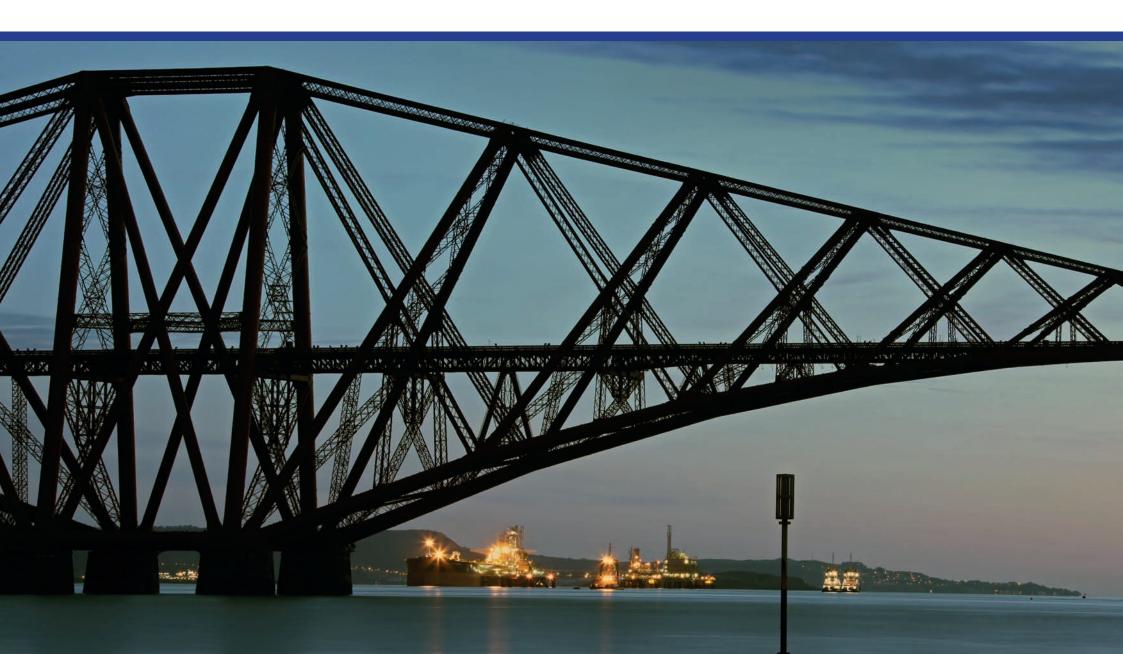


# **INEOS FPS LIMITED**2021 PUBLIC STATEMENT



### **FOREWORD**

INEOS Forties Pipeline System (FPS) is committed to operating our facilities in a safe and responsible manner to prevent pollution and minimise our impact on the environment. We recognise the increasing importance of understanding and minimising the environmental impact of our activity.

We are actively working solutions to meet Net Zero commitments set out by the UK and Scottish Governments. Good progress has already been made and the combined INEOS companies in Grangemouth have already reduced CO2 emissions by 37% since taking ownership in 2005.

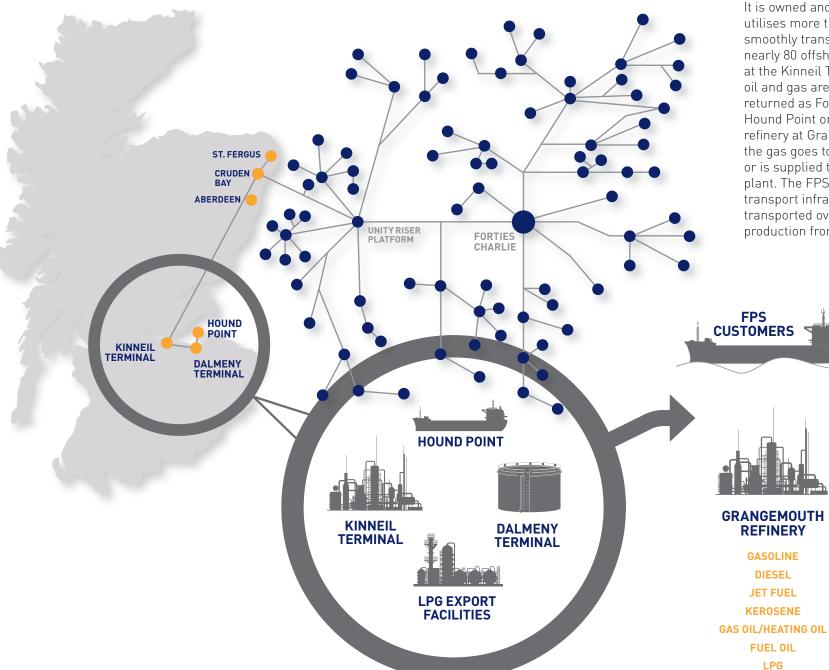
As an INEOS business, FPS is aligned with INEOS' sustainability commitments. To read more about INEOS' commitments to sustainability and our sustainability reports please see: https://www.ineos.com/sustainability/.

