



**Engaging and
empowering teams
to support positive
environmental
progress**

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Analyst**





Serica Offices



Triton FPSO

VesselFinder



Bruce Platform

- UK based E&P Company
- 2 main production hubs; Bruce Platform and Triton FPSO
- Produce approx. 40,000 boe/day
- 200+ staff split between offshore, Aberdeen and London
- Continuing to Act Responsibly is a key goal that drives us, and our people led approach is key to this

“Every person is the right person to act. Every moment is the right moment to begin.” – Jonathan Schell

Why engagement?

Compliance

**Risk
Management**

Innovation

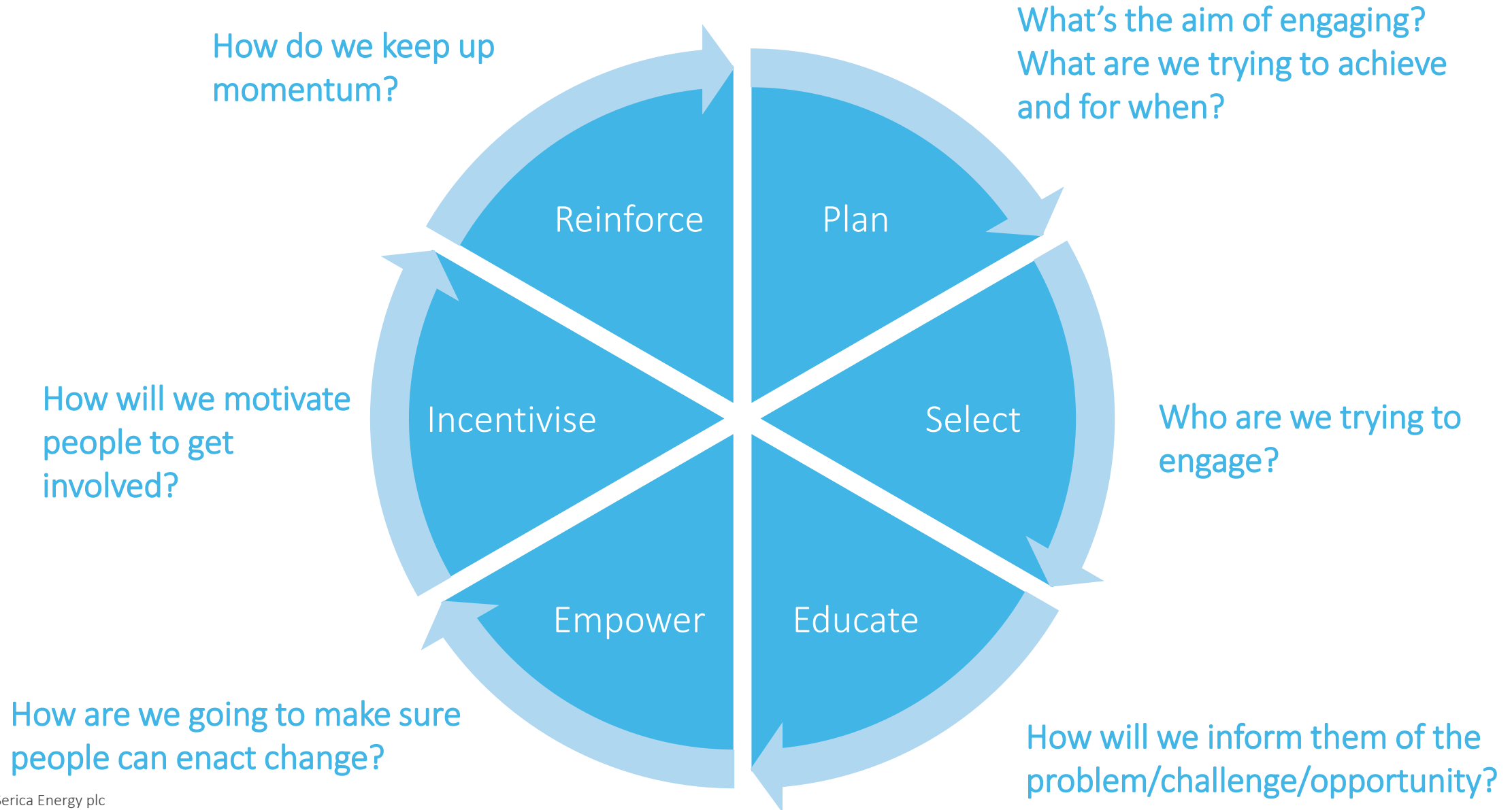


Morale/Retention

**Changes in
Trends**

**Continuous
Improvement**

Approaching engagement



Building Culture



Education



Emissions Reduction



BRUCE
ESG CHAMPIONS



Charities & Fundraising



Diversity & Inclusion



Armed Forces Support Group



ESG Suggestions

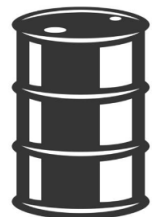


ENVIRONMENTAL PERFORMANCE

Aspect	2022 Actuals	2023 Targets	Nov-23	2023 Year to date	Comments
Flaring Tonnes - gas flared/d (Cat A)	8.98	<9.00	7.62	8.77	Cat A flaring slightly down due to large amount of Cat B flaring during the month due to a Rhum restart
Flaring Tonnes - (Cat A, B & C)	5,753	<5,000	813	4,416	Higher flaring due to Rhum restart on the 2 Nov. Flaring levels normal during the rest of the month
Carbon Intensity kg CO ₂ / boe	16.28	16.50	17.08	16.39	Improved CI in November due to more consistent production
CO ₂ Production Tonnes - UK ETS	218,567	200,000	18,001	161,490	Emissions higher for Nov due to cold Rhum restart. YTD is still on target
