



Airport Carbon Accreditation

The Global Carbon Management Standard for Airports

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Airports & climate change



- Emissions under airports' control: **2% – 5%** vs. global aviation emissions
- Airports = **face of aviation on the ground**
→ Representative of the whole industry for the public
- Airports = critical **interface** between different stakeholders
→ **Opportunity to drive airport-wide & industry-wide climate action**
- Airport development projects increasingly under scrutiny for their climate impact
- Airports **impacted by climate change**



Airports' licence to grow – and increasingly also to operate – depends on effective action to reduce their emissions.



Why Airport Carbon Accreditation?



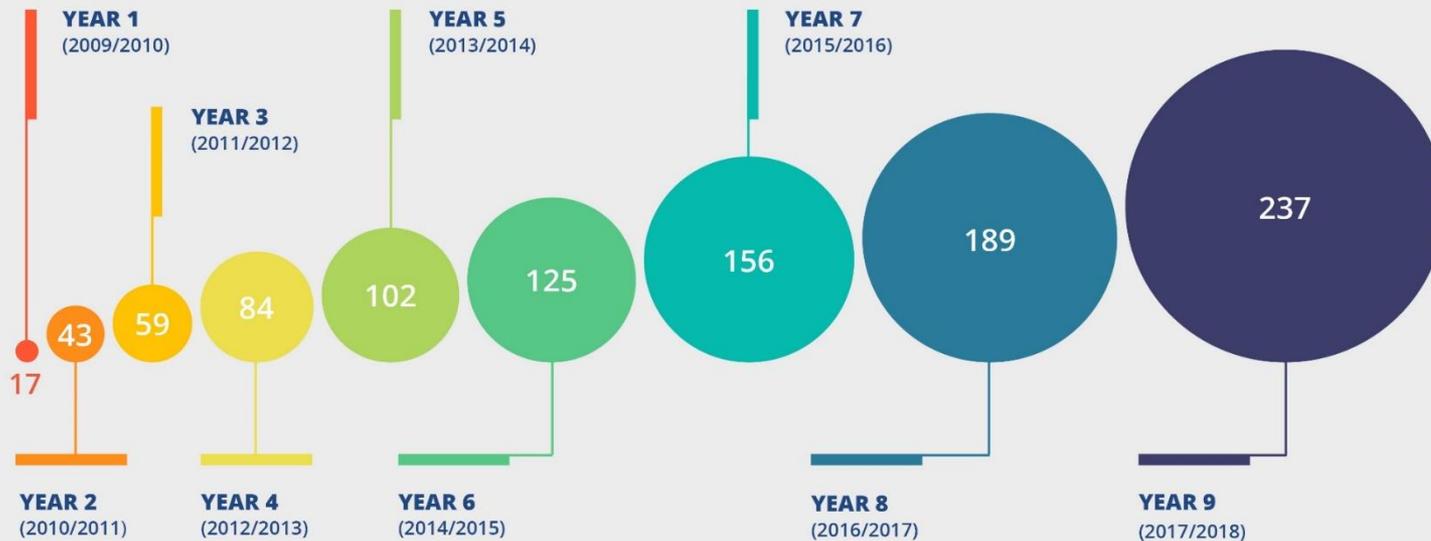
- Provide technical guidance for airport carbon management
- Create a framework for public recognition of airports' efforts
- Show industry leadership
- Create a community of airports engaged in climate action



