

AIRPORT CARBON ACCREDITATION · PLAN DOCUMENT

Carbon Management Plan

Our roadmap to cut carbon emissions at San Luis Obispo County Airport **30% by 2033.**

PREPARED BY

Dept. of Airports

TARGET

-30% by 2033

BASELINE YEAR

2022

REVIEW CYCLE

Every 3 years

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01

Purpose of the plan

The County of San Luis Obispo Department of Airports developed this Carbon Management Plan to guide meaningful, measurable cuts to carbon emissions at SBP in line with our target of a 30% reduction by 2033. After this first edition, we'll update the plan at least every three years.



Reviewed and updated at least **every three years**.

02

The 2033 emissions target

Guided by the Science Based Targets initiative (SBTi), we set an intensity target: about a 3% reduction each year for up to ten years, measured against our 2022 baseline. We track it every year with the ACI ACERT tool, and we'll reevaluate once three years of data (2023–2026) are in hand.

30%

reduction by
2033

3%

reduction each
year

2022

baseline year

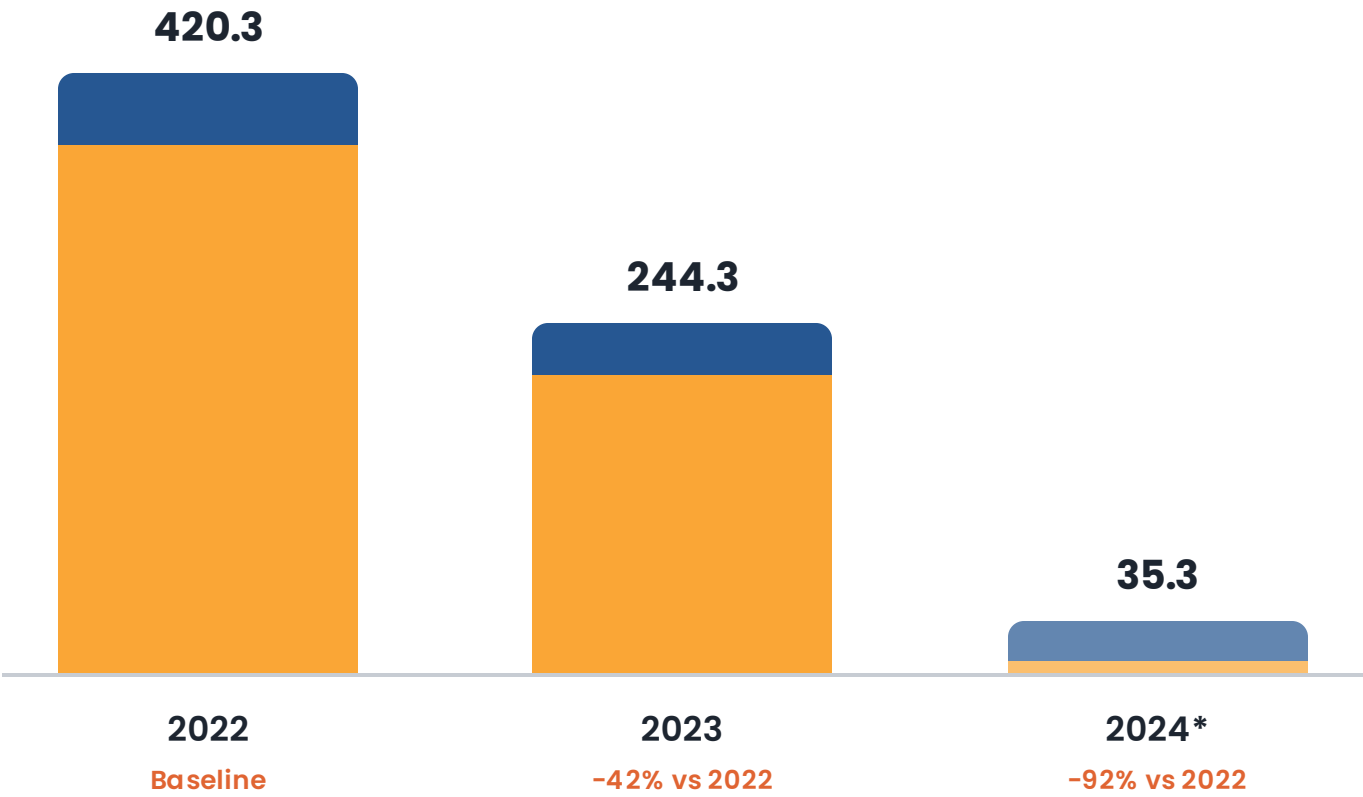
ACERT

tracked annually

Verified gross emissions by year

Tonnes CO₂e · Scope 1 + Scope 2 (ACERT). Scope 3 not reported.

