



DELIVERING ENERGY

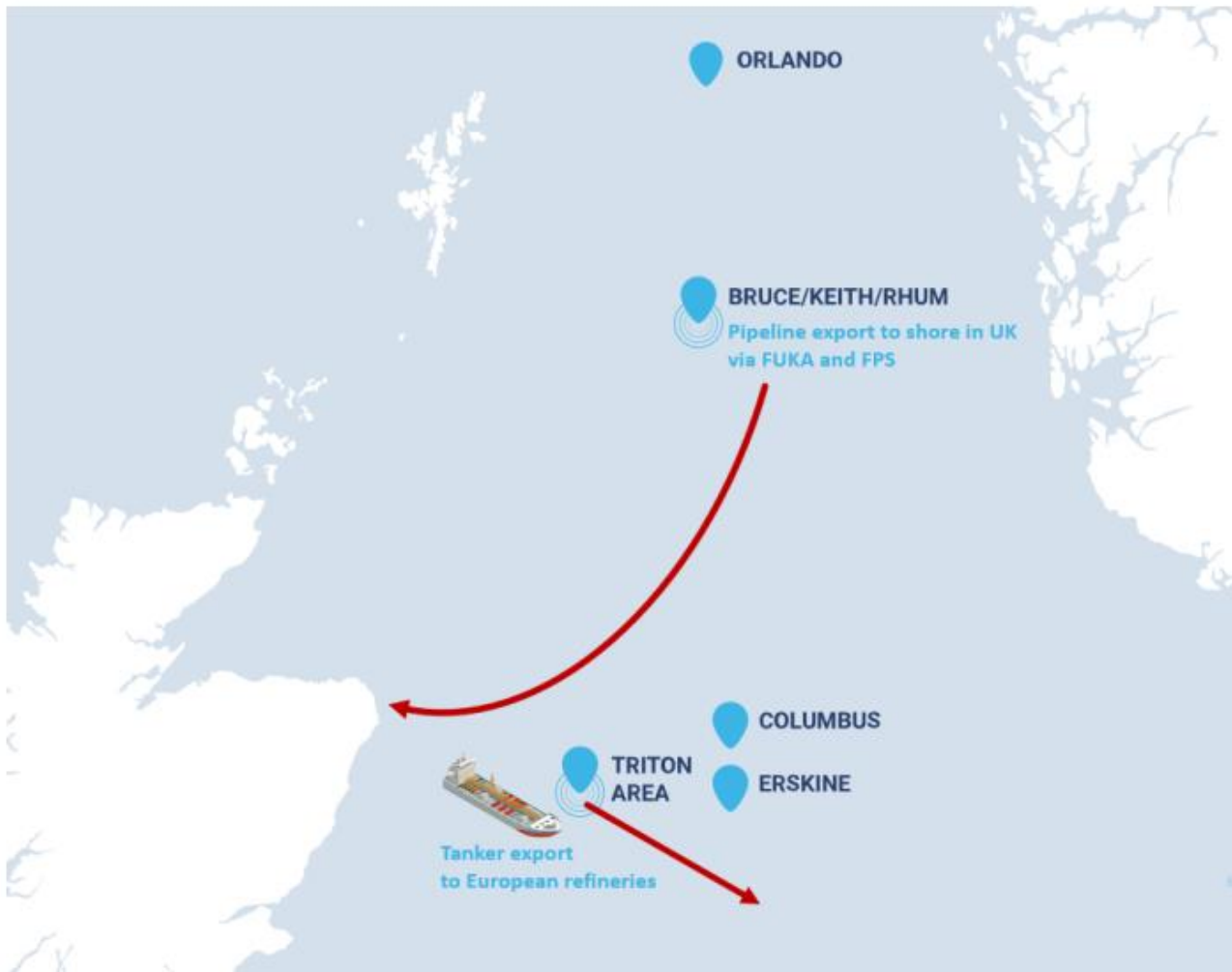


A People-led Approach to Reducing Asset Emissions

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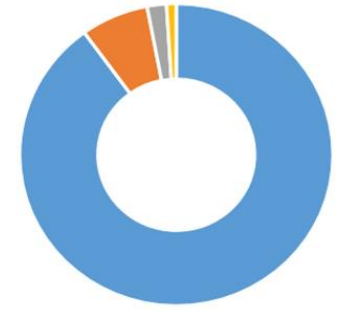
Serica overview



- 2 core production Hubs
- 200+ staff
- 40- 45 mboe/d net
- 80% of production operated by Serica