From a European to a global programme



Airport Carbon Accreditation milestones



The **only global standard** for carbon management
in the airport industry



4 levels of certification



Level 3+

Offsetting own Scope 1 & 2 emissions



Level 3

Engagement of 3rd parties & measurement of their emissions



Level 2

Emissions reduction target, carbon management plan & annual reductions



Level 1

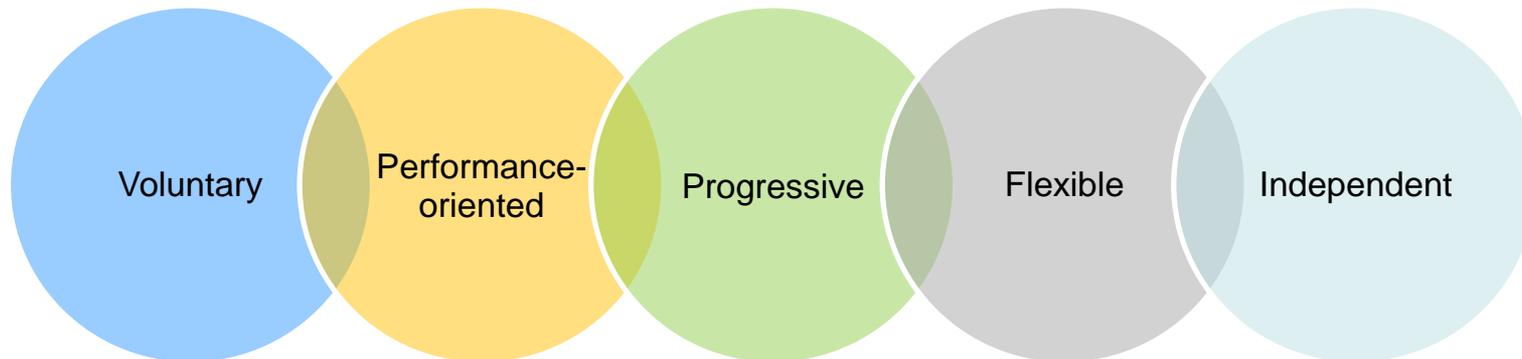
Carbon footprint & policy

SCOPE 1 & 2

SCOPE 3



Key principles of the programme



Independence

- Independent expert Advisory Board, including



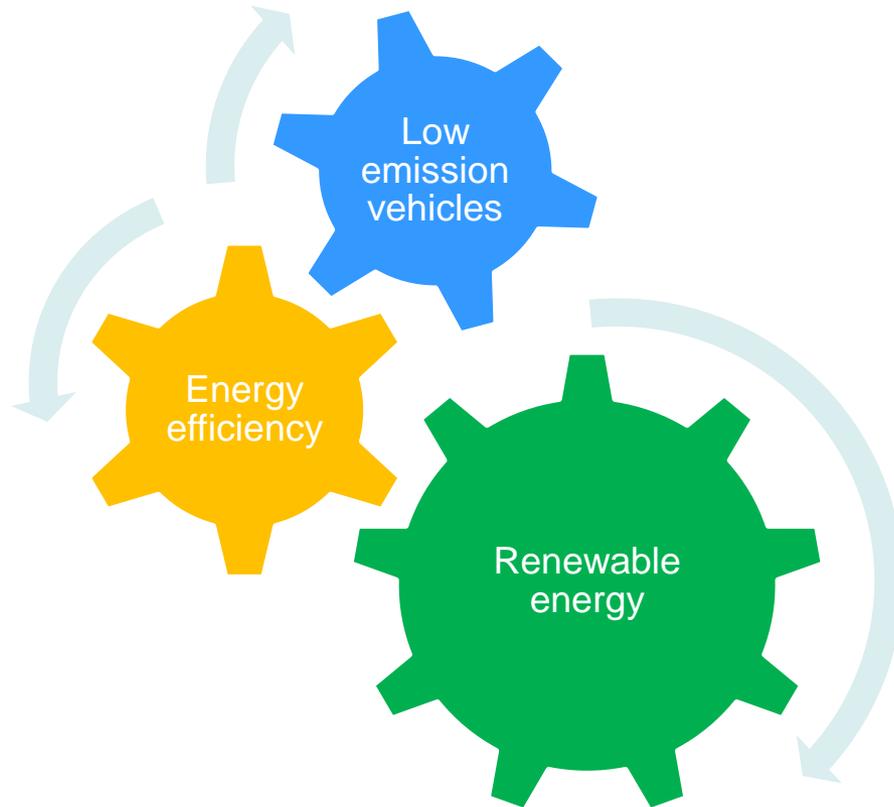
- Independent Programme Administrator



