How a digital platform approach can help late life asset management & decommissioning?

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Risks & Opportunities for the North Sea



- = Cost Certainty & Reduction: benchmarking; standardisation; sharing good practice; common work-breakdown structures
- = Enhanced Delivery Capability: contracting & behavioural strategies; changing behaviours
- Efficient Well Abandonment: campaign approach; asset stewardship

Meaningful real time intelligence – quick & simple

Connect to different data sources, index and configure data-driven apps



Data-driven apps

- Purpose built for specific activities
- For example, an app to correlate design-basis and as-maintained views of the plant

Intelligent index with ontology discovery with live links back to the data source

Data extracted from multiple sources, transformed and indexed on the platform

Define, Plan, Execute and Monitor Program with one single version of the truth





Create a single, living data model of your assets





Create a book of knowledge to collaborate on





Business Value confirmation



PLM as a realistic path to major improvement for decommissioning

Improve control and costs of decommissioning, and conformance to planned scenarios.

Make it easier to build optimized scenarios and check conformity to requirements (regulatory, safety, waste...)

Make it quicker for each team to access required coherent, up-to-date informations Capitalize know-how and methods for future projects

Allow seamless end-to-end processes across extended enterprise from study to operations

Improve collaborative work through a shared vision of reference information and modification workflows

Help build a more reliable knowledge base & reduce uncertainty about physical and radiological inventories



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Industry Digital Platform Approach – why not?

Streamline collaboration and engineering services



Boo



