

The image is a composite. The left half shows a large industrial refinery with multiple tall distillation columns and a complex network of pipes and scaffolding. In the foreground, there is a vast field of bright yellow rapeseed flowers. The right half of the image is a solid dark blue background. On this blue background, the 'INEOS FPS' logo is positioned in the upper left, and the title 'Environmental Public Statement 2024' is in the lower right. A thin, light blue curved line separates the logo from the title. A small, solid green rectangular block is located at the top right corner of the image.

INEOS
FPS

Environmental Public Statement 2024

Foreword

INEOS publishes a group sustainability report in relation to the legal entity INEOS AG, which is produced voluntarily in accordance with the European Sustainability Reporting Standards (ESRS) and independently assured. Our 2024 group report is [available on our website](#).

As a subsidiary of INEOS AG, INEOS FPS is included within the reporting boundary of the INEOS group sustainability report. INEOS FPS publishes an Annual Public Statement as a requirement of the Environmental Management Systems OSPAR Recommendation 2003/5.

INEOS gathers sustainability data on a group-wide basis and applies uniform accounting and consolidation methods when preparing disclosures in accordance with INEOS' science-based methods and international standards. As such, the disaggregated figures disclosed in relation to INEOS FPS in this report are consistent with the consolidated figures in the assured 2024 INEOS AG report.

While INEOS has a federal governance structure, we have group-wide sustainability policies and targets that have been developed through our cross-business networks and ESG committee and sanctioned by INEOS' owners. INEOS FPS operates in accordance with these group-wide standards, which are detailed in this report.

Group-wide policies include our Code of Conduct, Supplier Code of Conduct, SHEQ (Safety, Health, Environment & Quality) policy, 7 Life-saving Rules, 20 Safety Principles, INEOS Group Guidance Notes and ESG procedures. INEOS' climate targets to reduce operational emissions by 33% by 2030 (compared to 2019) and reach net-zero emissions by 2050 also apply at group level, as do our 2025 and 2030 polymer pledges.

INEOS businesses have their own site roadmaps to contribute to group-wide climate targets and are free to adopt complementary additional sustainability policies and targets.

INEOS FPS have a clear, achievable roadmap to reduce our emissions to net zero by 2045 in line with Scottish Government commitments to the Paris agreement.

INEOS FPS is committed to operating our facilities in a safe and responsible manner to prevent pollution and minimise our impact on the environment.

This is the annual public statement for INEOS FPS for 2024. The statement provides a summary of the environmental performance of our infrastructure.

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Net Zero Roadmap

We have a clear, achievable roadmap to reduce our emissions to Net Zero by 2045 in line with Scottish and UK Government commitments to the Paris Agreement to limit the rise in global temperatures to 1.5 °C. The Net Zero Roadmap is a live tool across all INEOS FPS' assets where new emission reduction ideas can be added, acting as a decision making process for investment and forms an integral part of our management system.

The Net Zero Roadmap is in alignment with the North Sea Transition Authority (NSTA) Stewardship Expectation 11 and the Emissions Reduction Action Plan (ERAP). The expectation focuses on the following areas:

- Creating a culture of Greenhouse Gas (GHG) emissions reduction within the UKCS (United Kingdom Continental Shelf)
- Ensuring that GHG emissions reduction is considered throughout Industry lifecycle activities, supported by, amongst other things, improved energy efficiency, continued focus on maintenance, and a high level of production efficiency
- Collaboration between all relevant parties (including with the renewables sector) to support and progress potential energy integration developments such as electrification, carbon capture and storage and hydrogen to maximise emissions abatement potential

