

**1.6**  
MILLION TONNES  
CO<sub>2</sub>e

2018

**50%**  
REDUCTION  
IN EMISSIONS

2030

**90%**  
REDUCTION  
IN EMISSIONS

2040

NET ZERO  
BASIN

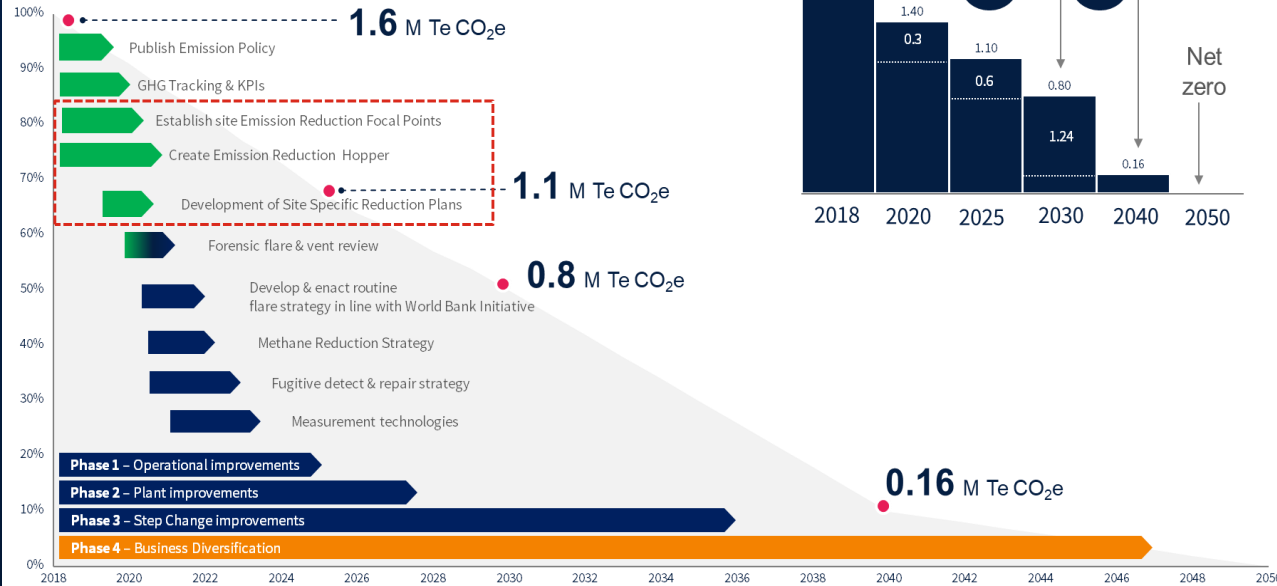
2050



# Our Pathway to Net Zero

Influenced by the OGUK Pathway to Netzero, the Repsol Sinopec Pathway details:

- The steps the Company believes it must take to achieve the Net Zero Goal
- A series of increasingly challenging reduction targets
- The types / phases of emission reduction the Company envisages taking place



Pathway to NetZero eHandbook



Pathway to NetZero Video

# Greenhouse Gas Emissions Management Policy

Leadership commitment to emissions management and 2050 Netzero

The objective is to:

- Operate our business to ensure emissions are managed and reduced in line with 2050 Net Zero emissions goal

## Company Integrated Management System

|  |  |               |                       |
|--|--|---------------|-----------------------|
| Document No  | RSR-HSE-03-POL-GEN-001                         | Criticality   | 5                     |
| Document Title   | GREENHOUSE GAS EMISSIONS MANAGEMENT POLICY     |               |                       |
| Process  | 18 HEALTH, SAFETY AND ENVIRONMENTAL MANAGEMENT |               |                       |
| Sub Process  | 18.03 ENVIRONMENT                              |               |                       |
| Document Type  | POLICY   |               |                       |
| Publication Date                                       | 23.03.2021                                     | Review Period | 12 Months             |
| Revision   |  | Revision Type | 1. Major Change / New |
| Author   |  | Position      | Emissions Manager     |
| Approver (EMT)   |  | Position      | CTO                   |
| Reviewer (Process Owner)                               |  | Position      | Head of HSE           |
| IMS Reviewer   |  | Position      | DCC Lead              |
| Reviewer (Governance Process Lead)                     |  | Position      | Project Manager       |
| Reviewer (Governance Process Owner)                    |  | Position      | CEO                   |
| Authoriser (Member of Executive Committee from Addax)  |  | Signed        |                       |
| Authoriser (Member of Executive Committee from Repsol) |  | Signed        |                       |

