

WE ARE XODUS.

WWW.XODUSGROUP.COM

BURNING MONEY?

Integrated Thinking = Overall emissions savings of > 20%

2030. Your licence to operate.

EMISSIONS PATHWAY

EMISSIONS REDUCTION PATHWAY



POSITIVE MINDSET









Transformation

20% Reduction Overall

Power reductions

Innovation and investment



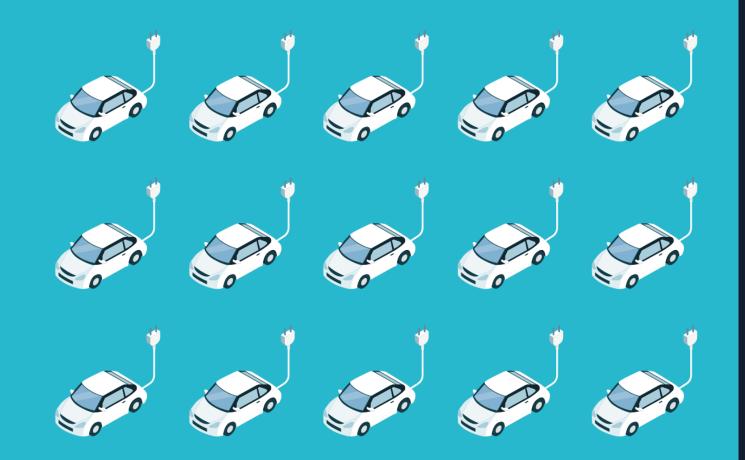
CULTIVATE CULTURE



CULTIVATE CULTURE

Our decisions as employees of the energy industry are huge:

- 2 hours slug catcher
 venting led to 180 tonnes
 of emissions
- 15 hybrid cars driven
 150,000 miles saves 180
 tonnes of emissions



UNDERSTAND YOUR EMISSIONS

Establish a robust emission baseline

- Can be complex
- Costly to get wrong

- FUGITIVE 1%
- REFRIGERANT 0.5%
- LIQUID FUEL 10.3%
- **FLARING 13.8%**
- **VENTING 6.9%**
- **FUEL GAS 67.5%**



WE ARE XODUS



IDENTIFY OPPORTUNITIES

Operational improvements, control optimisation, plant modifications



ENERGY ASSESSMENT

Methodology proven across industries, assets and countries.

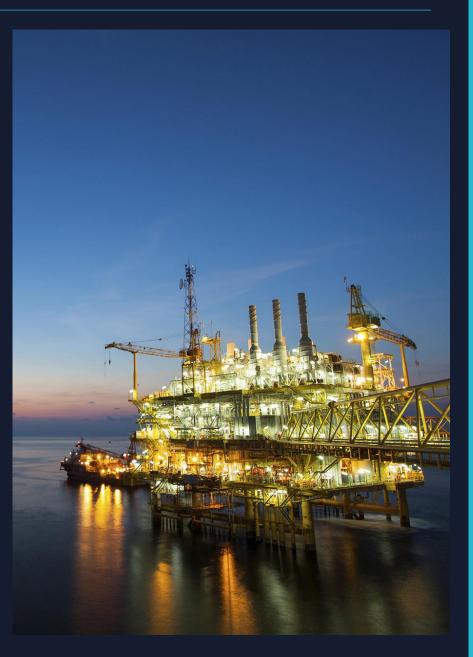
Use knowledge of best practises from over 200 assessments

Causes of energy inefficiency:

- Lack of awareness of energy users
- Energy not being considered during design
- Significant change of process since design

Outcomes:

- Deeper understanding of emissions and power balance
- Site validated opportunities for reduction



ENERGY ASSESSMENT IN ACTION

Seawater FiltrationIt's how you look at it...

CompressionLarge MW saving...



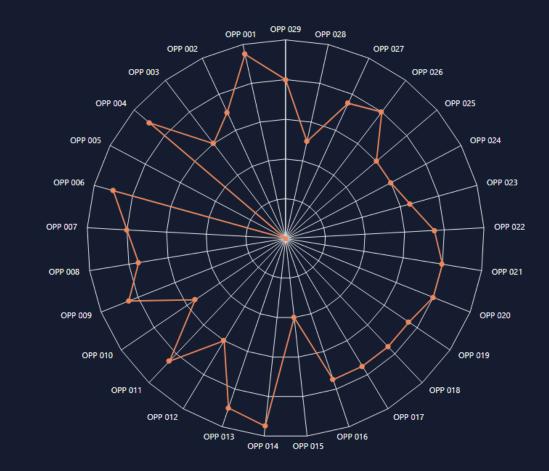
QUANTIFY OPPORTUNITIES

Allows ranking of opportunities on equal basis





Standardises the comparison of emissions reduction opportunities. Ranking Criteria: CAPEX, Emissions Reductions, Lead Time, Feasibility.



