



Technology Leadership Board

Barriers to Digital Implementation

12th June 13:00 – 16:00

P&J live Meeting Room 4



Welcome

13:00



Framing the Challenge

Theory & Operator Perspective

13:10 – 14:10



Round Table Scene Setting

- Julie Roberts, Scottish Enterprise

14:10 – 14:20

Coffee



Round Table Sessions

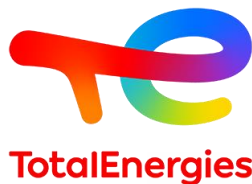
14:30 – 15:30



Feedback and Wrap up

Table feedback (5min each)
Wrap up & next steps

15:30 – 16:00



TLB Barriers to digital implementation workshop
Companies attending - 12th June 2024



Attendees

Company	Title	Name
Aker	VP UK Operations	Mark Piggott
Applus	Business Development Director	Saad Al Awadat
Baker Hughes	Digital Product Manager	Luis Pinero
BP	Strategy Implementation lead	Dushyant Sharma
Bridge Petroleum	Asset Manager and Principal PE	Zach Ruslan
BV	Director - Exploration & Production, Energy Global Business Line	Dawn Robertson
Convergio	Director	Julian Coyne
EIC	Director Of Market Intelligence	Neil Golding
Energy Transition Zone	Energy Director	David Wilson
Eserv	BD Manager	Anita Avgucevica
Harbour Energy	Project Controls Manager	Brian Smith
McDermott	Director, Commercial, Offshore Middle East	Gareth Gregory
MLS Consulting	Consultant	Miguel Singh
NSTA	Delegate : Technology Leadership Board, Co-Chair	Carlo Procaccini
NZTC	Round Table host : Head of Digital Technology	Graeme Booth
NZTC	Early Careers	Waqas Zia
NZTC		Sophia Akuffo
OEUK	Round Table host :Head of Data and Digital Offshore Energies	Dan Brown
OEUK	Business Adviser in the Supply Chain & People team	Afsana Begum
Open Data Institute	Senior Consultant	Ed Evans
Scottish Enterprise	Speaker : Specialist, Digital Economy	Julie Roberts
Shell	Channel Optimizer in Trading & Supply dept.	Dwikana Fitra
Spirit Energy	Technical Services & HSES Director	Scott McGinigal
Taqa	Digital Success Manager	Alison Milne
Total Energies	Digital & Data Manager	Laura Aldren
TotalEnergies	Director of Data & Digital - UK	Paul Sexton
TotalEnergies	Speaker : Technical Data Management Leader	Phil Mason
University of Bath	Director MSI:Centre for People-Led Digitalisation	Linda Newnes
University of Bath	Roundtable Host	Susan Lattanzio
University of Bath	Roundtable Host	Aida Lazaro
Wood PLC	Senior Director, Digital Transformation	Scott Ogilvie
Worley	Graduate Integrity Engineer	Beth Morland
Worley	Asset Integrity Lead	Neil Allen

The Theory

Hear from
Professor **Linda Newnes** from Bath
University Centre for People-Led
Digitalisation

Operator Perspective

Hear from
Technical Data Management Lead
Phil Mason & Laura Aldren from
TotalEnergies
and
bp Strategy implementation lead **Dushyant
Sharma**

1

Building a more digital supply chain; commercial and contracts



Post-it notes and pens,
3x5mins sessions

- what is missing in current business cases that relate to digital tech?
- what information would you want to have provided to help you better understand the proposal?
- how to increase success rate when deploying digital technology to the business?

2

Business Cases for Digital Transformation - a rethink



Flip chart

Share an example in your business where

- you've had success in realising digital value through contracts and the supply chain
- a challenge that must be addressed for this to happen.

3

Prioritisation, Skills Challenges and Opportunities



Activity 1: Post it and pens, max 3 ideas per person

- Why is your organisation digitalising?

Activity 2: Padlet session

- 18 barriers identified and you need to rank them for the energy sector.

Activity 3: Flipchart capture

- Top digital skills challenges.
- What have / could you do to address this challenge?

Working Session 1: Building a more digital supply chain; commercial and contracts



Host : Dan Brown, Head of Data and Digital Offshore Energies

Digital brings time and costs efficiencies for all those involved in the energy industry, and can enable transformational value creation. But capturing this value in contracts can be hard. The legal team's job is to ensure the contract manages cost, scope, and risk for the company and the contractor. How do you engage in the supply chain to ensure risk in a more digital delivery model is fairly apportioned, the value from cost and time efficiencies is appropriately shared, and at the end of the day, the contract delivers for the customer?

For this working session, please come ready to speak about one example in your business where you've had success in realising digital value through contracts and the supply chain; and / or one challenge that must be addressed for this to happen.



Working Session 2: Business Cases for Digital Transformation - a rethink



Host : Graeme Booth, Head of Digital Technology NZTC

When successful, digital transformation and digitally enabled project proposals can revolutionise a business. Industry continues to talk of digital transformation and the significant benefits, but often only companies with a digital focus in the executive team will leverage the benefits. How can we reframe business cases that rely on digital technology to be 1) better understood by the non-digital decision makers and 2) increase the success rate of those business cases that are selected to progress?

For this session, please come ready with your frustrations and potential solutions - these questions will require a post-it note response so if you can come armed with information to write onto post-it notes that would be ideal.

- what is missing in current business cases that relate to digital tech?
- what information would you want to have provided to help you better understand the proposal?
- how to increase success rate when deploying digital technology to the business?

Working Session 3: Prioritisation, Skills Challenges and Opportunities



Host : Susan Lattanzio, Aida Lazaro, Centre of People Led Digitization Bath University

We will explore the benefits of digitalisation, identify and rank barriers to its implementation in the energy sector, and discuss specific challenges related to digital skills. Through interactive activities and collaborative discussions, we aim to identify key themes, barriers, and actionable steps to address these challenges.

Activity 1: ICEBREAKER: Claims that there are multiple benefits to digitalisation.

- Does anyone work in an organisation which is not becoming more digital?
- Why is your organisation digitalising?

Brainstorm on cards - Max three per person.

Captured for feedback session: Transfer to word document. Word cloud? Identify themes.

Activity 2: What are the barriers to digitalisation?

- 18 barriers identified in a paper.
- Rank them to see which are the perceived to be the biggest barriers for the energy sector.

Link to padlet – get them to rank them. We will have a manual version in case of issues on the day.

Captured for feedback session: Top three/five barriers

Activity 3: What specific challenges do you have around digital skills?

- Identify the top challenge.
- What have / could you do to address this challenge?

Capture this on a flipchart.

Captured for feedback session: Top challenges - 1 per group. Actions that energy sector could take to help address this barrier (enablers).

