

GHG Risk Management Services

Measuring, managing and minimizing your climate-change and GHG risk delivers real business benefits.

Are you confident you can keep pace with evolving climate-change legislative requirements and demands for corporate responsibility?

Climate change has a growing impact on businesses across the globe. Dealing with the regulations to control greenhouse gas (GHG) emissions, considered a key contributor to climate change, is a challenge. In the new carbon-constrained economic climate, a strategy based on trusted information and analysis enables your business to effectively manage the impacts of climate control and GHG regulations on your operations and your financial bottom line. Optimized Systems and Solutions (OSyS) has the services to instill confidence you can succeed in this environment.

Overcome uncertainty with a solid strategy

Increasingly, how to deal with climate change and GHG emissions has become a key driver in business investment decisions and operational planning. Uncertainty surrounding existing and upcoming climate-change legislation, carbon-trading programs and the identification of potential GHG-related assets or liabilities complicates effective decision-making.

OSyS delivers proven consulting, software implementation and integration services that enable you to develop and implement a successful GHG strategy. Built on more than a decade of expertise and experience in data management, along with in-depth understanding of the current and emerging regulations and carbon markets in the U.S., Europe and Middle East, and relationships with key players, our services provide the information needed to manage the impact of regulations and policies.

Early action provides benefits

OSyS' services help you understand the potential opportunities, along with the risks, of emerging governmental climate-change policies, enabling early action that delivers benefits. Significant cost savings can be realized if compliance measures you implemented early are



grandfathered into new cap-and-trade emissions trading programs at a lower cost. OSyS' data gathering and analysis provide improved knowledge of your carbon footprint, allowing you to identify operational efficiencies to be gained and manage asset changes effectively.

Benefits realized with OSyS GHG risk management services

- Effective strategy to manage climate change and GHG risks
- Clarification of your carbon footprint and associated risks
- Identification of operational efficiencies
- Ability to take optimal advantage of carbon markets opportunities
- Maximized purchasing value by identifying available offsets that meet various market requirements

GHG Risk Management Services

OSyS' GHG risk management services draw from our extensive experience in data management. They also leverage strong relationships we have developed with key players in the carbon markets, such as emissions traders, offset providers, hardware and software vendors and verification firms. We also apply insight we have gained from in-depth understanding of and experience with the European Union Emission Trading System, as well as with voluntary and mandatory compliance markets in the U.S. and the Middle East.

Our services have been proven through the implementation of software systems to account for GHG emissions inventories for major oil and gas companies. These projects used real-time data and environmental software solutions to calculate and report GHG emissions to ensure inventories met the verification standards required by the carbon markets.

OSyS' GHG risk management services include

- Identification of new regulatory risk surrounding global climate change policies and regulations
- Development of a corporate climate-change strategy that includes
 - *GHG accounting, reporting and management of change*
 - *GHG offset and credit tracking*
 - *Communication and marketing messaging for various stake holders and customers*
 - *Value-chain GHG footprint and life-cycle analysis*
 - *Identification of GHG offset opportunities for international carbon-trading purposes*

- Assessment and decision support
 - *Advisability of entering voluntary carbon markets*
 - *Positioning on participation in emissions trading schemes*
- Implementation of the strategy that specifically includes
 - *GHG protocol or accounting to establish footprint, baseline and inventory*
 - *Examination of ability to meet additional requirements for GHG reduction and offset opportunities*
- Integration of GHG inventory systems with real-time data-acquisition systems
- Development of web portal where key performance indicators and metrics are displayed

OSyS' GHG risk management process

- Align climate-change strategy within senior leadership
- Determine and verify emissions footprint
- Evaluate risks and opportunities
- Develop action plan
- Set goals and develop targets
- Assess options for financial mechanisms
- Engage the workforce
- Execute policy strategy
- Manage external communications

Gain a competitive edge with OSyS' GHG risk management services.