- Independent third party verification of airports' applications

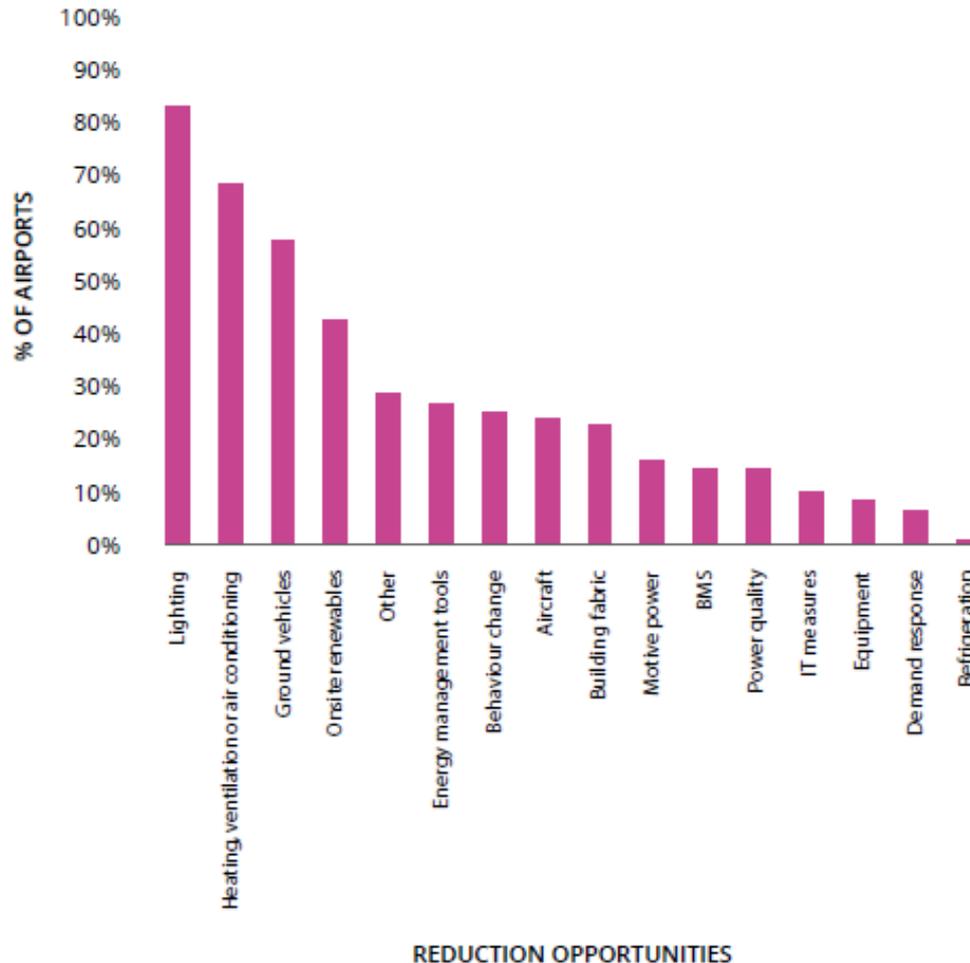


How can airports reduce their emissions?



How can airports reduce their emissions?

FIGURE 13: UPTAKE OF CARBON REDUCTION OPPORTUNITIES BY ACCREDITED AIRPORTS



Most used opportunities refer to:

- Lighting
- HVAC
- Ground vehicles
- Onsite renewables



How can airports support 3rd party emissions reductions?



Fixed Electrical Ground Power (FEGP) /
Pre-Conditioned Air (PCA)



Support to more efficient aircraft
operations



Support to deployment of Sustainable
Aviation Fuels (SAF) or innovative aircraft
technologies



