



ISO 14064 ORGANIZATION CARBON FOOTPRINT

Extreme weathers such as flooding, landslip, storm, drought, heat wave and hurricane are affecting around the world. People generally recognize that are closely linked with global warming. With increasingly concern on climate change, most organizations are figuring out the best practice on reducing greenhouse gas (**GHG**) emissions by putting it as part of their corporate sustainable commitments.

WHAT IS "ORGANIZATION CARBON FOOTPRINT"?

"Organization Carbon footprint" refers to the greenhouse gas emissions (**GHG**) in terms of carbon dioxide equivalent (CO₂e) generated through organization.

With international commission to reduce **GHG** emissions, every nation around the globe has determined their own reduction target and strategy. To cope with international requirement as well as helping the environment, Governments and Industrial sectors are facing one of the most challenging obstacles ahead.

SGS is providing a whole set of total solutions to meet your sustainability strategy and reduction goals. On top of all sustainability goals, quantification and verification of **GHG** inventory of an organization becomes one of the most important aspects in sustainable business development.

SGS

ACTIVELY RESPONSE TO CLIMATE CHANGE - EMBRACE LOW CARBON TREND WITH ISO 14064-1:2006 – INTERNATIONAL STANDARD FOR GREENHOUSE GAS EMISSIONS AND REMOVALS QUANTIFICATION AND REPORTING AT ORGANIZATIONAL LEVEL

In order to determine the greenhouse gas inventory (emissions and removal) at organization level, ISO 14064-1 defines the specific requirements and principles to unify the GHG inventory used by organizations among the globe. ISO 14064 is currently the most widely used and recognized standard in this specific aspect. Furthermore, the standard contains requirements and guidance on inventory quality management, reporting, internal audit, organization's responsibilities in verification, etc.

THE INITIAL STEP FOR RISK MANAGEMENT

With the modern management theme of "environmental management for social responsibility", GHG presents a broad range of business risks form. A suitable GHG management - ISO14064-1 could actively help companies managing various risks and to against the unforeseen climate change issues.

RISK FROM OPERATING COST

- The rise of energy price increases operation costs.

RISK FROM PRODUCT MARKET

- To align with global environmental requirements on carbon footprint emissions and reductions
- Customers are aware of low carbon products.

RISK FROM LEGISLATION AND POLICY

- Global consultation on carbon levy.
- Carbon emission quota system is to be applied on future environmental policy.

RISK FROM SOCIAL RESPONSIBILITY

- Corporate carbon footprint data is required to be disclosed in their sustainability report.



ALONG WITH SGS

With the leading position in inspection, verification, testing and certification, SGS is recongized as the global benchmark for quality and integrity. The ISO 14064-1 Verification Service covers various industries, such as electronics, chemistry, food, paper, building materials, real estate, hotel.

SGS's professional teams aim to provide sustainable growth solutions which help companies to improve energy efficiency, reduce greenhouse gas emissions, control environmental risk and enhance competitiveness.

SGS ISO14064-1 VERIFICATION MARK



An electronic version of **SGS** ISO14064-1 verification mark will be issued along with the SGS ISO14064-1 verification statement.

The mark can be widely used in posters, videos, business cards in accordance with our mark usage guideline.

- Verification mark is a visual identification of **SGS**'s quality commitment and it is globally recognized.
- Verification mark could further engaged with global market on environmental policy.

RELATED SERVICES

Have a look on our other brochures:

- ISO 50001
- ECO-DESIGN
- RECYCLING PROCESS REVIEW
- PRODUCT CARBON FOOTPRINT

CONTACTS

HONG KONG

t +852 2334 4481
e hk.ecs.enquiry@sgs.com

SHENZHEN

t +86 (0) 755 8637 5453
e ecs.china@sgs.com

SHANGHAI

t +86 (0) 21 6107 2980
e ecs.china@sgs.com

BEIJING

t +86 (0) 21 6107 2980
e ecs.china@sgs.com

WWW.HK.SGS.COM/ECS



WHEN YOU NEED TO BE SURE