



## We know EU ETS;

BSI...

- Has the most highly trained and knowledgeable assessors
- Offers the widest range of support solutions in the market place
- Verified approximately 150 million tonnes of CO<sub>2</sub> during Phase III
- Has an unrivalled International reputation for excellence

# European Union Emissions Trading Scheme (EU ETS) Verification

Get your EU ETS reports verified by the experts

**bsi.**

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**bsi.**

...making excellence a habit.™

## European Union Emissions Trading Scheme (EU ETS)

"We have used BSI's EU ETS and CCA verification services since 2004. We have found them to be very thorough in their approach and their staff to be highly experienced with a comprehensive understanding of our industry. They have also been very competitive with their pricing and deliver on time. Overall we are very satisfied with the services that BSI are providing."

CEMEX



Since its introduction in 2005 it has been a mandatory requirement for companies who fall under EU ETS to report and independently verify annual emissions. We are now in Phase III which runs from January 2013 until December 2020.

Phase III of EU ETS will incorporate a centralized EU-wide allocation of

allowances with a yearly linear decrease of the emissions cap of 1.74% per year, even beyond 2020. It has been extended to cover new industries including aluminium and part of the chemical industry, and includes two new gases; nitrous oxide and perfluorocarbons. Phase III sees auctioning progressively replace free allocation of emissions allowances.

Since 2009 aviation has also been included in EU ETS. In line with other industries, aviation operators are required to monitor their CO<sub>2</sub> emissions and submit a verified report annually by 31st March the following year.

### How BSI can help

BSI's comprehensive verification services can assure you that your organization meets its mandatory EU ETS reporting requirements. Accurate verification helps limit your risk of fines and gives assurance to stakeholders that data is accurate. BSI's approach will also help you to identify opportunities for energy consumption savings and process improvement, whilst demonstrating the objectively assessed measurements which key stakeholders are demanding.

### Why choose BSI?

- We are market leaders and have provided independent verification since the scheme started
- During Phase III we verified approximately 150 million tonnes of CO<sub>2</sub>
- Our clients represent all sectors and cover both process and combustion emissions
- We have experience of providing EU ETS verification services to small, large and complex clients, including multinationals, including some of the UK's largest emitters

- With a large team of UKAS approved verifiers and technical managers, we appoint dedicated lead verifiers who understand your industry and have the knowledge to support your organization
- As a member of the UK Emissions Trading Group, we have access to key information as it is released. This allows us to adapt quickly to any changes and to the needs of our clients
- Our verification process is fully compliant with EA 603 and UKAS requirements

### Entropy™ Software

BSI can help you meet your mandatory reporting requirements and drive efficiencies in the collection, management and sharing of your annual emissions data. The performance module contained within Entropy™ Software enables you to:

- Set corporate objectives
- Establish targets corporate-wide and at a business unit and site level
- Collect data elements

- Create KPI's and metrics
  - Link targets to established metrics
  - Track performance
  - Export data for verification purposes
- Used globally, by companies of all sizes, Entropy™ Software provides a number of powerful features that drive continual business improvement throughout your organization. Additional modules available in Entropy™ Software include:
- **Compliance management** module
  - **Knowledge management** module
  - **Risk management** module
  - **Incident management** module
  - **Performance management** module
- Our Business Improvement Software-powered by Entropy provides a number of benefits to organizations that reduces operational and administrative time and cost, provides visibility of critical information and promotes greater communication and collaboration.

To Learn more visit: [bsi-entropy.com](http://bsi-entropy.com)

### Verification Strategy – an overview

The verification will be designed to meet your requirements.

A typical verification is split into a number of stages that can occur separately or concurrently. Splitting the verification process ensures early identification of any issues and allows sufficient time for their closure in advance of the submission of the final emissions and/or tonne/km report.

#### Stage 1

##### Strategic review

- Confirm scope of verifications to include any changes and impact of changes
- Confirm appropriate identification of emissions sources and source streams
- Review monitoring and reporting plans
- Identify any opportunities for improvement and report findings
- Agree verification plan for the delivery of the remaining verification

#### Stage 3

##### Final data verification

- Finalise data verification activities in accordance with sampling plan, including use of emission factors
- Close out any outstanding actions
- Verify final submitted annual emissions report
- Complete the verification process
- Preparation of the verification report and verification opinion

#### Stage 2

##### Compliance with monitoring & reporting plans, interim data verification

- Review monitoring and reporting plans, including compliance with regulatory requirements
- Review procedures for data collection and the data control system
- Assess the effectiveness of the control system
- Interim data verification – verify available data in accordance with agreed sampling plan (repeat at agreed intervals throughout the reporting year as necessary)
- Identify opportunities for improvement – report findings

#### Stage 4

##### Mandatory technical review

- Independent review of the verification opinion and other verification documents by a BSI lead verifier independent of the verification process
- On completion of the technical review a signed verification report is provided
- Where not already addressed this will include improvements identified throughout the verification process

### Your Verification Resource

We have an extensive in-house team of dedicated lead verifiers. By using in-house resource we are not dependant on availability of subcontractors and can offer you continuity and consistency in the delivery of your verification. Our verifiers are subject to witnessed assessment by the United Kingdom Accreditation Service (UKAS) as part of the lead verifier qualification process and during routine surveillance assessments.

You will be allocated an account manager who will coordinate the delivery of services to you. Additionally you will be assigned a dedicated lead verifier to oversee the execution of all verification services. They will liaise directly with you to customize a verification schedule to meet your needs whilst ensuring compliance within the verification requirements.