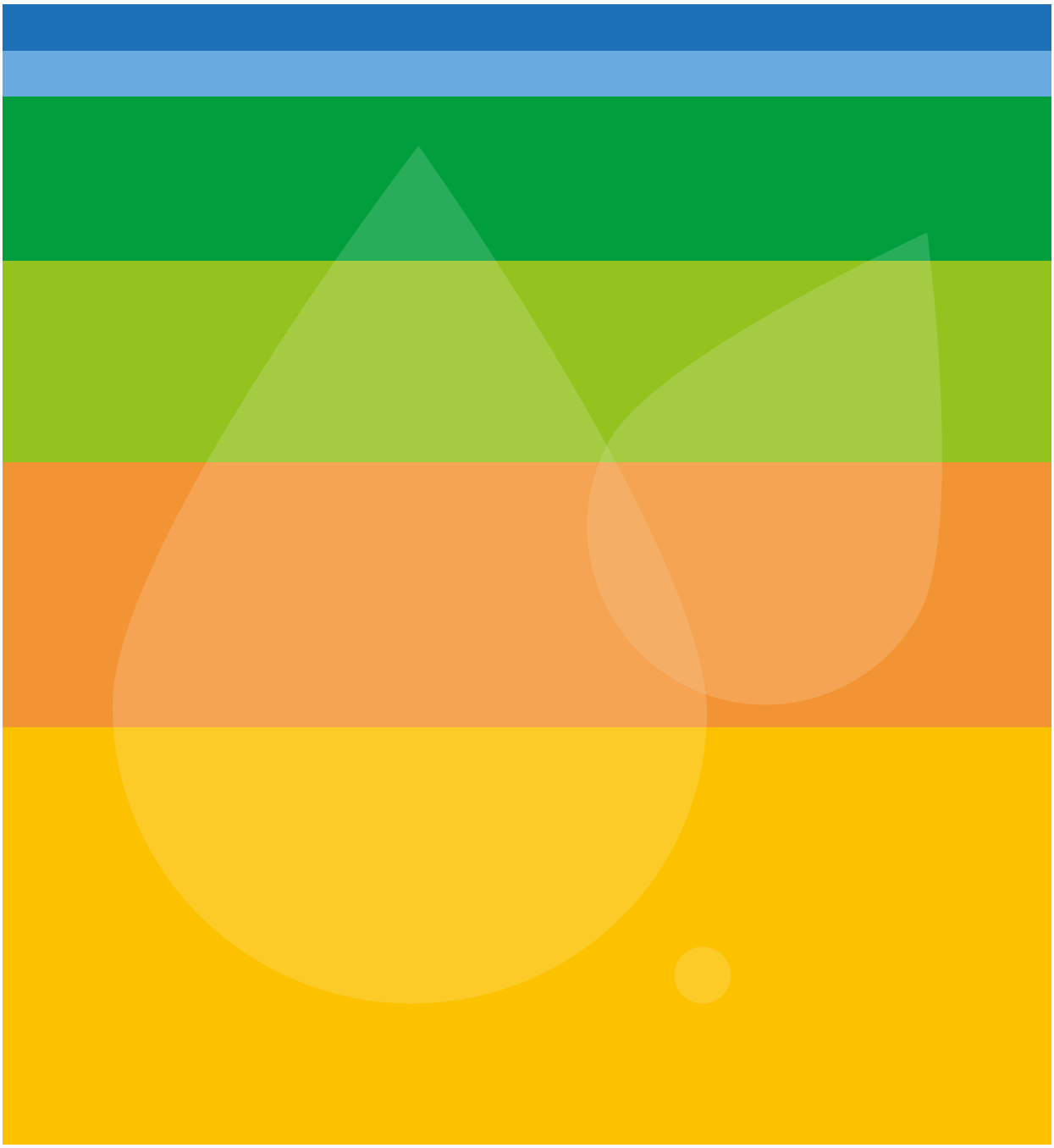

airport carbon accreditation

ANNUAL REPORT

2021-2022

AIRPORTS COUNCIL INTERNATIONAL

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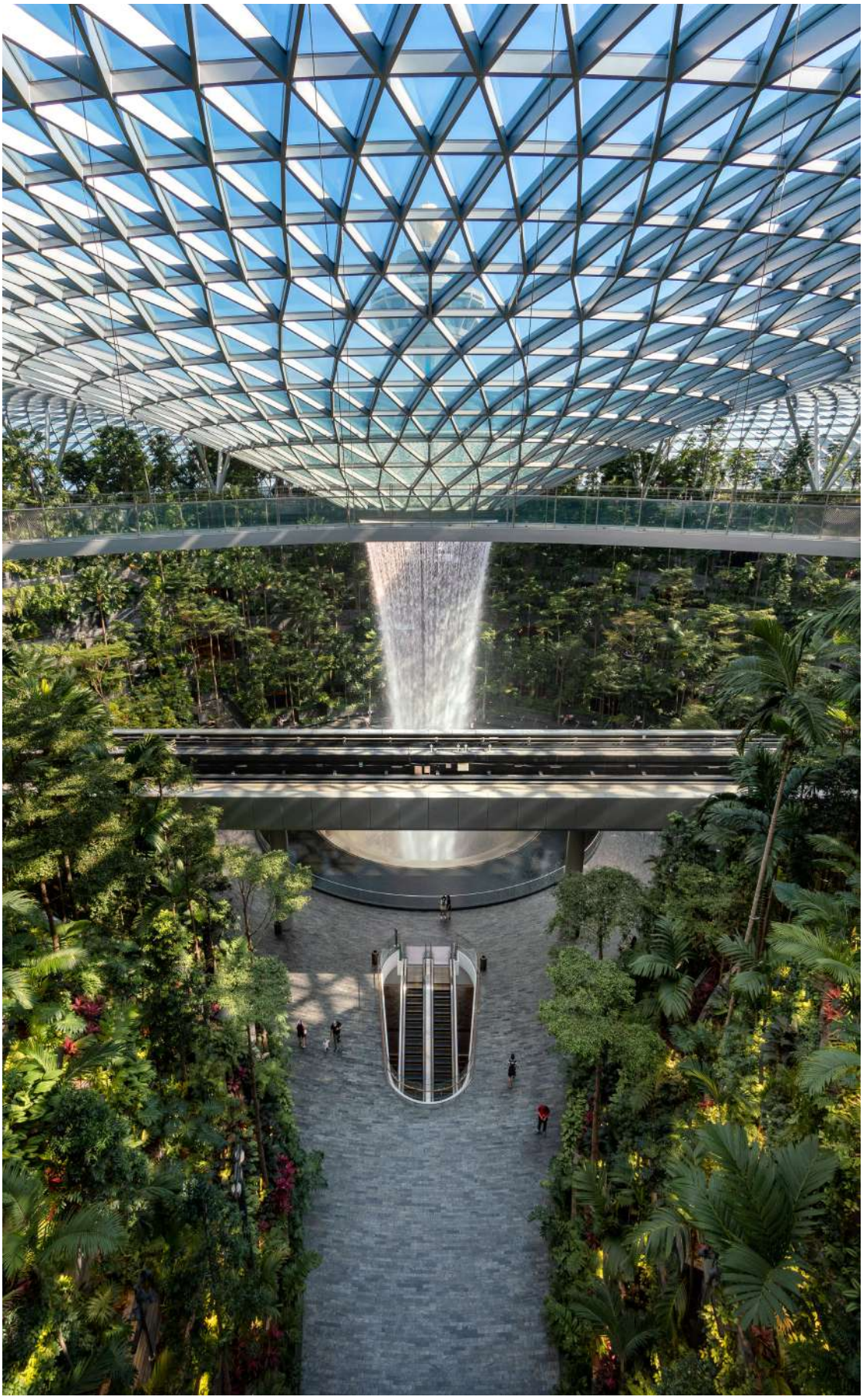


Singapore Changi Airport / SIN

Welcome to the Annual Report

2021 and 2022 - the time span of this Report - have seen two major breakthroughs on the global air transport industry's journey to decarbonisation. The key climate target stemming from the Paris Agreement – Net Zero CO_2 by 2050 – was embraced by the entire aviation eco-system on 5 October 2021, following in the footsteps of the Net Zero commitment made by the global airport industry in June. A year later, almost to the day, the International Civil Aviation Organisation's triennial Assembly delivered the political vetting to that goal and enshrined Net Zero as the global target for civil aviation on 7 October 2022. These positive developments take as backdrop a worsening climate change outlook and impacts, with the scientific community issuing red flags almost daily, speaking of irreversible damage and 'disastrous' tipping points looming ever closer as emissions surge.

Against this backdrop, it is heartening to witness the 'quiet revolution' advanced by airports in all corners of the world within *Airport Carbon Accreditation*, as they continue to deliver tangible CO_2 reductions and raise the bar for their climate ambitions. Airport climate action, whilst addressing a proportionally smaller slice of aviation's emissions, has a crucial role to play in unlocking wider decarbonisation of the industry. Airports are air transport's feet on the ground and as such are the platforms enabling all industry actors to co-operate, exchange and advance decarbonisation collectively. A climate smart airport is uniquely positioned to trigger and enable carbon management of other companies active within their premises, a key characteristic that comes to the fore as airports progress within the framework of *Airport Carbon Accreditation*. And progress we have seen!