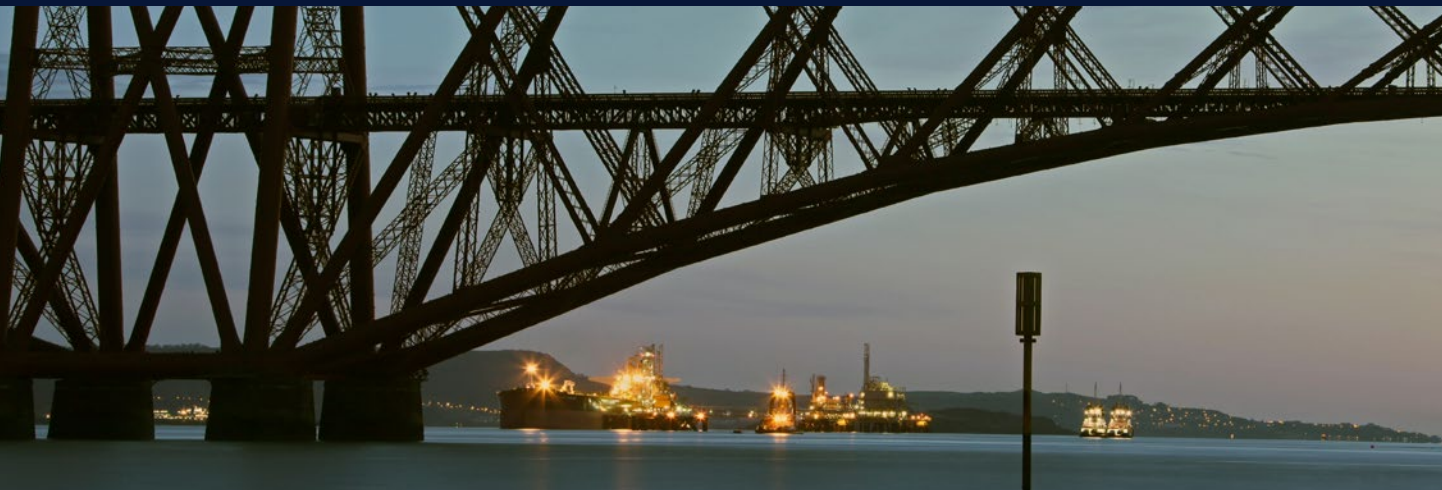
INEOS is determined to play its role in building a more sustainable future. INEOS FPS will progress to Net Zero through intensifying our focus on continuous energy optimisation and switching to cleaner energy sources as they become available at scale.

“

The Net Zero roadmap provides a clear plan on how we will reduce greenhouse gas emissions and conserve energy.

”

Scott Munro
INEOS Scotland ESG Network (ISEN Member)



Our Commitments

INEOS are committed to playing a full and active part in the transition to net zero, not only through reducing the impact of our operations but by providing the products that support other industries and individuals to reduce their own impact on the climate.

Climate change



Advancing the transition to net zero in our industry

Pollution



Driving progress towards sustainable chemical value chains

Water & Marine Resources



Tracking and reducing our water footprint chains

Biodiversity & Ecosystems



Minimising negative impacts on nature from our operations

Resource use & circular economy



Maximising resource efficiency and eliminating waste

Own Workforce



Prioritising workplace health and safety (SHE) and fairness

Workers in the value chain



Safeguarding conditions and human rights

Affected Communities



Respecting and supporting local communities

Business Conduct



Maintaining the highest standards of ethics and compliance

“

Our work is never so urgent or important that we can't take the time to do it safely and with respect for the environment.

”

Andrew Gardner, INEOS CEO

SAFETY, HEALTH, ENVIRONMENT & QUALITY POLICY

OUR COMMITMENTS

Excellence in Safety, Health, Environment and Quality are core values and we believe all incidents are preventable.

We will operate our facilities in a safe and responsible manner to prevent pollution and minimise the impact on the environment and the communities in which we operate. Personal & Process Safety is our number one priority and is the cornerstone of our safe, predictable and reliable operations. Should there ever be a conflict we will always choose safety over operational results.

