



SAS® for Sustainability Management

Predict and respond to environmental, social and economic risks and opportunities

What does SAS® for Sustainability Management do?

Use SAS for Sustainability Management to measure, manage and report on environmental, social and economic indicators, calculate carbon footprint, determine causes and costs, measure performance of sustainability initiatives, improve transparency and compliance and evaluate alternative scenarios to identify actions that have the greatest impact on achieving your objectives.

Why is SAS® for Sustainability Management important?

Effectively managing sustainable strategies leads to higher customer retention, reduced operational risks, improved profits and competitive differentiation, but requires consistent and consolidated data from across your enterprise and the ability to predict where your organization is headed. With SAS, you can reduce the manual effort required to get a regional or global view of sustainable performance and redirect those resources on analyzing results and identifying opportunities for improvement to prioritize your sustainable investments wisely.

For whom is SAS® for Sustainability Management designed?

This solution is intended for organizations in all industry sectors who want to improve sustainable performance while also reducing risk and cost. Multiple users within an organization can use the solution, from the head of operations to the corporate social responsibility team, the EHS manager and the greenhouse gas (GhG) analyst.

Your organization's progress in sustainability can have a positive impact on your reputation, energy efficiency, employee retention, customer satisfaction and bottom line (or profitability). But first, you must be aware of current performance and understand opportunities to improve. In regulated markets, this is no longer optional.

Today, data about sustainable performance, such as energy consumed in facilities, fleet fuel use, water consumption, GhG emissions, natural gas usage, etc., is disparately tracked in multiple operational systems or rudimentary accounting files. The increasing frequency of reporting exacerbates this pain. Volatile energy prices and consumer demand are putting pressure on organizations to optimize internal processes and their supply chain in order to reduce environmental impact. Often, organizations do not have the enterprise tools to gather and manage this important data and derive real value from improvement projects.

SAS for Sustainability Management allows an organization to efficiently capture and organize this information and derive real value by applying the power of advanced analytics: predictive modeling, forecasting and optimization. Secondly, it delivers consistent and reliable intelligence about ongoing performance that can be shared with internal and external stakeholders using a variety of standardized reporting templates, including the Global Reporting Initiative G3 framework.

Key benefits

Determine the top causes of carbon emissions, waste or water consumption. Go beyond simple footprint calculation. Using SAS, you can model your consumption of natural resources to understand the drivers of GhG emissions, waste or water in your activities, products and services.

Model alternative sustainability projects and quantify their effect on achieving corporate objectives. Understand correlations among key performance indicators to pinpoint areas for further analysis so you can identify the most relevant levers for change. By evaluating programs that minimize these activities, scenario modeling helps you fully understand the opportunities and liabilities of proposed sustainability projects, both individually and as a collective. And, it can be used to quantify the change in GhG emissions resulting from a proposed project.

Reduce manual data entry and improve data quality – the foundation of decision support. Automatically capture data from any source using flexible and robust data integration. Establish an integrated, consistent and reliable source of quality information to see a single version of the truth. Access easy-to-use business intelligence for detailed OLAP reporting and animated data visualization to plan improvement strategies, minimize risk exposure and measure results.

Support compliance functions with accurate and timely data. Account for carbon emissions using global standards and emissions coefficients for energy grids around the world. Integrate with carbon offset and