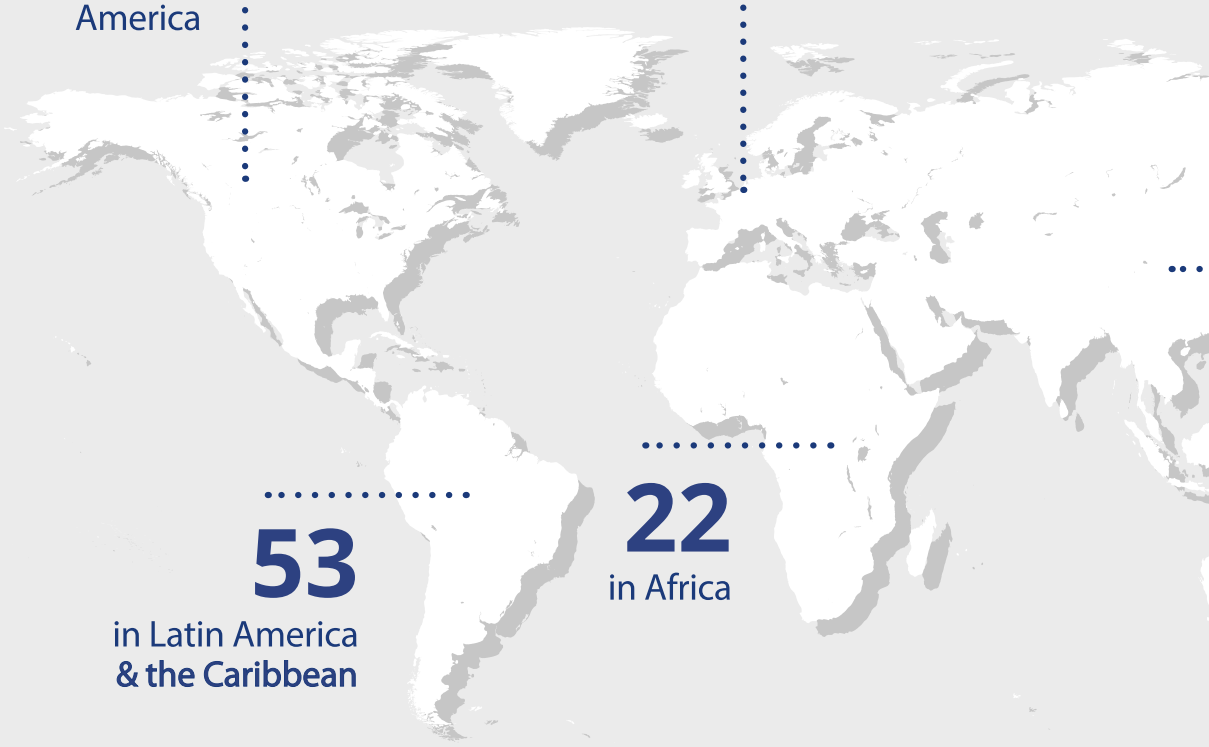
Despite the COVID-19 recovery still lagging behind 2019 traffic levels in the period covered by this report, with clearly negative economic and operational impact still acutely felt by all aviation actors, we are witnessing a landslide engagement in *Airport Carbon Accreditation*, both in terms of new accreditations and upgrades. *Airport Carbon Accreditation* reached 395 accredited airports worldwide between 16 May 2021 and 15 May 2022. The 91 new accreditations reported this year constitute the highest growth since its inception in 2009; a 30% increase compared to the previous period. Furthermore, 89 airports have achieved the more advanced levels of accreditation, with 57 airports at Level 3+ 'Neutrality', and 32 airports obtaining Levels 4/4+, 'Transformation' and 'Transition'.

These achievements speak volumes of the global airport community's commitment to addressing climate change. This commitment goes deeper than aiming to eliminate emissions under their own control, evidenced by the acceleration to higher levels of the programme. It is clear that airports are embracing their role as catalysts for climate action across their entire sites. *Airport Carbon Accreditation* is there to support their ambition and evolve in step with the maturing vision of the Net Zero airport of the future.

We are very pleased to present the Annual Report for programme Year 13 (2021-2022), in which we have adopted a fresh approach to reporting by focusing on key achievements and developments, the most significant global and regional trends, Key Performance Indicators and representative case studies.

Olivier Jankovec
Director General
ACI EUROPE

Executive Summary



395
accredited airports

91
new accreditations*

40%
global passengers welcomed by accredited airports**

*There were 92 new accreditations, two withdrawals (one in North America and one in Latin America & the Caribbean), and one adjustment from last year thus the net new accreditations are 91. The term "new accreditations" in this report refers to the net number of new accreditations.
**2021 passenger traffic data

64
in Asia-Pacific

+30%
Growth of accreditations since the previous period.

-549,643 (-8.1%)
Aggregate scope 1 and 2 absolute emissions reductions from airports at all levels (in tonnes of CO_2 and %).

-0.15 (-8,1%)
Scope 1 and 2 relative emissions reductions per passenger from airports at all levels (in kgs of CO_2 and %).

898,821 tonnes
CO_{2e} compensated with high quality offsets

79
countries with accredited airports

89
carbon neutral airports
Level 3+ = 57
Levels 4/4+ = 32

86
airports upgrading to a **higher level of accreditation**

1. The Global Context

- **October 2021:** Air Transport Action Group (ATAG) members, including ACI, release the Commitment to Fly Net Zero - a declaration by the global aviation industry to reach net zero carbon by 2050[1].
- **June 2022:** Release by ACI EUROPE of extended renewed resolution regarding European Airports Committing to Net Zero Carbon Emissions by 2050.[2]
- **October 2022:** Adoption of net zero carbon emissions goal for international flights by 2050, by governments meeting at the 41st International Civil Aviation Organization (ICAO) Assembly.
- **October 2022:** ACI World General Assembly unanimously adopted Resolutions[3] providing strong collective response to help airports deliver the net zero carbon goal.
- **October 2022:** 135 States representing more than 98% of global Revenue Tonne Kilometre have voluntarily submitted their State Action Plan to ICAO.

ACI EUROPE RESOLUTION

Adopted by the ACI EUROPE Board on 16 May 2019
Published at the 29th Annual Congress & General Assembly on 26 June 2019
Last updated at the 32nd Annual Congress & General Assembly on 23 June 2022

EUROPEAN AIRPORTS COMMITTING TO NET ZERO CARBON EMISSIONS BY 2050

2050 NET ZERO

The ACI EUROPE Board, acting on behalf of the European airport community represented by ACI EUROPE:

Noting and supporting the objectives set by the Paris Agreement's central aim to strengthen the global response to the threat of climate change by keeping global temperature rise this century below 2 degrees Celsius above pre-industrial levels and to pursue efforts to limit the temperature increase even further to 1.5 degrees Celsius;

32WAGA-RAK22
32nd World Annual General Assembly Marrakech
Marrakech, Morocco, 25 October 2022

RESOLUTION #4
Delivering the ICAO Net Zero CO2 Long-Term Aspirational Goal (LTAG)

The ACI World General Assembly,

Recalling that the ACI World General Assembly has previously adopted Resolutions on the need for action to address greenhouse gas emissions and climate change[2] and on steps to address its impacts[3], in particular adaptation and resilience.

Recalling that in response to ACI World's Policy Brief on Airports' Resilience and Adaptation to a Changing Climate, a survey was conducted in 2019 capturing inputs from 288 airports, revealing that approximately 70% of respondents identified impacts of adverse weather events, patterns and conditions as a challenge for their operations.

Recalling that in June 2021, ACI member airports agreed to the Long-Term Goal of achieving Net Zero by 2050 (the "Net Zero Goal"), urging governments to provide the necessary support to achieve this goal. This was agreed in October 2021 across the aviation industry following coordination by the Air Transport Action Group (ATAG) of which ACI is a Board member.

[1] https://aviationbenefits.org/flynetzero/
[2] https://www.aci-europe.org/downloads/content/ACI%20EUROPE%20RESOLUTION%202022.pdf
[3] https://aci.aero/2022/10/25/waga-2022-agrees-key-resolutions-to-strengthen-and-promote-the-sustainability-and-resilience-of-airports/

Airport Carbon Accreditation overview

Airport Carbon Accreditation is the global standard for carbon management in the airport industry. The aim is to encourage and enable airports to implement best practices in carbon management. It has been developed in line with international standards, including the Greenhouse Gas Protocol and ISO 14064, and is reviewed and updated accordingly as these standards evolve. The programme focuses on CO_2 emissions, as they comprise the large majority of airport greenhouse gas emissions, while independent administration and verification ensure the programme's credibility. Airports can become accredited at six progressively ambitious levels of accreditation.

Level 1 Mapping requires a policy commitment to emissions reduction endorsed by top management and the development of a carbon footprint for emissions under the airport's control (i.e., scope 1 & 2 emissions).