Waste % Reused, Recycled and Waste to Energy	83%	90%	100%	80%	100% for November. YTD is still below target
Waste Tonnes - general waste and dry mixed recyclables	90.27	<90.00	14.32	94.85	General waste = 11.62tns Dried Mixed Recyclables = 2.7tns
Marine Pollution Tonnes - discharged oil in produced water	0.88	1.27	0.00	0.24	Small overboard discharge during 6-7 Nov. Equivalent to approx. 0.5 kg

Environmental Statement (ES)

- An ES must be prepared if a new field development or a project falls under Schedule 1
- An ES must also be prepared if there is an increase in production within an existing installation that will exceed the thresholds for a Schedule 1
- An ES must describe the project and present the findings of any studies carried out to examine the potential environmental impacts of the project and any proposals to eliminate or mitigate the impacts
- Allow for around 6 months of preparation of the ES and a further 6 month review period
- An ES goes out for public consultation



ERG/ Technology Update



Update on NZTC projects

- Flare Combustion Efficiency Project
 - Bruce assessment with Accord



- Alternative Fuels Project
 - Bruce assessment with Xodus/ Siemens
 - Fuelling Bruce via low carbon or carbon neutral fuels
- Northern North Sea Partial Electrification Study
 - Evaluate technical, operational, economic & regulatory requirements with Xodus
 - Focused on wind turbine and gas turbine integration
 - Bruce, Kraken FPSO and Mariner assets



Ohufare Eiebiju



Matthew Neal



Mike Kil...



Alex Pirie



Katriona...



Johnrny P...