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

We will work openly and collaboratively with our partner businesses, customers and stakeholders to deliver the INEOS FPS sustainability road map, reducing emissions from our operations in line with INEOS Group and Scotland's net zero targets.

We will play our part in the transition to a circular economy, working with our suppliers and partners to optimise the use of resources and minimise waste wherever possible.

We will ensure quality is at the heart of what we do and will develop, maintain and enact the requirements of our Management System to deliver business and stakeholder expectations, continually improving our business processes.

We will assure Management System conformance, set appropriate improvement targets and openly communicate performance against these.

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

- A culture where SHEQ excellence is embedded as part of our everyday activities
- The systematic identification of hazards and the assessment and management of risk
- Documented processes with clearly defined accountabilities and responsibilities
- Workforce engagement, focussed on collaboration, trust and strong communication, building positive attitudes and behaviours
- Teams that thrive, supported by a structured wellbeing framework
- The thorough investigation of incidents to identify root causes, capture learning and implement measures to prevent recurrence



"Our work is never so urgent or important that we can't take the time to do it safely and with respect for the environment."

OUR EXPECTATIONS

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

- Understand and comply with site rules, Life-Saving Rules (LSR), 20 Safety Principles and the FPS Management System requirements 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.

Andrew Gardner

Andrew Gardner CEO



April 2024

INEOS FPS

Please find our INEOS Group Policy [here](#)

2024 Performance Overview



463

FPS employees



2.1 million

Total hours worked
(contractor partners + employees)



