

# ESOS - What do I need know?

**axion**  
energy solutions



## IS ESOS MANDATORY?

Yes if on 31st December 2014 your company



Was registered in **UK**



Was employing **250**

OR



Had a turnover of **£38,937,777** and a balance sheet of more than **£33,486,489**

OR



Was **part** of a group that included a UK undertaking that met either of these

## What is the deadline?



December

**5**

**5th**  
**December**  
**2015**

## What do you need to assess?



**Buildings**



**Transport**  
(including grey fleet)



**Renewable Energy**



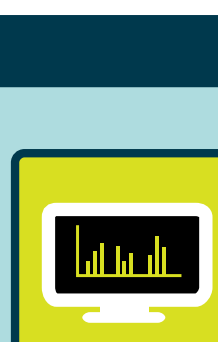
**Imported Heat**



**Industrial Processes**

...all forms of energy products including combustible fuels, heat, renewable energy and electricity. Energy that is both supplied to and consumed by your organisation.

## What To do?



**Compile**

your total energy consumption over a 12 month reference period, which should also coincide with 31 December 2015.



**Identify**

areas of significant energy consumption and produce energy consumption profiles to analyse energy consumption trends



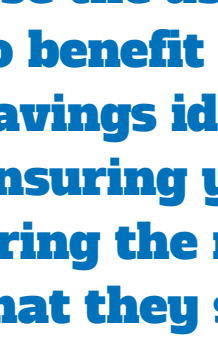
**Carry out**

energy audits for all areas of significant energy consumption and identify energy savings opportunities



**Appoint**

a 'Lead Assessor' to review and sign off your ESOS assessments along with a company Director (unless fully compliant through ISO 50001)



**Notify**

the Environment Agency of your compliance (online) by 5th December 2015

## How to comply

There are several routes to compliance:



**ESOS compliant Energy Audits**



**ISO 50001 Certification**



**Display Energy Certificates (DECs)**



**Green Deal Assessments (GDAs)**

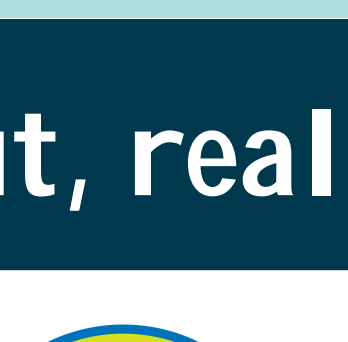
You can also use previous energy audit work, so long as it was undertaken between 5 December 2011 and 5 December 2015.

## What Next?

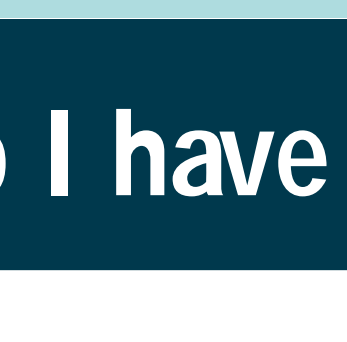
Use the assessment's findings to benefit from the savings identified – ensuring your efforts bring the rewards that they should.



## And then ...?



**Same again every 4 years**



**Retain all records for ESOS evidence pack for 3 ESOS cycles (12 years)**

## But, really ... do I have to?

**£5,000**

**Fixed Penalty**

There's a fixed penalty of up to **£5,000** if you don't comply

**£40,000**

**In Daily Penalties**

and you can be charged up to an additional **£40,000** in daily penalties for failure to notify the Environment Agency of compliance



**Non-compliance made Public**

Non-compliance will also be made public

The fines are designed to be higher than the cost of the audits, so it is more cost effective to do the audits.

## How can Axion help?

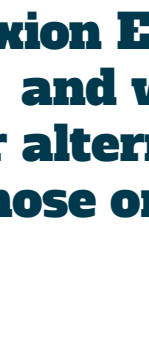
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**If you need an ESOS assessment:**

Our assessments will uncover all possible savings

We are career engineers who are skilled at identifying energy wastage



**During ESOS assessments:**

Make ESOS Cost Neutral – we can provide free or discounted ESOS audits



**If you have already had an ESOS assessment undertaken:**

Financing, design & project management of energy initiatives identified in ESOS audits

**Axion Energy Solutions are ESOS Lead Assessors and we can provide a turnkey ESOS project or alternatively we can provide ESOS sign off for those organisation that wish to undertake ESOS energy assessments themselves.**

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