

# Energy Saving Opportunities Scheme

## ESOS

Is your business affected by the ESOS regulations?



## Cotopaxi can now assist large organisations to comply with the Energy Savings Opportunity Scheme (ESOS)

If your company in the UK employs 250 people or more, or has an annual turnover in excess of £42 million and annual balance sheet in excess of around £36.5 million, the ESOS regulations apply to your business!

ESOS requires all large businesses in the UK to undertake mandatory assessments which focus on energy use and energy efficiency opportunities to determine areas of significant energy use and where improvements can be made. This needs to be carried out at least once every four years.

It is predicted that 7,300 UK Organisations will be affected by ESOS. If you are a UK organisation and already working towards ISO50001 accreditation, this will also contribute in helping your company to become compliant with the ESOS requirements.

## Assessment will include the following elements:

- Appointing an authorised ESOS assessor from Cotopaxi and, since many of the activities can be carried out internally, agree an appropriate scope.
- Measuring your company's total energy consumption for buildings, industrial processes and transport.
- Identifying areas of significant energy consumption, accounting for at least 90% of your total.
- Routes to compliance may include a current ISO 50001 certification or some combination of outputs from DECS; GDA's or earlier approved Energy Audits. For areas not covered by these to the required standard, an ESOS Energy Audit will be required, and this can be carried out by Cotopaxi.
- Review of the assembled evidence by your approved Cotopaxi ESOS Assessor.
- Reporting compliance to the Environment Agency, after having had the ESOS Assessment reviewed by a Board-level Director and approved by your Cotopaxi Lead Energy Assessor.

## ESOS Energy Audits

All areas of your business not adequately covered by ISO 50001 or other previous work will require an ESOS Energy Audit. This will be required to cover:

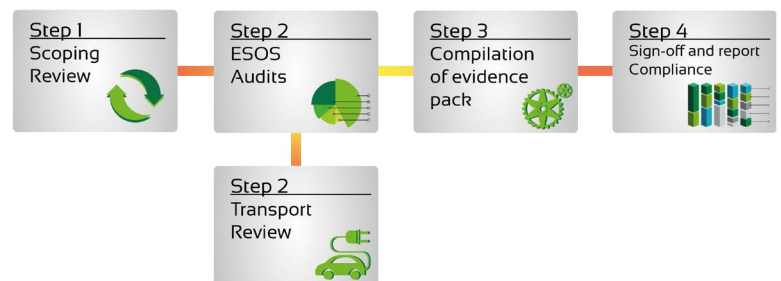
- All areas of significant energy consumption (making up over 90% of total energy).
- Minimum of 12 months of energy consumption data.
- Cost-effective recommendations for the area being assessed, or confirm that there is no scope for cost-effective energy efficiency improvements.
- Assessments must include a minimum of one site visit. Organisations with a number of similar sites can take a proportionate approach, applying recommendations across all sites, provided the energy consumption for all is covered in the Assessment.

There is no prescribed methodology for these audits, as long as the Cotopaxi Lead Energy Assessor is satisfied that it will meet the requirements of ESOS. Proportionate approach, applying recommendations across all sites.

## How can ESOS help your business?

1. Reduce energy consumption - estimations indicate that audits will lead to an average of 0.7% energy saving per enterprise.
2. Save costs - the net positive benefit of ESOS in UK is predicted to be between £0.8bn and £3bn, between 2015 and 2030.
3. Lower carbon emissions.

## Our ESOS Approach



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