

Technical Leadership Brief

Verdancia's platform is anchored by two of Taiwan's most accomplished semiconductor leaders, whose careers span the most critical eras of global advanced-node and memory-technology development.

Dr. Konrad Young — Former Head of Technology, TSMC

Dr. Young served as **Chief Technology Officer at TSMC**, leading the development of multiple breakthrough logic nodes that established the company's global dominance. Recognized as one of the famed "**Six Knights of TSMC R&D**," he played a central role in integrating advanced process technologies that underpin modern semiconductor manufacturing.

His later roles advising Intel and serving as an independent director at SMIC further underscore his stature across the global semiconductor landscape. Dr. Young provides Verdancia with unmatched visibility into frontier technologies, advanced-node manufacturing, and the strategic direction of the global semiconductor industry.

Dr. Pai Pei-Lin — Former Head of technology, Winbond

Dr. Pai served as **Chief Technology Officer at Winbond Electronics**, Taiwan's most established DRAM and specialty memory manufacturer. His career spans DRAM, NOR, SLC NAND, and emerging non-volatile memory technologies, including the first 300mm ReRAM brought to mass production.

Dr. Pai's experience across memory design, production, and commercialization — combined with his oversight of strategic investments at Winbond — gives Verdancia deep insight into the global memory landscape and the commercial realities of scaling specialist technologies.

Strategic Impact on Verdancia

Together, Dr. Young and Dr. Pai give Verdancia a **full-stack semiconductor vantage point** across logic, memory, packaging, and system integration. Their presence materially strengthens Verdancia's ability to:

- evaluate complex technologies
- assess manufacturing readiness
- validate IP defensibility
- secure founder alignment

- access top-tier ecosystem partners

This technical leadership is a defining advantage for Verdancia and a clear indicator of the firm's credibility and capability.