Scope 1 Scope 2



Gross emissions fell **92%** from the 2022 baseline by 2024 — well past our 30% target — largely from switching to Community Choice Energy, which cut Scope 2 emissions.

* 2024 figures are provisional — still undergoing verification and may be revised.

EMISSIONS INVENTORY (T CO₂E)

Year	Scope 1	Scope 2	Total gross	vs 2022
2022	50.7	369.6	420.3	Baseline
2023	36.0	208.3	244.3	-42% vs 2022
2024*	26.9	8.4	35.3	-92% vs 2022

Scope 3 emissions were not reported for these years. No carbon offsets were applied; net emissions equal gross.

Leadership & committee

Annie Secrest, Sustainability Manager, leads our ACI accreditation and Carbon Management Plan as Airport Carbon Management Manager. The committee sets strategic direction, keeps targets and resources realistic, and reviews progress across each three-year cycle.

Carbon Management
Manager

Annie Secrest

Sustainability Manager

Committee Member

Courtney Pene

Deputy Director,
Planning & Outreach

Committee Member

Tim O'Keeffe

Deputy Director,
Operations

What's already underway



LEED Gold terminal

Our passenger terminal was built to LEED Gold standards from the ground up.



Community Choice Energy

We subscribed to the California Community Choice Aggregation (CCA) program in January 2025.



Electric fleet

We're replacing our Dodge Caravan with a Ford F-150 Lightning — with three more to follow as they become available.

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Initiatives we're exploring

Working with Cal Poly's City & Regional Planning Master's Program, we studied local Climate Action and Sustainability Plans to find alignment and model future reductions for SBP. Recommended initiatives include:



**Gate
electrification**



**Alternative
fuel**



Solar power



**Ground source
heat pumps**



**Battery
storage & DC
microgrid**



**Sustainability
programs**

Full reports and analysis for each initiative are in Appendix A.

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Projected impact

63–97%

Gate electrification
potential emissions
reduction

30%

Alternative fuel
potential emissions
reduction

25%+

Solar power
potential emissions
reduction

25–50%

**Ground source
heat pumps**

lower building energy
use

Estimates based on Cal Poly research. Actual reductions depend on final project design and scope.

07

Implementation plan

Our implementation strategy is a living matrix, integrated with the Department's Strategic Plan, that prioritizes each project and lays out its action items. Every initiative is reviewed against the same set of topics.

Appendix B holds the initiatives to be considered and prioritized through the 10-year planning process — up to 2050 and beyond.

MATRIX REVIEW TOPICS

● Objective

● Justification

● Project Goal

● Goal Priority

● Management Role

● Staffing Needs &
Resources

● Costs

● Funding Opportunities

● Schedule

● Duration

● Key Performance
Indicators (KPIs)

● Reporting

08

How we prioritize

01 Largest hotspots

Identify the sources emitting the highest share of CO₂ and develop solutions to reduce them.

02 Carbon reduction

Prioritize initiatives by their potential to cut emissions.

03 Cost

Determine the cost of each initiative and whether FAA grant or other funding is available.

04 Return on investment

Weigh the ROI a project is expected to deliver against its actual cost.

05 Cost benefit

Account for every benefit tied to an initiative — financial and non-financial alike.

09

Communication, awareness & training



Publish an annual sustainability report covering all of our emissions-reduction efforts.



Continue working with Cal Poly to develop recommended policies for implementing the plan.



Identify certification training and invite stakeholders and tenants to take part.



Identify regulatory policies to incorporate into the management plan.

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Audit & self-assessment

Our committee tracks SBP's emissions, plan, and reduction targets by evaluating performance every year, recording both existing and newly implemented initiatives. At the three-year mark (2023–2026), we'll refresh the full plan: inventory, carbon footprint, and reduction targets.

GET IN TOUCH

Questions about the plan?

Email us at greensbp@co.slo.ca.us with your questions, ideas, or comments!



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OPERATED BY

County of San Luis Obispo
Department of Airports