



Inventory Management

Quantifying environmental indicators for reporting and performance management

Organizations are facing increased pressure from internal and external stakeholders to address climate change, water risks and waste generation. Comprehensive environmental inventories, including organization-level energy, greenhouse gas (GHG), water and waste, are fundamental to understanding and improving performance and managing a robust sustainability program.

With a balance of strategic and technical expertise, and experience across sectors, WSP provides a unique perspective on critical areas to address, effective inventory structure and prioritization of efforts to achieve the greatest benefit.

Our services

WSP's reporting and disclosure services include:

- **Program design:** Designing and implementing comprehensive energy, water and waste inventories, relying on leading best-practice methodologies.
- **Data management:** Collecting environmental data, performing quality assurance and resolving issues and gaps.
- **Software:** Developing and implementing customized quantification tools or supporting selection and implementation of third-party tools.
- **Documentation:** Developing Inventory Management Plans (IMPs) to assist clients in maintaining and updating inventories.
- **Verification:** Facilitating third-party inventory verification by providing data and documentation.

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

Our experience

DEVELOPING INVENTORIES AND MANAGING REPORTING FOR A FINANCIAL SERVICES CLIENT

This work focuses on 13 sustainability and environmental key performance indicators, including GHG emissions (Scope 1, 2, and 3), renewable electricity, waste generation and water use. The WSP team is collaborating with more than 75 internal and external stakeholders to collect data and confirm accuracy; support third-party assurance of all indicators; and provide guidance in setting and achieving sustainability targets.

INSTITUTING GHG AND WATER INVENTORY PROCESSES FOR A TECHNOLOGY CLIENT

As part of this effort, WSP is calculating a complete corporate (Scope 1 and Scope 2) and value chain (Scope 3) GHG inventory; evaluating energy efficiency, and renewable energy and water reduction opportunities; developing a science-based GHG target and corporate water strategy; and assessing climate and water risks and opportunities throughout the supply chain.

LEADING GHG INVENTORY AND EMISSIONS REPORTING FOR AN AEROSPACE AND DEFENSE CLIENT

We are developing and maintaining an inventory management system that aggregates annual inventory data, calculates GHG emissions and generates summary graphics. The system enables WSP to assist our client in complying with GHG reporting requirements, including ISO 14001 and U.S. Executive Orders targeting efficient federal operations and suppliers, and identifying, evaluating and implementing GHG reduction opportunities.

DESIGNED AND DEVELOPED GHG INVENTORY AND EMISSIONS REDUCTION STRATEGY FOR AN INSURANCE CLIENT

Our work involved performing peer benchmarking, recommending a market positioning strategy and drafting a mission and vision statement, in addition to developing a GHG inventory and IMP for company operations. WSP's inventory and plan informed building energy assessments at offices and data centers, helped identify operational energy and GHG reduction opportunities, and quantified the associated capital costs, energy and GHG savings, and return on investment.

ESTABLISHED A GHG REDUCTION TARGET ALIGNED WITH THE SCIENCE-BASED TARGETS INITIATIVE FOR AN APPAREL AND FOOTWEAR CLIENT

WSP quantified value chain (Scope 3) GHG emissions, modeled future emissions, recommended appropriate targets, and advised on target submission and target communications once approved.

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.

Our 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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