

Terminology Services - Terminology and Acronyms Report

Term	Acronym	Vocabulary	Vocabulary Type	Preferred Term
Carbon dioxide equivalent		Student's Guide to Global Climate Change	Glossary and Key Word List	
Definition: A unit of measurement that can be used to compare the emissions of various greenhouse gases based on how long they stay in the atmosphere and how much heat they can trap. For example, over a period of 100 years, 1 pound of methane will trap as much heat as 21 pounds of carbon dioxide. Thus, 1 pound of methane is equal to 21 pounds of carbon dioxide equivalents.				
Carbon Dioxide Equivalent		Glossary of Climate Change Terms	Glossary and Key Word List	
Definition: A metric measure used to compare the emissions from various greenhouse gases based upon their global warming potential (GWP). Carbon dioxide equivalents are commonly expressed as "million metric tons of carbon dioxide equivalents (MMTCOEq)." The carbon dioxide equivalent for a gas is derived by multiplying the tons of the gas by the associated GWP. $MMTCOEq = (\text{million metric tons of a gas}) * (\text{GWP of the gas})$ See greenhouse gas, global warming potential, metric ton.				
Carbon Dioxide Equivalent	COe	Greening EPA Glossary	Glossary and Key Word List	
Definition: Emissions of greenhouse gases are typically expressed in a common metric so that their impacts can be directly compared, as some gases are more potent (i.e., have a higher global warming potential) than others. The international standard practice is to express greenhouse gases in carbon dioxide equivalents (CO ₂ e)				
Carbon Dioxide Equivalent		State and Local Climate and Energy Program Glossary of Terms	Glossary and Key Word List	
Definition: A metric measure used to compare the emissions from various greenhouse gases based upon their global warming potential (GWP). Carbon dioxide equivalents are commonly expressed as "million metric tons of carbon dioxide equivalents (MMTCO ₂ Eq)." The carbon dioxide equivalent for a gas is derived by multiplying the tons of the gas by the associated GWP.				

Search Criteria:

Search String: carbon dioxide equivalent
(Contains)

Include Acronyms: true

Include Terms: true

Only Return Terms With Definitions:true

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Term	Acronym	Vocabulary	Vocabulary Type	Preferred Term
Carbon dioxide equivalent	CO Eq.	Greenhouse Gas Emissions	Glossary and Key Word List	
Definition: A metric measure used to compare the emissions of the different greenhouse gases based upon their global warming potential (GWP). Greenhouse gas emissions in the United States are most commonly expressed as "teragrams of carbon dioxide equivalents" (Tg CO2 Eq.). Global warming potentials are used to convert greenhouse gases to carbon dioxide equivalents. See global warming potential, greenhouse gas.				
metric tons carbon dioxide equivalent	MTCO2E	Waste Reduction Model (WARM) Definitions and Acronyms	Glossary and Key Word List	
Carbon Dioxide Equivalent	CO2e	EPA EV-Regulatory Activities-Regulatory Quantities	Taxonomy	
Definition 1: Number of metric tons of CO2 emissions with the same global warming potential as one metric ton of another greenhouse gas, and is calculated using Equation A-1 of this subpart. [40 CFR 98.6 (CFR 2013)]				
Definition 2: Metric measure used to compare the emissions from various greenhouse gases based upon their global warming potential (GWP). Carbon dioxide equivalents are commonly expressed as "million metric tons of carbon dioxide equivalents (MMTCO2Eq)." The carbon dioxide equivalent for a gas is derived by multiplying the tons of the gas by the associated GWP. [State and Local Climate and Energy Glossary]				
Definition 3: A metric measure used to compare the emissions from various greenhouse gases based upon their global warming potential (GWP). Carbon dioxide equivalents are commonly expressed as "million metric tons of carbon dioxide equivalents (MMTCOEQ)." The carbon dioxide equivalent for a gas is derived by multiplying the tons of the gas by the associated GWP. MMTCOEQ = (million metric tons of a gas) * (GWP of the gas) See greenhouse gas, global warming potential, metric ton.[Glossary of Climate Change Terms]				

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