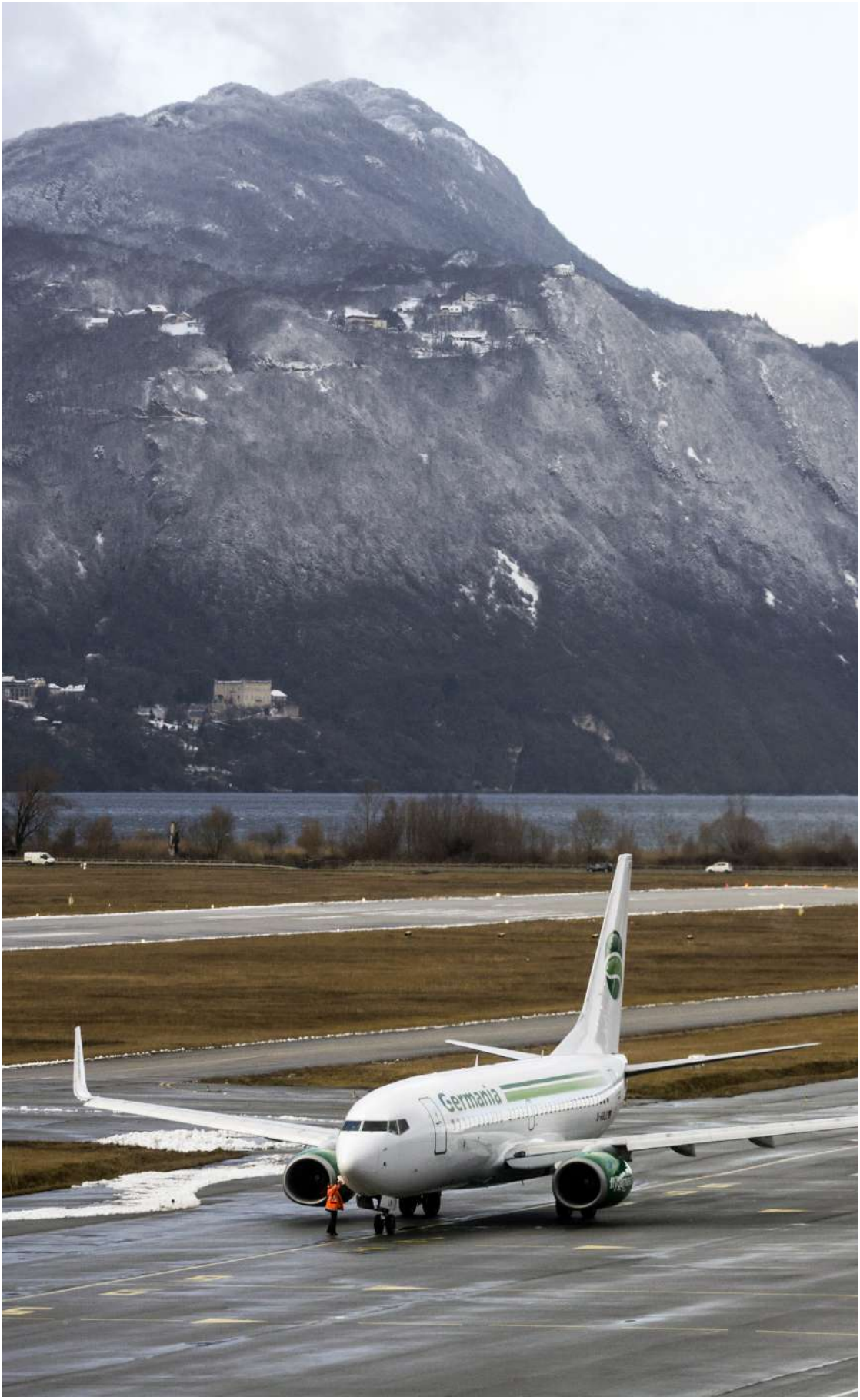
Level 2 Reduction requires the fulfilment of all Level 1 accreditation requirements, formulation of a carbon emissions reduction target, development of a Carbon Management Plan to achieve the target and annual reduction of emissions under the airport's control (i.e., scope 1 & 2 emissions) versus the three-year rolling average.

Level 3 Optimisation requires fulfilment of all Level 2 accreditation requirements, development of a more extensive carbon footprint to include specific scope 3 emissions and the formulation of a Stakeholder Engagement Plan to promote wider airport-based emissions' reductions.

Level 4 Transformation requires a policy commitment to absolute emissions reductions, development of a more extensive carbon footprint, formulation of an absolute long-term emissions reduction target, development of a Carbon Management Plan (setting out the trajectory, interim milestones and the measures required to achieve the target), and development of a Stakeholder Partnership Plan to address third party emissions.

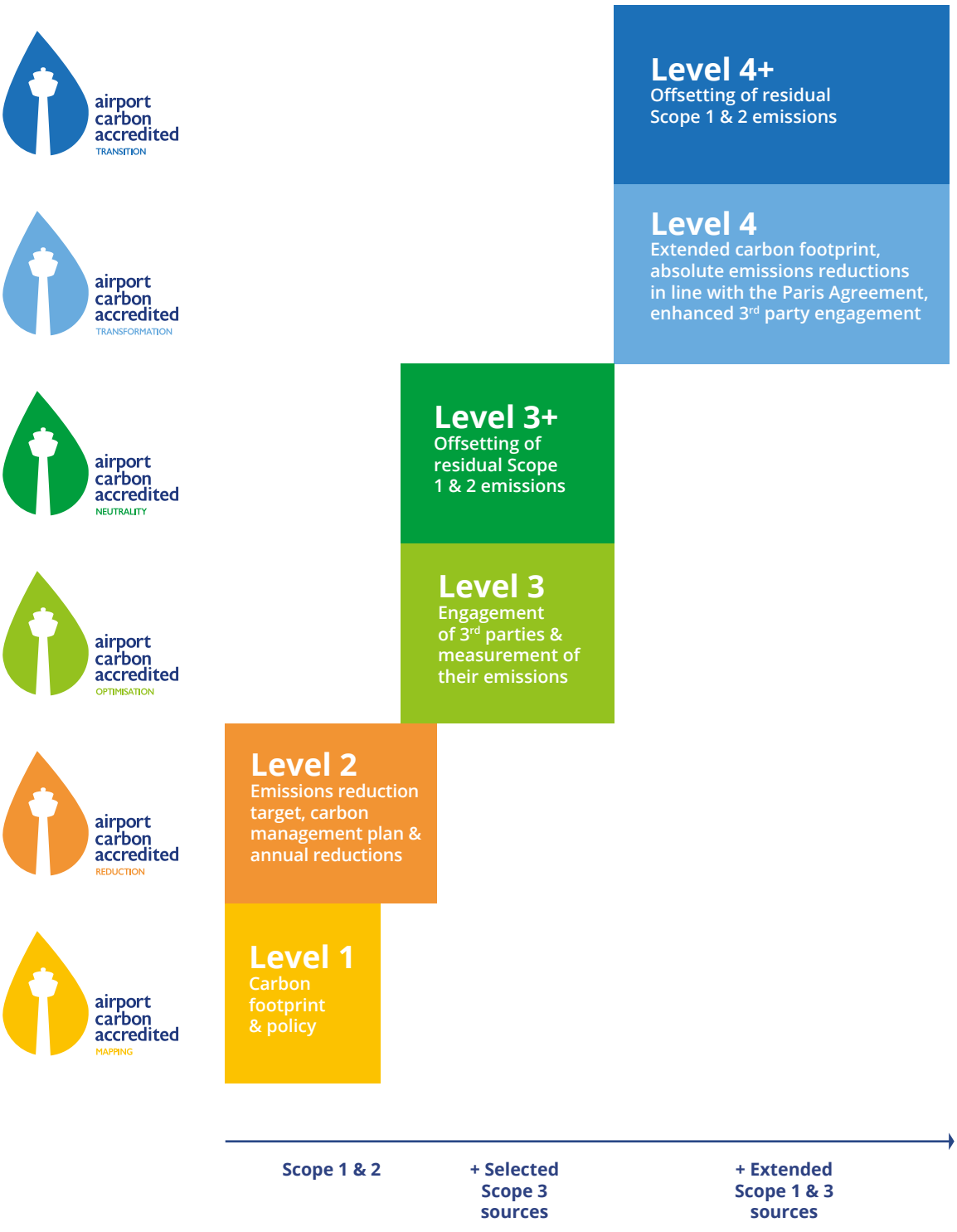
In addition, airports at Level 3 and Level 4 can choose to offset their residual emissions, thereby achieving **Level 3+ Neutrality** and **Level 4+ Transition** respectively.

Sydney Airport / SYD



Chambéry Savoie Airport Mont Blanc / CMF

FIGURE 1: **MAIN REQUIREMENTS OF *AIRPORT CARBON ACCREDITATION***



How is *Airport Carbon Accreditation* governed?

airport carbon accreditation

ACI

ACI EUROPE has the overall responsibility for *Airport Carbon Accreditation*, and manages it in close cooperation with the other ACI regions and support by ACI World.

AIRPORTS COUNCIL INTERNATIONAL

ADMINISTRATOR

The independent programme Administrator guides airports through the application process (i.e., help desk service), reviews and approves accreditations and oversees the appointment and training of verifiers. The environmental consultancy WSP serves as the programme's Administrator.

wsp

TASK FORCE

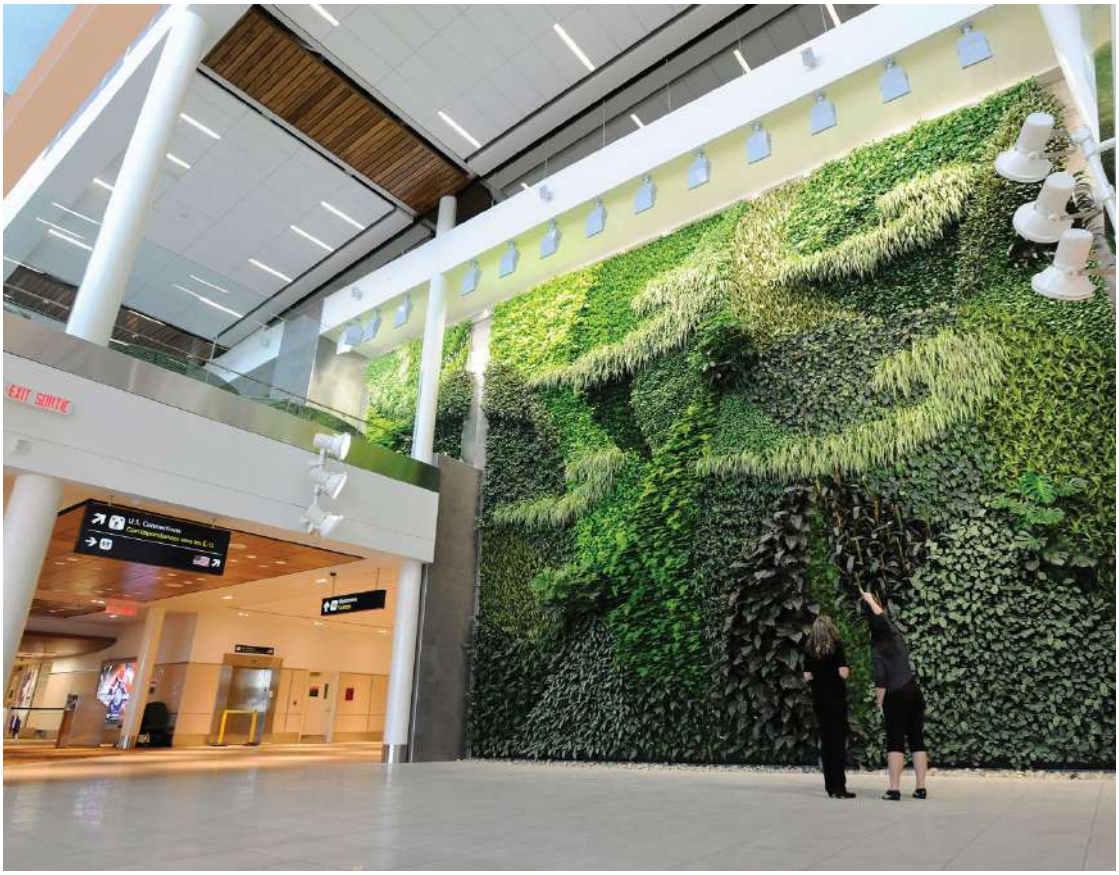
A technical Task Force meets twice a year to review technical issues, make recommendations and overall ensure that the programme is aligned with international standards and developments, as well as the evolving airport needs. The Task Force is comprised of airport environmental representatives from selected accredited airports, ACI regional representatives and the Administrator. It is currently chaired by Emanuel Fleuti, Head of Sustainability & Environment, Zurich Airport.

