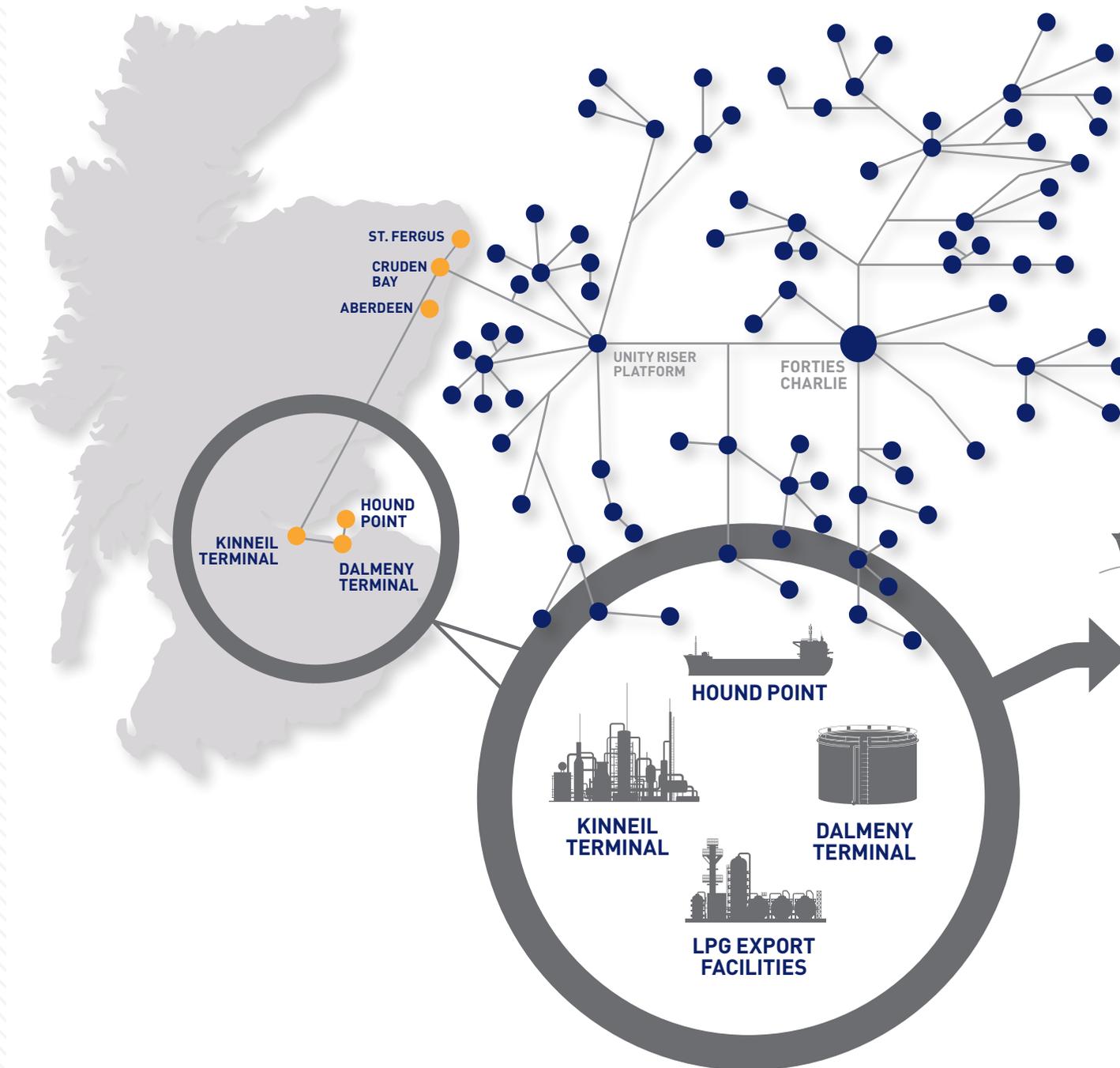


# **INEOS FORTIES PIPELINE SYSTEM (FPS) LTD.**

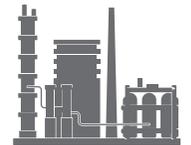
## **PUBLIC STATEMENT, THE UNITY PLATFORM**



# FPS OVERVIEW



The Forties Pipeline System (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 more than 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. FPS transports around 40% of the UK's oil production supply and brings over 400,000 barrels ashore every day.



## PETROCHEMICALS

**ETHYLENE**

- POLYETHYLENE
- SOLVENTS
- PVC
- ETHYLENE OXIDE

**PROPYLENE**

- POLYPROPYLENE
- NITRILES
- PHENOL
- CUMENE



## GRANGEMOUTH REFINERY

- GASOLINE**
- DIESEL**
- JET FUEL**
- KEROSENE**
- GAS OIL/HEATING OIL**
- FUEL OIL**
- LPG**

**CRUDE C4**

- BUTADIENE
- GASOLINE

**AROMATICS**

- BENZENE
- GASOLINE

## UNITY PLATFORM OVERVIEW

INEOS FPS operates the Unity Platform which is located in Block 21/9 of 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, the hydrocarbon is transported via a 36" underground pipeline (the 'FPS Landline') to the Kinneil Terminal.

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## ENVIRONMENTAL MANAGEMENT SYSTEM

INEOS FPS maintains an Environmental Management System (EMS) that is embedded within the integrated FPS Management System. An environment Technical Authority (TA) is appointed to maintain 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.

Environmental objectives, targets and improvement programmes are defined and managed through the annual Safety, Health and Environment (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.



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

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# OUR ENVIRONMENTAL POLICY

INEOS FPS environmental policy is embedded within the Safety, Health and Environmental Policy 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.

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 effect or require a report to the Regulatory Authority
- Zero environmental permit non-compliances.



# THE UNITY PLATFORM 2019 ENVIRONMENTAL PERFORMANCE

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

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

## WASTE PRODUCTS GENERATED

WASTE CATEGORY	REUSE (T)	RECYCLING (T)	WASTE TO ENERGY (T)	INCINERATE (T)	LANDFILL (T)	OTHER (T)	TOTAL (T)
SPECIAL DRUMS/CONTAINERS	0	0.176	0	0	0	0	<b>0.176</b>
OILS	0	0	0.060	0	0	0	<b>0.060</b>
MISCELLANEOUS SPECIAL WASTE	0	0.970	1.300	0.400	7.680	0	<b>10.350</b>
CHEMICALS/PAINTS	0	0	0.815	0.010	0	0	<b>0.825</b>
SPECIAL SLUDGES/LIQUIDS/TANK WASHINGS	0	0	0	0.145	0	0	<b>0.145</b>
SCRAP METAL	0	43.100	0	0	0	0	<b>43.100</b>
SEGREGATED RECYCLABLES	0	4.985	0	0	0.050	0	<b>5.035</b>
GENERAL WASTE	0	2.245	0	0	8.330	0.001	<b>10.576</b>
<b>TOTAL</b>	<b>0</b>	<b>51.476</b>	<b>2.175</b>	<b>0.555</b>	<b>16.060</b>	<b>0.001</b>	<b>70.267</b>

(T) = Tonnes

- There are no regulated discharges of oil or produced water to sea from the Unity Platform that require to be reported to the Department for Business, Energy & Industrial Strategy and Offshore Petroleum Regulator for Environment and Decommissioning (BEIS 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 maintained 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 July 2019 104 litres 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 BEIS OPRED in advance of the maintenance work and was reported on activity completion.
- There are no regulated atmospheric emissions from the Unity Platform that require to be reported to BEIS OPRED in the EEMS database.