

Effective ISO 14064 validation and verification



What is ISO 14064?

ISO 14064 is a voluntary international standard against which organisations can prepare their greenhouse gas (GHG) inventories, assertions and reports for independent validation or verification. ISO 14064 can be used in its own right or in conjunction with regulated or mandatory GHG programmes, such as EU ETS.

The standard consists of three parts:

- Part one for organisational GHG emissions quantification and reporting.
- Part two for GHG reduction or removal enhancement project monitoring, and reporting.
- Part three for the principles, requirements and guidance for those conducting GHG information validation and verification.

“LRQA assessors have a good understanding of our business. This is very important because it significantly reduces the amount of time and resources that we have to commit.”

Jamie MacKinnon
Carbon Management Unit Manager, Repsol

Why is ISO 14064 verification important?

ISO 14064 helps you develop robust, reproducible mechanisms for quantifying, monitoring and reporting your GHG emissions.

Organisations can compare themselves with their peers in terms of GHG performance, potentially leveraging results into a competitive advantage. LRQA's ISO 14064 validation and verification services assure the integrity of your management systems and processes that generate your GHG emission data.

Benefits include:

- Verification against ISO 14064, part one, will establish the integrity of your systems and processes to ensure that your GHG inventory, assertion or report conforms to the requirements of the standard and are 'free' of errors, omissions or misstatements.
- Validation against ISO 14064, part two, will establish the integrity of your project baseline, design plan and all supporting assumptions and documentation to ensure that it will realise the projected GHG reductions.
- Verification against ISO 14064, part two, will prove that a project has met the projected GHG reductions following its implementation.

ISO 14064 validation and verification benefits

Our understanding of the complexities of ISO 14064 allows us to deliver tangible benefits to our clients through a structured project management approach.

Our staged approach ensures your validation or verification is cost-effective with minimal disruption and completed within critical timelines.

We know that good communication is pivotal in delivering transparency through every step of the ISO 14064 process. We work with our clients and governing organisations and set clear expectations to all parties on deliverables.

Competitive advantage

We are a market leader in the provision of climate change services, and some of the world's best known organisations choose LRQA for their assessment and sustainability services. For responsible companies wanting to demonstrate your climate change and sustainability credentials, this presents an opportunity to enhance your corporate reputation, manage risks, improve performance and gain competitive advantage.

Credibility

Our services enable you to enhance the consistency and transparency of your GHG quantification, monitoring and reporting and build brand reputation.

Continual improvement

Develop robust internal mechanisms for quantifying and reporting GHG emissions thereby helping to drive efficiencies and reduce costs.

About us

LRQA is a member of the Lloyd's Register group. The Lloyd's Register group provides independent assurance to companies operating high-risk capital intensive assets to enhance the safety of life, property, and the environment, so helping its clients ensure safe, responsible, and sustainable operations.

LRQA is a leading independent provider of assurance services including assessment, certification, validation, verification and training across a broad spectrum of standards and schemes. We are recognised by over 50 accreditation bodies and deliver our services to clients in more than 120 countries. Applying our unique assessment methodology – Business Assurance – LRQA turns assessment into a powerful management tool.

Our expertise

Technical expertise

The technical know-how and project management expertise of our globally renowned, experienced and highly trained climate change and sustainability experts ensures that we can adapt our assurance services to your business needs. We bring international expertise and deep insight backed with first class project management and communication skills.

Acting with integrity

With no shareholders of our own, we are independent and impartial in everything we do. We are committed to acting with integrity and objectivity at all times.

Thought leadership

Our experts are recognised voices in the industry and regularly participate in the technical committees that improve and develop standards.

These include the International Standards Organisation (ISO), International Emissions Trading Association (IETA), World Resources Institute (WRI), World Business Council for Sustainable Development (WBCSD) and the Emissions Trading Group (ETG). We were also responsible for authoring the Voluntary Carbon Standard (VCS) and we are a founding member and Vice President of the Designated Operational Entities and Independent Entities Association (DIA). LRQA is also a verification partner of CDP. LRQA is a board member of IETA, a member of the IETA-led Business Partnership for Market Readiness and is also a member of the International Civil Aviation Organisation Committee on Aviation Environmental Protection (CAEP) Global Market-Based Measure Technical Task Force (GMTF).

Our climate change and sustainability services

In the climate change and sustainability arena, LRQA's services include certification, validation, verification and training across a broad spectrum of regional, national and international schemes. In addition to ISO 14064, our services include the Clean Development Mechanism (CDM), Joint Implementation (JI), the EU Emissions Trading Scheme (EU ETS), EU ETS Aviation, Sustainability Reporting with the GRI Guidelines, ISO 50001 (International Energy Management) and ISO 14001 (Environmental Management).

Gap analysis

Ensures that your management system meets the requirements of the standard, scheme or set of assessment criteria.

Validation

Assures your project design data and documentation. Our validation opinion statement confirms you are capable of delivering greenhouse gas removals or emission reductions against the agreed set of criteria.

Verification

Assures your reported climate change data and information to confirm that they are true, fair and reliable and supported by effective management systems.

Certification

For ISO 14001 and ISO 50001, once we carry out a successful assessment and technical approval is given, we award you a certificate. Certification provides credibility for your stakeholders through the globally recognised LRQA brand.

Training

Ensures that you are kept up-to-date with the latest developments in the climate change arena. We provide practical client training courses worldwide and offer both public and in-company events including customised training solutions.

Business Assurance from LRQA helps you manage your systems and risks to improve and protect the current and future performance of your organisation.

To find out more about how LRQA can help you with your climate change and sustainability requirements, please visit us at www.lrqa.com or contact us at enquiries@lrqa.com

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