



Technical Assistance from Futurepast

Futurepast: Inc. serves organizations that are implementing and maintaining environmental management systems. Our greenhouse gas technical assistance helps organizations manage risks and opportunities related to climate change. Specific services include:

- greenhouse gas measurement and reporting
- inventory and baseline development
- project design and analysis
- project and system validation and verification.

The Challenge of Climate Change

Organizations increasingly are assessing climate change risks and opportunities. Three main categories of risk present new challenges to leaders of both private and public organizations. The first is financial losses from damages and remediation due to climate change. These are direct costs that organizations would have to pay if their facilities or other assets were damaged or dislocated by weather-related impacts or rising ocean levels.

The second kind of risk results from regulatory developments at the international, national and state levels and pressure from risk managers, investors or stakeholders and consumers to constrain carbon emissions.

A third risk is legal action from external parties who attempt to hold an organization's leaders accountable for management decisions related to environmental risks and liabilities.

The Opportunities

Organizations can both manage risk and position themselves for changing market conditions by understanding the carbon intensity of their activities and products and developing appropriate policies and management strategies.

One management response is to consider preventive and adaptive measures that will protect against direct risks from climate change. A second approach is the development of less carbon-intensive processes and products that improve economic efficiency and/or tap new markets. A third option is to bank or trade emissions reductions credits in anticipation of carbon-constrained regulatory environments.

An evaluation of an organization's current emissions baseline is essential for valuing greenhouse gas management investments and determining their return.

The Investment and Benefits

A small investment in developing a greenhouse gas inventory and implementing an organizationwide strategic response can provide long-term benefits. Managing greenhouse gas emissions can improve operational efficiency, reduce energy consumption, and increase market share. It can reduce risks, augment revenues, and enhance an organization's reputation.

Proactive Greenhouse Gas Management

Futurepast can assist organizations preparing greenhouse gas inventories to meet the requirements of the California Climate Action Registry. Our technical staff members have multidisciplinary backgrounds in environmental management, economics, law, and other disciplines.

Futurepast's president, John Shideler, serves as a US expert to ISO Technical Committee 207 Working Group 5, which is developing an international standard for greenhouse gas emissions measurement, reporting, and verification.