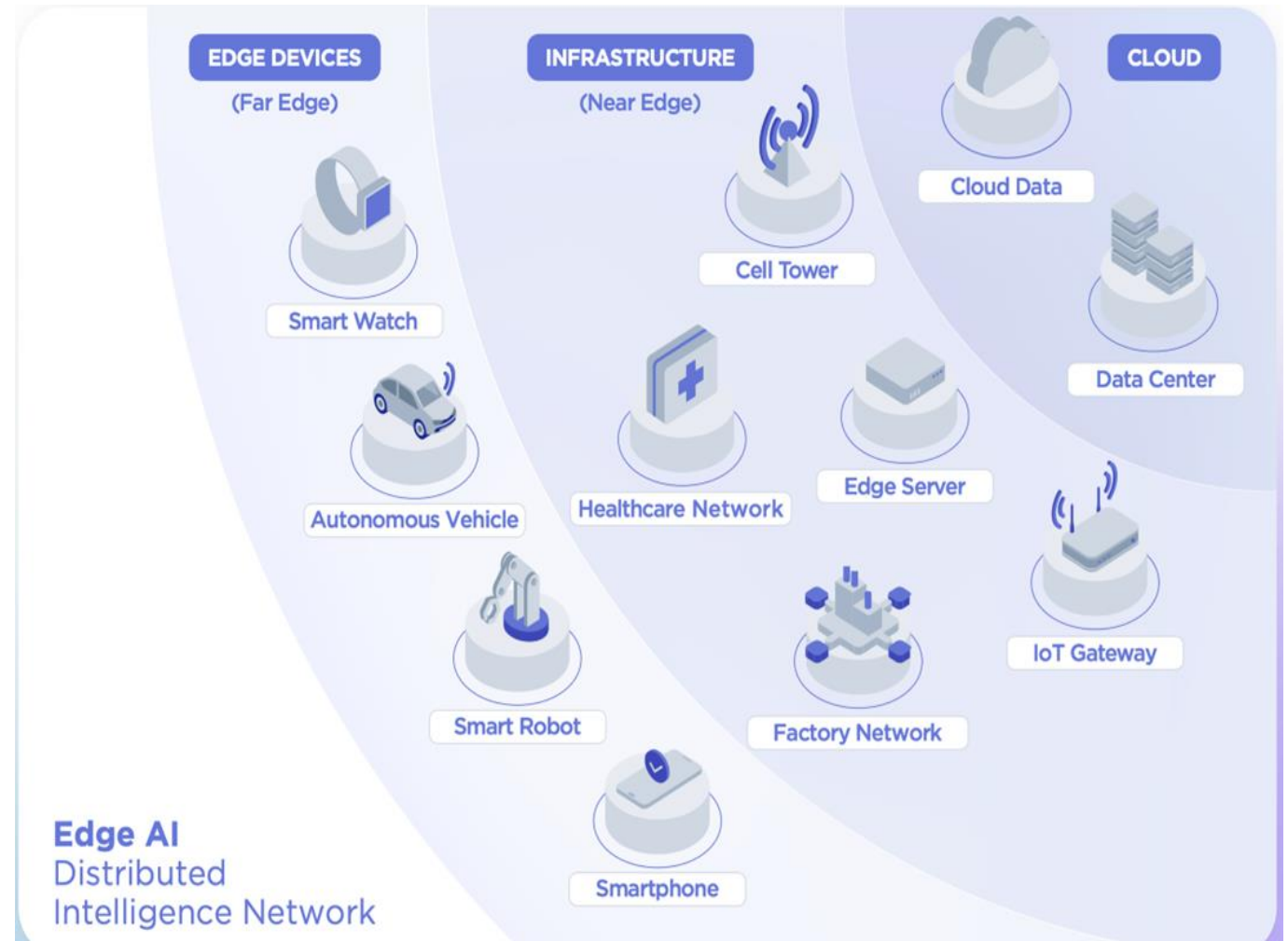
# PSI Thinning Strategic Shifting To AI & ATV



