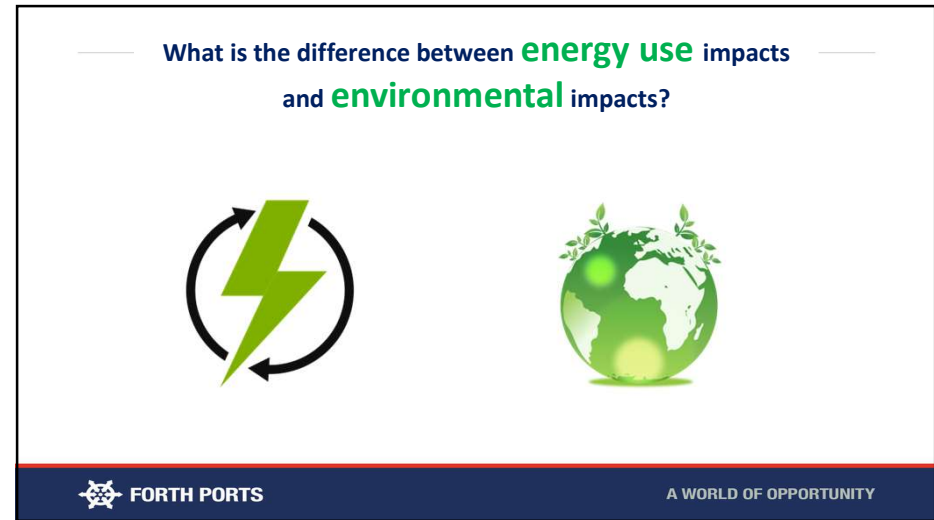




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### Risks to Forth Ports




**1. Reputational damage and loss of customers**




**2. Loss of accreditations**




**3. Financial loss and uncapped fines**



**4. Litigation** that could lead to **imprisonment**



**5. Ill health and injury** to our employees, customers, visitors and local communities



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### How can we change our **environment** and **energy** use?





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### What can **WE** do?



**TURN WORDS INTO ACTION**  
**TURN ACTION INTO RESULTS**  
**SAVE ENERGY**  
**SAVE MONEY**

**Reduce energy use:**

- Turn off appliances and plant when they don't need to be on
- Driving efficiently
- Checking plant/equipment and reporting mechanical issues
- Turn off lights that are not needed
- Consider using windows and doors instead of air conditioners and radiators
- Follow energy management procedures to control energy consumption and costs

**Reduce water use and prevent contamination:**

- Turn off taps when not in use
- Report leaks / dripping taps
- Report mechanical failures
- Do not pour liquids other than uncontaminated water into outside surface water drains or on the ground



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### What can **WE** do?

**Dispose of waste correctly in the relevant labelled bin:**

Do not dispose of the following in general waste and recycling bins:

- Electrical items, fluorescent tubes/bulbs, batteries
- Oil, oily rags, contaminated spill granules, paint
- Ink cartridges
- Tyres
- International catering waste (food waste) from ships need to be disposed of in the correctly labelled enclosed receptacles

Use separate bins where available:

- General waste
- Cans, bottles, plastic and white paper
- Food waste
- PPE





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## International Standards Organisation (ISO) certifications






- ISO Standards outline the requirements and guidelines for our management systems and are recognised and respected throughout the world
- There is no legal requirement to have an ISO certification. However, having a certified management system establishes credibility and trust among consumers, clients and other business partners and assists in meeting legal requirements and continual improvement.
- Management systems are sets of policies, procedures, forms and guidance developed and used by the business to ensure that it meets the requirements of the ISO Standards
- We are periodically externally audited by certification bodies to ensure we achieve and maintain compliance to the clauses within the standards
- Our team internally audit our business to ensure we are meeting the requirements that we have set out in our management system


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## Our Energy and Environmental International Standards Organisation (ISO) certifications





**ISO 9001** held by each of our major ports aims to ensure we meet our customers' expectations and demonstrate our commitment to quality service

**ISO 9001 aims to achieve:**

- Consistency or standard work
- Customer Satisfaction
- Continual improvement

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**ISO 14001** held by the Port of Tilbury aims to protect the environment and respond to changing environmental conditions and legislation

**ISO 14001 aims to achieve:**

- Improved risk management and protection of people and the environment
- Managing impacts to the environment related to our business activities
- Influencing our business partners to make more environmentally friendly and sustainable decisions

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**ISO 50001** held by Forth Ports across the Group aims to continually improve energy performance, including efficiency, energy use and energy consumption.