Bruce Hub: Operated

Proportion of Scope 1 CO₂ Emissions



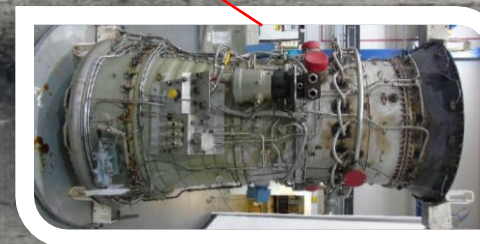
■ Fuel gas usage ■ Flaring ■ Diesel Usage ■ Venting



Tertiary compression (LPBC) 8.5MW
~45,000Te CO₂/yr



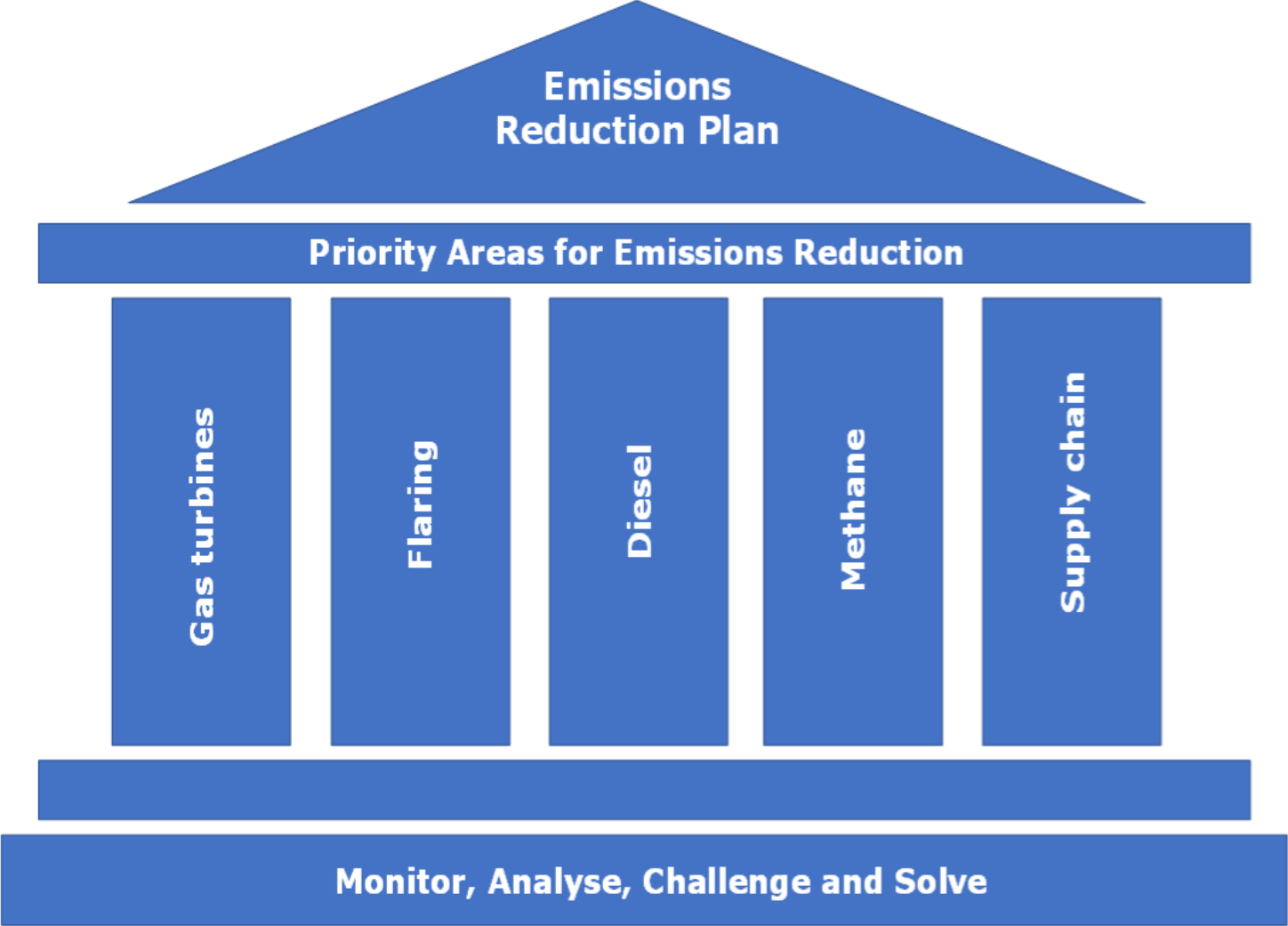
Primary & Secondary compression (MPX) 19- 24MW
~100,000Te CO₂/yr



Electrical power generators 6 MW
~ 50,000Te CO₂/yr



How did we start the journey?