# AI Booming From Center To Edge

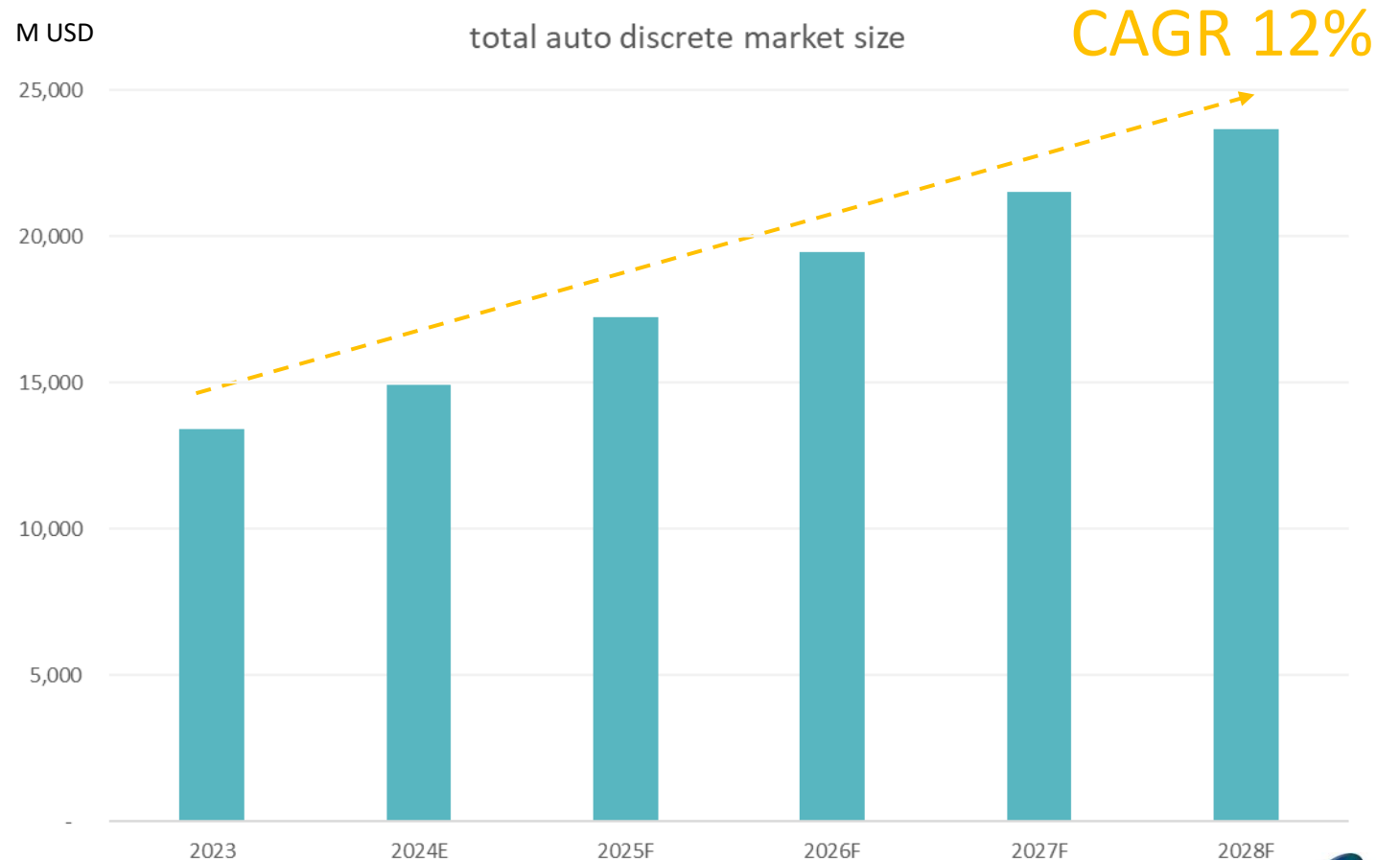


Source: Edge Impulse, PSI



# ATV Is Recovering Steadily

- Currently, there is hardly any growth momentum in our end markets except from AI, the cyclical recovery is being delayed, says CEO of Infineon.
- STM expects a 23% YoY revenue drop in 2024 to \$13.27 billion, with the decline extending into 25Q1. The reduction, driven by weaker demand from automotive, industrial, and electronics clients.

