



2020 – 2030

County Operations Strategic Sustainability Plan

Mission Statement

Continue to be a local and national leader by integrating sustainability into all County Operations focused on Energy, Water, Waste and Transportation.

Introduction and Background

The County of San Diego, as described in the County's Strategic Plan, is committed to a region that is Building Better Health, Living Safely, Creating Thriving and Sustainable Environments, and Practicing Operational Excellence. The strategies defined in this Operations Sustainability Plan have been crafted to closely align with those Strategic Initiatives.

In October 2015, the Board of Supervisors adopted the 2015 – 2020 Strategic Energy Plan, which expires at the end of 2020, to lay out high level sustainability initiatives and measures for both internal operations and community-based actions. During the past 5 years, County departments have crafted more specific long-range implementation plans to address many of these sustainability initiatives. Such plans include: the **2018 Climate Action Plan** which aims to reduce greenhouse gas emissions from sources within the unincorporated county as well as County operations; the **2017 Zero Net Energy Portfolio Plan** which identifies strategies for reducing non-renewable energy use in County owned and leased facilities; the **2019 Renewable Energy Plan** which guides efforts to expand renewable energy on County sites to replace grid energy; the **2017 Strategic Plan to Reduce Waste** and the **2019 County Operations Waste Diversion Plan** which aim to divert 75% of internal operational waste away from landfills; and the **2019 EV Roadmap** and **2015 Green Fleet Action Plan** which provide strategies for reducing tailpipe emissions from the County Fleet.

The goals contained within the 2015 Strategic Energy Plan (SEP) have been largely incorporated within these implementation plans, making renewal of the SEP unnecessary. The intent of this Strategic Sustainability Plan is merely to connect all these separate sustainability planning efforts (which in themselves contain specific initiatives, goals, and measures) with one common County Operations purpose as noted in the Mission Statement.

Moving forward, this document will be amended on a 5 years basis, with annual progress reports being published as required for each specific implementation plan. Key focus areas and their related implementation plans are further described below.

Focus Areas



Energy

Goals

- Reduce energy use and greenhouse gas emissions
- Promote clean energy production
- Provide sound facility energy management
- Achieve cost savings

Implementing Documents

2017 Zero Net Energy Portfolio Plan

- Sets 50% energy use reduction target by 2030 from 2016 baseline
- 5 strategies include: Proactively Manage Energy Use; Install Renewables on Existing Sites; Require Zero Net Energy for New Construction; Purchase Community Solar Electricity for Small Accounts; Retrofit Existing Facilities for Energy Efficiency

2019 Renewable Energy Plan

- Identifies implementation paths for increasing renewable portion of electricity budget: Power Purchase Agreements for large scale installations; renewables included in all new construction projects to achieve zero net energy; purchase of renewable power from energy service providers through the grid; renewables at existing sites that have achieved energy reduction retrofits.
- Forecasts renewable portion of electricity budget for upcoming 10 years (2020 to 2030)

2018 Climate Action Plan

- Includes goals to increase renewable energy at County Facilities
- Includes goal to reduce Energy Use Intensity (EUI) at County Facilities

Water

Goals

- Reduce potable water use indoors and outdoors
- Promote water reuse systems where feasible

Implementing Documents

2018 Climate Action Plan

- Sets potable water reduction goals for 2020 and 2030
- Establishes water savings requirements for new construction and landscaping

2017 Zero Net Energy Portfolio Plan

- Includes water savings associated with constructing efficient new facilities and reducing energy use related to transporting and using water

Waste

Goals

- Increase diversion rate of solid waste from County operations from landfills
- Promote recycling, green purchasing, and source reduction at County facilities

Implementing Documents

2017 Strategic Plan to Reduce Waste

- Seeks to improve waste diversion in County operations

2019 County Operations Waste Diversion Plan

- Seeks to achieve 75% diversion for County Operations
- Establishes three phase program that focuses on service level monitoring and adjustment, staff education, and targeted implementation/pilot programs (i.e., onsite composting).

2018 Climate Action Plan

- Seeks to increase solid waste diversion at County Facilities

Transportation

Goals

- Reduce carbon emissions from Fleet vehicle exhaust
- Reduce Fleet vehicle miles traveled
- Eliminate underutilized vehicles to decrease size of Fleet
- Electrify the Fleet where possible

- Expand electric vehicle charging infrastructure on County sites for both public and Fleet

Implementing Documents

2015 Green Fleet Action Plan (GFAP)

- Sets targets to utilize alternative fuels and electrify fleet where possible
- (New 2020 GFAP in development will set new targets)

2019 EV Roadmap

- Amends Board of Supervisors policies to provide DGS with more EV purchasing authority
- Requires fully operational EV infrastructure in all new County facilities
- Sets target to implement Fleet EV conversions for 450+ vehicles, and install charging stations to support those vehicles
- Seeks to convert non-sedan vehicles when new technology and vehicles become available on the market
- Advises to evaluate strategies to improve the economic viability of charging installation and vehicle conversions at low-density, Home Assigned, and leased sites

2018 Climate Action Plan

- Includes goals to reduce County Fleet Emissions
- Includes goals to reduce County Employee miles travelled