



TNCHE Asia 2025 Conference
" Accelerating Industrial Decarbonization:
Digital-AI and Energy Transformation "
Presenter's Biodata & Abstract



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Current Position : AWS Graviton Go-to-Market Lead, Asia Pacific & Japan



Title of Presentation : Empowering Sustainability: AWS Technologies in the Pursuit of Sustainability

Presentation Abstract:

This presentation explores how Amazon Web Services (AWS) is enabling industrial decarbonization through its advanced cloud computing infrastructure, Agentic AI/ML capabilities, and commitment to sustainability. We will demonstrate how AWS's comprehensive suite of services is helping organizations optimize their operations, reduce carbon emissions, and achieve their sustainability goals. Key focus areas include:

1. Cloud Infrastructure Sustainability: AWS's own commitment to reaching net-zero carbon by 2040, operating on 100% renewable energy, and how organizations can improve energy efficiency by adopting AWS custom designed server processors.
2. AI-Driven Innovation: Case studies of how companies are leveraging AWS's AI/ML services, including Agentic AI, to develop new sustainable processes, materials, and products while reducing their carbon footprint.

The presentation will include practical examples, showcasing how AWS's technology stack is driving the industry's transformation toward a more sustainable future.