



Inventory Verification

Providing verification of energy, GHG, water and waste inventories

Stakeholders increasingly expect organizations to improve transparency, completeness and accuracy of publicly reported sustainability processes and indicators. Independent third party inventory verification builds credibility and provides organizational confidence to sustainability management processes and data. Verification is critical for external reporting programs such as CDP, and a verified inventory forms the basis from which to set targets and track performance.

With a balance of technical expertise and experience across sectors, WSP is positioned to deliver inventory verification services to provide confidence in the accuracy of publicly disclosed indicators.

Our services

WSP's independent third party inventory verification services include:

- **Greenhouse gas (GHG) inventory verification:** Validation and verification of Scope 1, 2 and 3 GHG assertions in accordance with ISO 14064-3 - *Greenhouse Gases-Specification with Guidance for the Validation and Verification of Greenhouse Gas Assertions*.
- **Water and waste inventory verification:** Validation and verification of water and waste assertions, based on verification principles adapted from ISO 14064-3 for GHG verification.
- **Reduction project verification:** Validation and verification of energy and GHG emission reduction project assertions conforming to ISO 14064-3 and using guidance from the International Performance Measurement & Verification Protocol.
- **Sustainability reporting verification:** Verification of sustainability indicators and reporting using the AA1000 Assurance Standard.

WSP is positioned to address issues across the evolving sustainability landscape. Our independent third party inventory verification services are complemented by technical capability in inventory management, product sustainability and life cycle assessment (LCA), energy and water strategy and management, green power procurement, public reporting and disclosure, climate resiliency and adaptation planning, and sustainable supply chain.

Our experience

ASSISTED NUMEROUS CLIENTS WITH GHG VERIFICATIONS

WSP's work included organization-wide Scope 1, Scope 2 and selected Scope 3 GHG emission assertions in accordance with the requirements of ISO 14064-3 and CDP requirements for external verification. We have provided these services for over 20 clients across many industries, including technology, financial, consumer products, chemical and manufacturing.

PERFORMED LIMITED VERIFICATION OF GHG EMISSIONS FOR A LEADING CHEMICAL MANUFACTURER

The team performed verifications of organization-wide Scope 1, Scope 2 and Scope 3 GHG emissions from business travel, and fuel and energy related activities in accordance with the requirements of ISO 14064-3. All WSP verifications satisfied CDP requirements for external verification verifications.

COMPLETED LIMITED VERIFICATION OF GHG, WATER AND WASTE DATA FOR A LEADING INFORMATION TECHNOLOGY CONGLOMERATE

WSP was responsible for verifications of organization-wide Scope 1, Scope 2 and Scope 3 GHG emissions from business travel in accordance with, and adapted from, ISO 14064-3 requirements. Our verifications have also included organizational totals for water withdrawals, waste generation, energy and GHG emissions reductions achieved across the company's supply chain.

CONDUCTED GHG INVENTORY AND REPORTING OF LIMITED VERIFICATION FOR AN INTERNATIONAL DEVELOPMENT BANK

These verifications included organization-wide Scope 1, Scope 2 and Scope 3 GHG emissions from business travel in accordance with the requirements of ISO 14064-3. WSP also provided limited verification of components of the bank's sustainability report in accordance with the GRI's G4 sustainability reporting guidelines.

PERFORMED LIMITED VERIFICATION OF GHG INVENTORY AND REPORTING FOR A MULTINATIONAL UTILITY

The WSP team verified several key emission sources such as power generation, transmission & distribution losses and methane leakage from gas distribution, along with the underlying reporting systems, in accordance with the requirements of ISO 14064-3 and using guidance from AA1000AS.

About WSP USA

WSP USA is the U.S. operating company of one of the world's leading engineering and professional services firms—WSP. Dedicated to serving local communities, we are engineers, planners, technical experts, strategic advisors and construction management professionals. WSP USA designs lasting solutions in the buildings, transportation, energy, water and environment sectors. With more than 7,000 people in 100 offices across the U.S., we partner with our clients to help communities prosper.

WSP's multidisciplinary sustainability, energy and climate change team has been providing related services for two decades. We support clients across sectors by providing strategy and planning, as well as operational and technical expertise. We are passionate about contributing to our clients' successes through our depth of expertise, collaborative approach and unique perspective on the market.



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For more information on inventory verification, or our sustainability, energy and climate change services, please contact:

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