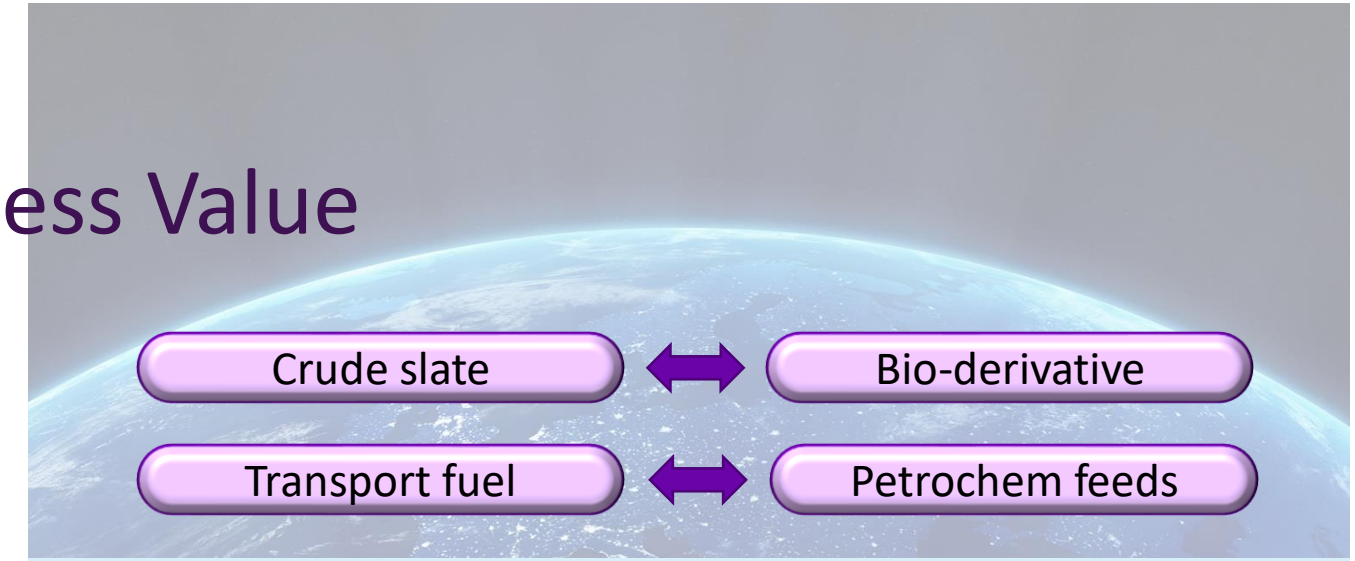
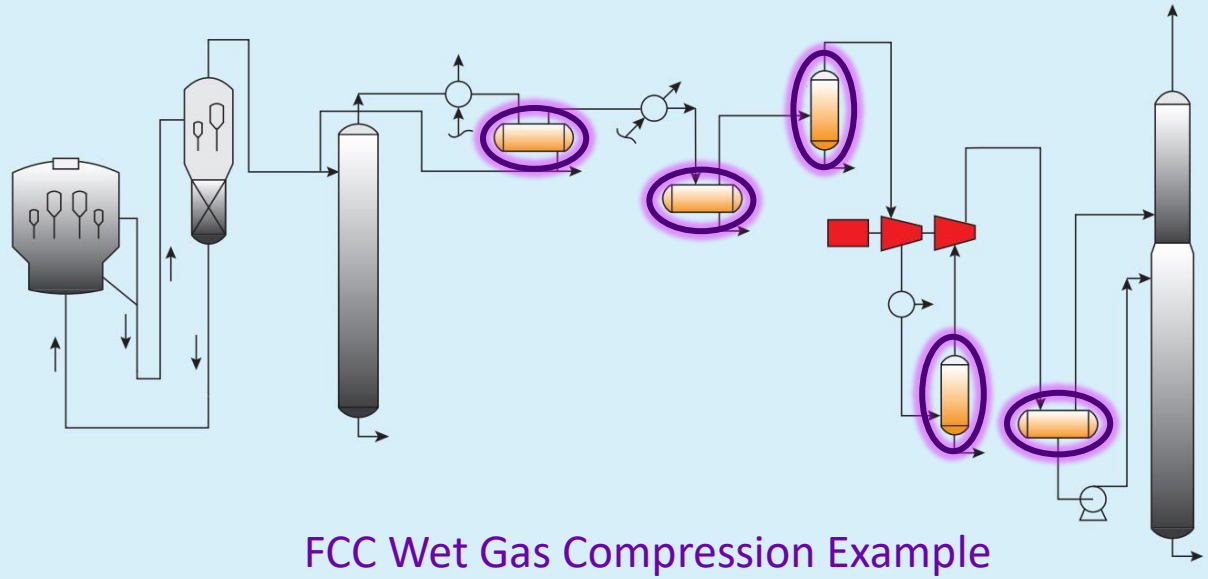
MySep & PRO/II - the Business Value

