Environmental and Emissions Monitoring System (EEMS)

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EEMS is the UK Environmental and Emissions Monitoring System for the Department of Energy and Climate Change (DECC). The system captures greenhouse gas data direct from oil companies into one central repository.

Greater integration across the industry

Developed by Fivium and managed by Collabro, EEMS allows the UK Government and Oil and Gas industry to monitor CO2 emissions to help meet environmental targets.

The system provides measured and calculated emissions data which allows reporting and greater transparency from one centralised system.

Meeting Kyoto emission targets

EEMS is a key contribution to the UK Oil and Gas industry's commitment to a cleaner and safer North Sea environment. Through greatly improved quality, usability and tracking of environmental reporting, EEMS helps the industry manage and monitor greenhouse gas obligations under the Kyoto Protocol on climate change.

EEMS is used by all major oil companies operating in the UK, including ExxonMobil, Shell and BP. Over 40 oil companies now use EEMS with over 3200 returns submitted each year.

EEMS allows you to:

- View operator measured and calculated emissions data.
- Use simple and advanced searches to find a return.
- View outstanding returns.
- Control oil company amendments to submitted returns.
- Extract information with ease - either raw or summarised data.

EEMS has the following benefits:

- One centralised system for all environmental return submissions in the UK.
- One comprehensive helpdesk for all management and system requests.
- Easily adaptable - new business processes and regulations can be quickly implemented.
- Greater efficiency - over 3200 returns are submitted each year.
- Reduction in the environmental impact with paper consumption cut significantly.
- Provides a streamlined interface that allows greater flexibility to respond to government legislation changes.
- Automatic data interface exchange between the portal and the industry.
- Greater integration and ease of use across the industry.
- Greater flexibility, control and scalability - adapting to increased demands.
  The system has over 40 oil companies and over 400 users.

Fact Sheet

eems

> “EEMS is a key contribution to the UK Oil and Gas industry’s commitment to a cleaner and safer North Sea environment.”

EEMS has the following features:

- Automated interface - allowing returns to be submitted automatically using industry standard web services.
- Data integrity - comprehensive user interface and validation enables consistent and correct data entry.
- Web-based - users can access information from any location 24/7.
- Highly granular access control - role based controls to ensure data and transactions can only be accessed by authorized users.
- One comprehensive helpdesk.
- One single consolidated database - information is easily accessed and analysed online.
- Security accredited to UK Government Restricted Level.
- No ‘client’ software to install - this ensures minimum disruption to your business.
- Tracking of reports - alerts reports that are due and overdue.
- Management information reports - including non-conformance reports and alerts.
- Simple intuitive user interface - so you’re up and running with minimal or no training.
- Extensive auditing - includes time stamp tracking and full transactional auditing at each stage.
- Comprehensive general help facilities - includes context sensitive help.
- Standards based - uses industry standards and interface mechanisms e.g. XML and Web Services.
- Flexible implementation options - including cloud computing and virtualisation services.
- Designed to handle legislation changes easily.

To find out more about EEMS contact Fivium at eems@fivium.co.uk or Collabro at eems@collabro.co.uk

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