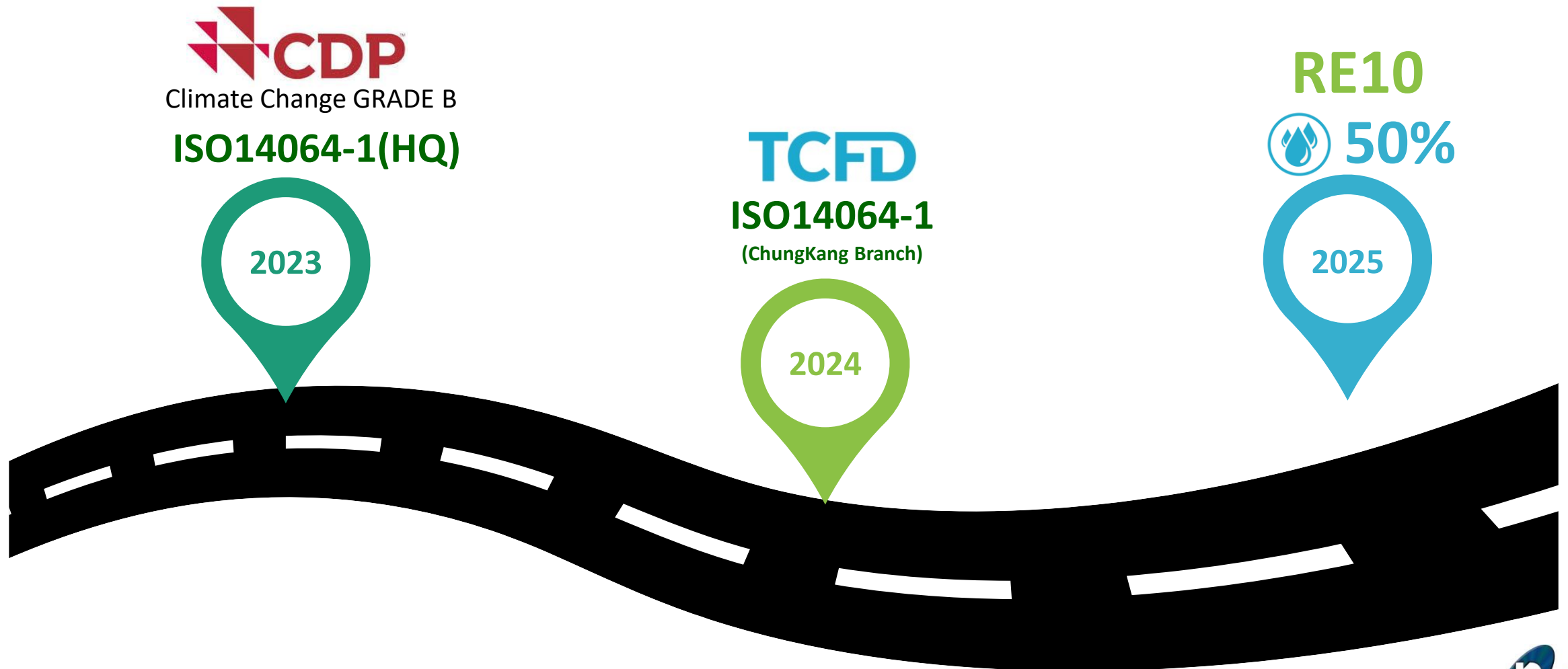


Source: company data, PSI

ESG

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# Milestone and Strategy



# Key Takeaways

- **Driven by three major drivers, our wafering business is expected to see double-digit growth in 2025, further strengthening our leadership.**
- **Powered by AI and automotive recovery, the thinning business is set for profitable growth in 2025.**
- **In 2025, PSI will capitalize on the growth of AI applications, marking a year of accelerated expansion and the launch of our Green Energy era.**

# PSI 2.0

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