This public statement provides a summary of FPS 2021 environmental performance. It also provides information and 2021 performance data specific to Unity platform in relation to 'OSPAR Recommendation 2003/5 to Promote the Use and Implementation of Environmental Management Systems by the Offshore Industry'. As we continue to improve our environmental management system, we will provide environmental performance data specific to other aspects of our operations in future annual public statements.

# CONTENTS

	Page
1. FPS OVERVIEW	3
2. ENVIRONMENTAL PERFORMANCE	4
3. OUR SAFETY, HEALTH AND ENVIRONMENTAL POLICY	5
4. ENVIRONMENTAL MANAGEMENT SYSTEM	6
5. UNITY PLATFORM OVERVIEW	7
6. UNITY WALK TO WORK CAMPAIGN	8
7. THE UNITY PLATFORM 2021 ENVIRONMENTAL PERFORMANCE	9

# 1. FPS OVERVIEW



FPS is an integrated oil and gas transportation and processing system. It is owned and operated by INEOS and utilises more than 500 miles of pipeline to smoothly transport crude oil and gas from nearly 80 offshore fields for processing at the Kinneil Terminal. At Kinneil the oil and gas are separated, with the oil returned as Forties Blend to customers at Hound Point or pumped to the Petroineos refinery at Grangemouth. At the same time the gas goes to our LPG export facilities or is supplied to the INEOS petrochemical plant. The FPS is a critical Central North Sea transport infrastructure system and in 2020 transported over 30% of the UK's total oil production from the UKCS to the mainland.



#### **PETROCHEMICALS**

#### **ETHYLENE**

POLYETHYLENE
SOLVENTS
PVC
ETHYLENE OXIDE

#### **PROPYLENE**

POLYPROPYLENE NITRILES

PHENOL CUMENE

CRUDE C4

BUTADIENE GASOLINE

AROMATICS BENZENE

GASOLINE

# 2. ENVIRONMENTAL PERFORMANCE

Since acquiring FPS in November 2017, INEOS FPS has, and continues, to invest heavily in environmental improvements to deliver ambitious plans for a sustainable future. INEOS FPS previously announced a £500 million investment in infrastructure over a fixed period. More recently, in conjunction with other INEOS Scotland businesses, INEOS FPS announced the invitation to tender for the next stage of the design of a world scale carbon capture enabled hydrogen production plant and major associated infrastructure. A new investment and a key step in our journey towards Net Zero.

#### 2021 ENVIRONMENTAL PERFORMANCE DATA

INEOS FPS 2021 environmental performance data analysis shows a continually reducing trend in emissions to air, land, and water in comparison to 2018 - the first full year data set under INEOS ownership.

We are committed to operating our facilities in a safe and responsible manner to prevent pollution and minimise our impact on the environment and the communities in which we operate.

**FLARING** 

~34% reduction

in Flaring, using 2018 Flaring performance as a baseline.

SCOPE 1 CO2 EMISSIONS

~30% reduction

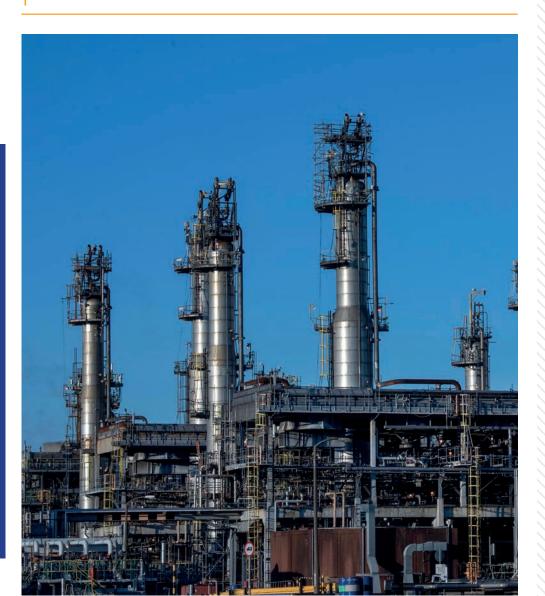
in Carbon emissions, using 2018 Scope 1  $\mathrm{CO}_2$  Emissions performance as a baseline.

