

# California Greenhouse Gas Mandatory Reporting and Verification Services



California's recently established mandatory GHG reporting program under Assembly Bill 32 (AB 32) covers refineries, cement plants, the electricity sector, cogeneration, hydrogen plants and general stationary combustion facilities. Mandatory third-party verification began with calendar year 2009 emissions.

## THE REGULATION

ENVIRON provides strategic and technical assistance in support of California's Regulation for the Mandatory Reporting of Greenhouse Gas Emissions. Our depth and experience with air emission inventory development and climate change issues provide a strong foundation for our services. ENVIRON is an accredited California Air Resources Board (ARB) Verification Body (ARB Executive Order H-13-014), holding the accreditation required by ARB to provide verification services of GHG emission inventories reported per the California Mandatory Reporting Rule. Our staff includes verifiers with sector accreditation for fuel and electricity transactions, oil and gas systems and process emissions.

California's Mandatory Reporting Regulation requires most or all facilities within specific industrial sectors (e.g., refinery and hydrogen production, cement and electricity transactions) to report their GHG emissions. The regulation also requires facilities with general stationary combustion sources to potentially report depending on the amount of carbon dioxide emissions. ENVIRON can assist facilities in developing their emission inventories and GHG emission inventory programs. Alternatively, ENVIRON can provide verification services on emissions reports as required by the regulation.

## Our Experience

ENVIRON's technical professionals have experience working with refineries, cement manufacturers, fuel suppliers, electricity generating facilities and a variety of facilities that have general stationary combustion sources, including but not limited to landfills, universities and manufacturing facilities. ENVIRON also has worked in a variety of

capacities to assist facilities in reporting emissions to regulatory agencies or voluntary GHG reporting schemes (e.g., The Climate Registry) and for cap and trade programs (e.g., South Coast Air Quality Management District's RECLAIM program).

ENVIRON's depth and variety of expertise provide the foundation and resources required to identify and meet the needs of California's Mandatory Reporting Regulation and has led Verdantix, an independent business research firm focused on climate change, to report that "ENVIRON's climate change consulting services combine an impressive balance of technical knowledge and commercial focus—a blend of capabilities that other firms aspire to achieve..." The extensive auditing experience of our technical professionals allows us to provide efficient and effective verification services.

## More about our services

Please contact our ARB-accredited lead verifiers:

### San Francisco

Steven Branoff, MSE  
sbranoff@environcorp.com, +1 415 796 1942

Douglas Daugherty, PhD, PE, CIH  
ddaugherty@environcorp.com, +1 415 796 1932

David Kim, PhD  
dkim@environcorp.com, +1 415 796 1940

### Irvine

Eric Lu, MS, CPP  
elu@environcorp.com, +1 949 798 9650

Jeffrey Forde, PE, BCEE  
jforde@environcorp.com, +1 949 798 3625