

SBW Consulting, Inc. (SBW) fully understands the requirements of the California Climate Action Registry and can work with your organization to complete a greenhouse gases inventory that will meet certification requirements. If you are unsure what the sources of these gases are, and what can be done to reduce your emissions, we are prepared to explain the origins of the gases and the principles of emissions reductions to your staff. SBW has a proven track record in compiling greenhouse gas inventories. Our previous projects include:

- Technical analysis supporting the City of Seattle Government Operations inventories for 1990, 2000, and 2010 (projected) and part of the City-Wide 2000 and 2010 (projected) inventories.
- Published inventory of 1990 King County greenhouse gas emissions
- Technical assistance to 2000 King County government inventory.
- Assisted both large and small industries in Seattle in estimating greenhouse gas reductions from energy efficiency programs, including a municipal wastewater treatment plant, a steel foundry, a die-casting plant, a paint manufacturing and paint retailer, a galvanizing plant, and others.

Your organization may have recently taken measures such as energy efficiency retrofits, solid waste recycling or fuel switching which have reduced greenhouse gas emissions significantly. As a registry-approved Technical Assistant SBW can determine whether you have adequate historical data to demonstrate that these actions have indeed reduced your emissions. We can also support your efforts to develop cost-effective action plans for reducing your greenhouse gas emissions further. SBW has developed a wide range of plans for energy savings for commercial and industrial clients. Depending on client goals, these plans can focus on a single energy intensive end use, such as compressed air in industrial facilities, or an HVAC system in a commercial facility, or they can be comprehensive and deal with all major opportunities for reducing both on-site fossil fuel and electrical consumption. We are also well versed in all of the energy efficiency incentive programs available in California. With this knowledge we can help you craft a plan that reduces greenhouse gases, reduces your energy bills and provides you with financial incentives for implementing efficiency measures.

SBW's staff has many years of experience collecting, analyzing and reporting on energy use and fuel use in commercial, industrial and governmental organizations. These skills are central to the completion of a greenhouse gas inventory. Our experience organizing data is essential for the efficient management of an inventory.

SBW has worked for more than 12 years with governmental, commercial and industrial clients and understands how to efficiently communicate with the appropriate parties in each of these organizational environments. Some examples of our recent clients for energy efficiency analyses are:

- City of Seattle
- Pacific Gas and Electric Company
- Southern California Edison
- Bonneville Power Administration
- Many commercial and industrial firms in California, Oregon, Washington, Utah and New England states. Examples of industrial clients are Cement, steel rolling mill, glass bottle factory, lime plant, steel and brass foundries, heat-treating plants, bakeries, refrigerated storage, paper manufacture, wood manufacture, high-rise office buildings, groceries, convention hotels, refrigerated warehousing and schools.

SBW has worked on emission inventories that included both purchased and generated electricity. These can be difficult areas to analyze due to variety of fuels used to generate electricity, and due to the changes in fuel mixes at generating plants from season to season and year to year.

Our staff can work effectively with your organization to develop work plans that suit your needs and goals. The approach to data collection and analysis may depend upon whether your organization simply wishes to join the Registry, or whether it also wishes to make plans to reduce emissions and to demonstrate the reduction in the Registry. SBW has worked in more than a thousand commercial and industrial facilities in California analyzing energy use and energy costs and recommending energy efficiency measures. We are experienced with analyzing emissions reductions due to reductions in fossil fuel use whether that fuel is for heating, engines and machines, or transportation. We can help you estimate emissions reductions from previous projects and plan new projects to reduce emissions.