ADVISORY BOARD

An independent Advisory Board determines policy direction, oversees the programme's development and encourages external recognition. The Advisory Board is comprised of institutional representatives from the fields of aviation and the environment including:

- EUROCONTROL
- European Commission, Directorate General Climate Action
- European Commission, Directorate General Mobility and Transport
- Federal Aviation Administration of the United States
- European Civil Aviation Conference
- International Civil Aviation Organisation (Focal Point)
- Manchester Metropolitan University
- United Nations Framework Convention on Climate Change
- Aviation Environment Federation (Director in his personal capacity)

Lyon-Bron Airport / LYN



Edmonton International Airport / YEG

What are the benefits from accreditation?

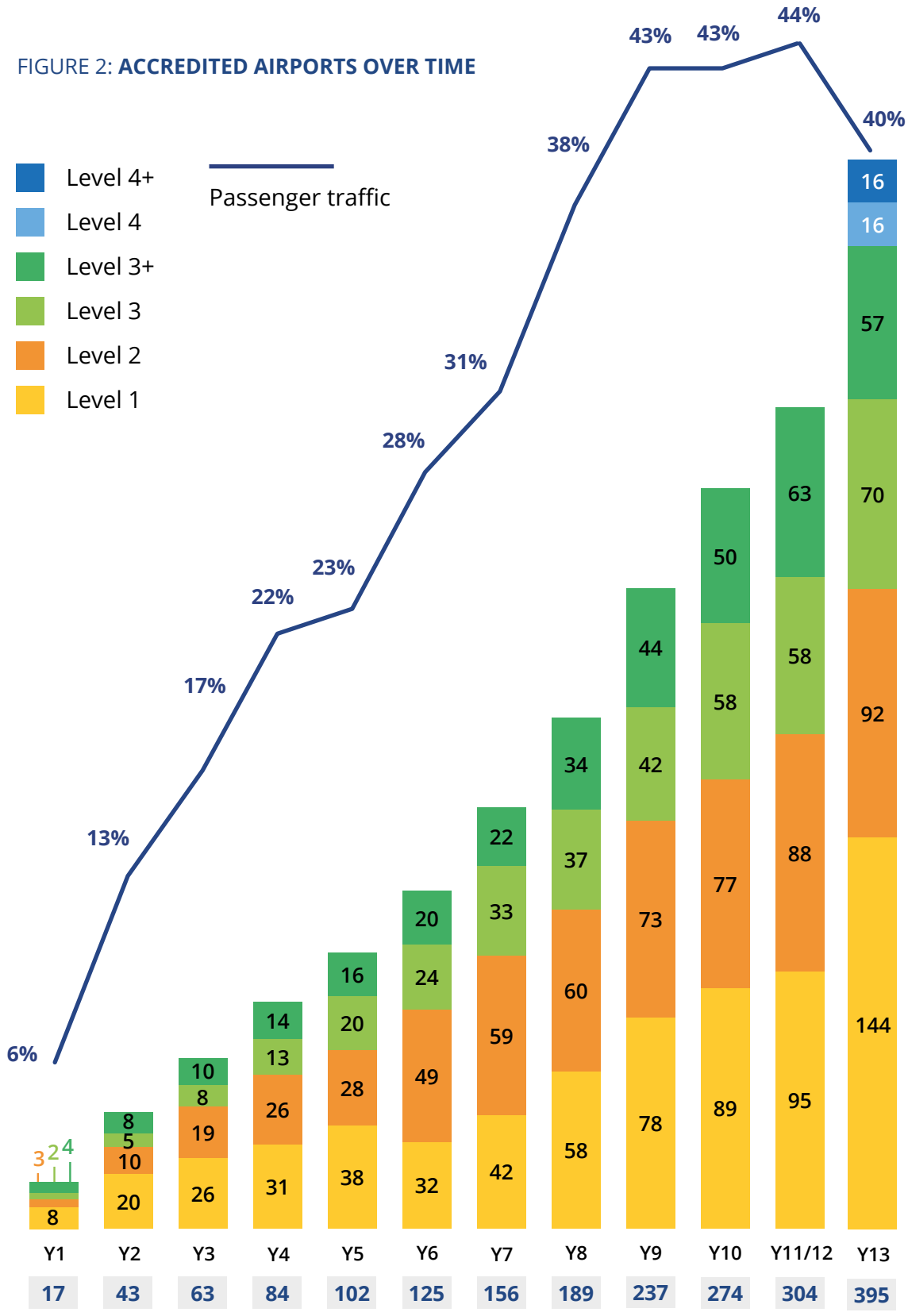
Through *Airport Carbon Accreditation* airport professionals can:

1. Identify the **sources** of airport emissions.
2. Achieve real and **measurable emissions reductions.**
3. Inspire **bold climate initiatives.**
4. **Streamline** internal processes.
5. Think and **act strategically** regarding carbon management.
6. **Join forces** with third parties to enhance climate action.
7. **Share best practices** and learn from other airports.
8. Drive operational and cost **efficiencies.**
9. Elevate the **public credibility** of the airport.
10. Boost **employee motivation.**
11. Access **green finance.**
12. Become part of a **global** industry effort.

2. Trends

Global

FIGURE 2: **ACCREDITED AIRPORTS OVER TIME**



In recent years and due to the COVID-19 crisis, there were considerable shifts in passenger traffic across the world regions. The passenger traffic shares for Year 13 take 2021 traffic levels as reference. Accredited airports were not immune to traffic reductions, with some of them underperforming the 2021 average. This explains drops in passenger traffic shares in certain regions like Europe – even if the overall number of accredited airports has risen.

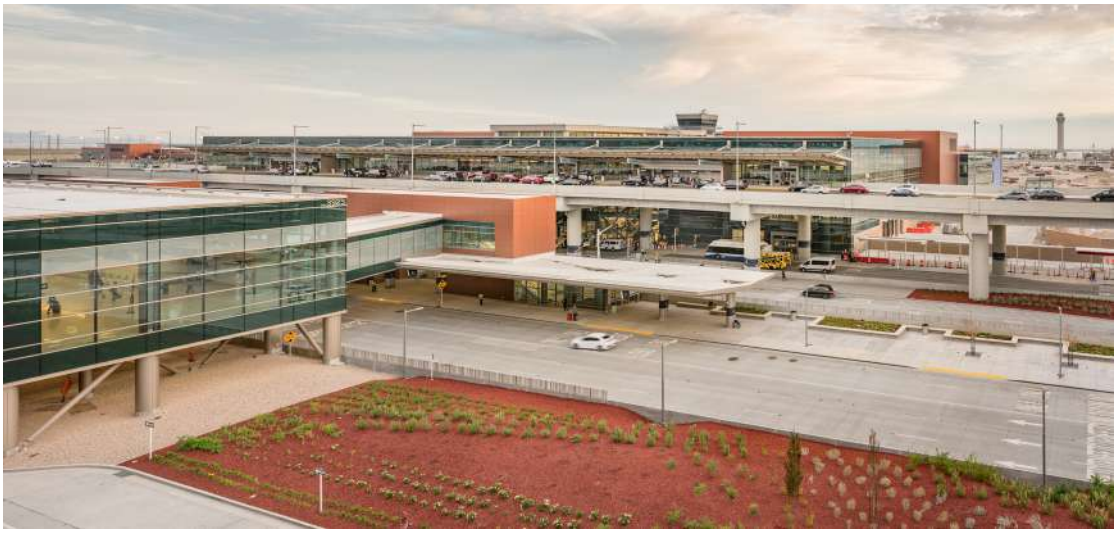
Y1	2009/2010
Y2	2010/2011
Y3	2011/2012
Y4	2012/2013
Y5	2013/2014
Y6	2014/2015
Y7	2015/2016
Y8	2016/2017
Y9	2017/2018
Y10	2018/2019
Y11/12	2019/2021
Y13	2021/2022

