

PPT Acronyms and Definitions

350 the safe upper limit of CO₂ in the atmosphere. To preserve a livable planet we must reduce the amount of CO₂ from its current level of 400 parts per million to below 350ppm. 350.org

AB 32 CA Global Warming Solutions Act is a law requiring a reduction of greenhouse gas (GHG) emissions.

AB 805 County of San Diego: Transportation Agencies. Made changes to the governance and financing authority of the San Diego Association of Governments, the San Diego Metropolitan Transit System, and the North County Transit District.

Adaptation is the ability to adjust to, or minimize, the potential impacts of climate change or other environmental disturbances.

ARB Air Resources Board Agency in charge of setting air quality and air pollution standards for the state arb.ca.gov

Baseline Emissions is the amount of GHG emissions released in a designated year against which future changes in emissions levels are measured.

Business as Usual (BAU) is a scenario used for the projection of GHG emissions at a future date based on current technologies and regulatory requirements in absence of other reductions.

CalEnviroScreen Screening methodology used to help identify CA communities that are disproportionately burdened by multiple sources of pollution. Pursuant to SB 535.

CalSTA [California State Transportation Agency](https://california.state.gov)

CAP Climate Action Plan [US State Climate Action Plans](https://www.climateactionplans.org)

CAPT [Climate Action Plan for Transportation Infrastructure](https://www.climateactionplans.org) CalSTA adopted CAPTI in 2021, which details how the state recommends investing billions of discretionary transportation dollars annually to aggressively combat and adapt to climate change while supporting public health, safety and equity. CAPTI builds on executive orders targeted at reducing GHGe in transportation, which account for >40% of all emissions, to reach the state's ambitious climate goals.

CARB California Air Resources Board

CCA Community Choice Aggregation - state policy enables local government entities to offer clean, local energy at competitive rates while maintaining the existing electricity provider for transmission and distribution services.

CCE community choice energy – see CCA

CCS Carbon Capture and Storage/Sequestration - Capture of carbon dioxide (CO₂) at emission sources, transporting and then storing or burying it in a suitable deep, underground location.

CEQA California Environmental Quality Act is a state law requiring state and local agencies to assess the environmental impacts of a proposed private or public

EPA Environmental Protection Agency

Executive Order EO-S-3-05 by the Governor of California in 2005, established greenhouse gas emission reduction targets for California: by 2010, reduce GHG emissions to 2000 levels; by 2020, reduce GHG emissions to 1990 levels; by 2050, reduce GHG emissions to 80 percent below 1990 levels. In April of 2015 **EO B-30-15** added the target of 40% below 1990 levels by 2030. **EO B-55-18** Carbon neutrality by 2045. Signed on 9/10/18. [EO B-55-18](https://www.sos.ca.gov/press-releases/2018/09/10/20180910-01)

Fossil Fuel is a general term for combustible geologic deposits of carbon, including coal, oil, natural gas, oil shale, and tar sands. These fuels emit carbon dioxide into the atmosphere when burned.

GHG greenhouse gas; a gas in the atmosphere that absorbs and emits radiation within the thermal infrared range (heat).

GHGe greenhouse gas emissions

Greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface.

ICLEI Local Governments for Sustainability, founded in 1990 as the International Council for Local Environmental Initiatives

IPCC The United Nations Intergovernmental Panel on Climate Change [IPCC](https://www.ipcc.ch/)

IRA Inflation Reduction Act of 2022 - [US Dept of Energy](https://www.energy.gov/eere/energy-efficiency/inflation-reduction-act)

LCFS The [Low Carbon Fuel Standard](https://www.energy.ca.gov/programs-and-projects/low-carbon-fuel-standard) is designed to decrease the carbon intensity of California's transportation fuel pool and provide an increasing range of low-carbon and renewable alternatives, which reduce petroleum dependency and achieve air quality benefits.

LOSSAN [Los Angeles-San Diego-San Luis Obispo rail corridor](https://www.lossanrail.com/), 351 miles, is the second busiest intercity rail corridor in the nation

MPO Metropolitan Planning Organization (SANDAG is one) [Metropolitan Planning Organization \(MPO\)](https://www.sandag.org/) | [FTA](https://www.fta.gov/)

Methane An important [greenhouse gas](https://www.epa.gov/methane) with a [global warming potential](https://www.epa.gov/methane) of 34 compared to CO₂ (potential of 1) over a 100-year period, and 72 over a 20-year period. [Methane](https://www.epa.gov/methane) comprises 70-90% of [Natural Gas](https://www.epa.gov/natural-gas)

Mitigation is an action to either reduce the amount of GHGs being emitted into the atmosphere or remove previously emitted gases from the atmosphere.