EFFLUENT DISCHARGE

~90% reduction

in Hydrocarbons discharged to Forth Estuary, using 2018 Effluent Discharge performance as a baseline.

INEOS FPS has, and continues, to invest heavily in environmental improvements to deliver ambitious plans for a sustainable future.



# 3. OUR SAFETY, HEALTH AND ENVIRONMENTAL POLICY

INEOS FPS environmental policy is embedded within the Safety, Health and Environmental Policy (SHE) below:

#### **OUR COMMITMENTS**

Excellence in Safety, Health and Environmental (SHE) performance is a core value and we believe all incidents are preventable. We will operate our facilities in a safe and responsible manner to prevent pollution and minimise our impact on the environment and the communities in which we operate.

We will meet, or where practicable, exceed all relevant legislative requirements.

We set SHE goals against which we will openly record our results and strive to continually improve.

We require and expect all employees and contractors to contribute positively to delivering our SHE improvement goals, to intervene and stop unsafe acts and rectify unsafe conditions.

Should there ever be a conflict, we will always choose safety over operational results.

In pursuit of these commitments we will foster a working environment based on:

- A culture where SHE excellence is an embedded part of our everyday activities
- Work practices grounded in the systematic identification, assessment and management of risk
- Clear practices and procedures documented within our management system
- Ensuring that everyone is suitably competent to carry out their work
- Thorough investigation of all incidents to identify root causes, capture learnings and implement measures to prevent recurrence.

#### **OUR EXPECTATIONS**

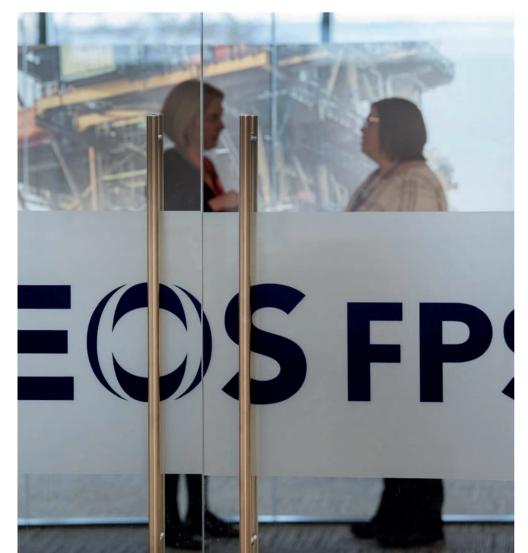
Everyone must play their part in delivering SHE excellence and we expect you to:

- Understand and comply with site rules, Life-Saving Rules (LSR), 20 Safety Principles and procedures applicable to your job
- Take accountability for your own safety and those around you by stopping unsafe acts and rectifying unsafe conditions
- Lead by example and demonstrate positive safety leadership in all that you do.

  If in any doubt, we'll always support you to stop and seek advice.

Our environmental policy goals are:

- Preventing pollution and minimising our impact on the environment and the communities in which we operate, and
- Meeting or, where practicable, exceeding all relevant environmental legislative requirements.





# 4. ENVIRONMENTAL MANAGEMENT SYSTEM

INEOS FPS maintains an Environmental Management System (EMS) that is embedded within the integrated FPS Management System. An 'Environment Sub-element' owner maintains the EMS which includes an Environmental Management Practice (EMP). There are a suite of supporting procedures which define the environmental legislative and additional business requirements.

Through our EMP we are committed to:

- Determination of our emissions to air, land and water and our use of resources, monitoring any local impacts of our emissions.
- Identification, assessment and implementation of solutions to minimise the impact of our emissions and our use of resources to meet our 'Net Zero' obligations and sustainability goals.

Therefore we will-

- Meet relevant environmental legislative requirements, including environmental permits and authorisations required as part of our license to operate.
- Identify and manage the environmental performance of our operations including: greenhouse gas emissions and energy management, waste management, water management, air quality, biodiversity and protected areas.
- Work closely with our supply chain to minimise indirect environmental impacts associated with our operations.
- Continuously improve our EMS to reduce emissions to air, land and water and minimise our use of resources, monitoring any local impacts of our emissions.

Environmental objectives, targets and improvement programmes are defined and managed through the annual SHE planning process which includes a specific annual improvement plan. Discussion and review of environmental performance occurs daily, weekly and monthly through a cascade of operational and management meetings. The environmental management review is incorporated into the annual integrated management review.

INEOS FPS maintains an Environmental Management System (EMS) that is embedded within the integrated FPS Management System.

