



Asset Manager

We spend more
time than we
should maintaining
our assets

Digital solutions to optimise offshore maintenance

Client : A global energy company

Challenge

A global energy company wanted to improve accuracy and efficiency in the scheduling and execution of critical plant maintenance activities on their offshore platforms. They also wanted to get clarity and visibility of core maintenance KPIs and week-on-week maintenance performance with opportunities for improving data accuracy.

Solution

- Worked collaboratively with the offshore and onshore teams to design, build, and deploy a digital scheduler tool that digitizes the planning of maintenance, tracking of execution and reporting on KPIs such as compliance and root cause for delays or incomplete work orders
- Moving away from manual data extraction and manipulation into excel, Blend designed and built data pipelines to automate the flow of planned maintenance data into the digital scheduler tool
- Blend joined the existing in-house Data and Digital function, working across key initiatives including performance monitoring and leak detection in gas pipelines; asset integrity dashboards; and hydrocarbon accounting reporting

Impact

- ✓ Offshore maintenance operations **review time reduced**, with near real time performance visibility
- ✓ Client gains insights for future maintenance planning with **improved performance tracking** and historic data analysis
- ✓ Enhanced **data accuracy**, governance and auditability by removing reliance on excel spreadsheets



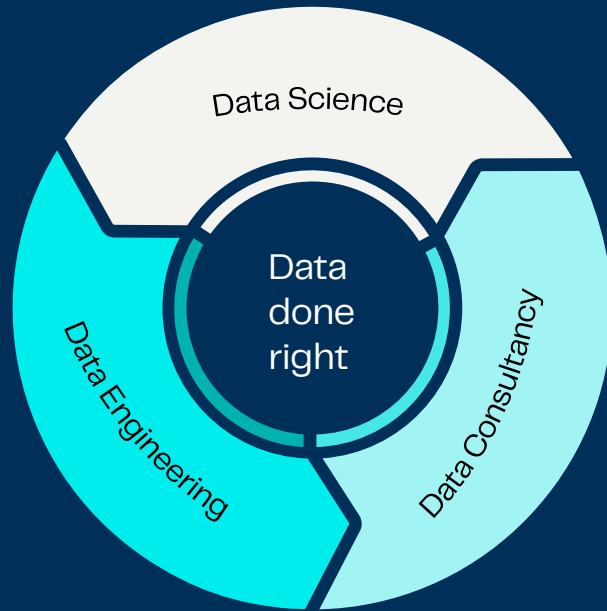
WE BUILD DATA SOLUTIONS

Blend believes that data and AI are critical for building a smarter, cleaner energy future, by driving efficiencies and enhancing decision-making.

Blend are award-winning data scientists, data engineers, BI consultants and strategists who **help build agile, digital organisations** that are fit for a modern energy landscape.



Our data solutions combine world-class capabilities



Data Science

Optimisation

Predictive modelling

Natural Language Processing

Computer vision

Generative AI

Insights & Analytics

BI & Reporting

Data entry tools

Data Engineering

Architecture design

Use case delivery

Pipeline build

Architecture deployment

Platform build & support

Machine learning ops

Data Consultancy

Strategic Advisory & CDO

Data strategy

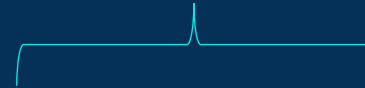
Data maturity assessment

We integrate cross-industry insights to implement specialised, best-practice solutions for the energy industry.

Experience delivering directly with energy clients

+

Experience delivering best-in-class solutions for data mature industries



TotalEnergies



mastercard.



grammarly



Why Blend



Expertise without excess

Unlike large consulting firms, we provide no surprises delivery without the premium price tag or unnecessary overhead.



Best of world

We combine access to global talent and technology, with the flexibility of a boutique consultancy.



Bridging theory and practice

We deliver commercially viable, implementation-ready models that deliver business results, not academic theory.



Vendor-agnostic approach

Our independence allows us to recommend and implement the most suitable tools for your specific challenges, avoiding vendor lock-in.



External perspectives with internal integration

Our cross-industry experience brings fresh insights and best practices, while avoiding internal biases and ensuring seamless integration with your existing processes.



Customised solutions, not off-the-shelf constraints

We adapt our solutions to your business, not the other way around, ensuring you get 100% of what you need, not just 80%.

Thank ™ you

Niall Rowantree

VICE PRESIDENT OF ENERGY



[niall-rowantree/](https://www.linkedin.com/in/niall-rowantree/)