Phase separation is often….

- A constraint on production capacity
  - *Optimising Refinery FCC for operational changes*
- An asset integrity risk
  - *Potential lost production from compressor failure – FCC Wet Gas Compression …….*
- A cause of excessive OPEX
  - *Frequent molecular sieve bed replacement - gas plant dehydration service ……*
- ……



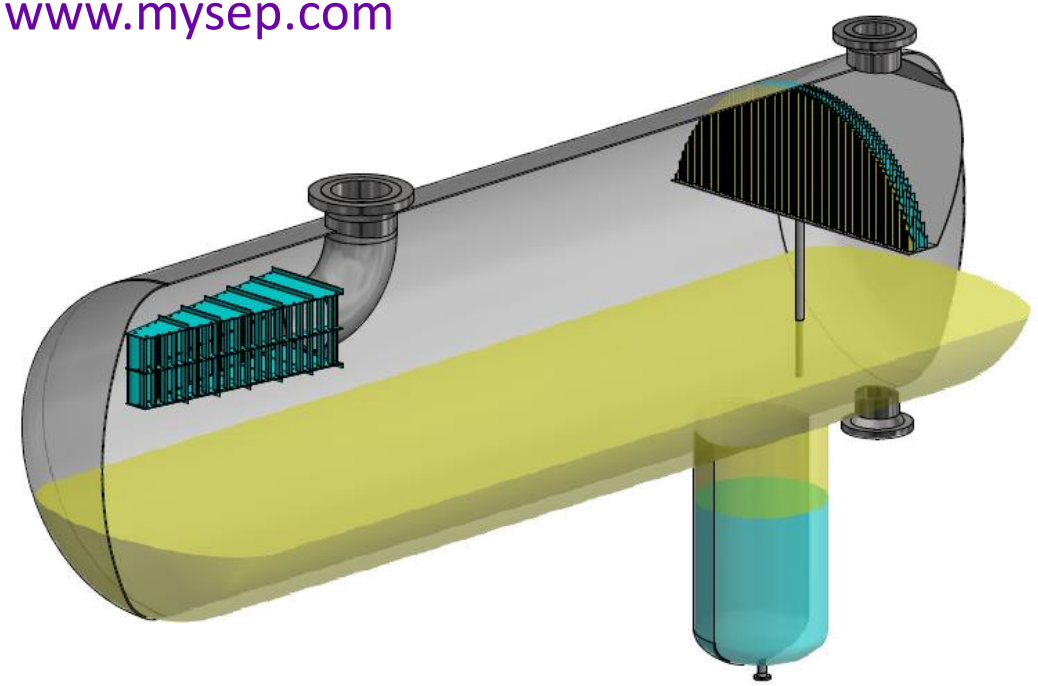


FCC Wet Gas Compression Example

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MySep Incremental Modelling

www.mysep.com



- MySep Engine gas-liquid
  - Predicted inlet mist-fraction and droplet size distribution
  - Separation efficiencies
    - Inlet devices
    - gravity
    - Demisting devices
  - Predicted liquid carry-over and droplet size
  - Operational warnings
- MySep Studio
  - Design and detailed performance analysis
  - Gas-liquid and Liquid-liquid

Contact: tom.ralston@mysep.com

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MySep Business



50 + Customer Companies

8 of top 10 International Operators

5 of top 10 International EPCs

- The industry standard software for 2-phase and 3-phase separators
- Fully integrated with Simulation Digital Twins
- Detailed analysis of existing unit performance
- Greenfield design & retrofit up-grade for more throughput
- Supporting Services for client Margin Optimization

Boost facility revenue and margin by > $100 millions per annum

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