Dr Danny C.K. KO

General Manager, Olabs Technology Company Limited

Biography

Dr Danny KO is the General Manager of Olabs Technology Company Limited, where he drives green data centre solutions for global hyperscalers and local colocation providers. With a PhD in Chemical Engineering from the Hong Kong University of Science and Technology (HKUST) and an MBA from Shanghai Jiao Tong University-KEDGE Business School, he combines deep technical expertise with over 20 years of business leadership.

Dr KO's commitment to sustainability is evidenced by his recent co-invention of a patented Adaptive Fan Cooling System for Data Centres or Server Racks, highlighting his practical contributions to energy-efficient cooling technologies. His Environmental, Social, and Governance (ESG) credentials are further underscored by his Certified ESG Planner (CEP®) qualification and his track record of monetising ESG compliance to secure contracts while reducing Power Usage Effectiveness (PUE) and carbon emissions in data centres.

A recognised industry expert and appointee of the China Surface Engineering Association, Dr KO has authored over 20 peer-reviewed scientific papers in top-tier international engineering journals. He brings a rare combination of technical expertise, commercial acumen, and hands-on experience in green data centre innovation, making him uniquely positioned to share actionable insights on energy-saving and green initiatives within the industry.