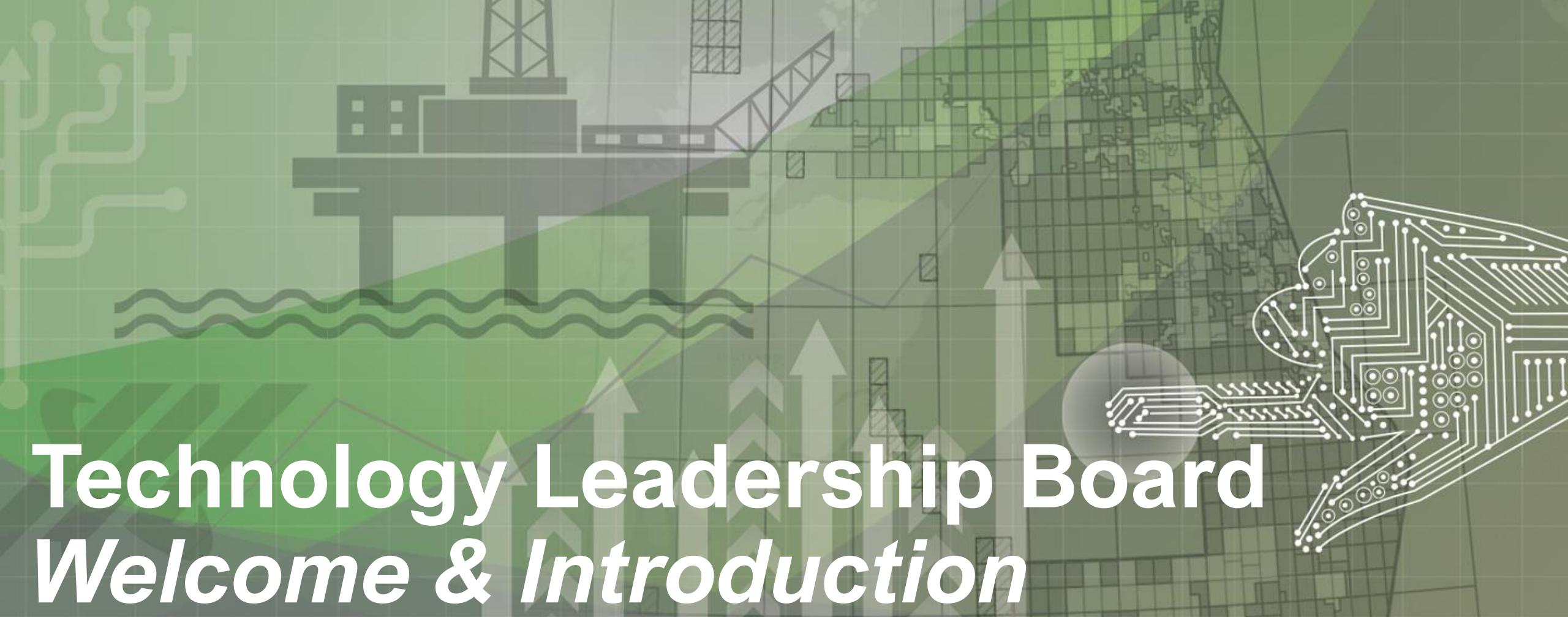




Technology Leadership Board

Welcome & Introduction

*Emission Reduction Technology Showcase
18th February 2025*

*Ernie Lamza, Technology Manager
North Sea Transition Authority*



Introduction & Welcome

- Thanks for being here
- Thanks to everyone who has contributed to make it happen
- We really appreciate the speakers' efforts in sharing their experiences
- Time for Q&A after each of the presentations
- Please contribute to the discussions, ask questions, make comments, and give us feedback today and after the event
- Lots of time scheduled for you to interact with the exhibitors around the room, the speakers and each other

Emissions Reduction Technology Showcase Programme Tuesday 18th February, 8.15am to 1:30pm