airport carbon accreditation

Grenoble Alpes Isère Airport / GNB

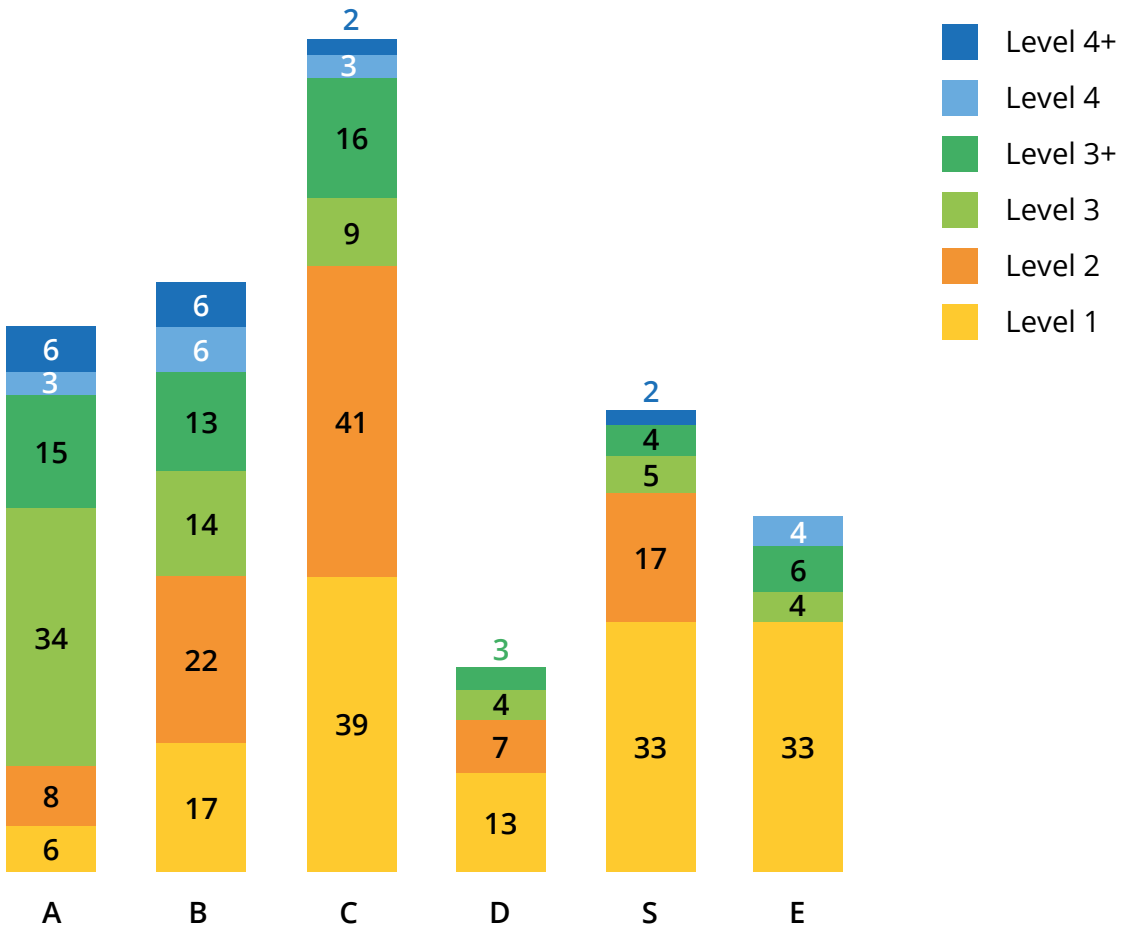
	LEVELS						
REGION	1	2	3	3+	4	4+	TOTAL
Europe	72	44	20	44	11	13	204
Asia-Pacific	10	18	25	5	4	2	64
North America	22	9	15	4	1	1	52
Latin America & the Caribbean	28	14	8	3	-	-	53
Africa	12	7	2	1	-	-	22
Global	144	92	70	57	16	16	395

KPI	Y13
Total accreditations	395
New accreditations	91
Growth	+30%
% of global traffic	40%
Number of upgrades	86
Level 3+ airports	57
Level 4/4+ airports	32



Salt Lake City International Airport / SLC

FIGURE 3: **CERTIFIED AIRPORTS PER BAND**[4]



In the 2021/2022 reporting period, aggregate scope 1 and 2 emissions from airports at all levels of accreditation were 7,188,864 tonnes of CO_2. Airports achieved a reduction of 549,643 tonnes of CO_2 (8.1%) compared to the 3-year rolling average, which represents the standard baseline of the programme to ensure unbiased assessments. It is important that airports continue to show year to year reductions, noting though that some of the reductions are likely due to the COVID-19 pandemic.[5]

Emissions per passenger reached 1.72 kgs of CO_2 and emissions per traffic unit 1.49 kgs of CO_2. Compared to the 3-year-rolling average, accredited airports have achieved a reduction by 8.1% and 8.2% respectively for each of the metrics. This development suggests a more efficient use of infrastructure and resources.

[4] *Airport Carbon Accreditation* differentiates between six airport categories, defined as Bands: Band A (>20 m. pax/year); B (6-20 m. pax/year); Band C (1-6 m. pax/year); Band D (0.5-1 m. pax/year); Band S (<0.5 m. pax/year); and Band E (airport groups with airports of Band S).

[5] For more information on the use of the three-year rolling average as well as the treatment of data from 78 airports that did not have recent information, please refer to the Methodology section.

The 73 airports at Level 3+ (Neutrality) and 4+ (Transition) offset 898,821 tonnes of CO_{2e} (compared to 766,728 tonnes in 2019/2021), an increase of 17.2%. The scope 3 emissions of the airports at Levels 3/3+/4/4+ (excluding full flight emissions) were just over 70,000,000 tonnes of CO_2.

Finally, the 32 Level 4/4+ airports are expected to reduce their emissions by 663,182 tonnes of CO_{2e} by the specific target year that they have set, against their respective baseline years.

More details on offsetting and Levels 4/4+ are provided in the dedicated section of the report.

TABLE 1: ***AIRPORT CARBON ACCREDITATION*** **KEY PERFORMANCE INDICATORS**

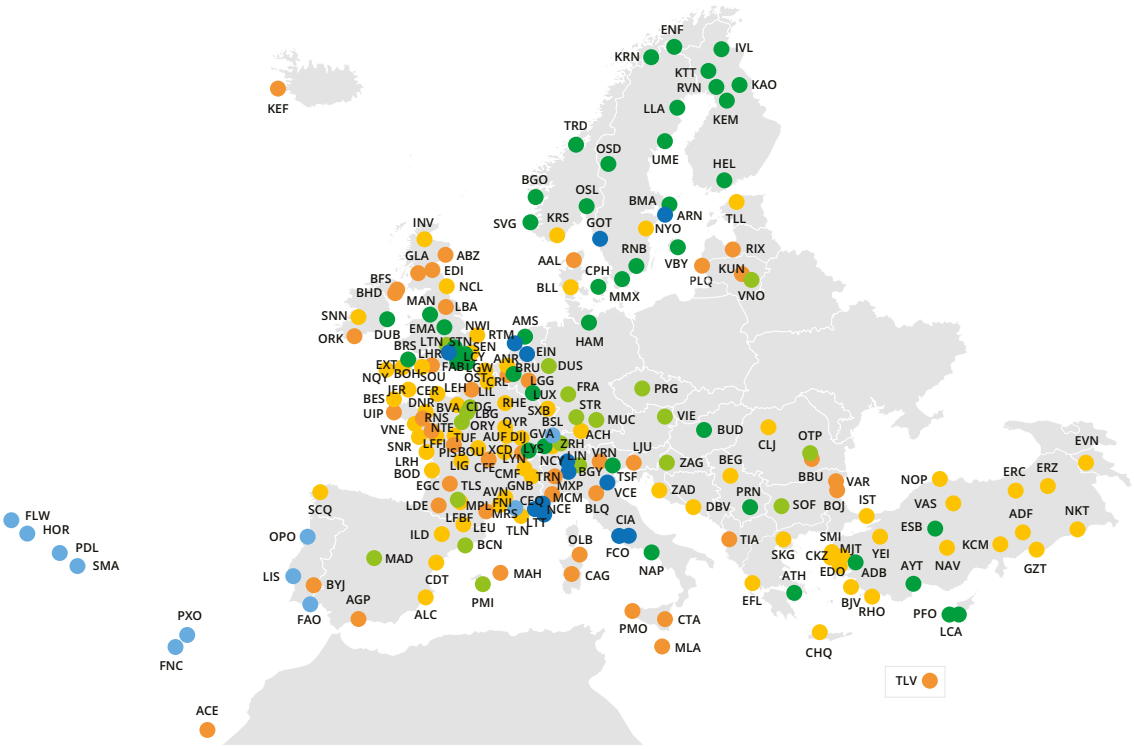
Indicator	Unit	2021-2022	Absolute change compared to the three-year rolling average	Change (%)
Aggregate scope 1 & 2 emissions from airports at all levels	tCO_2	7,188,864	-549,643	-8.1%
Scope 1 & 2 emissions per passenger from airports at all levels	Kgs of CO_2	1.72	-0.15	-8.1%
Scope 1 & 2 emissions per traffic unit[6] from airports at all levels	Kgs of CO_2	1.49	-0.13	-8.2%

Indicator	Unit	2021-2022	Absolute change (vs. previous year)	Change (%)
Offsetting of aggregate scope 1 & 2 & staff business travel emissions from airports at Level 3+	tCO_{2e}	898,821	132,093	17.2%
Scope 3 emissions from airports at Levels 3, 3+, 4, 4+ in tCO_2 (excluding full flight emissions)	tCO_{2e}	70,144,610	-1,231,396	-1.7%

Indicator	Unit	Emission Reductions
Expected emission reductions of all airports by target year (against their respective baseline years)	tCO_{2e}	663,182

