



**Energy  
Savings  
Opportunity  
Scheme**

**ESOS  
Phase 3**

All you need to know about ESOS

**2023**



## What is ESOS?

The Energy Savings Opportunity Scheme (ESOS) is a mandatory energy auditing and assessment scheme for organisations in the UK that meet the qualification criteria. Around 10,000 organisations, covering up to 200,000 buildings, are expected to be covered by ESOS. Over a 12-month period, the process requires the recording and reporting of energy data for buildings, transportation, and industrial process. Furthermore, the scheme requires energy surveys, which must be accompanied by cost-effective recommendations to reduce energy demand and improve energy efficiency. An accredited ESOS Lead Assessor must sign off on all evidence gathered.

## Who needs to comply with ESOS?



**250+**  
**employees**



**£44+ million**  
**annual turnover**



**£38+ million**  
**annual balance sheet**

## ESOS Phase 3 Updates

- ✦ De-minimis rule has been reduced from 10% to 5% (more energy requires auditing).
- ✦ Standardised template for including compliance information in ESOS report.
- ✦ Intensity metrics should be included in the overview section of the reports.
- ✦ Half-hourly consumption data will be analysed and reported on.
- ✦ Identified opportunities should be shared with subsidiaries.
- ✦ An action plan must be submitted as a reporting requirement for Phase 4.

# Audit requirements



- Must be based on 12 months' verifiable data
- Must analyse the participant's energy consumption and energy efficiency
- Must identify energy saving opportunities



- A representative survey of sites as part of the overall audit process
- Establish an appropriate site visit sampling strategy to reflect the energy consumption patterns of their assets and activities
- Ensure they have collected data for significant energy consumption areas.

# Timeline

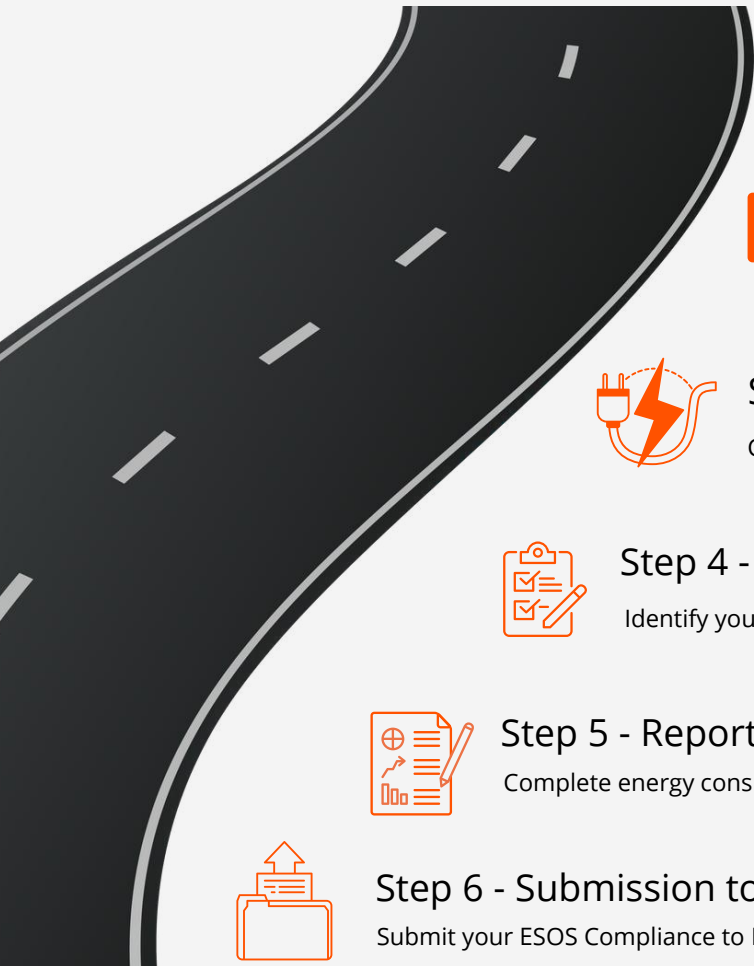


**Warning**

*\*Failure to comply with an enforcement/penalty notice can result in a penalty of up to £5,000, plus £500 for each working day the organisation remains in violation.*

