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SPE Summit: AI – The Next Evolution of DDAA

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Breaking the AI Adoption Deadlock.

How Tide Breaker Turns Stakeholders Into Co-creators

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AI is everywhere, except where it’s hardest.

Not because AI isn’t ready. But because we have built an environment of separation.



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The separation problem.

It’s not about the technology itself…

- Data Disconnect
- Validation Maze
- Integration Anxiety
- Operational Fit
- Model Isolation

…but artificial separations that block collaboration and scaling.

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Why the traditional approach fails.

Traditional Approach

Build > Demonstrate > Deploy

The outcome is pilots that don’t scale.

Creates gaps:

- Trust
- Reality
- Adoption

It produces demonstrations, not shared intelligence.

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How about flipping the sequence.

Tide Breaker Approach

Participate > Validate > Integrate

This is the foundation of a shared Blue Digital Ecosystem.

Creates opportunities:

- Trust
- Reality
- Adoption

Collaboration turns AI from isolated pilots into shared capability.

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Customer driven collaboration.

Bringing operators and innovators together to collaborate on real data, real models, and real operational challenges with:

- Shared Direction
- Collaborative Model Development
- Larger, More Representative Data
- Continuous Learning

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How Tide Breaker works.

1

Co-define.

Operators share real challenges with operational context.

2

Co-create.

Participants build with real data and SME guidance across a depth of data sets.

3

Co-validate.

Test in sandboxed field environment.

4

Co-deploy.

Integrate directly into operational workflows.

Delivering value for all stakeholders:
Start-ups. Operators. Industry.

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Five operator designed themes across the integrity cycle.

01 Intelligent Risk.

Quantified risk intelligence across asset portfolios.

02 Predictive Integrity.

AI forecasting condition-based inspection strategies.

03 Learning System.

Compounding portfolio-wide intelligence.

04 Digital Engineer.

Automating low-value engineering tasks that consume expert capacity.

05 Autonomous Eyes.

Deep learning applied to inspection footage. Anomaly detection at scale.

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Early insights from the programme.

6 Operators engaged | **2** Start-ups in current cohort | **3** months to deployment

Participant A.

- Physics-based AI structural fatigue analysis
- Structural twin for subsea assets
- Reduction of repeat engineering effort and time to decision

Participant B.

- AI integrity and risk intelligence
- Digital Engineer support as AI Engineering workspace
- Optimising compliance and reporting against standards

Cohort 2 will be opening in Q4 2026

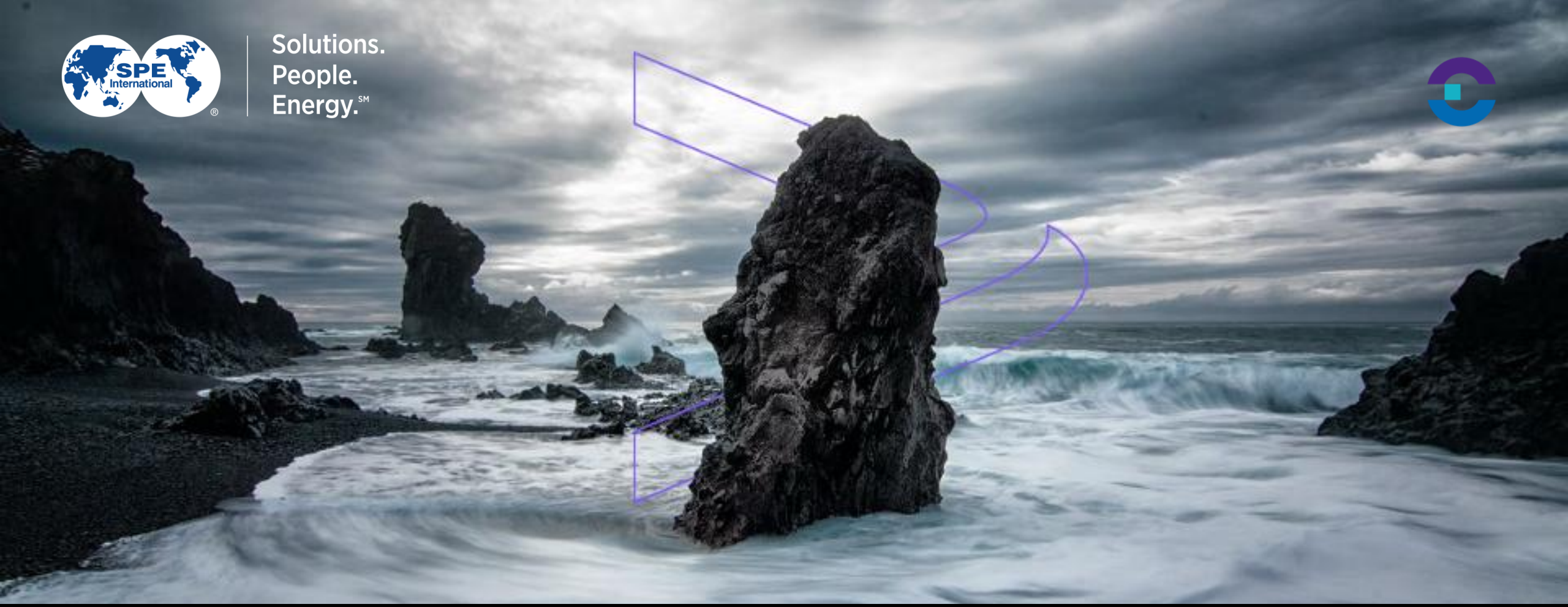
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Value from day one.
Compounding over time.

Flip the model...

- Live digital ecosystem
- Expert technical support
- Governed pathway to commercialisation

... stakeholders become co-creators.



TIDE BREAKER

POWERED BY elementz

BACKED BY compass

GUIDED BY THE DATA LAB

ENDORSED BY OEUK

SUPPORTED BY ONE OPPORTUNITY NORTH EAST Digital Tech