

EHS MANAGEMENT

Sustainability Program

Implementation and Management

Founded in 1974, Trinity Consultants helps organizations overcome complex, mission-critical challenges in EHS, engineering, and science through expertise in consulting, technology, training, and staffing. We support clients in geographies worldwide and across a broad range of sectors including industrial, energy, manufacturing, mining, life sciences, and commercial/institutional.

Any sustainability program or initiative implementation requires measurement and verification of the related data. What and how you measure is determined during your strategy development and by what is important to your stakeholders. Trinity supports many types of programs.

GHG Emissions and Carbon Reduction Management

As a recognized industry leader in air quality and climate change issues, we have a deep appreciation for the importance of developing an accurate and technically defensible emissions inventory when permitting large capital projects, complying with regulatory reporting requirements, buying/selling/forecasting cap-and-trade allowances, publicly committing to emissions reduction goals, and preparing for independent third-party verifications.

This expertise makes Trinity uniquely qualified to support our clients with quantifying corporate greenhouse gas (GHG) footprints.



Due to the growing support for decarbonization, Trinity has assisted clients in various industrial sectors with the following activities to enhance their climate-related disclosures:

- ▶ Evaluating (comparing/contrasting) various voluntary disclosure protocols
- ▶ Collecting and managing company metrics related to Scope 1, 2, and 3 GHG emissions
- ▶ Benchmarking company performance against industry peers
- ▶ Identifying risks and opportunities associated with climate change
- ▶ Assessing carbon reduction strategies
- ▶ Developing GHG reduction goals (including development of science-based and net-zero targets) and long-range climate strategies

Trinity provides exceptional value to these projects by leveraging our deep understanding of industrial processes and associated emissions, along with strategic consultation, across all US industry sectors.

Non-GHG Air Quality Management

Many of the global reporting harmonization standards used to evaluate sustainability require the assessment of more gases than just GHGs.

Most organizations in the affected sectors must provide an annual accounting of these emissions from their stationary industrial sources under existing state or federal regulatory requirements.

Trinity can support organizations with all aspects of the air quality disclosure needed by the applicable standard.

Energy Management

For energy-intensive business sectors, developing a sound and comprehensive energy management program is a material aspect toward achieving reduction goals in GHG emissions and overall carbon footprint.

Development of any energy management strategy relies heavily on a good understanding of energy sources, uses, and intensity. Determination of usage baselines, conducting benchmarking, evaluating the energy mix, and identifying energy conservation opportunities are typical first steps of the energy management process.



Trinity's energy experts assist companies with these energy management aspects:

- ▶ Crafting an energy management strategy tied to GHG or pollutant-specific reduction goals
- ▶ Establishing energy usage baselines and conduct peer benchmarking
- ▶ Conducting energy audits
- ▶ Configuring an Energy Management Program and developing KPI's and metrics to track adherence to emissions reductions goals

Water and Wastewater Management

Similar to energy management, water usage and wastewater generation aspects deal with intensity and efficiency. Wastewater generation and management also plays an important role in sustainability programs.

Trinity helps companies with preparation of an overall water and wastewater management strategy as well as wastewater and water appropriation permits.

Waste and Hazardous Materials Management

Waste management, reporting, source reduction, recycling, and reuse are all material elements to ESG metrics. Companies must be able to document and demonstrate proper waste storage, treatment, handling, and disposal practices. Use, storage, and handling of hazardous materials is governed by myriad regulatory entities.

Trinity helps clients with various aspects of solid waste and hazardous materials management:

- ▶ Solid and hazardous waste inventories and reporting
- ▶ Solid and hazardous waste generator and TSD audits
- ▶ Hazardous materials management plans
- ▶ SARA/CERCLA reporting
- ▶ CFATS assessments, security plans, and management practices

Life Cycle Analysis and Product Carbon Footprint

Life Cycle Assessments (LCAs) are emerging as an avenue for companies to quantify and understand the environmental impacts associated with the manufacture of a product, i.e. the product's carbon footprint.

Trinity helps clients conduct and respond to LCAs as follows:

- ▶ Defining the appropriate scope of the assessment
- ▶ Identifying appropriate environmental metrics
- ▶ Using leading software tools such as GaBi and Simapro to conduct the assessment.
- ▶ Effectively present the results of these assessments to corporate stakeholders

Trinity Can Help

Whatever your challenge, Trinity has the experience and insights to provide intelligent solutions to optimize your climate change and sustainability programs. Our knowledge and expertise across a wide range of related issues make us an excellent partner for addressing your climate change program needs.

For more information about how Trinity can help your organization with ESG or sustainability programs, please contact our team:

EHS Performance & Risk Management

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