# 5. UNITY PLATFORM OVERVIEW

INEOS FPS operates the Unity Platform which is located in Block 21/9d of the United Kingdom Continental Shelf under licence P2333 in the North Sea in 122 metres of water. The platform is a 'Not Permanently Attended Installation' (NPAI) and is operated remotely from the on-shore control centre at the Kinneil Terminal in Grangemouth. Maintenance teams visit the platform regularly by helicopter and more intensive maintenance programs are conducted periodically using a 'Walk to Work' (WTW) vessel.

Unity is a gathering hub with pig reception facilities. It receives crude oil and gas via six incoming pipelines connected to other offshore installations operated by other companies. The streams are combined into a 36" subsea pipeline (the 'FPS Sealine') to the onshore Cruden Bay Terminal north of Aberdeen.

From there, hydrocarbons are transported via a 36" underground pipeline (the 'FPS Landline') to the Kinneil Terminal.

There are no significant environmental aspects and impacts associated with the operation of the Unity Platform and hence there are no specific environmental objectives and targets set for the Installation. The objectives and targets that are particularly relevant to Unity Platform are:

- Zero environmental incidents that have an offsite impact
- Zero environmental permit non-compliances.

INEOS FPS operates the Unity Platform which is located in Block 21/9d of the United Kingdom Continental Shelf under licence P2333 in the North Sea in 122 metres of water. The platform is a 'Not Permanently Attended Installation'.



# 6. UNITY WALK-TO-WORK CAMPAIGN

To facilitate the safe and efficient execution of essential safety critical work on the Unity Platform, INEOS FPS successfully completed a combined operations Floatel Walk-to-Work campaign from 28th March to 20th July 2021. The Floatel Victory accommodation vessel supported the campaign, enabling personnel to 'walk-to-walk' via the bridge connection between Unity and the floatel.

During the campaign major project works on the Graben Area Export Line (GAEL) import system on Unity were completed. This included the transfer of new pre-assembled units (PAUs) for the GAEL import system from the Floatel Victory onto Unity. Additionally, the full shutdown of the FPS System during May/June 2021 provided a unique opportunity to perform work on essential Unity safety systems including emergency shutdown valves, emergency power systems, the diesel supply system, and the platform alarm and public address system.

The Floatel Victory accommodation vessel supported the campaign, enabling personnel to 'walk-to-walk' via the bridge connection between Unity and the floatel.



# 7. THE UNITY PLATFORM 2021 ENVIRONMENTAL PERFORMANCE

#### WASTE PRODUCTS GENERATED

The chart below illustrates Unity's waste products generated from 2019 to 2021.

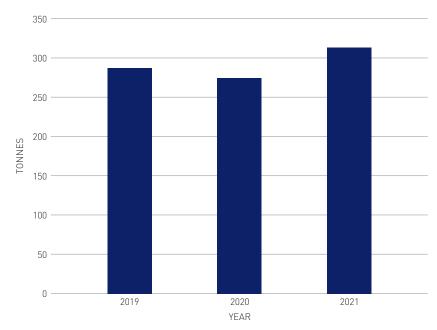
# WASTE DISPOSAL ROUTES 2019 – 2021 60 50 40 20 10 2019 2020 YEAR RECOVERY DISPOSAL TREATMENT

- There are no regulated discharges of oil or produced water to sea from the Unity Platform that require to be reported to the Offshore Petroleum Regulator for Environment and Decommissioning (OPRED), in the Environmental and Emissions Monitoring System (EEMS) database. The Unity Platform has a minor discharge of platform drains to sea via a caisson that is designed to maintain the discharge below the monthly average limit of 40 milligrams of oil per 1 litre of water required under the Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005.
- Unity Platform does not normally use or discharge chemicals regulated under The Offshore Chemicals Regulations 2002. During June 2021, 75 kilograms of Respondol ATF 3/6 fire-fighting foam was used as an inert blanket and discharged from the Unity platform caisson during planned maintenance work. This very minor use and discharge was approved by OPRED in advance of the maintenance work and was reported on activity completion.

#### ATMOSPHERIC EMISSIONS

The chart below illustrates Unity's CO2 emissions from 2019 to 2021. The CO2 results from the combustion of diesel for power generation on the platform.

#### CO2 EQUIVALENT EMISSIONS 2019 - 2021



#### PETROLEUM OPERATIONS NOTICE NO.1 (PON 1)

DISCHARGE TYPE (TO SEA)	TOTAL NUMBER	TOTAL VOLUME (CUBIC METRES)
OIL	0	0
CHEMICAL	0	0