**Next deadline - 5th Jun 2024**

# Steps to Compliance



## Step 1 - Lead assessor

Appoint a qualified lead assessor



## Step 2 - Corporate Structure Verification

Verify corporate structure and source energy data



## Step 3 - Consumption Investigation

Calculate your total energy use for all energy streams including transport



## Step 4 - Site Surveys

Identify your area of significant energy use at site level



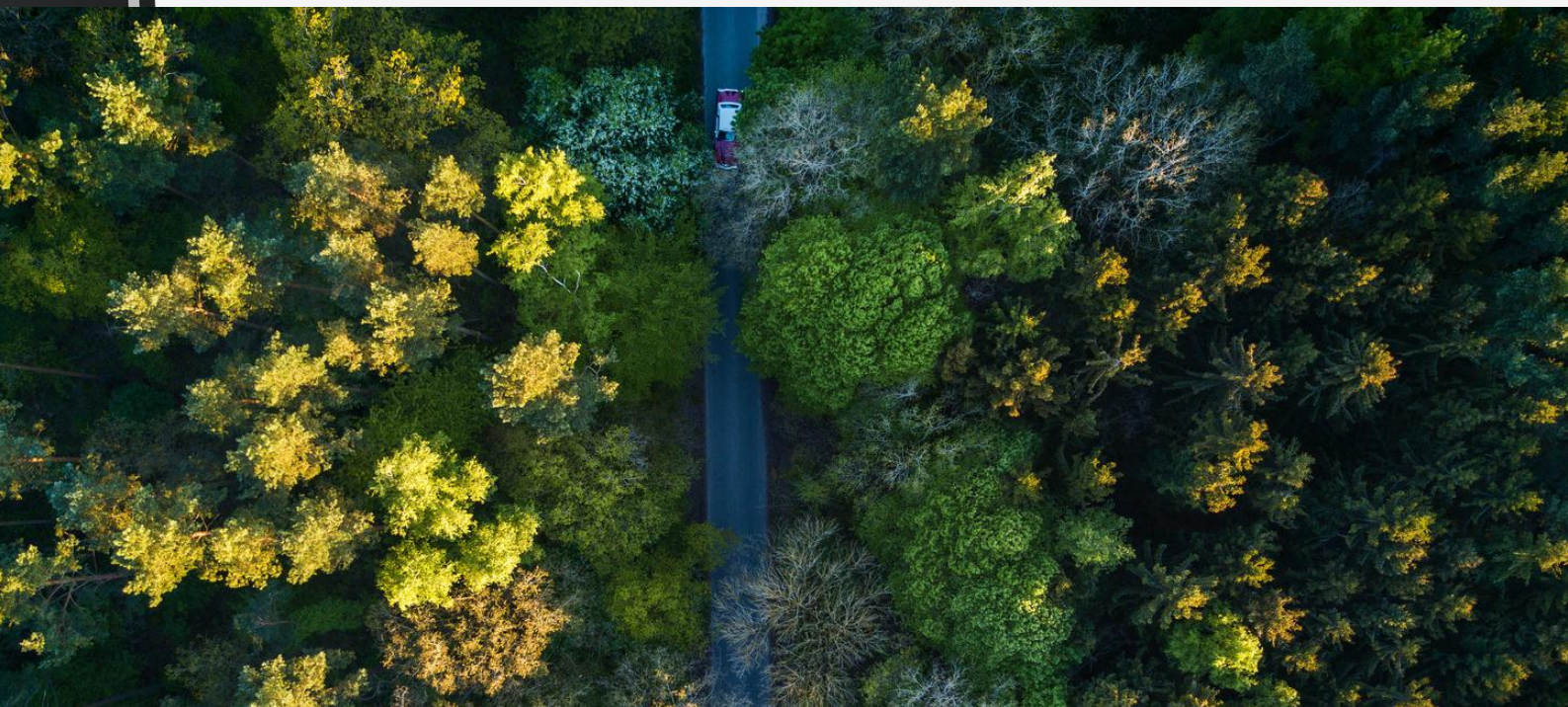
## Step 5 - Reporting

Complete energy consumption report and register relevant energy consumption data



## Step 6 - Submission to EA

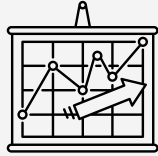
Submit your ESOS Compliance to Environment Agency