0.10

Occupational Safety and Health
Administration (OSHA) injury rate



68.7 Mbbbls

Total million barrels (Mbbbls)
transported through our pipeline



4.5 kgCO₂e/boe

Scope 1&2 CO₂ intensity



100%

System Availability



3.6%

Waste to landfill meeting
Scotland's Zero Waste target



2

Loss of Containment Events



63.0%

Flaring reduction



46.5%

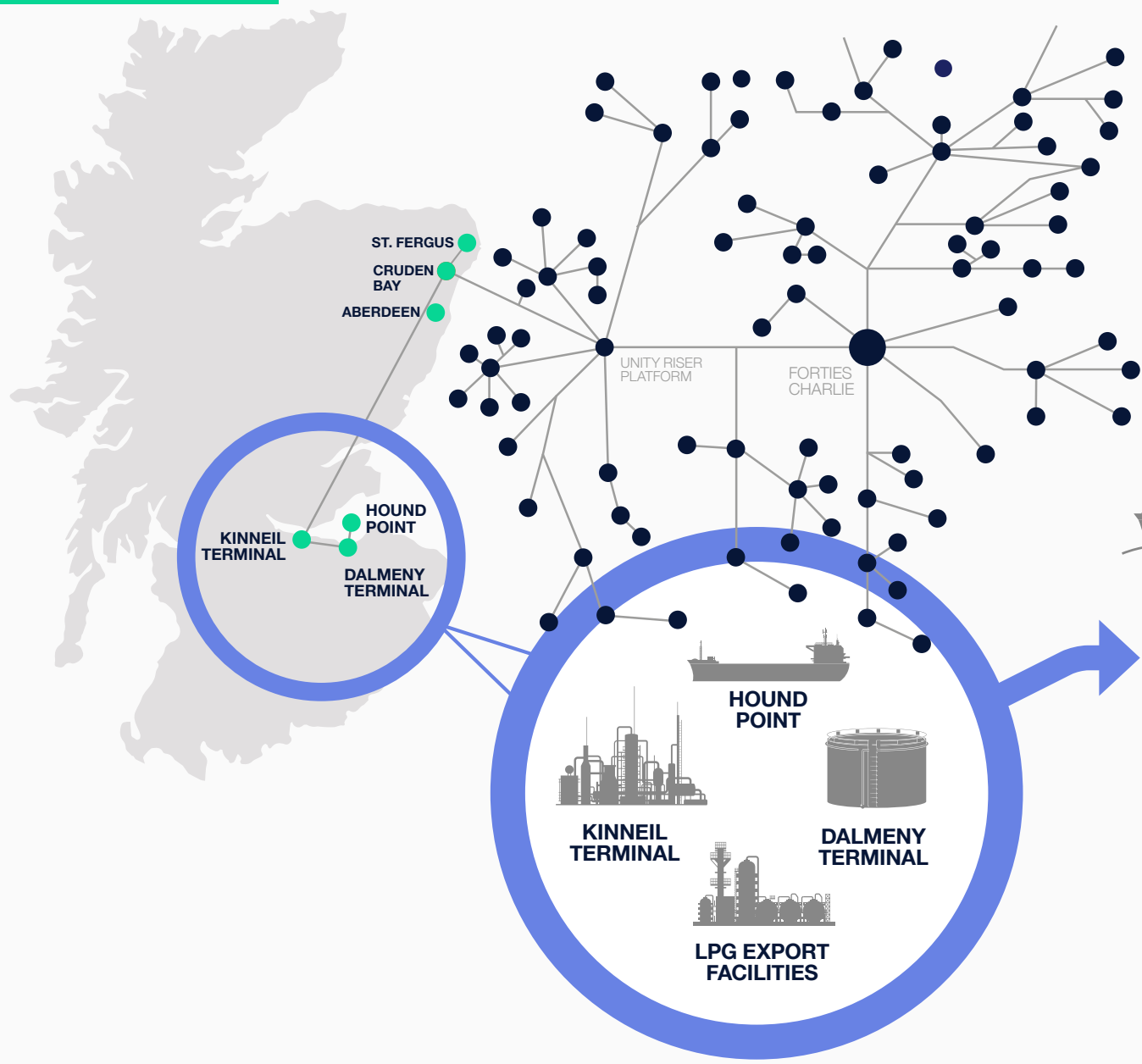
Scope 1 CO₂
emissions reduction



78.2%

Hydrocarbons discharge
reduction

FPS Overview

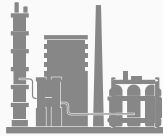


INEOS Forties Pipeline System (FPS) is an integrated oil and gas transportation and processing system, owned and operated by INEOS and utilises more than 500 miles of pipeline to smoothly transport crude oil and gas from approximately 80 offshore fields for processing at the Kinneil terminal. INEOS FPS is a critical Central North Sea transport infrastructure system and in 2023 transported 28.5% of the UK's total oil production from the United Kingdom Continental Shelf (UKCS) to the mainland. The North Sea oil and gas we transport and process acts as a feedstock for a variety of chemical products.

*2023 is the most recent data available.



FPS CUSTOMERS



PETROCHEMICALS



GRANGEMOUTH REFINERY

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

- ETHYLENE
- POLYETHYLENE
- SOLVENTS
- PVC
- ETHYLENE OXIDE

- PROPYLENE
- POLYPROPYLENE
- NITRILES
- PHENOL
- CUMENE

- CRUDE C4
- BUTADIENE
- GASOLINE

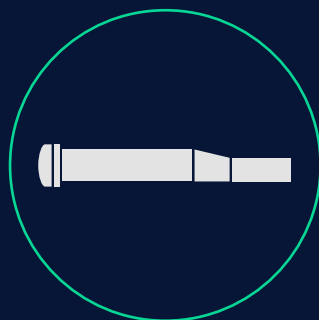
- AROMATICS
- BENZENE
- GASOLINE

Overview of Sites



Unity

The Unity Platform 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 a gathering hub with pig reception facilities.



Cruden Bay / Landline

The Cruden Bay terminal is a key part of the INEOS FPS infrastructure and is the transition point from our subsea to onshore pipeline. From there, the FPS Landline, measuring 36 inch diameter, travels 209 kilometres south to the Kinneil Terminal at the Kerse of Kinneil, Grangemouth.