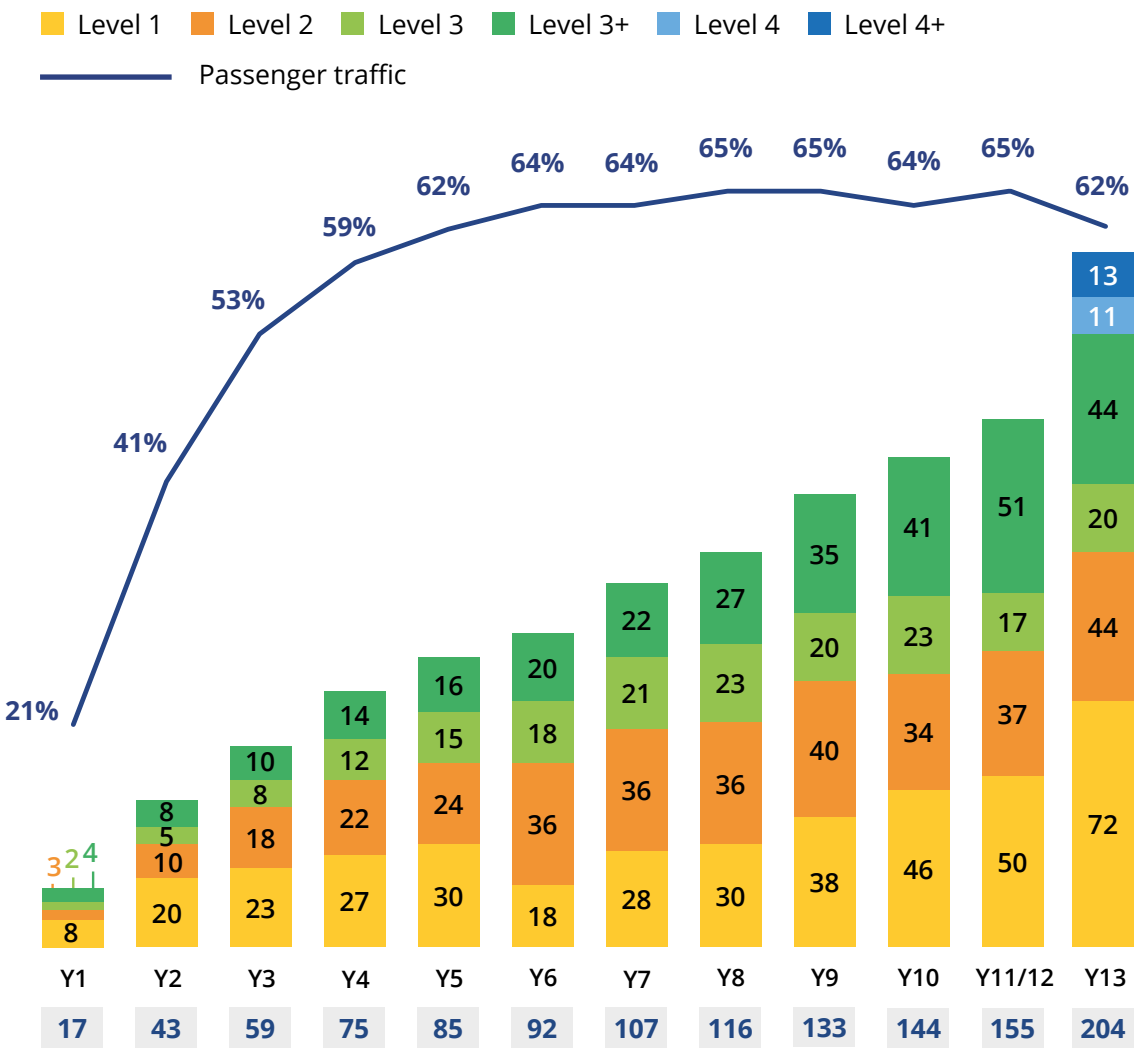
Phoenix Sky Harbor International Airport / PHX

Europe



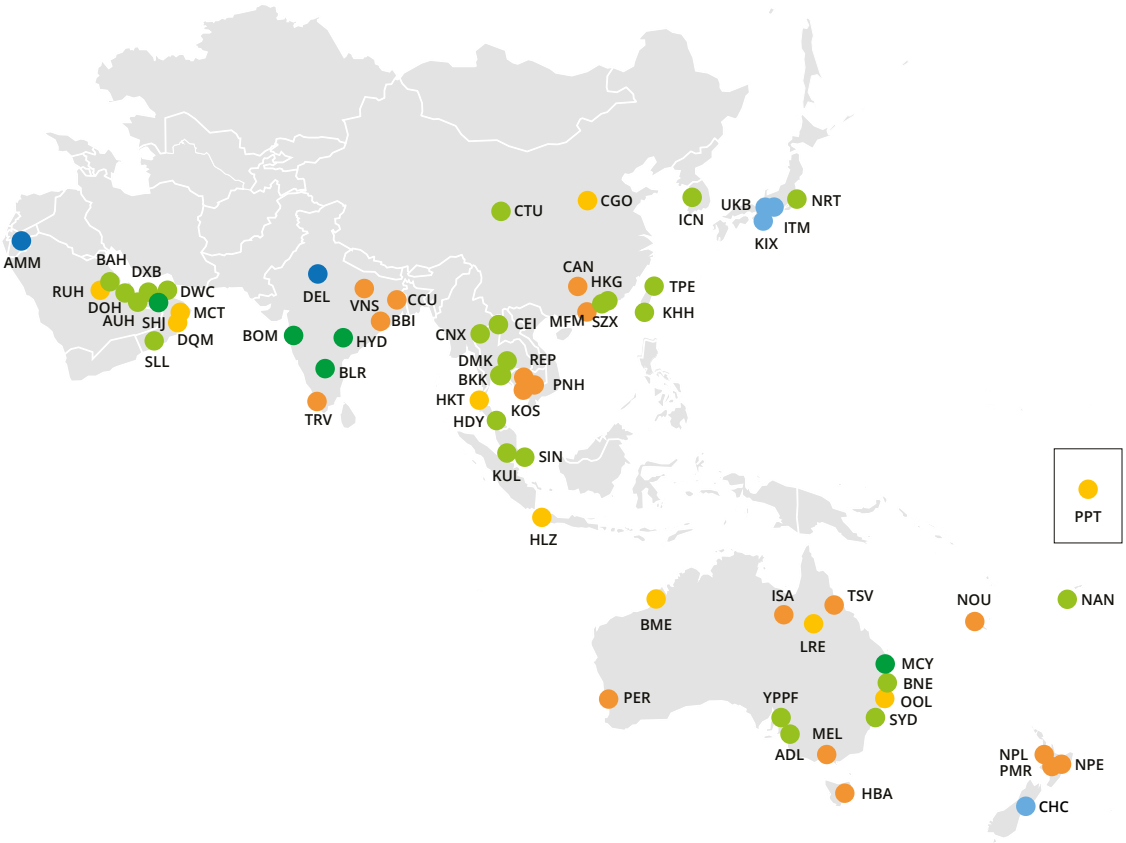
Liège Airport / LGG

FIGURE 4: **ACCREDITED AIRPORTS OVER TIME - EUROPE**



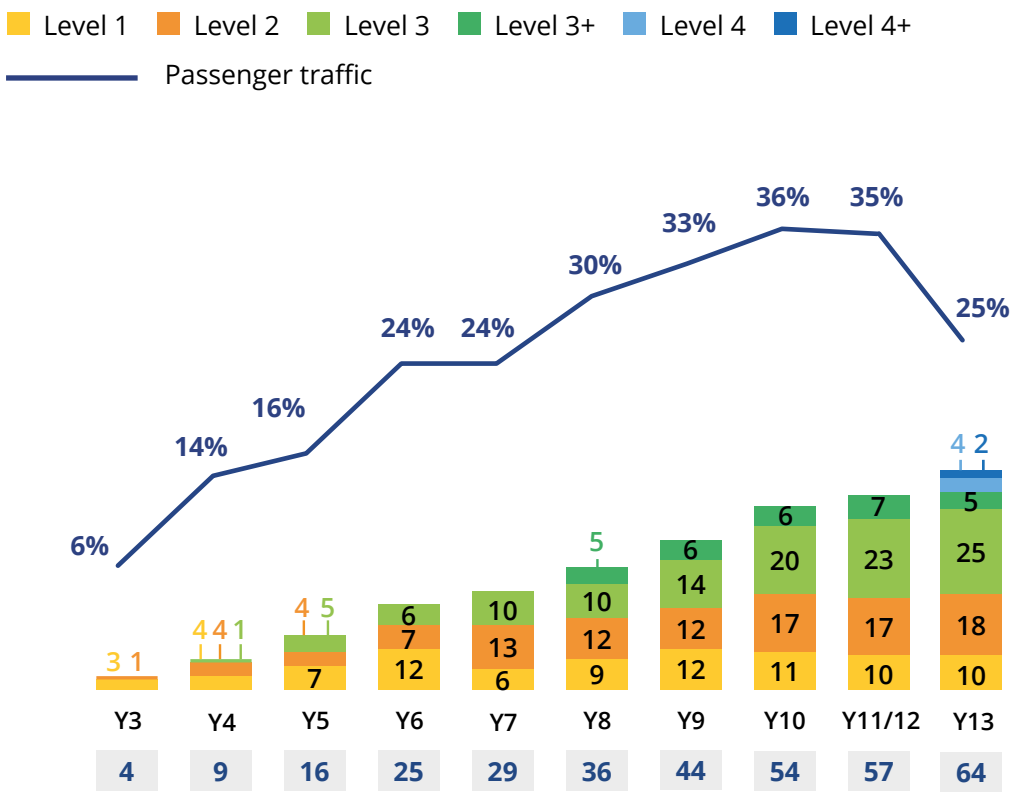
KPI	Y13
Total accreditations	204
New accreditations	49
Growth	+32%
% of European traffic	62%
Number of upgrades	47
Level 3+ airports	44
Level 4/4+ airports	24
Reduction of Scope 1 & 2 CO_2 emissions (tonnes)	242,626
% change compared to 3-year rolling average	-11.9%
CO_2 emissions/passenger (Kgs)	1.33
% change compared to 3-year rolling average	-12.7%