# How can ETS support you?



**ESOS Compliance**



**Energy Data Analytics**



**Energy Troubleshooting**



**Data Collection & Metering**



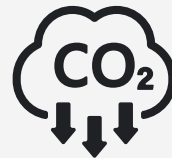
**Lead Assessors**



**Identify Opportunities**



**Energy Consultancy**



**Carbon Savings**

## Our Expertise



### Save Energy Immediately

ETS prioritises energy saving opportunities and benefits whilst conducting energy surveys. Priorities enable zero & low cost and simple initiatives to be implemented from the onset, benefits in reducing energy, cost, and carbon savings start to transition early on in the process, whilst longer-term strategy and initiatives are planned. We review clients' historical energy data, audits, and offer energy correction strategies that support the client in cutting carbon. Upon completion of the audit, ETS will provide all materials and evidence for clients to register compliance with ESOS.



### In-house Data Collection & Analytics

Our consulting engineers and data scientists provide ESOS compliant Lead Assessors, assisting organisations in meeting requirements as soon as possible.



### Guaranteed the success

We have comprehensive experience in ESOS for various sectors and have a high conversion rate for implemented energy savings. A qualified compliance ESOS audit is guaranteed.



# ESOS Opportunities

Use ESOS to identify and implement cost savings and carbon reduction incentives!



OVER **£12 million** savings identified for our Phase 2 clients.



**147+**  
million  
kWh Savings



**31+**  
million  
CO2 Savings



“

## What ESOS can bring to you?

ESOS represents a potential opportunity for companies to create a long-term energy strategy. By commencing your audit and starting your site surveys, you can plan to implement more opportunities for cost and carbon savings. You can begin benefiting now instead of the submission deadline. Taking ESOS compliance as your first step, ETS can support your Net Zero roadmap and go on this decarbonisation journey with you.



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# Exceptional Benefits



## Energy Consultancy

- Offering complete ESOS compliance plus energy & carbon action plans and corrective measures.
- Provides comprehensive consultancy for carbon savings.
- Diverse approaches for ESOS compliance depending on clients' needs.



## Holistic Approach

- Our in-house data system can assure data security.
- Our in-house Lead Assessors can guarantee compliance with ESOS.
- Our team can guide you through the Net Zero journey.



## 25 Years Experience

- ETS has engaged in energy management for 25 years.
- Drive sustainable performance through energy strategies.
- We take responsibility for our impacts on the environment.



*ETS provides project / contract options for ESOS compliance. In addition to approaching the ESOS delivery as a one-off project, ETS can offer a monitoring & targeting contract that maintains a watching brief over energy use & waste, alerts and identifies adverse energy use, and enables immediate solutions to remediate waste. As part of the ongoing contract data management, ETS collates all energy and data streams, conducts a full ESOS audit throughout the contract term, and ensures the client is fully compliant before the deadline. This is a progressive approach to compliance ensuring that measurable savings are sustained throughout the contract term.*

# About ETS

Energy and Technical Services (ETS) is an expert in carbon consulting and energy saving service and has been for 25 years. We drive sustainable performance through Smart Energy Management strategies. We tackle commercial needs while making a positive impact on climate change. ETS has undertaken Smart Energy Management projects for international leading brands developing carbon reduction and efficient energy systems. Our overall holistic approach helps clients accelerate results on Science Based Target and work toward Net Zero, whilst constantly monitoring pathways to ensure success. Our innovative data, engineering and energy solutions deliver promised returns and improved carbon savings. We empower better energy performance.



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