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Unlocking Value with AI.

Transforming Late-Life Operations and Decommissioning Cost Performance

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Why AI is transformative in Late Life & Decommissioning?



Data is rich but disparate



No time



Cashflow is king



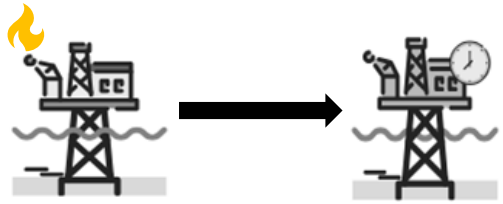
Knowledge diminishes



$40b+

Stage 1 – Late-Life Asset Management

AI driven maintenance optimisation



01 Late Life OPEX Levers

People	**35%**
Running Costs	27%
Maintenance & Integrity	**23%**
Projects	9%
Environment	6%

02 AI-enabled optimisation

- Enriched Failure Mode Analysis
- Equipment reliability modelling
- Benchmarking
- Value-based assessment
- **SME assured**

mAI.

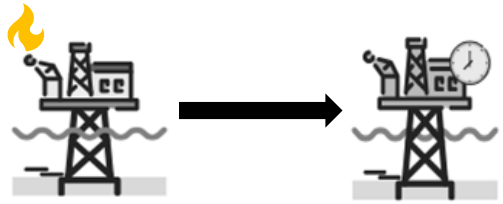
03 Value Realised

- **>100,000 hrs**
  Annualised Fixed – 9 Sites
- **>81,500 hrs**
  Annualised Fixed – 7 Sites
- **46,000 Hrs**
  Annualised Fixed – 5 Sites
- **24% Reduction**
  Annualised Floating – 1 Site
- **40% Reduction**
  Annualised Post-CoP – 1 site

80% quicker to deliver

Stage 2 – Late-Life Asset Management

AI optimisation across asset activities



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02 AI point solutions

- Safety Performance
- Process Safety Assurance
- Spares & Inventory
- Integrity
- Reliability & Availability Gains
- Turnarounds
- **SME assured**

perf optics · sAI · mAI. · spAI

03 Value Realised

£300k
Time released from observation review

90%
Reduction in Time SECE Perf Standards

£12.5m
Savings in Inventory – 9 Sites

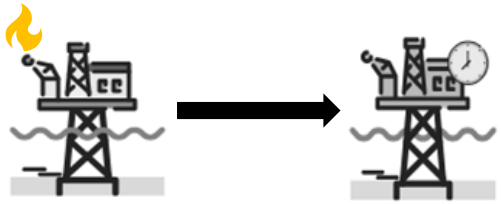
24%
Inspection programme reduction

£4.7 million
Revenue gain by shorter Turnarounds

Point in time analysis

Stage 3 – Late-Life Asset Management

AI embedded in asset operations



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02 AI embedded delivery

- AI Reasoning Engine
- Asset business plan assurance
- Cashflow focus (Revenue & Cost)
- Human in the Loop

SME assured

03 Value Realised

£120m
Value over LLAM/Decom Window – 1 Asset

35%
Reduction in equivalent FY OPEX

6 Years
Life Extension opportunity

$ $ $

Continuous

What does this mean for us

Purposeful Adoption. Enduring Value.



Improved cash flow

Using late life tactics to continuously improve production efficiency, we leverage AI insights to improve net cashflow across remaining asset life, while its activity is reducing.

A blueprint for value

Our AI-enabled asset delivery model combines technology, specialist expertise and 50+ years of basin experience to reduce asset retirement obligations and maximise value.

A Late Life & Decom innovation engine

We are now applying these techniques to programme delivery, engineering execution, schedule surveillance and delivery risk mitigation.

Foundations for energy future

Embedding the ways of working, applying the skills and attracting the right talent that will meet both today’s energy needs and tomorrow's low carbon energy system.


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