# Emissions Focal Points & Emission Abatement Plans

We have 36 Emission focal points who volunteered to support our emission reduction project.

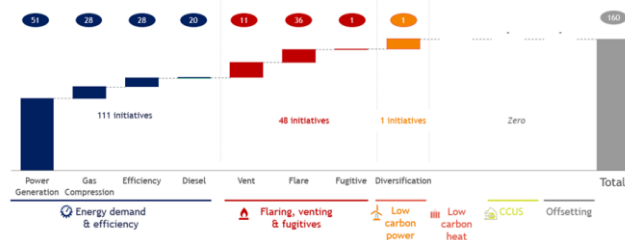
Over a series of workshops the emission focal points generated 160 ideas to reduce CO<sub>2</sub> Emission on our facilities.

Each idea was 'stress tested' against 5 criteria

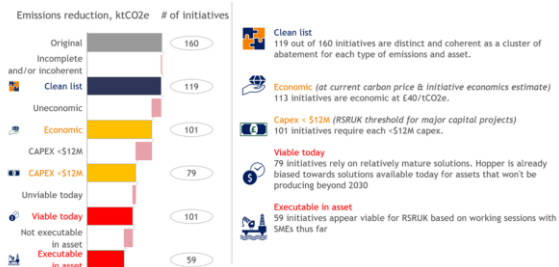
Those that passed have been carried forward into assets specific emissions abatement plans

The emission abatement plans have been communicated to Site Management and Company Leadership

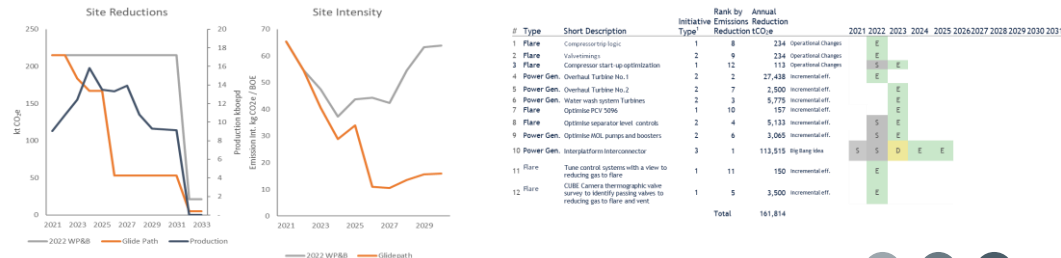
160 initiatives identified, with largest reductions from power gen.



59 out of the 160 initiatives pass the 5 criteria



Asset specific emission abatement plans & abatement curves



# GHG Tracking and KPIs

Granular tracking produced monthly against a suite of 4 relevant KPIs

Performance is supported by an ongoing commentary

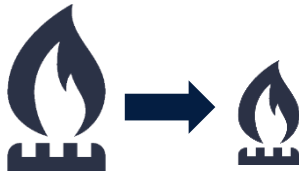
Reviewed by executive team, site managers and personnel

Emissions Performance is now part of our internal conversation!