Allan Doak



+75



Environmental Committees



Emissions Reduction

Emissions Reduction Group

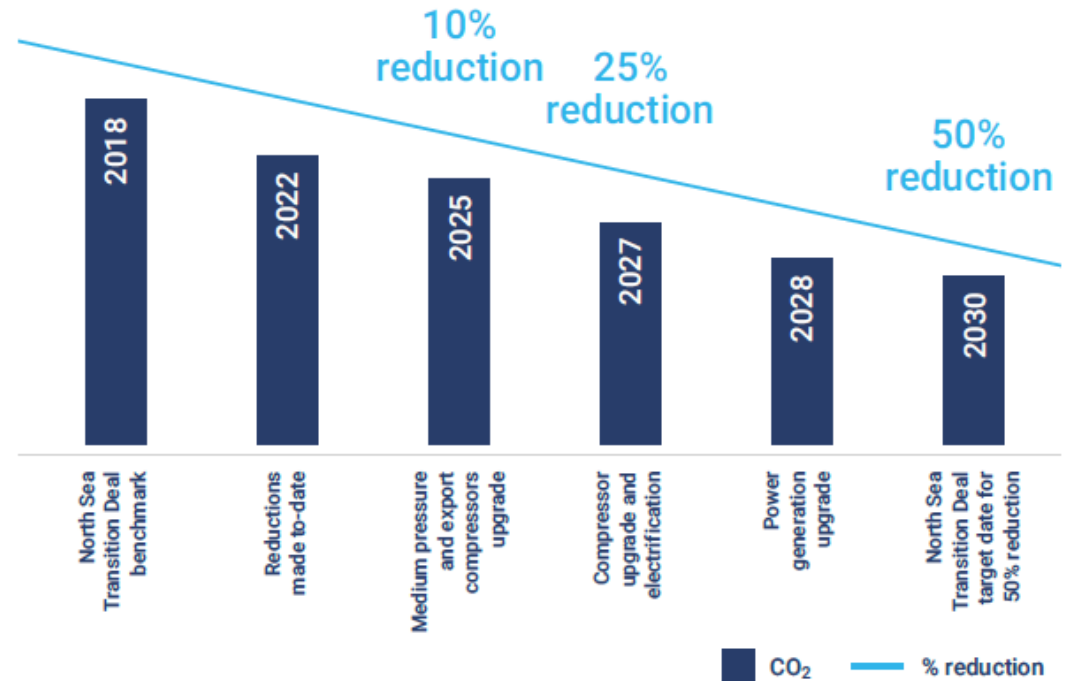
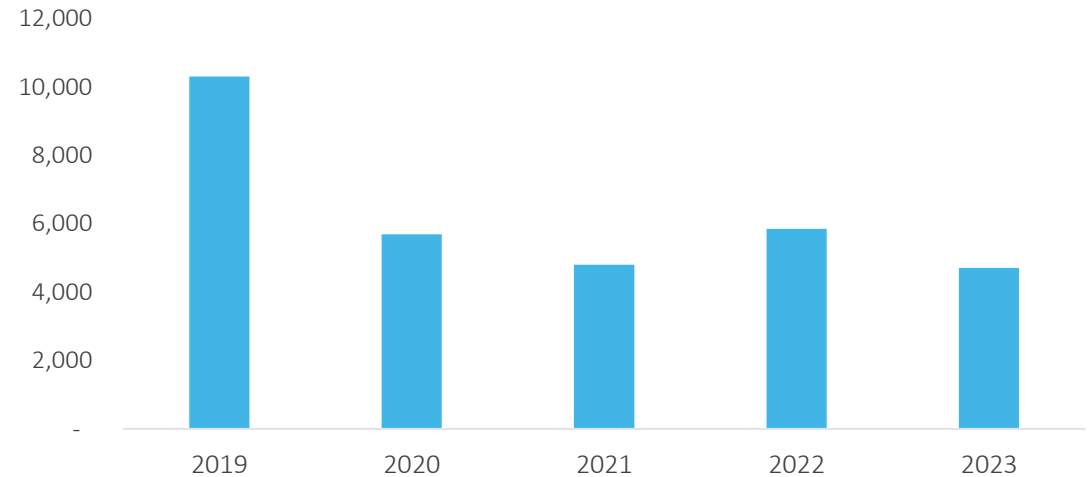
Started as a predominantly onshore group made of Engineers

Mission of re-evaluating what we do and how we do it, to reduce our GHG emissions

Developing a flaring strategy, was has helped half flaring volumes

Their ideas have formed the foundation of our Emissions Reduction Action Plan (ERAP)

Annual Bruce Flaring (tns)



Working with Offshore



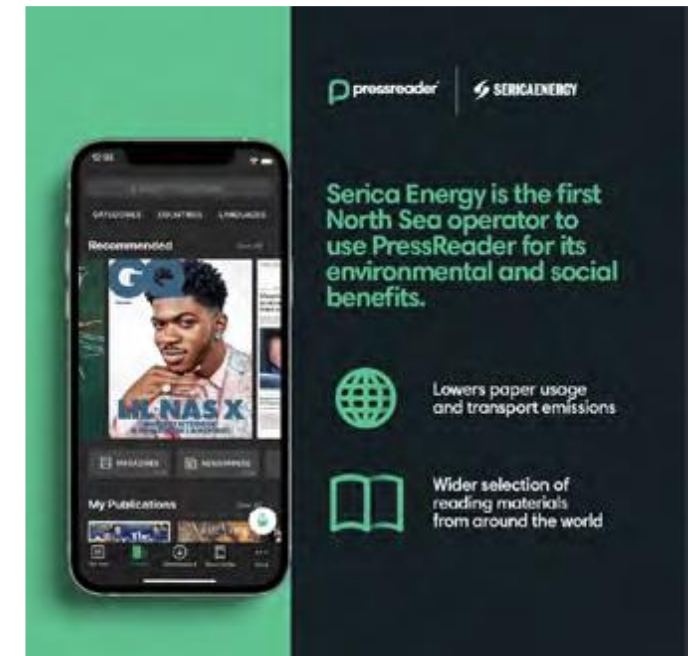
BRUCE ESG CHAMPIONS

Bruce ESG Champions

Made up of a variety of offshore staff and contractors from a mix of backgrounds

Focus on reducing the day-to-day environmental impact of platform operations

Have implemented initiatives to reduce waste, challenge our processes to save fuel and reduce emissions



But there are always challenges...



Takeaways

- Engagement is key to embedding a sustainability culture
- Education and empowerment of others is key to our roles as Environmental professionals
- Consistent messaging needs to come from all levels of the organisation
- Every idea and positive contribution counts, no matter how small
- Find what people are passionate about and channel it into your strategy



“No one can do everything, but everyone can do something”. – Max Lucado