EXPLORE RANKINGS

Sort, filter and interrogate automated results in the interactive register

VISUALISE

View and interact with pre-defined visualisations

CREATE

Create specific scenarios and compare emissions reduction options

EMISSIONS PATHWAY



RANK OPPORTUNITIES

Standardises the comparison of emissions reduction opportunities. Rank based upon CAPEX, Emissions Reductions, Lead Time, Feasibility etc.





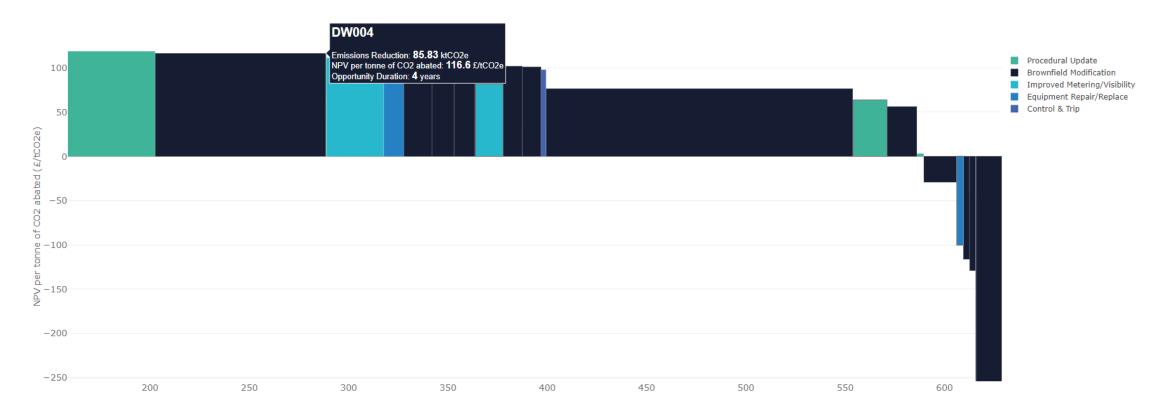
TAKE ACTION

Specify bespoke scenarios

Accurately reflect interactions and conflicts between opportunities



Assess scenarios – Dynamic visualisation

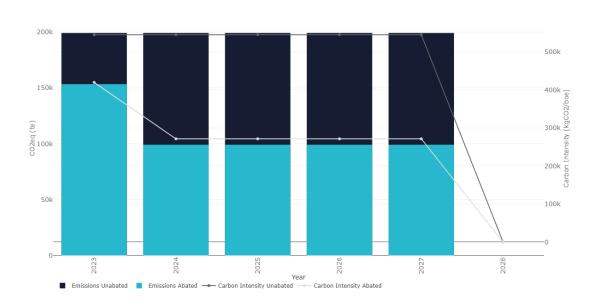


Marginal Abatement Value Curve – Maximum Abatement

MAVC shows each opportunity's value added (NPV) per tonne CO_2 eq abated. Width of column shows emissions reduction, with height showing NPV i.e. wider, higher bars represent highest emissions reduction for highest value.

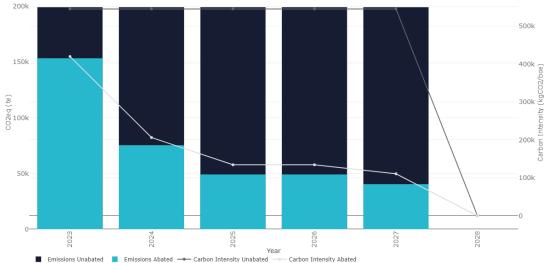
TAKE ACTION

Compare projections – Projection of emissions reduction over life of field to aid decision making



Emissions outlook

Emissions outlook



EMISSIONS PATHWAY

SUMMARY

LIVE. ACCESSIBLE. UPDATED.



CULTIVATE CULTURE & POSITIVE MINDSET



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