**ISO 50001 aims to:**

- Develop processes for more efficient use of energy
- Implement new technology to improve energy efficiency
- Use data to better understand and make decisions concerning energy use and consumption


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**ENERGY MANAGEMENT SYSTEM**

**ENERGY POLICY STATEMENT**

Forth Ports commits towards the long term and sustainable reduction of energy consumption through energy efficiency. Our energy objectives are to improve energy performance, provide energy consumption efficiency, ensure that significant capital investment considers energy efficiency in the design and procurement processes, reduce greenhouse gas emissions and ultimately costs.

To achieve these objectives, we commit to a process of continual improvement, achieved through the implementation and operation of an ISO 50001 accredited Energy Management System aligned with the strategic direction of the organisation. As part of fulfilling our commitments under this scheme, we will ensure that:

- Sufficient resources and information are provided to meet our energy targets and objectives.
- That all relevant employees are involved in the process of improving energy performance and increasing energy efficiency.
- That energy efficiency programmes are introduced and operated when they will deliver benefits to the company and contribute towards improved energy performance.
- That management periodically review energy efficiency, energy use, energy consumption and objectives through the auditing of processes and facilities and reporting of performance.
- That energy efficiency forms a major component of our procurement process particularly in relation to the selection of new energy efficient machinery, equipment and services.
- That energy efficiency is considered prior to the renovation or construction of new or existing structures.
- That all relevant legal requirements and other relevant requirements relating to energy use, consumption and efficiency activities are met and that where none exist, standards are set in line with industry good practice.
- Objectives & targets will be reviewed at least annually.
- Manage all of the above via a compliance management system, which is integrated with other business processes.

Forth Ports Limited commits to the review of this policy on a regular basis and at times when there may be significant changes to the business.

Charles Hammond    Chief Executive Officer

Stuart Wallace    Chief Operating Officer




ENES-01-0001    Version 001    1 December 2023    Master files are stored electronically. Printed copies are for reference only.    Page 1 of 1

## Our ISO policies

Our policies state Forth Ports intentions and directions for Energy Management, the Environment and Sustainability.

They are in your induction pack, on the intranet and displayed on notice boards. Please read through these as **the way we work helps to achieve our goals.**




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**ISO 50001  
Energy Targets  
2024**

- **Group wide Cargo Handling\*: A 1.2% reduction in kWh/tonne compared to 2023 - from 5.72 to 5.65 kWh/tonne**
- **Targe Towage\*\*: 246 litres/hour**
- **Pilotage\*\*: 42 litres/hour**

This is based on the energy savings we expect to realise in 2024 due to specific upgrades, new equipment and energy savings initiatives.

Your assistance in continuing to be considerate in your energy usage is important to us achieving these efficiency targets.

\*The 2024 targets were based on data which has been adjusted to be more reflective of the energy Forth Ports is responsible for.  
 \*\*Pilotage Target: 445.2 kWh/hour and Targe Target: 2.607 kWh/hour



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## Port of Tilbury ISO 14001 Environmental Targets 2024



<b>Electricity</b>  Reduce total electricity consumption by 5% compared to 2023	<b>What can you do to help:</b> <ul style="list-style-type: none"> <li>• Turn off lights, appliances and plant when they don't need to be on</li> <li>• Check plant/equipment and report defects</li> <li>• Consider using windows and doors instead of air condition units and electric heaters</li> </ul>
<b>Waste Generation/Disposal</b>  Maintain 100% of waste diverted from landfill  Continue to identify waste initiatives	<b>What can you do to help:</b> <ul style="list-style-type: none"> <li>• Dispose of waste in the correct bins where available</li> <li>• Reuse and recycle where possible</li> <li>• Do not dispose of batteries, oil, oily rags contaminated spill granules or paint in general waste or recycling bins</li> </ul>
<b>Water Consumption</b>  Reduce water leakage by 10% compared to 2023	<b>What can you do to help:</b> <ul style="list-style-type: none"> <li>• Turn off taps when not in use</li> <li>• Report leaks and dripping taps</li> <li>• Report mechanical failures of infrastructure and equipment using water</li> </ul>
<b>Fuel Consumption</b>  Increase the use of HVO in place of diesel compared to 2023  Continue to investigate greener fuels (Hydrogen/HVO/Electric) and plant/equipment that is powered through these fuels	<b>What can you do to help:</b> <ul style="list-style-type: none"> <li>• Send in your suggestions of ways we can improve our fuel/energy use and our impact on the environment using the reporting QR code</li> </ul>



REPORT AN OBSERVATION

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## Our **commitment** to Net Zero



1. Working with our supply chain to **reduce** our scope 3 emissions



Net Zero operation by **2042**



2. All 8 ports use environmentally **sustainable** electricity sources



4. Our mobile equipment and marine fleet will utilise **alternative fuels**



3. Our ports will focus on delivering **Low Carbon** logistics




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## DO YOU HAVE AN ENVIRONMENTAL/ENERGY OBSERVATION?