## CO<sub>2</sub>e & CO<sub>2</sub>e Intensity



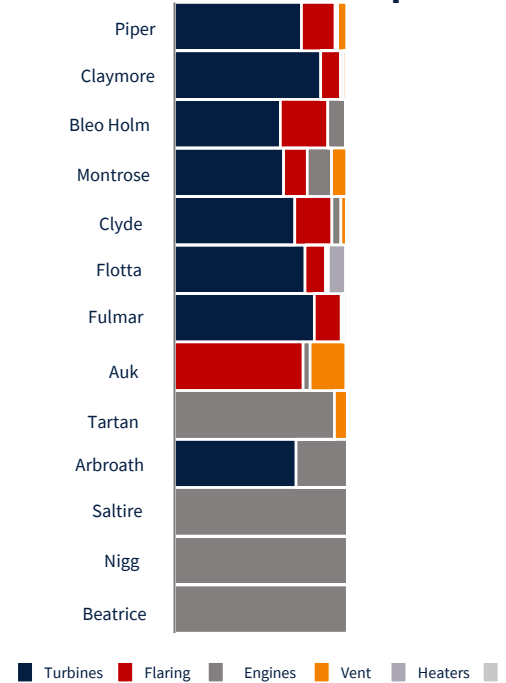
### Gas to Flare



### Methane



## 2021 Emissions Split



# 2025 Target vs Performance

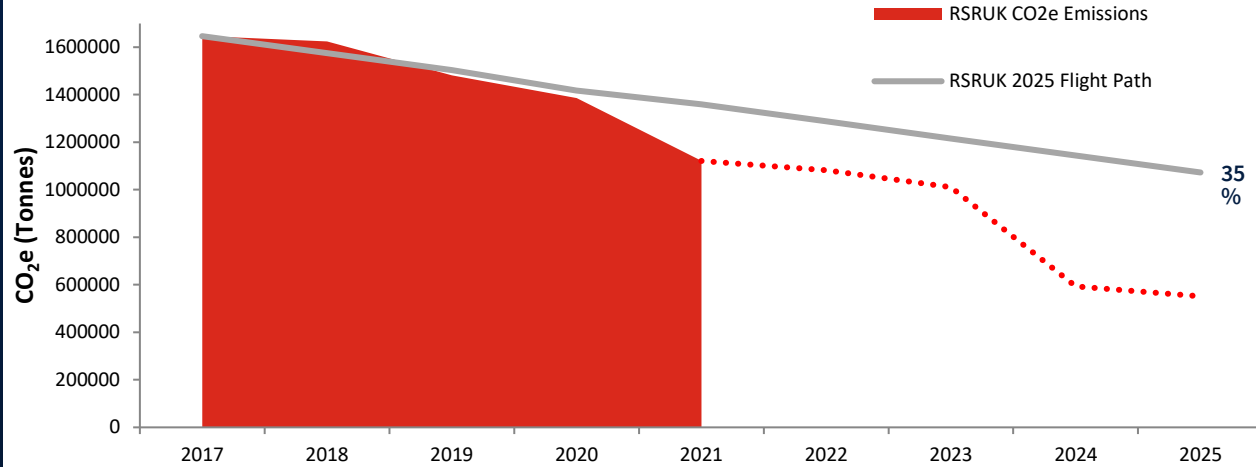
The 2025 target was based on a 35% reduction against a 2017 baseline

CO<sub>2</sub>e performance has remained better than the 2025 flight path, with the exception of 2018

2021 has seen a significant dip, partly due to production, but also due to an increased focus on emissions and flare reduction across several sites

Enactment of the emission abatement plans could reduce CO<sub>2</sub>e by over 60% by 2025.

## CO<sub>2</sub>e performance remains better than our original 2025 flight path



Repsol Sinopec aim to reduce emissions by 31% by the end of 2021 vs 2018 baseline

We have now surpassed OGUK 2025 Target of a 25% reduction



RSRUK have reduced Flare Gas by 57% reduction vs 2018 baseline

# Where Next?

## Hydrogen

- ▶ The Flotta Hydrogen Hub is a proposed industrial scale green hydrogen facility on the island of Flotta in Orkney
- ▶ The hub will utilise an area of the Flotta Terminal to create a facility for the production of green hydrogen powered by offshore wind
- ▶ Power will be provided by the 2 GW West of Orkney Windfarm



## Electrification

- ▶ An opportunity to make step change carbon emissions are offshore sites
- ▶ Significant involvement in both central North Sea electrification schemes
  - ▶ Assets identified for possible inclusion & repurposing
  - ▶ Concept screening study complete
  - ▶ Active involvement with supply chain and vendors