Kinneil

Crude oil stabilisation, gas processing and effluent treatment is undertaken at the Kinneil terminal.



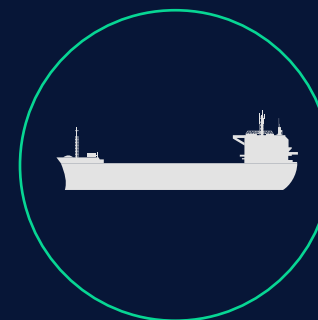
LPG

Propane and butane products are exported via pressurised storage at Grangemouth to the INEOS FPS LPG storage and export terminal at Grangemouth Docks.



Dalmeny

From Kinneil, a 30 inch landline transports Forties Blend stabilised crude oil 19 kilometres east to the INEOS FPS crude oil storage installation at Dalmeny (near South Queensferry).



Hound Point

Two crude oil loading jetties at Hound Point in the Firth of Forth are connected to Dalmeny approximately 5 km away by 48 inch and 40 inch loading pipelines.

Environmental Management System



INEOS FPS operates an integrated management system, which embeds our EMS.

The EMS enables us to:

- Meet, or where practicable, exceed relevant environmental legislative requirements.
- Identify and manage environmental risks ensuring our operations stay resilient.
- Provide an ongoing method of evaluation and improvement for environmental performance.
- Work closely with our supply chain to minimise indirect environmental impacts associated with our operations via Supplier Relationship Performance Management (SRPM).
- Continuously improve our environmental management system to reduce emissions to air, land and water and minimise our use of resources, monitoring any local impacts of our emissions.

In relation to our offshore Unity platform, the EMS is independently verified in line with the requirements of the 'OSPAR Recommendation 2003/5 to promote the use and implementation of Environmental Management Systems'.

- Climate Change
- Water and Marine Resources
- Circular Economy: Waste Management
- Flaring Activities
- Environmental Compliance
- Community Engagement

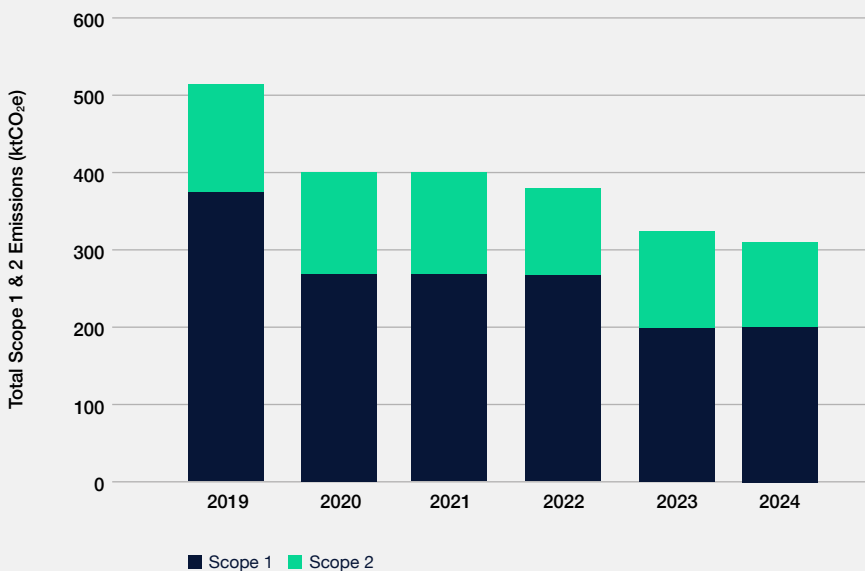
Climate Change

The chart below illustrates the Scope 1 CO₂e emissions from FPS. Kinneil and RLPG operate under a UK ETS permit. Unity operates under an Offshore Pollution Prevention & Control (OPPC) permit. Cruden Bay, Kinneil, RLPG, Dalmeny and Hound Point operate under a Pollution Prevention & Control (PPC) permit.