We want your suggestions to help us continue to improve our energy use and reduce our environmental impact  
Share your opportunities for improvement and where you've seen good practice that we can share around the business

Energy and fuel consumption/Noise pollution/Light pollution/Air emissions/Land pollution/Waste management/Water management/Use of resources



**REPORT AN OBSERVATION**

How to log your Environmental/Energy observation:

1. Scan the QR code
2. Click Environmental/Energy Observations
3. Enter your details so we can keep you updated with your observation
4. Enter your observation and then click save

**If you have questions, please contact:**  
 Michelle Russell (Assurance Manager, Group): [Michelle.Russell@potil.com](mailto:Michelle.Russell@potil.com)  
 Katherine MacDonald (Energy Assurance Advisor): [Katherine.MacDonald@forthports.com](mailto:Katherine.MacDonald@forthports.com)  
 Sam Clark (Assurance Graduate): [Sam.Clark@potil.com](mailto:Sam.Clark@potil.com)

**REPORT ENVIRONMENTAL INCIDENTS (E.G. SPILLS) TO YOUR LINE MANAGER**

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### ENERGY POLICY STATEMENT

Forth Ports commits to the long term and sustainable reduction of energy consumption through improvements in energy efficiencies related to the actions undertaken by the organisation. Our aims are to improve energy performance, promote the efficient consumption of energy, to reduce greenhouse gases and to ensure that any projects that require significant capital investment consider energy impacts within the design and procurement processes.

To achieve these aims, we commit to a process of continual improvement, achieved through the implementation and operation of an ISO 50001 accredited Energy Management System, which is aligned with the strategic direction of the organisation. As part of fulfilling our commitments under that scheme, we will ensure that:

- Objectives & targets will be reviewed at least annually, with an aim to review quarterly through the Energy Committee and Management Review Committee.
- Sufficient resources and information are provided to meet our energy targets and objectives.
- All employees are involved in the process of improving energy performance and increasing energy efficiency. They are able to provide feedback and suggestions for Energy Improvements.
- Energy efficient actions will be considered and introduced when they will deliver benefits to the company and contribute towards improved energy performance.
- The Energy Committee and Top Level Management will periodically review energy efficiency, energy use, energy consumption and objectives through the auditing of processes and facilities and reporting of performance.
- Energy efficiency forms a major component of our procurement process particularly in relation to the selection of new machinery, equipment and services.
- Energy efficiency is considered prior to the construction of new structures or the renovation of existing structures.
- All relevant legal requirements relating to energy use, consumption and efficiency activities are met.
- All of the above are managed through Forth Ports' Energy Management System which meets the requirements of ISO 50001 and are integrated throughout the business.

These actions will support Forth Ports' commitment to be carbon neutral by 2032 and net zero by 2042. We are conscious of our impact on the environment and aim to mitigate our impact on climate change.

Forth Ports Limited commits to the review of this policy on a regular basis and at times when there may be significant changes to the business.

Stuart Wallace      Chief Executive Officer

Peter Ward      Commercial Director | Port of Tilbury





## ENVIRONMENT MANAGEMENT SYSTEM

### Environment & Sustainability Policy

Forth Ports recognises the importance of operating in a responsible manner, within the principles of sustainable development and procurement, aiming to reduce its impact on the local and global environment, mitigate our impact on climate change and have a positive impact on biodiversity.

We commit to a process of continual improvement, achieved through the implementation and operation of an ISO14001 accredited Environmental Management System (EMS), which is aligned with the strategic direction of the organisation and supports the Groups commitment to net zero.

As part of operating responsibly, Forth Ports aims to:

- Comply as a minimum with all legal requirements related to its activities and where legislation does not exist, set its own standards ensuring good industry practice
- Consider and align Initiatives with government targets where applicable
- Incorporate environmental and energy factors into business decisions
- Undertake and review port and marine operations in such a way as to safeguard port users, adjacent land, marine environment and the local community
- Set objectives and targets to reduce impact on the environment. Review and record progress of these to monitor outputs
- Prevent pollution
- Minimise, reuse, recycle and dispose of waste responsibly
- Improve efficiency in the use of energy and other resources
- Ensure that emergency and contingency plans are suitably exercised
- Drive continual improvement by identifying opportunities and monitoring the required changes and lessons learnt
- Consider development in technology to reduce environmental impacts
- Improve communication, awareness and training for employees to encourage greater engagement and participation
- Engage and encourage stakeholders to adopt similar environmental approaches
- Consider concerns of external bodies and local communities who may be affected by our activities

Forth Ports Limited commits to review this policy on a regular basis and at times when there are significant changes to the business.

Stuart Wallace

Chief Executive Officer

Peter Ward

Commercial Director