Support to sustainable
access to the airport



266 accredited airports worldwide



266 accredited airports worldwide



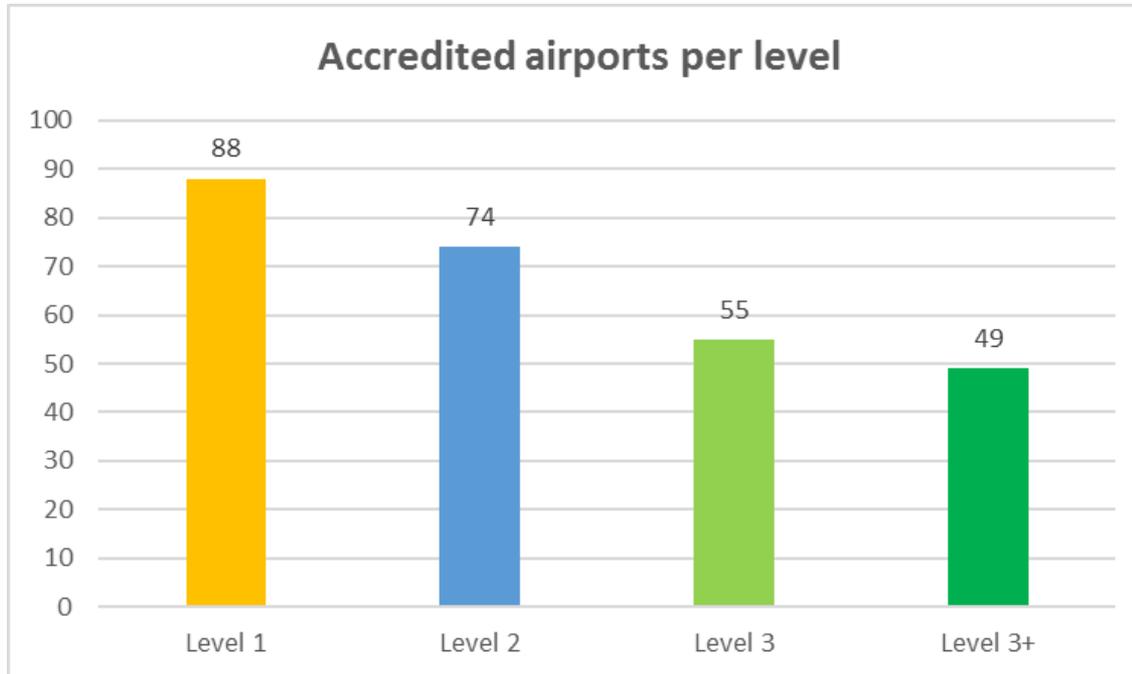
Welcoming
3.6 billion
passengers
per year.

In **71**
countries
across
the world.

Or **43.8%**
of global air
passenger
traffic.



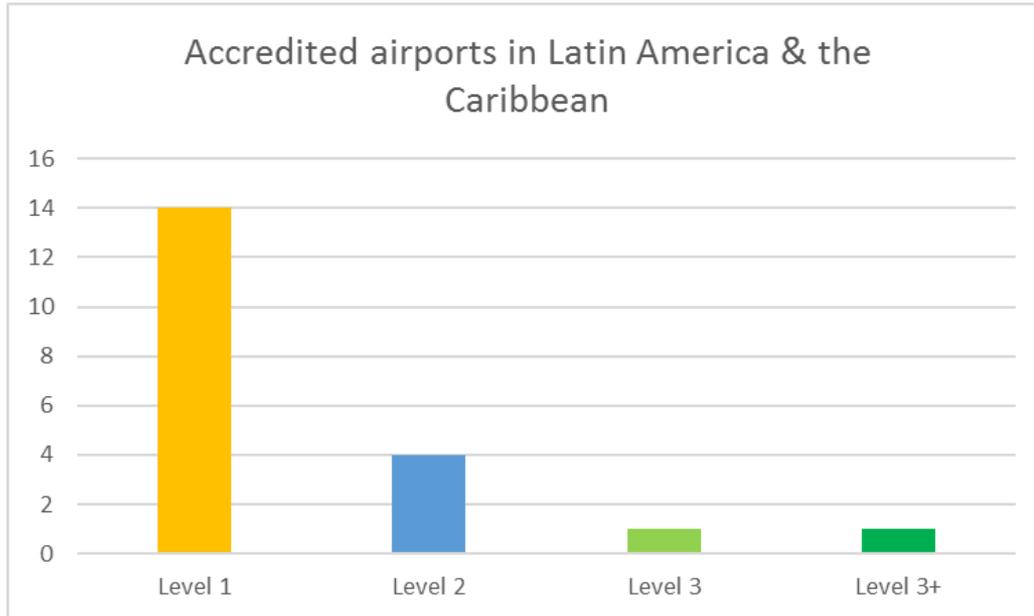
266 accredited airports worldwide



- Reporting year 2017/2018 (237 airports):
 - 347,026 tonnes CO₂ reduced (= minus 5.3%)
 - 672,000 tonnes CO₂ offset