Emissions Reduction

Optimise Asset Operations

Visible daily targets & performance

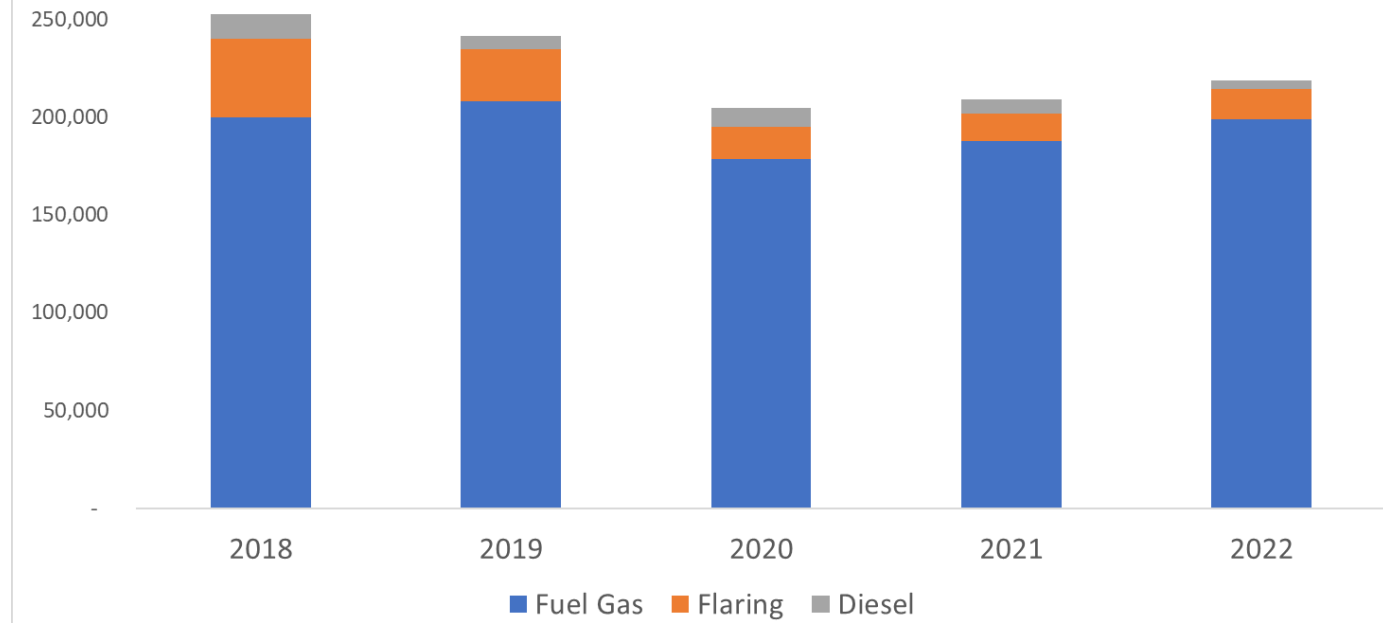
Revised produced water injection operations

Revised gas injection bull-heading operations

Deployed digital support, *Emissions.AI*



Bruce CO₂ emissions by source 2018-2022 (tonnes)



