

GREEN AIRPORTS

Supporting Airports:
Reducing their
environment footprint

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World







Airports Council International ACI



Membership

623 members1,940 airports176 countries



Promotes professional excellence in airport management and operations

5 Regions

North America
Europe
Latin America/
Caribbean
Asia Pacific
Africa

Airport Environment Management

- GHG
 Emissions
 - Emissions
- Local Air Quality
- Noise
- Land Use Planning
- Community
 Engagement

- Water
- Soil
- Waste
- Energy
- Wildlife
- Eco-Design
- Construction
- Adaptation
- SAF



ACI supports airports in reducing their ENV footprint

- ACI ENV Committees
- Represents the world's airports at ICAO CAEP
- ATAG
- UNFCCC
- IATA
- Training/Capacity Building
- Publications
- Reports/Communications
- Programs Airport Carbon Accreditation (ACA)
- Tools ACERT















- Calculates an airport GHG inventory
- Calculates the GHG performance of the airport
- Assists in joining Airport Carbon Accreditation
- Supports airports' commitment and communication on GHG and climate change



IT Requirements





Airport Operational Data

Annual data for Scopes 1 and 2







Airport Emissions

Scope	Description	Examples
1	Airport operator owned or leased emission sources (fossil and other)	Vehicle and machinery fuels, boiler house, furnaces, emergency generators, fire practice, surface de-icing, processes, even own aircraft (if any).
2	Airport operator purchased electricity, heat or steam emissions	Electricity from city utilities, heat from an external power plant.
3	Non airport operator owned sources of the airport system	Aircraft (engine, APU), GSE, engine tests, de-icing, landside access traffic, staff business trips, third party emissions.

ICAO ENVIRONMENT

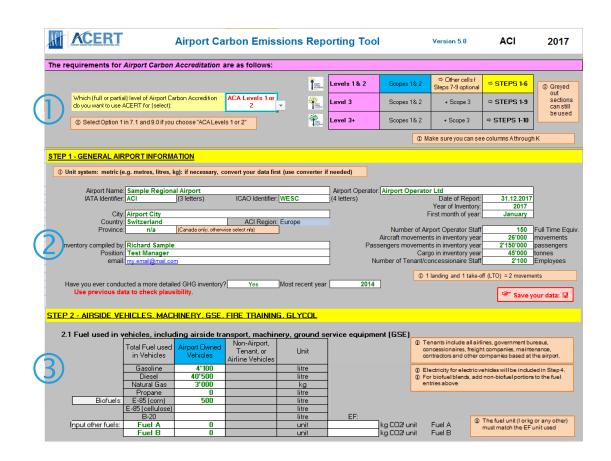
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Using ACERT

If seeking AirportCarbon Accreditation, choose desired level.

2 Enter the airport details

3 Enter operational data

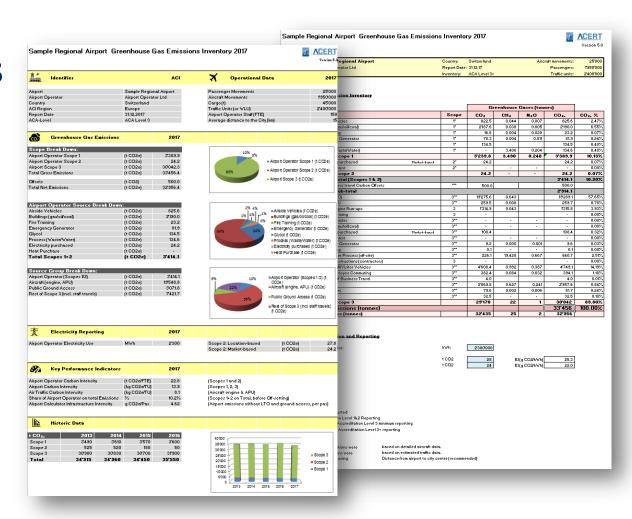


ENVIRONMENT

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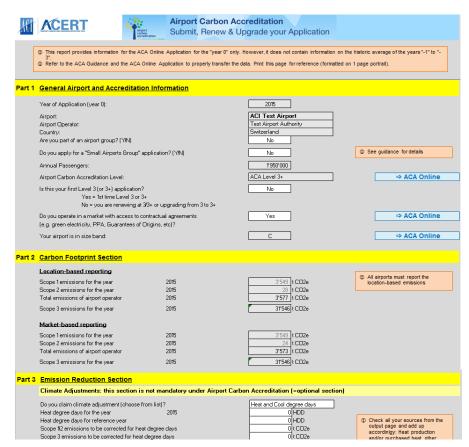
Results and KPIs

- GHG emissions
- Airport operator source breakdown
- Source group breakdown
- Electricity reporting
- Historic data
- KPIs



ACERT: Output for ACA Online Application

- Data and information for the ACA online application
- Data has to be transferred
- manually
- * Refer to the ACA Guidance Manual



ACERT: What is available?

Tool and Guidance

Training Material

The Model



The Manual



The Tutorial



The Sample Airport





Thank you for your attention!



For ACERT, <u>acert@aci.aero</u>
For more information on ACI
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