Kinneil produces most of the business' Scope 1 CO₂e emissions (158.8 ktCO₂e). Energy is required to heat the incoming unstabilised crude and compress the gas that is drawn off for further processing. To achieve this Kinneil relies on electric turbines, gas turbines and fired heaters. Flaring is also undertaken at Kinneil to manage the process in a safe and responsible manner.

RLPG Scope 1 CO₂e emissions (41.9 ktCO₂e) result from flaring from storage tank boil off and propane demands for the onsite heater.

Total Scope 1&2 Emissions



The Unity Scope 1 CO₂e emissions (0.29 ktCO₂e) are also included, which results from the combustion of diesel for power generation on the platform.

Scope 2 CO₂e emissions arise from our sites' electricity and steam requirements.

Since 2019, INEOS FPS have reduced **Scope 1 CO₂e emissions by 46.5%** and **Scope 2 by 30.9%** (2024). This has been delivered through:

- Significant asset investment targeted on areas that improve operational reliability and energy efficiency e.g. compression, single train operation and storage tank overhauls.
- Using digital solutions such as real-time emissions monitoring software to improve the granularity of our data. This enables improved understanding of energy and emission reduction opportunities.
- Continuous improvement of our EMS to reduce emissions to air, land and water and minimise our use of resources.
- A planned reduction in throughput from offshore customers resulting in emissions reduction.



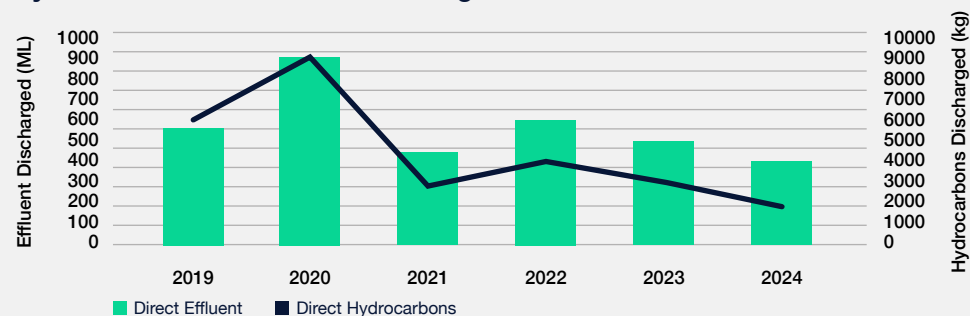
Water and Marine Resources

The below graph illustrates the direct and indirect effluent discharges to the environment from Dalmeny and Kinneil. Direct effluent describes output to the environment and indirect describes output to third parties for further treatment. Both the direct and indirect effluent discharges are authorised as part of our PPC permits and Trade Effluent Consent.

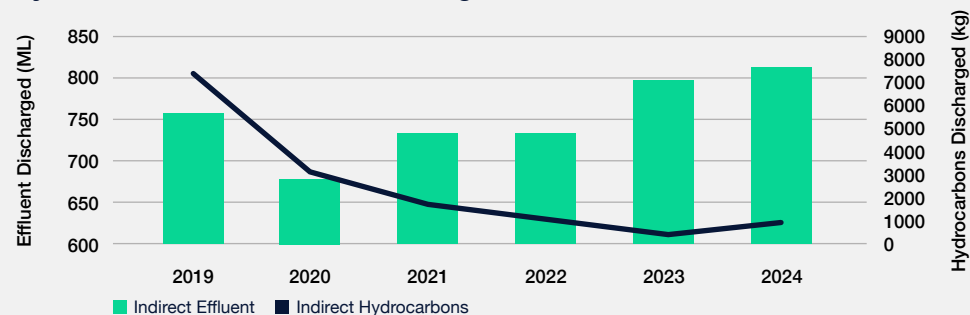
There are no discharges of oil or produced water to sea from the Unity platform.