Compression/ Power Generation

Energy Assessment

Power Generation & Emissions appraise study

Waste Heat to Power feasibility study

Flare Reduction

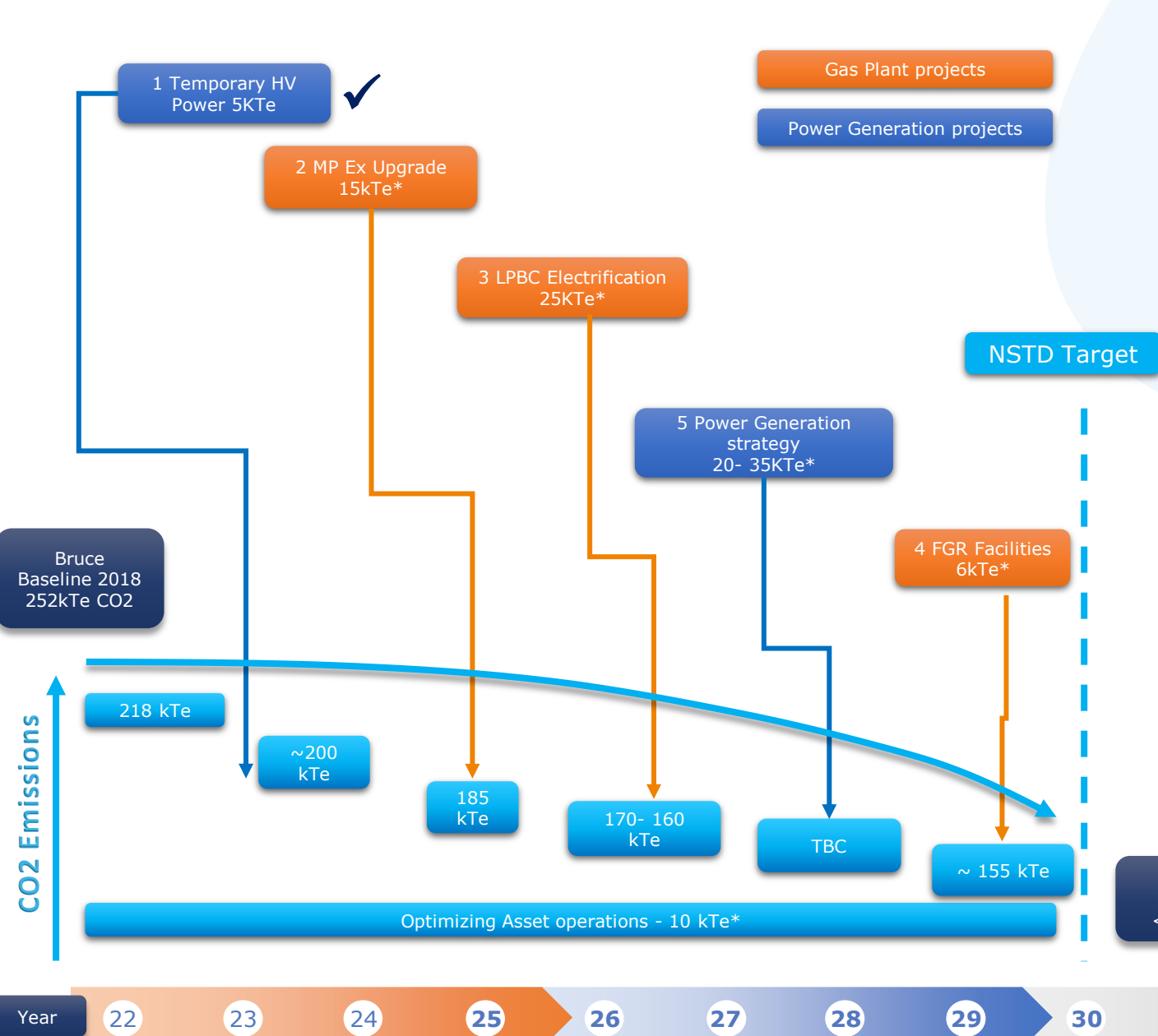
Flaring Strategy: policy, principals & operational guidance

Revised Rhum Field re-start operations

Flare Gas Recovery pre-appraise study



Emissions Reduction Action Plan



No	Project Status
1	<ul style="list-style-type: none"> • Temporary H.V Power project • Much lower emissions/ lower diesel consumption in TARs • Execution complete: replicate in future TAR outages.
2	<ul style="list-style-type: none"> • MP & Export Compression Revamp project • New compressors on order, expected Aug-24 • In Define stage; Execute in 2024/5
3	<ul style="list-style-type: none"> • LPBC Compression revamp & electrification project • Started Define/FEED stage • Execute in 2026
4	<ul style="list-style-type: none"> • Flare Gas Recovery project • A phased approach to achieve Zero Routine Flaring • In Appraise/Select stage, Pre-FEED commences in 4Q23 • Execute in 2029
5	<ul style="list-style-type: none"> • Power Generation strategy • Up-scale based on feasibility of MPX electrification or • Down-size to more thermally efficient units
6	<ul style="list-style-type: none"> • Low Carbon Power: screening study for alternative fuels
7	<ul style="list-style-type: none"> • Electrification: Grid (Full) and FOW (Partial) cases • Pre-Appraise study complete • NNS area study with WINTOG program

Pathway to 50% reduction in emissions by 2030 to achieve the NSTD target.

All projects have plans in place for progression

*Represents average annual CO₂ saving

ERAP projects delivery

Our supply chain Partners

Continue collaborating & Partner NZTC with other Operators



Looking ahead...

Collaborate with & support our Joint Venturers

Continue to share with & learn from other Operators



Energy Savings Opportunity Scheme Phase 3 & 4

OGA Plan



OGMP 2.0 membership