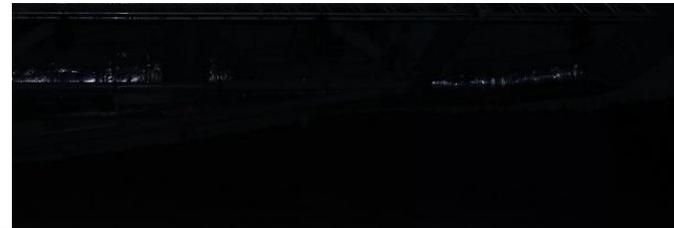
20 airports in Latin America & the Caribbean



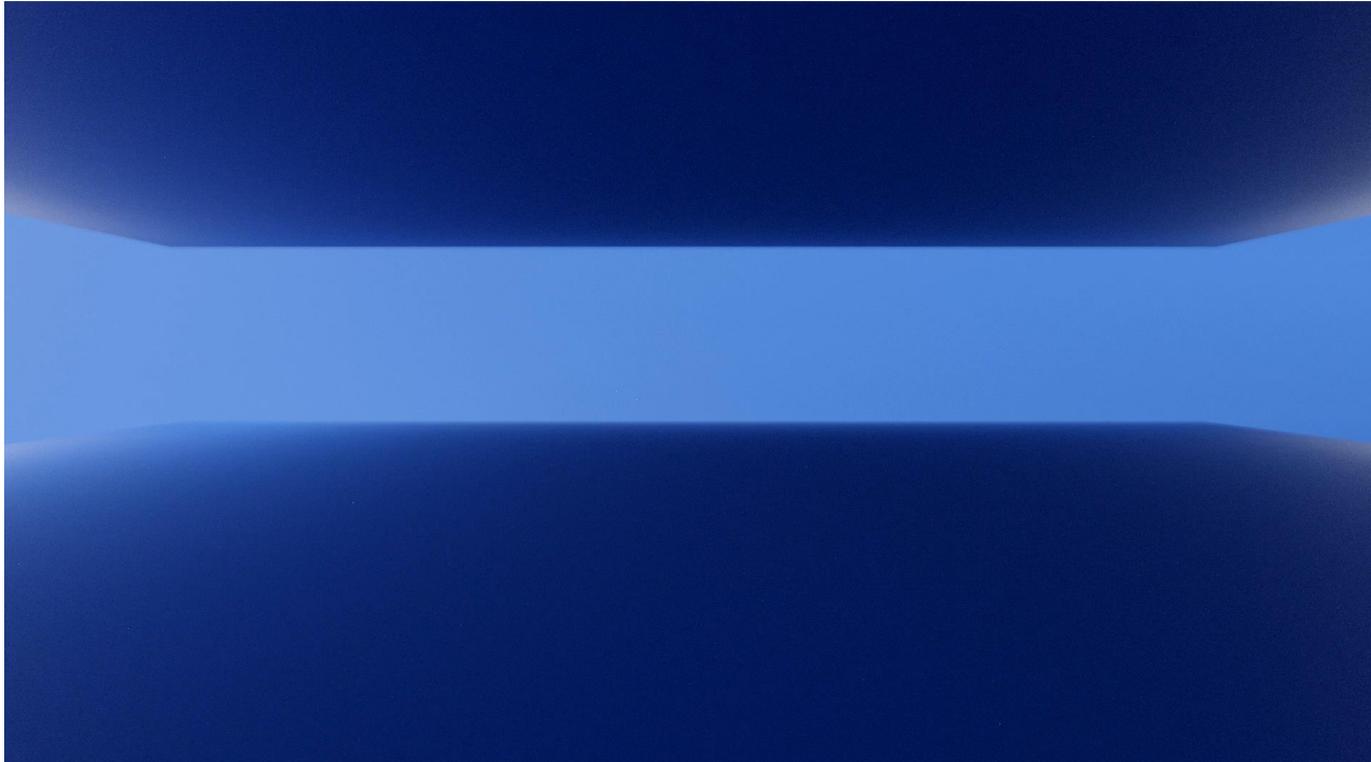
- Reporting year 2017/18 (16 airports):
4,754 tonnes CO2 reduced (minus 8.9%)



Aiport Carbon Accreditation is celebrating..



Aiport Carbon Accreditation is celebrating..



Thank you

   @AirportCO2

www.airportCO2.org