MTS San Diego Metropolitan Transit System

MTS CAC MTS Community Advisory Committee. Formed to gather public opinions from stakeholder groups prior to ballot measure for 2020.

MTS EWG MTS Environmental and Environmental Justice Working Group. An

project they undertake or permit. If a proposed activity has the potential for a significant adverse environmental impact, an environmental impact report (EIR) must be prepared and certified as to its adequacy before action can be taken on the proposed project. [CEQA](#)

Climate Action Plan (CAP) are the measures and actions that a local government will take to reduce GHG emissions and achieve an emissions reduction target.

CO₂ carbon dioxide (CO₂) is a major greenhouse gas.

Co-benefit is an additional benefit as a result of GHG reduction measures. These include financial savings, improved air quality, increased health or safety, natural resource conservation, reduced energy use.

CPUC California Public Utilities Commission

CTC California Transportation Commission [California Transportation Commission](#)

EIR Environmental Impact Report. In an EIR, significant environmental impacts (also called effects) are identified; methods (mitigation measures) for reducing or avoiding impacts are identified, and project alternatives are developed which seek to reduce or avoid environmental impacts.

[ElevateSD2020](#) MTS plan for public participation in ballot measure. Efforts on this ended in 2021 with the onset of the COVID Pandemic

Emissions Forecast is the projected emissions that would occur in a future year based on growth multipliers applied to the baseline year.

EOR Enhanced Oil Recovery - Injecting depleted oil fields with substances that will force residual oil into the well(s). [U.S. Dept. of Energy](#)

advisory committee. Offshoot of the MTS CAC.

“Natural Gas” [Natural gas](#) is a widely used fossil fuel that is 70-90% methane, a potent greenhouse gas.

NCTD North County Transit District

ppm parts per million; generally used to indicate the ratio of carbon dioxide equivalents in the atmosphere

QOL Coalition Environmental, and social justice groups (Sierra Club, EHC, CAC, SD Coast Keepers, Labor groups, other individuals) which includes SD350 and which meets weekly. It advocates mainly on transportation-related issues. Formed to oppose Measure A in 2016 and group decided to stay together afterwards.

Renewable Energy is energy that comes from natural resources that are replenished on a human timescale.

RHNA Regional Housing Needs Assessment [RHNA](#)

RTP Regional Transportation Plan [SANDAG RTP](#)

SANDAG San Diego Association of Governments. SANDAG is the Metropolitan Planning Organization (MPO) and council of governments for San Diego County. It brings together local decision-makers to develop solutions to regional issues including improving equity, transportation, air quality, clean energy, economic development, goods movement, public health, public safety, housing, and more. [sandag.org](#)

SB 1 The Road Repair and Accountability Act of 2017, signed 4/28/17. [SB 1](#)

SB 32 - CA Global Warming Solutions Act is a follow up law to AB32 [SB 32](#)

SB 100 The 100 Percent Clean Energy Act of 2018 [SB 100](#)

SB 150 Requires CARB to report to the Legislature starting 2018 and every four years thereafter, to discuss progress made under SB. [SB 150](#)

[SB 375 Sustainable Communities and Climate Protection Act 2008](#) supports the State's climate action goals to reduce greenhouse gas emissions through coordinated transportation and land use planning with the goal of more sustainable communities.

SB 535 [California Climate Investments to Benefit Disadvantaged Communities](#)

SB 743 (2013) - This law initiated an update to the CEQA Guidelines to change how lead agencies evaluate transportation impacts under CEQA, with the goal of better measuring the actual transportation-related environmental impacts of any given project. SANDAG is in the process of deciding on a strategy: expected June 2026.

SB 1137 (2022) - Landmark drilling bill prohibits the issuance of well permits and the construction and operation of new production facilities within a health protection zone of 3,200 feet from a “sensitive receptor” - [CA Dept of Conservation](#)

SCS Sustainable Communities Strategy (RTP)

SDTEWG San Diego Transportation Equity Working Group - a coalition of community-based organizations, including SD350. [TEWG MTS Project and Policy](#)

Smart Growth aka Transit Oriented Development Smart growth is the creation of a livable environment that preserves open space and critical environmental areas. It promotes an attractive and convenient community in terms of housing, services, roads, utilities, and transportation.

TDM Transit Demand Management

TOD Transit Oriented Development

TRANSNET ½ cent sales tax administered by SANDAG in place until 2048. Determined every 4 years. [TRANSNET](#)

VMT vehicle miles traveled.