



An emissions reduction solution that delivers immediate impact

The new X-PAS™ Emissions service is targeting a **10-15% reduction in annual CO₂ tonnage**

A **10%** saving across the UKCS would equate to **1,460,000t/yr** which is the equivalent of

 taking **280,000** cars off the road
 or planting **24 million** trees

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Oil and gas operating companies are evaluating a number of options to achieve a successful transition to Net Zero. However, many of these are medium to long term solutions and our industry also needs solutions that make an impact now.

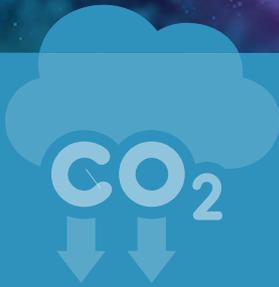
OPEX Group has a track record of helping to reduce CO₂ emissions by removing system trips and reducing flaring as part of our existing services.

Our newly launched X-PAS™ Emissions service builds on our existing capabilities with a specific focus on reducing energy consumption, environmental impact and direct emission intensity from offshore assets.

X-PAS™
Emissions



Digitally Enabling
Oil & Gas Operations



Through a single insight, and a series of interventions, an OPEX customer achieved a 6% power saving across their asset resulting in savings of:

>3,000 tonnes of CO₂

>£60,000 EU ETS costs

>£100,000 additional gas export revenue



What are my emissions?

What is my lowest achievable emissions intensity right now?

What actions should we take?

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Insight-fuelled daily actions to reduce emissions

X-PAS™ Emissions is a new emissions reduction service that reveals the dynamic energy use and emission intensity of assets in a visual way that is easy to comprehend by everyone, not just engineers.

Powered by OPEX's predictive technology, X-PAS™ Emissions goes beyond traditional business information dashboards and power calculations.

Take the right action at the right time

In addition to clearly presenting the current emissions profile of your asset, the service draws on AI, simulation and data science technologies to dynamically calculate the lowest achievable emissions intensity for a given production target. This is based on operational data, plant configurations, installed capacity, current performance and operating modes.

Contextualised insights are presented dynamically to aid decision-making and drive operational actions that improve energy management and reduce emissions.

How does it add value?

X-PAS™ Emissions allows you to:

- continuously identify opportunities to reduce CO₂ emissions (Scope 1)
- know what can be achieved and the actions to take
- deliver ROI against the costs of EU ETS, additional gas export revenues/fuel import costs
- optimise and minimise flaring and venting
- drive cultural change and awareness
- demonstrate the application of Best Available Technique (BAT)
- form an underpinning element of ISO 50001 compliance and asset stewardship.

Getting started

The X-PAS™ Emissions service unlocks the potential of existing data and can be operational across an entire asset/site within 4 weeks.

** For existing customers X-PAS™ Emissions can be seamlessly integrated with your current service. If you already have calculations or dashboards these can also be incorporated making the solution more cost effective.*

For more information or to arrange a demonstration please contact:

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X-PAS™
Emissions