

Appendix A

Overview of GHG Programs

Name of program	Type of program	Focus (organization, project, facility)	Gases covered	Organizational project boundaries	Operational boundaries	Nature/purpose of program	Base year	Target	Verification
VOLUNTARY REPORTING PROGRAMS									
American College and University President's Climate Commitment (ACUPCC) http://www.presidentsclimatecommitment.org	Voluntary reduction program	Organization	Six Kyoto gases	May choose between equity share or control approaches	Scope 1 and 2 required. Scope 3 categories of faculty/staff/student commuting to campus, and business travel required. Other scope 3 sources optional	Foster GHG reductions in colleges and universities	Specific to each organization, recalculation consistent with <i>GHG Protocol Corporate Standard</i> required	Required to set reduction target within two years of joining the program	None required
California Climate Action Registry www.climateregistry.org	Voluntary registry	Organization (Projects possible in 2004)	Organizations report CO ₂ for first 3 years of participation, all six GHGs thereafter.	Equity share or control for California or United States operations	Scope 1 and 2 required, scope 3 to be decided	Baseline protection, public reporting, possible future targets	Specific to each organization, recalculation consistent with <i>GHG Protocol Corporate Standard</i> required	Encouraged but optional	Required through certified third party verifier
Energy Information Administration 1605B www.eia.doe.gov/oiaf/1605/1605b.html	Voluntary reporting program	Organization and project	Organizations have the option of reporting six Kyoto gases plus others	Equity share or control for worldwide operations	Scope 1 required, scope 2 and 3 optional	Public recognition, assistance measuring and recording reductions	Recommended 1987 to 1990	Required, specific to each organization or project	None required
Global Reporting Initiative www.globalreporting.org	Voluntary Reporting program	Organization	Six Kyoto gases	Determined according to GRI's Boundary Technical Protocol	Must identify and calculate all scope 1 and 2 and various scope 3 emissions.	Public recognition, comprehensive multi-indicator performance tracking, setting reduction targets	Year that organization joins program	Encouraged but not required	"External assurance" necessary to qualify for certain Application levels
ICLEI (Local Governments for Sustainability) http://www.iclei.org/	Voluntary reduction program	Organization	Six Kyoto gases	Control for local government or geographic operations	Scope 1 and 2 required, scope 3 optional	Assistance setting targets and achieving reductions for local governments	Required, specific to each local government	Required, specific to each local government	None required
Respect Europe Business Leaders Initiative on Climate Change http://www.respecteurope.com/start.aspx	Voluntary reduction program	Organization	Six Kyoto gases	Equity share or control for worldwide operations	Scope 1 and 2 required, scope 3 strongly encouraged	Achieve targets, public recognition, expert assistance	Specific to each organization, recalculation consistent with <i>GHG Protocol Corporate Standard</i> required	Mandatory, specific to each organization	Third party verifier
U.S. EPA Climate Leaders www.epa.gov/climateleaders	Voluntary reduction program	Organization	Six Kyoto gases	Equity share or control for US operations at a minimum	Scope 1 and 2 required, scope 3 optional	Public recognition, assistance setting targets and achieving reductions	Year that organization joins program, recalculation consistent with <i>GHG Protocol Corporate Standard</i> required	Required, specific to each organization	Optional, provides guidance and checklist of components that should be included if undertaken
World Wildlife Fund Climate Savers www.worldwildlife.org/climatesavers	Voluntary registry	Organization	CO ₂	Equity share or control for worldwide operations	Scope 1 and 2 required, scope 3 optional	Achieve targets, public recognition, expert assistance	Chosen year since 1990, specific to each organization, recalculation consistent with <i>GHG Protocol Corporate Standard</i> required	Required, specific to each organization	Third party verifier
World Economic Forum Global GHG Register www.weforum.org	Voluntary registry	Organization	Six Kyoto gases	Equity share or control for worldwide operations	Scope 1 and 2 required, scope 3 optional	Baseline protection, public reporting, targets encouraged but optional	Chosen year since 1990, specific to each organization, recalculation consistent with <i>GHG Protocol Corporate Standard</i> required	Encouraged but optional	Third party verifier or spot checks by the World Economic Forum
VOLUNTARY ALLOWANCE TRADING SCHEME									
Chicago Climate Exchange www.chicagoclimateexchange.com	Voluntary allowance trading scheme	Organization and project	Six Kyoto gases	Equity share	Direct combustion and process emission sources and indirect emissions optional.	Achieve annual targets through tradable allowance market	Average of 1998 through 2001	1% below its baseline in 2003, 2% below baseline in 2004, 3% below baseline in 2005 and 4% below baseline in 2006	Third party verifier

MANDATORY REPORTING PROGRAMS									
US Federal Executive Order 13514	Required GHG inventories by agency	Organizational	Six Kyoto gases	Operational Control	Scope 1 and 2, and selected scope 3 sources required	Emissions tracking, leadership, achieving reductions	Reduction targets for each scope set by agencies	Agency-specific	TBA
European GHG Emissions Allowance Trading Scheme http://ec.europa.eu/environment/index_en.htm	Mandatory allowance trading scheme	Facility	Six Kyoto gases	Facilities in selected sectors	Scope 1	Achieve annual caps through tradable allowance market, initial period from 2005 to 2007	Determined by member country for allowance allocation	Annual compliance with allocated and traded allowances, European committed to 8% overall reduction below 1990	Third party verifier
European Pollutant Emission Registry www.europa.eu.int/comm/environment/ippceper/index.htm	Mandatory registry for large industrial facilities	Facility	Six Kyoto gases as well as other pollutants	Facilities that fall under European Intergovernmental Panel on Climate Change directive	Scope 1 required	Permit individual industrial facilities	Not applicable	Not applicable	Local permitting authority
REGIONAL CAP and TRADE INITIATIVES									
Regional Greenhouse Gas Initiative (RGGI) http://www.rggi.org/home	Cap and trade scheme; mandatory for electric generating units in participating states	Facility	CO ₂	Facilities in selected sectors	Scope 1	Achieve annual caps through tradable allowance market	2009	10% CO ₂ reduction from baseline by 2018	Auditing by states
Midwestern Greenhouse Gas Reduction Accord (Midwestern Accord) ¹ http://www.midwesternaccord.org/	Cap and trade scheme; mandatory for capped entities within participating states	Facility	Six Kyoto gases	Facilities in selected sectors	Scope 1	Achieve annual caps through tradable allowance market	2005	20% reduction by 2020 and 80% reduction by 2050 below 2005 levels	Third party verifier
Western Climate Initiative (WCI) ¹ http://www.westernclimateinitiative.org/	Cap and trade scheme; mandatory for capped entities within participating states	Facility	Six Kyoto gases	Facilities in selected sectors	Scope 1	Achieve annual caps through tradable allowance market	2005	15% reduction from 2005 levels by 2020	Third party verifier

¹ Program plans for the MGGA and WCI are still under development. The material included regarding the MGGA and WCI is based upon program recommendations, and are not finalized at the time of writing. See www.midwesternaccord.org and www.westernclimateinitiative.org for more details.