



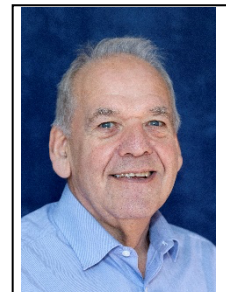
TNCHE Asia 2025 Conference
" Accelerating Industrial Decarbonization:
Digital-AI and Energy Transformation "
Presenter's Biodata & Abstract



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Current Position: Managing Director



Title of Presentation:



Presentation Abstract: Energy Savings for Process Heat Exchangers: Case Studies and Benefits

In the realm of chemical processing, heat transfer is essential for driving chemical reactions and achieving efficient energy use. Enhancing the performance of heat exchangers and reactors is critical to improving overall plant efficiency and realising significant energy savings.

This presentation explores the pressing need for chemical process industries to boost output without compromising product quality or increasing energy consumption. Drawing on decades of experience and practical case studies, it highlights effective strategies and technologies that can help plants to:

- Improve, integrate, and optimise the performance of existing equipment
- Increase production while reducing energy usage
- Mitigate fouling to maintain consistent performance
- Enhance overall plant operability
- Reduce operating costs
- Achieve improvements with minimal investment

By improving heat transfer efficiency, the chemical industry can move toward more sustainable practices and help address the global energy challenges of the 21st century.