

Airport Carbon Accreditation

Airport Carbon Accreditation (ACA) is a voluntary, worldwide carbon management program, that helps airports identify, manage and reduce their carbon emissions.

- Institutionally endorsed
- Incorporates internationally-recognized methodologies
- Flexible for airports of different sizes and types

Why is ACA important?

ACA addresses the reduction of both direct and indirect sources:

- Direct sources –operations, ground fleet, energy consumption, concessions
- Indirect sources – surface transportation, supply chain, airlines

The ACA has six levels of certification:

- **Level 1: Mapping** – Determine emissions sources, calculate annual emissions data, and commit to emissions reduction goals
- **Level 2: Reduction** – Demonstrate effective carbon management practices and reduction in Scope 1 and 2 CO2 emissions over a three year period.
- **Level 3: Optimization** – Incorporate various Scope 3 emissions in the overall carbon footprint and engage third parties to reduce these emissions
- **Level 3+: Neutrality** – Offset carbon emissions using internationally recognized offsets and compile a carbon footprint report
- **Level 4: Transformation** – Provide extended carbon footprint and formulate plans and benchmarks to achieve long-term emissions reduction
- **Level 4+: Transition** – Offset residual carbon emissions over which the airport has control, using internationally recognized offsets

Source: airportcarbonaccreditation.org

LGB Targets and Pledges

Long Beach Airport (LGB) achieved Level 2, which recognizes reductions to Scope 1 and 2 emissions from airport-controlled or operated sources and energy consumption.

LGB pledges to reduce emissions on a per passenger basis 20% by 2025 and 40% by 2030, compared to the 2016 baseline. These goals align with the City of Long Beach's Climate Action and Adaptation Plan (CAAP)

LGB Sustainability Accomplishments

- *Electrification of ground support equipment (GSE) and installation of chargers at 11 commercial gates*
- *Recycling and organic waste diversion programs*
- *Good Traveler Program for passengers to voluntarily offset carbon footprint of their flight*
- *Replacing existing equipment with low voltage fixtures and LED bulbs*