Since 2019, the total quantities of hydrocarbons discharged has **reduced by 78.2%**. This has been achieved through operational improvements such as our pigging strategies informed through better data granularity.

Hydrocarbons and Effluent Discharged - Direct



Hydrocarbons and Effluent Discharged - Indirect



Circular Economy: Waste Management

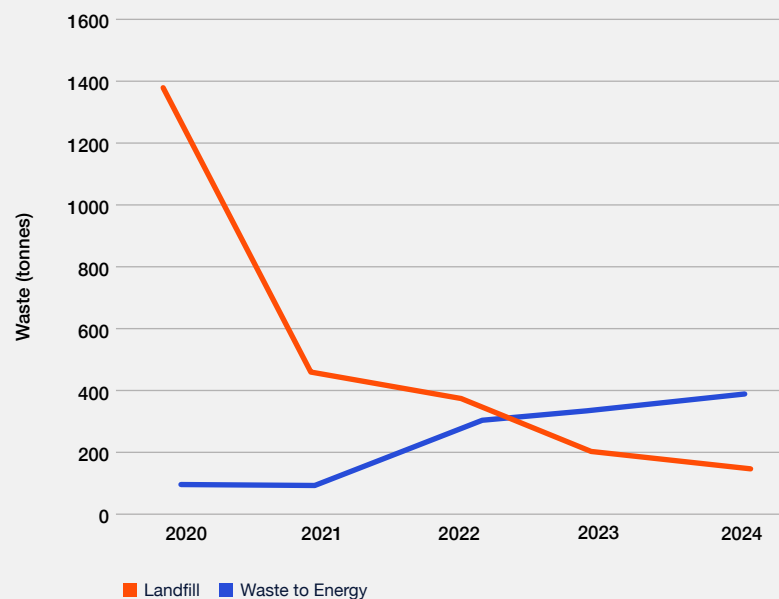


INEOS FPS work closely with waste contractors to reduce waste. The waste hierarchy is rigorously applied and continuously monitored to identify improvement opportunities.

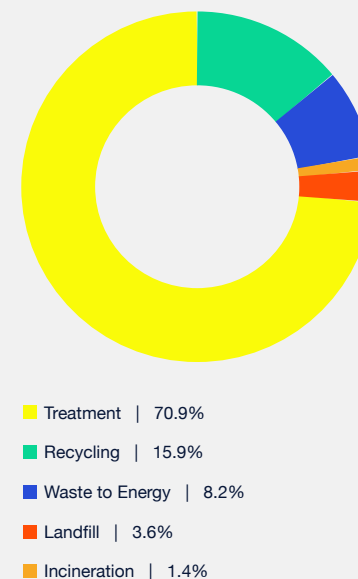
INEOS FPS have continued to divert waste from landfill in line with Scotland's Zero Waste target of 5% to landfill by 2025, **sending 3.6% of our total waste to landfill in 2024**. Recent successes have included the diversion of shotblast and ship waste from landfill to recycling and waste to energy respectively.

Going forward we will continue to apply the waste hierarchy by reducing the quantity of waste sent to waste to energy facilities. This will be achieved through monitoring areas of new technology with contractor partners.

Waste by year



Waste Streams 2024



Flaring Activities

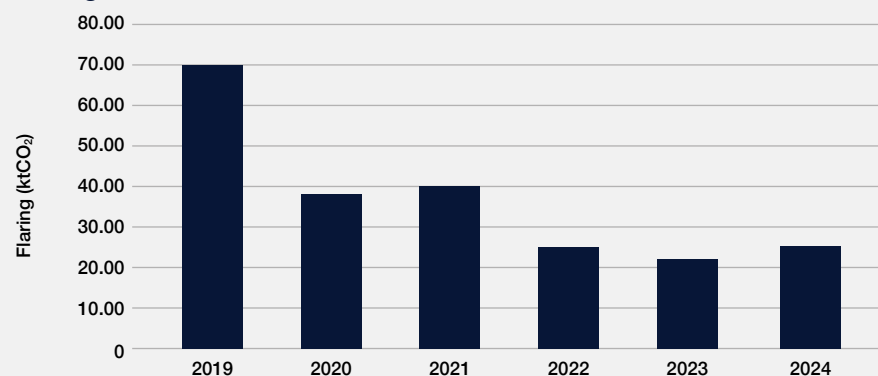
Gas flaring refers to the controlled combustion of excess gas that cannot be processed by the plant. This can be due to unavailability of process capacity, or as a safety measure to regulate pressure within the plant, reducing the risks of gas ignition. Flaring at Kinneil can occur during shutdown / restart of processing trains, as a result of equipment reliability issues, or to reduce system pressures for safety purposes.

