

The Energy Savings Opportunity Scheme and EU Energy Efficiency Directive

The Energy Savings Opportunity Scheme (ESOS) is a mandatory assessment scheme in the UK, requiring large organizations to undertake energy efficiency audits every four years.

ESOS is the UK's interpretation of the EU Energy Efficiency Directive* (EED). Each EU member state has interpreted the EED in their own way and put in place an equivalent scheme, meaning there are slight variations in the requirements and qualification criteria for each EU member state.

To comply with the UK's ESOS scheme a 12 month period of energy consumption, incorporating 31st December 2018, is required for review. The scheme incorporates all organizational energy consumption from buildings, industrial processes and transport.

Eligibility

You need to comply with ESOS if your UK operations meet either of the following criteria on the qualification date of 31st December 2018:

- **Employs more than 250 people**
- **Has an annual turnover in excess of €50m or a balance sheet over €43m**

Our approach

We view ESOS as an opportunity to assist our clients in achieving their corporate objectives, not just a tick box compliance exercise.

Our qualified and highly experienced team will provide you with a strong business case consisting of accurately costed energy saving recommendations to present to finance directors. Our ESOS reports allow your board to make informed decisions and realise long-term portfolio wide

carbon and cost savings that considerably outweigh the cost of the compliance process.

We apply a straightforward four stage approach to ensure that real benefit is derived from the ESOS process.



Consolidated EED approach

If you have operations throughout Europe we can develop a consolidated EED approach, identifying opportunities that can be rolled out across your organization to gain maximum benefit from the compliance process. Our EU wide coverage then allows us to manage programs of work simultaneously across EU member states.

*ESOS will continue within UK legislation irrespective of the UK's relationship with the EU.



Why Anthesis?

- Our team has significant experience of detailed building energy audits, and supported over 60 organizations during ESOS phase 1.
- We've costed our support programme to ensure real benefit is derived from the ESOS process. We propose tangible carbon and cost reductions that considerably outweigh the cost of the compliance process.
- As we both advise on and implement energy efficiency measures we are able to provide accurately costed recommendations.
- We have access to funding streams to improve the likelihood of recommendations being taken forward.
- We may be able to reimburse the cost of your ESOS programme if you decide to work with Anthesis to implement the energy conservation measures identified (subject to project investment).

Our clients

Anthesis has significant ESOS experience, supporting over 60 clients during phase 1.

	
	
	

Case study

Unite Students

Unite Students are the leading provider of student accommodation in the UK, housing over 46,000 students across a building portfolio of 138 purpose built properties.

The client wanted to move beyond pure compliance with ESOS, tying it in with their obligations under the Minimum Energy Efficiency Standards (MEES) regulations and raising the profile of energy at a senior level.

Our solution

To ensure the energy saving opportunities identified were relevant to the entire portfolio, a stock-modelling approach was adopted grouping properties into five archetypes.

Detailed site surveys were conducted on each building archetype to identify appropriate measures to improve energy efficiency, these measures were then extrapolated across the portfolio.

Project outcome

We created a stock model which included extensive asset level data and through our detailed ESOS site surveys we identified approximately £150 million in lifetime savings.

Our methodical approach allowed Unite's Energy and Environment team to present a robust business case for executive approval, placing carbon and energy savings at the center of their operational activity. The work was used to push the energy management agenda into the view of senior decision makers which has led to the longer-term benefit of rolling out work programmatically.

Client feedback

"Working with Anthesis gave us the high level of technical expertise that we simply didn't have in house. We have thoroughly enjoyed working with them and look forward to continuing to do so."

- James Tiernan, Energy Manager, Unite Students

About Anthesis

Anthesis is a specialist global sustainability services and solutions provider founded on the belief that sustainable business practices are at the heart of long-term commercial success.

We develop value-driven sustainability strategy which is underpinned by technical experience and delivered by innovative, collaborative teams across the world. We not only develop solutions for clients, but act as a delivery partner too.

Energy Services

Our Energy Services division has been delivering cost and carbon efficiencies for 20 years through tailored energy management services, expert design support and the implementation of energy saving measures. As a result, clients benefit from improved performance, reduced costs, a cleaner brand and reputation, legal compliance and a long-term resilience to changes related to energy and climate risk.

With experts focusing on key sectors where the largest reductions can be made, our track record within commercial and industrial buildings, housing, manufacturing and the public sector is highly valued by our clients.

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