Asia-Pacific



Phnom Penh International Airport / PNH

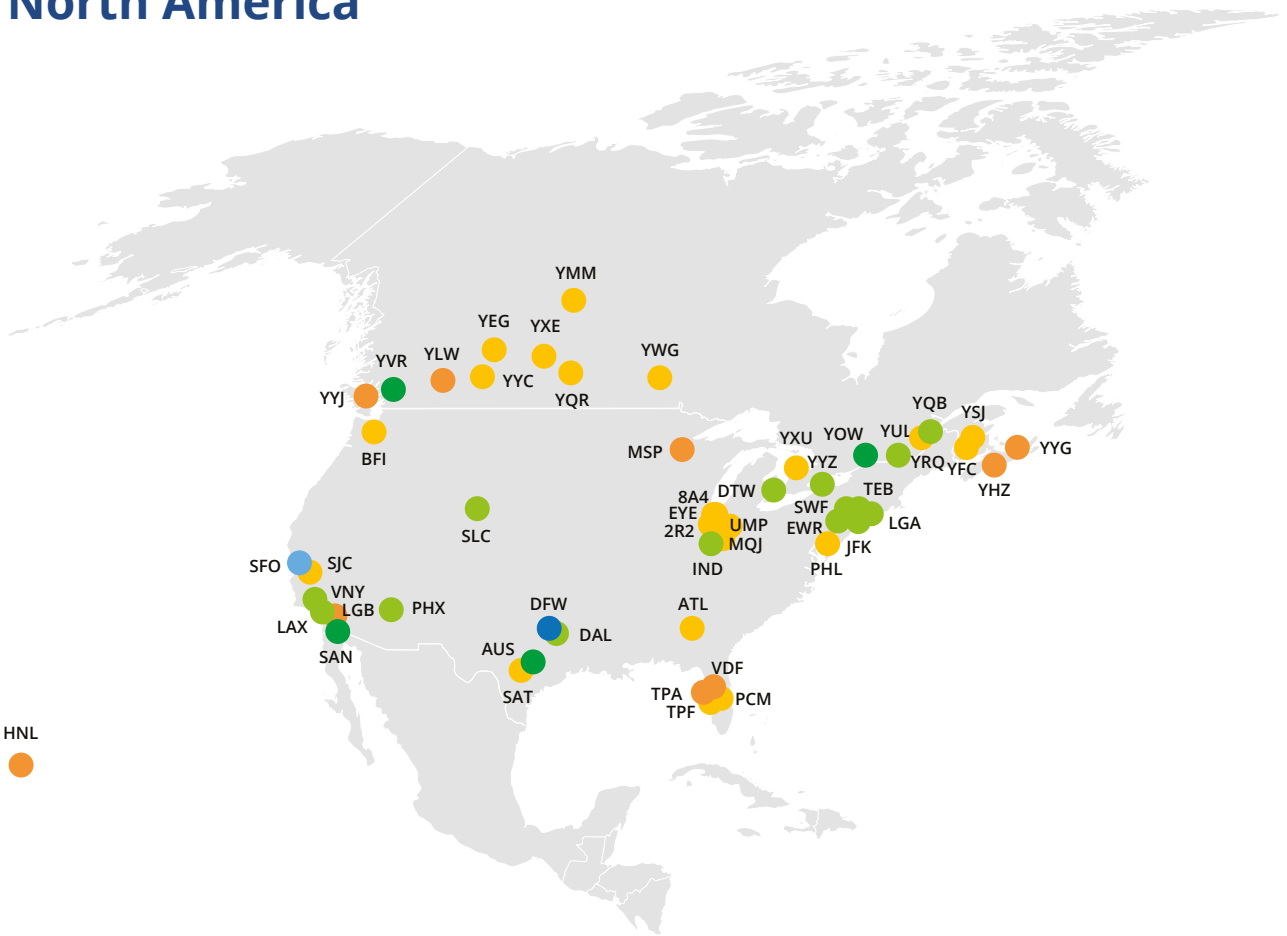
FIGURE 5: **ACCREDITED AIRPORTS OVER TIME - ASIA PACIFIC**[6]

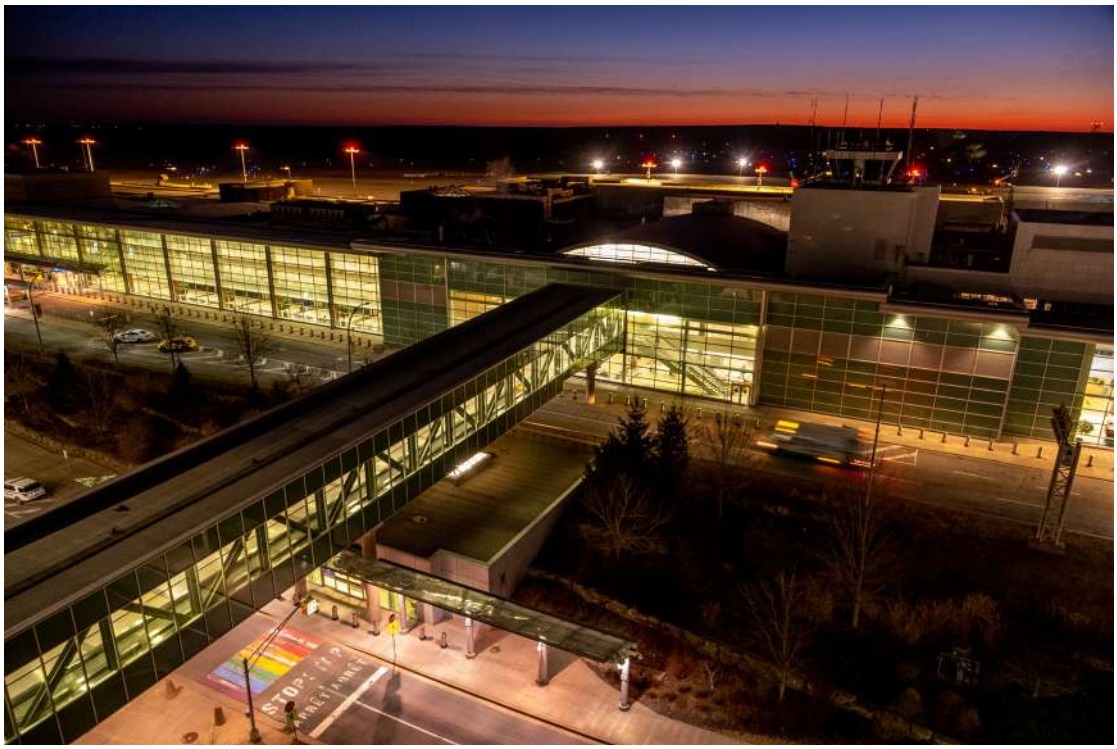


KPI	Y13
Total accreditations	64
New accreditations	7
Growth	+12%
% of Asia-Pacific traffic	25%
Number of upgrades	16
Level 3+ airports	5
Level 4/4+ airports	6
Reduction of Scope 1 & 2 CO_2 emissions (tonnes)	162,623
% change compared to 3-year rolling average	-5.1%
CO_2 emissions/passenger (Kgs)	2.50
% change compared to 3-year rolling average	-5.1%

[6] *Airport Carbon Accreditation* was extended to Asia-Pacific in November 2011.

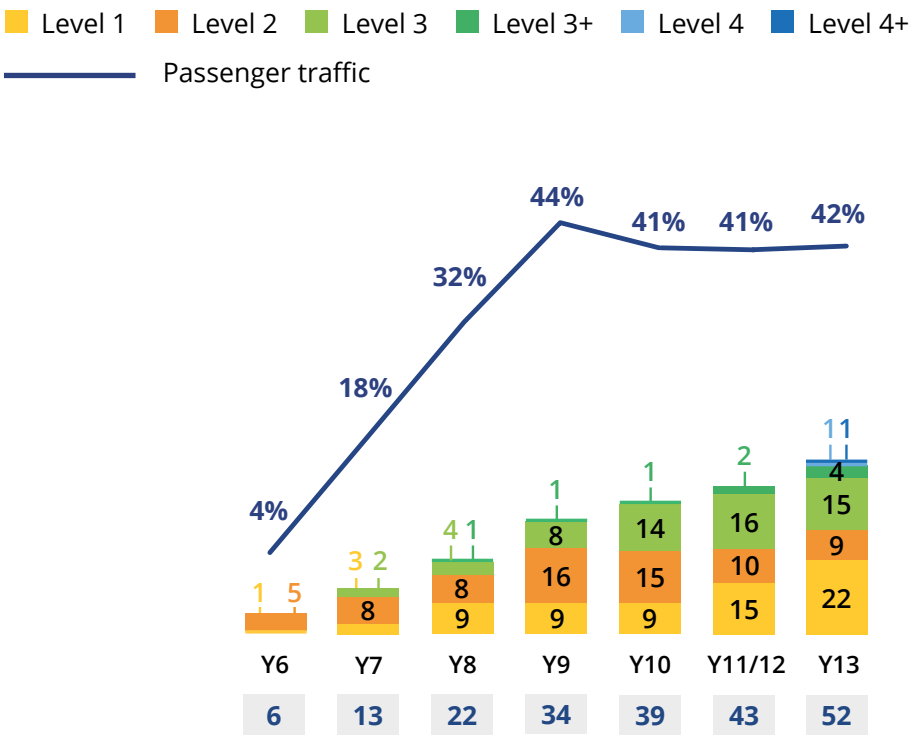
North America





Halifax Stanfield International Airport / YHZ

FIGURE 6: **ACCREDITED AIRPORTS OVER TIME - NORTH AMERICA**[7]

