



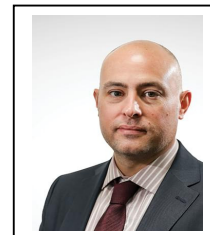
**TNCHE Asia 2025 Conference**  
**" Accelerating Industrial Decarbonization:  
Digital-AI and Energy Transformation "**  
**Presenter's Biodata & Abstract**



**Full Name** : Mr. Gary Wilson

**Organization** : CR3 (Thailand) Co.,Ltd.

**Current Position** : Vice President International Sales (ZymeFlow)



**Title of Presentation:** "Technologies for Timeline Reduction in Fixed Bed Reactors"

**Presentation Abstract:**

Fixed bed catalyst change outs are almost always critical path events for downstream oil & gas owner operators. Global reductions in sulfur specifications combined with ever diversification of feedstocks have generally increased the frequency of these events.

By incorporating proven, yet new and innovative technologies, the duration of these events can be reduced while simultaneously increasing safety for both personnel and environment.

We at CR3/ZymeFlow have developed a proprietary service offering by combining a unique technology by applying a specialized portfolio of chemistries during reactor shutdown to quicken time to achieve contaminated levels to allow reactor opening. This application will reduce hydrogen consumption, nitrogen consumption and minimize flare loading.

By combining both unique technologies CR3/ZymeFlow offers an avenue for cost and timeline reduction, mitigation of environmental impact while increasing safety for associated personnel.