Speaker Programme	
08.15	Arrival, Coffee
08.30	Welcome and safety briefing. <i>Rebecca Allison, NZTC</i>
08.35	Welcome and introductions <i>Ernie Lamza, Technology Manager, North Sea Transition Authority</i>
08.40	Keynote on ER importance and ERAP process <i>Jenni Whitfield, Project Stewardship Lead CSAT, North Sea Transition Authority</i>
08.50	Emission Reduction Technology Roadmap Launch: <i>Niki Chambers, Head of Technology Solutions, Net Zero Technology Centre</i> <i>Ernie Lamza, Technology Manager, North Sea Transition Authority</i>
Deployed emission reduction technologies case studies	
09.20	Serica Energy & Transvac Ejector Solutions – Routine flaring reduction & elimination <i>Kevin Wright, Head of Process & Technical Safety, Serica Energy</i> <i>Peter Ainge, Business Development Manager, Transvac Ejector Solutions</i>
09.40	TotalEnergies & Accord ESL – Flaring optimisation <i>Graeme Birks, Metering Lead, TotalEnergies</i> <i>Bob Peebles, Principal Measurement Consultant, Accord ESL</i>
10.00	Technology Showcase & networking (coffee)
Deployed emission reduction technologies case studies	
11.00	Repsol Resources UK - Piper John Brown Charlie turbine, PEK upgrade <i>Andy Wright, Environmental & Emissions Manager, Repsol Resources UK</i>
11.20	EnQuest – Armada Kraken FPSO alternative liquid fuel & fuel gas usage efficiency <i>Murray Dick, Technical Lead Upstream Directorate, EnQuest</i>
11.40	Verlume - Reliable and efficient power delivery through subsea batteries and power management systems <i>Daniel Willoughby, Lead Systems Engineer, Verlume</i>
11.55	PlanSea Solutions – Reducing emissions through optimising marine logistics <i>Jim Cargill, Chief Executive, PlanSea Solutions</i>
12.10	Feedback from the floor – discussion <i>Niki Chambers, Head of Technology Solutions, Net Zero Technology Centre</i> <i>Ernie Lamza, Technology Manager, North Sea Transition Authority</i>
12.30 – 13.30	Technology Showcase & networking (lunch)

1 hour

1 hour

This is a Technology Leadership Board North Sea Transition workstream event in collaboration with Offshore Energies UK, Asset Stewardship Taskforce, North Sea Transition Authority and Net Zero Technology Centre.

Exhibitors	
Accord ESL	Combustion efficiency and flare emissions reduction
Actuation Lab	Fully sealed valves
Asset 55 / Score	Emissions management software plus leak detection and quantification tool
Baker Hughes	Emissions abatement solutions
IMRANDD	Digital asset management & inspection analytics
Oxford Flow	Stemless valves
Plansea	AI and digital technology to optimise offshore marine logistics
Sib	Range of digital tools for optimisation and management
Transvac	Flare gas recovery & vapour recovery using ejector technologies
Verlume	Subsea batteries and energy management system
Wood	Process optimisation software
Xodus	Asset integrity & emissions software

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The North Sea Transition Forum

www.nstauthority.co.uk/about-us/north-sea-transition-forum-and-task-forces/

Attended by ministers and officials from both the UK and Scottish governments, trade unions, regulators and senior representatives from the upstream oil and gas industry.

- Provide Strategic direction, oversight and support of the offshore oil and gas industry.
- Drive alignment, accountability, action and delivery on key priorities including net zero.

North Sea Transition Steering Group

www.nstauthority.co.uk/about-us/north-sea-transition-forum-and-task-forces/north-sea-transition-steering-group/

Co-chaired by the NSTA and industry.

- Oversight of the Task Forces and provides assurance on the delivery of their activities.
- Discuss and review key strategic issues facing the industry.

Task Forces

- Asset Stewardship Task Force
- CO₂ Transportation and Storage Task Force
- Decommissioning and Repurposing Taskforce
- Subsurface Task Force
- Supply Chain and Exports Task Force
- **Technology Leadership Board**
- Wells Task Force



Technology Leadership Board

www.the-tlb.com

Includes oil & gas and renewables operators, suppliers, technology & research organisations and government.

- Focal point for oil & gas technology, providing strategic direction and clear demand-led priorities
- Drives the development and deployment of new and existing technology

Industry Sponsor Programme

www.the-tlb.com/sponsored-projects

Aims to deliver bulk field trials of technologies at low cost and lower risk to raise the pace of deployments.

- Non-intrusive Inspection Field Trial Accelerator – NIIFTA
- Alternative Plug & Abandonment Barriers
- Through Tubing Evaluation and Verification for Rigless P&A Trials

Workstreams

www.the-tlb.com/workstreams

- Accelerate Deployment
- Digital & Data
- North Sea Transition



North Sea Transition workstream topics

- Floating Offshore Wind
- Carbon Capture and Storage
- **Emission Reduction**
 - Emission Reduction Technology Roadmap
 - Emission Reduction Technology Showcase



Dushyant Sharma
of bp,
NST workstream
Lead