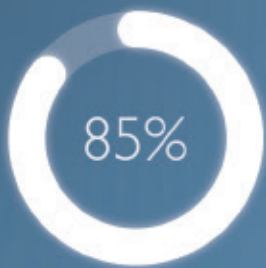# Transforming Waste into Opportunity

EES Data Solutions

85%

60%

Could your data make your business more efficient?

Data helps to make complex engineering decisions, with improved outcomes to minimise waste.

As technology advances, the quantity of data available continues to grow. More data offers greater understanding, and therefore even better results. However, analysing large amounts of data to unlock its full potential to drive business decisions can be overwhelming.

Going beyond traditional means of data analysis by applying advanced technologies, we help you to convert your data into improved, actionable outcomes. Your organisation is unique – our tailored services will provide the exact solution you need, providing an end-to-end assessment and service implementation.

By combining engineering expertise with data analytics, you can prioritise and drive engineering change. Our bespoke services have saved our customers £millions.

Maximise Resources

Improve Efficiency

Increase Profit

Improve Sustainability

Improve Customer Satisfaction

Transforming Waste into Opportunity

Using your data effectively can help you to operate more efficiently by reducing waste.

By working with you to understand where you are on your data journey and define relevant KPIs – service, maintenance, labour, customer satisfaction, we use data to discover the right technical solution for you. We then develop and deliver against a prioritised plan to get to your desired outcomes.

Ultimately, our solution blends engineering expertise and data science with an applied system engineering approach, to improve efficiency, minimise waste and resolve your complex problems.

Technology Working for You
Not Against You

Organisations collect vast amounts of data, but that data can work either for you or against you, depending on how it's used.

Effective data observations and measures prevents a number of key issues, including increased waste of resources. That increased waste can also hamper progress towards net-zero targets, potentially resulting in significant fines.

EES Data Solutions gets your data working for you, using it to proactively:

- Minimise waste
- Maximise use of resources
- Reduce negative environmental impact
- Decrease costs
- Improve overall customer satisfaction.

Our Approach

Step One
Taking the time to understand and define your problem.

Step Two
Define the technology solution for you.

Step Three
Agree on a prioritised plan.

Step Four
Implement the plan.

Our Services

Data Engineering/Re-engineering

Working with you to develop your infrastructure and IT systems to enable effective use of data to drive improvements and savings. Using engineering, and IT expertise to assess current capabilities against desired state (improved design, optimised delivery of service and equipment to achieve the desired system capability).

Output A fully data enabled system and infrastructure.

Data Transformation

Forensic analysis of data that brings about a deep understanding of cause and effect, producing intelligence to support proactive and effective improvements.

Output IT solution (software model based on engineering know-how) and insights that enables data analysts to act with predictive and prognostic capabilities

Data Visualisation

Providing a software visualisation tool, which presents data in a usable format specific to each user, by either adapting an existing or creating a bespoke solution.

Output A bespoke or an integrated software visualisation tool.

Prescriptive Solution

An adaptive system that is designed to constantly learn and provide automated call to action responses based on an understanding of cause and effect trends and actions taken.

Output A bespoke engineering-driven decision making software tool.

What Does That Mean for Your Business?

Service

- Improved service reliability.
- Reduced down times.
- Reduced cost of service and fines.
- Improved sustainability (Net-Zero & waste reduction).

Labour

- Improved productivity.
- Reduced work orders.
- Improved response times.
- Improved scheduling.

Maintenance

- Reduced equipment down times.
- Planned and structured maintenance based on predictive and prescriptive AI/Digital Twin.
- Improved repair times.
- Reduced backlogs.

Customer Satisfaction

- Reduced service interruptions.
- Improved quality.

For more information about **EES Data Solutions** and how we can help you transform waste into opportunity, get in touch:

Call: 01827 214717   **Email:** contact@ees-solutions.co.uk   **Web:** www.ees-solutions.co.uk