Kinneil operates under a Flaring Consent which is approved by the North Sea Transition Authority (NSTA) on an annual basis. Flaring has **reduced by 63%** since 2019. This has been delivered through:

- Significant asset investment targeted on areas that improve operational reliability and energy efficiency.
- Continuous improvement of our management system to reduce emissions to air, land and water and minimise the use of resources.
- A planned reduction in throughput from our offshore customers resulting in emissions reduction.
- Efficient gas management between the INEOS Grangemouth Complex businesses to reduce product disposal constraint flaring.

INEOS FPS are currently constructing a new ground flare system at our Kinneil facility which will reduce the impact of noise and light pollution to our surrounding community.

Flaring



Environmental Compliance

INEOS FPS has a number of legal obligations associated with the operation of our infrastructures environmental performance.

During 2024, Unity had zero PON1 (Release to sea of oil or offshore chemicals), PON2 (Loss of materials to sea) and PON 10 (Consent to locate) reports to the regulator.

In total, there were eight externally reportable non-compliances against the FPS environmental permits in 2024. The non-compliances were technical or minor permitted emissions limit value breaches which did not have a material impact on the environment.

Environment – Externally Reportable 2024

INEOS FPS Site	OPPC (Oil Pollution Prevention and Control)	PON10 (Consent to Locate)	UK ETS (Emissions Trading Scheme)	PPC (Pollution Prevention Control)	Other (CAR/Trade Effluent Consent)
Unity	0	0	N/A	N/A	N/A
Cruden Bay	N/A	N/A	N/A	0	0
Landline	N/A	N/A	N/A	N/A	0
Kinneil/ RLPG	N/A	N/A	0	7	1
PLPG	N/A	N/A	N/A	N/A	0
Dalmeny/ Hound Point	N/A	N/A	N/A	0	0



Community Engagement

The INEOS Group Sustainability Strategy is to manufacture essential products needed to address global challenges, such as climate change, resource scarcity, and pollution, while minimising our negative impacts on the environment and people around us.

As part of continuously improving in line with the [INEOS Group Sustainability Strategy](#) and the FPS Annual Safety, Health, Environment and Quality plan, some of the key activities delivered in 2024 are highlighted below:

Environment	Social	Governance
<ul style="list-style-type: none">● Enhancing our Net Zero Roadmap.● Managing business risks and pursuing opportunities to ensure INEOS FPS' continued compliance.● Continued investment to minimise impact of flaring.● Continuous steam leak and repair reduction strategy.● Elimination of waste water sent for treatment from onshore north assets.● Supporting the industrial symbiosis at our Grangemouth sites.	<ul style="list-style-type: none">● Providing high quality jobs and training, as well as wider personal development opportunities to our employees.● Supported our local community through our Grangemouth School Links Steering Group, providing STEM school visits and supporting the STEM Summer School with Forth Valley College.● Providing funding to local community projects.	<ul style="list-style-type: none">● Managing business risks and pursuing opportunities to ensure INEOS FPS' continued compliance.● Improving data transparency through investment in new digital technology.● Drive continuous environmental improvement amongst contractor partners through Supplier Relationship and Performance Management (SRPM).





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