

# ODEC<sub>LITE</sub> Liquefaction Technology – Fact Sheet

## The Smarter Choice for Small Scale Liquefaction

Based on Aragon's Mid-Scale ODEC technology

### LOW CAPEX. LOW OPEX. FAST EXECUTION.

- From **0.02MTPA UP TO 0.5MTPA LNG** per train
- Utilises N<sub>2</sub> Expander cycles – **THE MOST PROVEN** small scale liquefaction technology
- **CONTINUOUS** turndown below 20% capacity per train including energy saving
- Optimised Efficiency

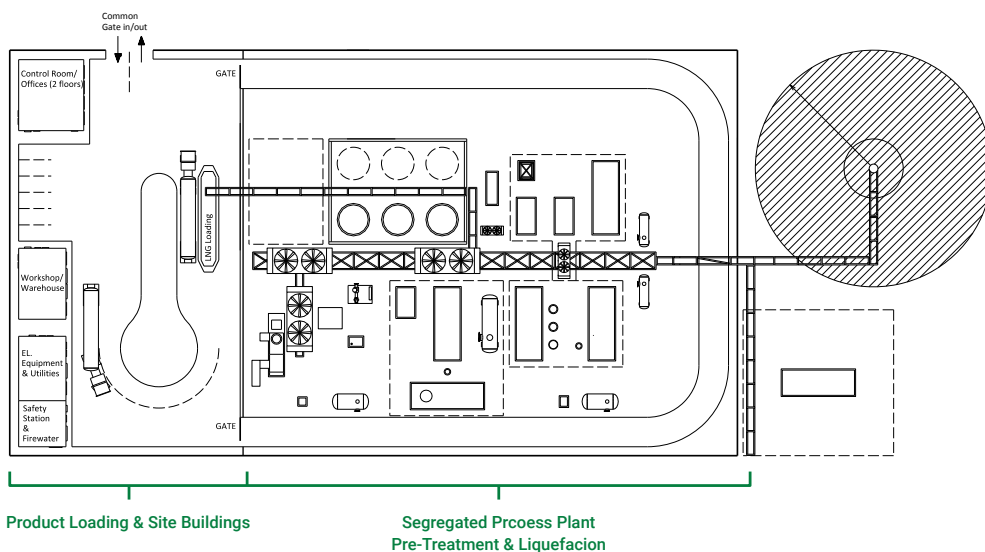
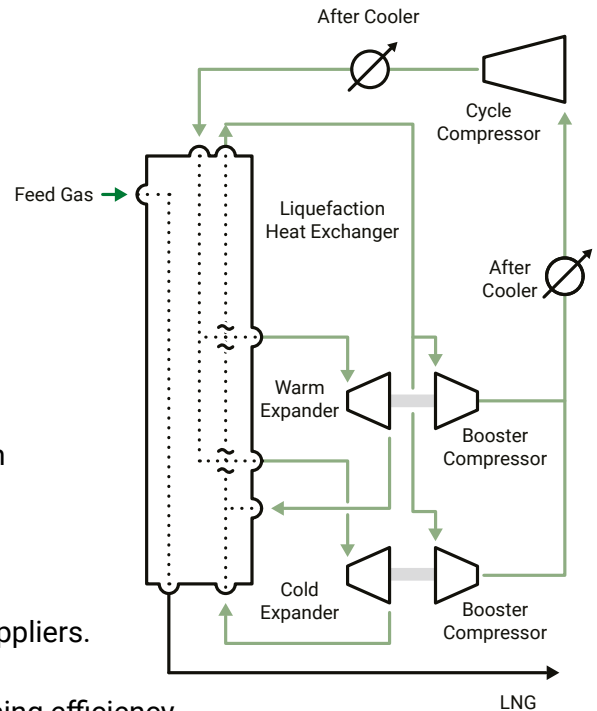
ODEC Lite applies only proven equipment from proven suppliers.

**MINIMISED EQUIPMENT COUNT** without compromising efficiency or operability.

- ✓ No prototypes
- ✓ No unproven machinery
- ✓ Existing supply chain

### Simple, Optimised Lean Design

- ✓ Road transportable – using existing logistics chains
- ✓ Can be installed on land or on barges
- ✓ Air cooled or water cooled
- ✓ Fast time to first LNG



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# Low CAPEX, Low OPEX & Better NPV



## Optimised Availability

- Higher production up time than Mixed Refrigerant alternatives  
↑ LNG Produced Per Year = Better Net Present Value\*

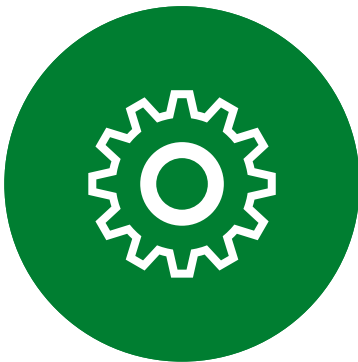
(\* Studies show production availability has a bigger effect on NPV than cycle efficiency)

- Optimised equipment count, equivalent to Single Mixed Refrigerant processes
  - Nitrogen results in the best availability for equipment
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## Best In Class Safety

- Safest and lowest risk technology available
  - Non-hazardous single phase gaseous refrigerant
  - Minimal hydrocarbon Inventory = lightweight & compact plant design
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## Operations & Maintenance

- Simple to start up, operate & optimise – easy for operators
  - Low operating costs (OPEX)
  - Highly flexible and simple to adjust production output
  - Robust & self adjusting for large changes in feed gas
  - Faster start & re-start than mixed refrigerant processes
  - Suitable for remote operation
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## Efficiency & Environment

- Optimised efficiency = minimised difference compared to Single Mixed Refrigerant (SMR) processes
- No Loss or flaring of refrigerant during turn-down or shutdown
- Minimised feed gas usage during start up due to excellent turndown and faster start up compared to mixed refrigerant processes

Want to Know More? [hello@aragon.no](mailto:hello@aragon.no)

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