

Greenhouse Gas & Climate Change

With the issuance of the Greenhouse Gas (GHG) mandatory reporting rule and EPA's decision that NSR permitting is required for some new GHG sources, the tracking, recordkeeping, reporting, and permitting of GHG emissions is a now a reality for many companies. Zephyr is experienced in providing a host of services to help its clients meet these challenges including:



- Identifying and explaining client obligations under GHG regulatory programs
- Identifying direct emissions sources (i.e., fuel combustion, process gases usage and reaction byproducts)
- Identifying indirect emissions sources (i.e., electricity, steam and heat purchased)
- Developing data tracking systems
- Preparing voluntary or mandatory emissions inventories using World Resources Institute (WRI) protocols and International Panel on Climate Change (IPCC) methodologies for:
 - Corporate Environmental Performance or Sustainability Reports
 - Regional Greenhouse Gas Initiative (RGGI), The Climate Registry, and California Climate Action Registry (CCAR)
 - Government agencies, such as EPA and DOE
 - Industry associations, such as semiconductor and portland cement
 - American College & University Presidents' Climate Commitment
- Auditing of in-house GHG recordkeeping and inventories
- Preparing GHG Mandatory Reporting Rule (MRR) Monitoring and Compliance Plans
- Preparing climate change business plans
- Identifying Best Available Control Technology options for GHG emissions
- Preparing and submitting NSR permit applications for GHG sources

CREATE CLIMATE CHANGE BUSINESS PLANS (CCBP)

- Set realistic targets and timetables for GHG emissions reductions or increases
- Determine baseline GHG inventory or "carbon footprint"
- Project future emissions
- Evaluate participation in voluntary GHG emissions reduction and/or cap-and-trade programs
- Outline appropriate actions for anticipated mandatory programs, including:
 - Annual emissions reporting
 - Cap and trade programs
 - Renewal Portfolio Standards (RPS)
 - Emissions taxes
- Assess options for reducing emissions or increasing cap-and-trade credits
- Identify adaptations to changing weather, demographics, sea level, etc.
- Provide local, national and world-wide regulatory tracking service

Assisting clients worldwide with their EHS consulting, training, and data systems needs.