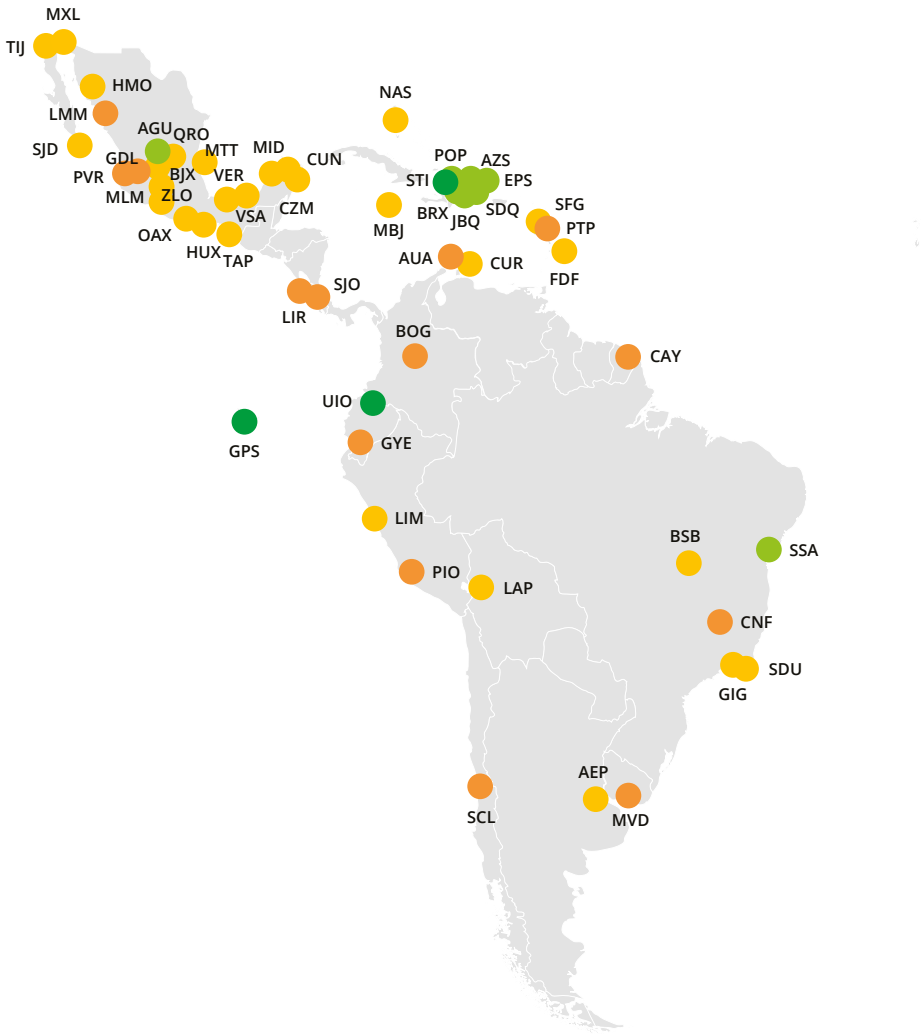


KPI	Y13
Total accreditations	52
New accreditations*	9
Growth	+21%
% of North America traffic	42%
Number of upgrades	10
Level 3+ airports	4
Level 4/4+ airports	2
Reduction of Scope 1 & 2 CO_2 emissions (tonnes)	119,516
% change compared to 3-year rolling average	-10%
CO_2 emissions/passenger (Kgs)	1.38
% change compared to 3-year rolling average	-9.4%

**There were 10 new accreditations and one withdrawal.*

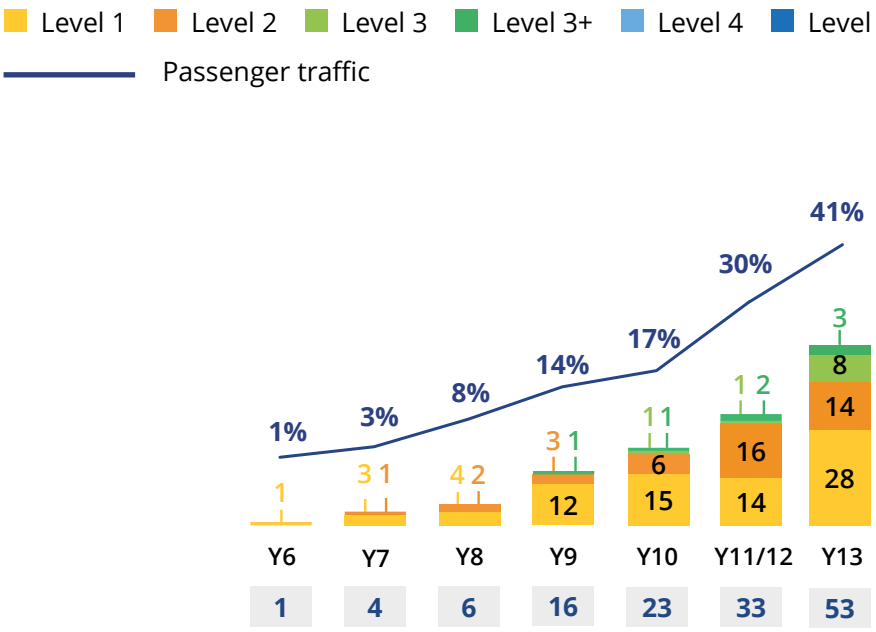
[7] *Airport Carbon Accreditation* was extended to North America in September 2014.

Latin America & the Caribbean



Santiago International Airport / SCL

FIGURE 7: **ACCREDITED AIRPORTS OVER TIME - LATIN AMERICA & THE CARIBBEAN**[8]

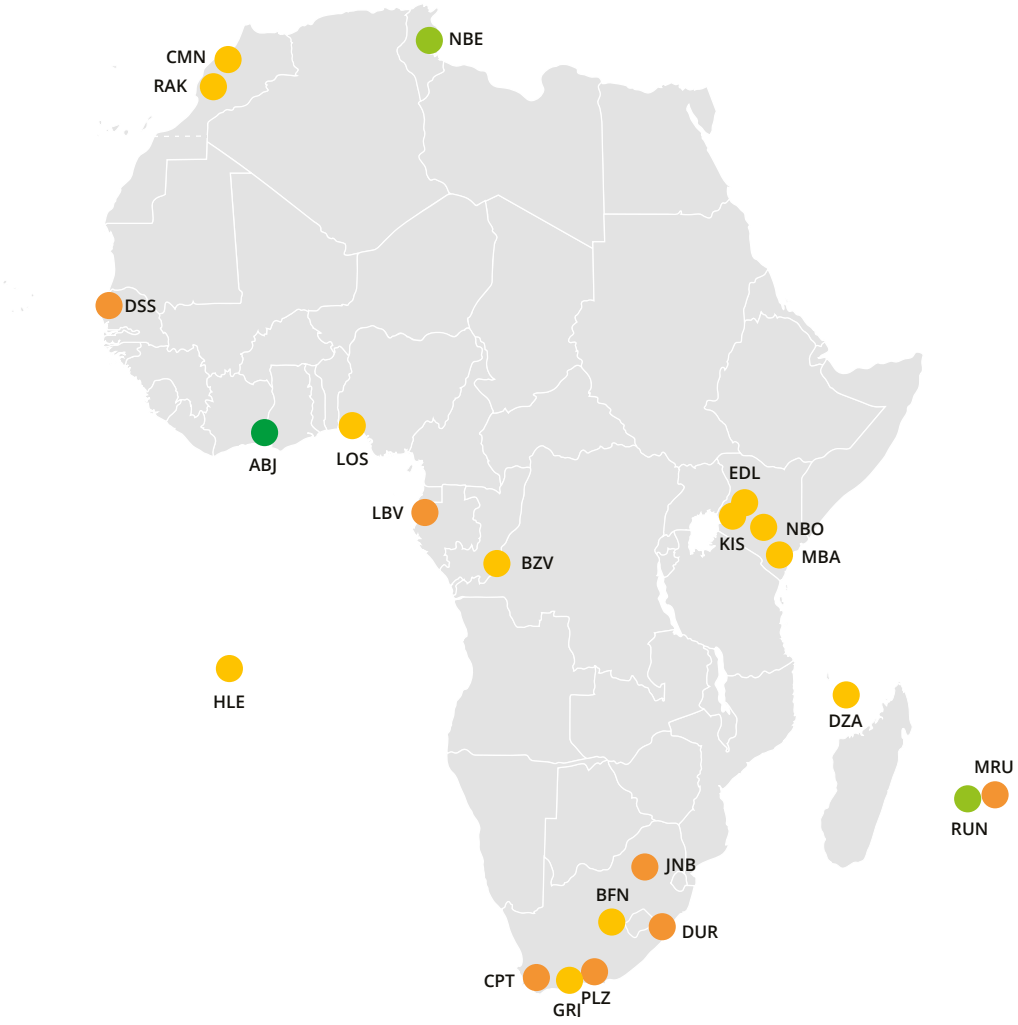


KPI	Y13
Total accreditations	53
New accreditations*	20
Growth	+61%
% of Latin America & Caribbean traffic	41%
Number of upgrades	12
Level 3+ airports	3
Level 4/4+ airports	-
Reduction of Scope 1 & 2 CO_2 emissions (tonnes)	9,439
% change compared to 3-year rolling average	-7.0%
CO_2 emissions/passenger (Kgs)	0.9
% change compared to 3-year rolling average	-6.5%

**There were 20 new accreditations, one withdrawal, and one adjustment from last year.*

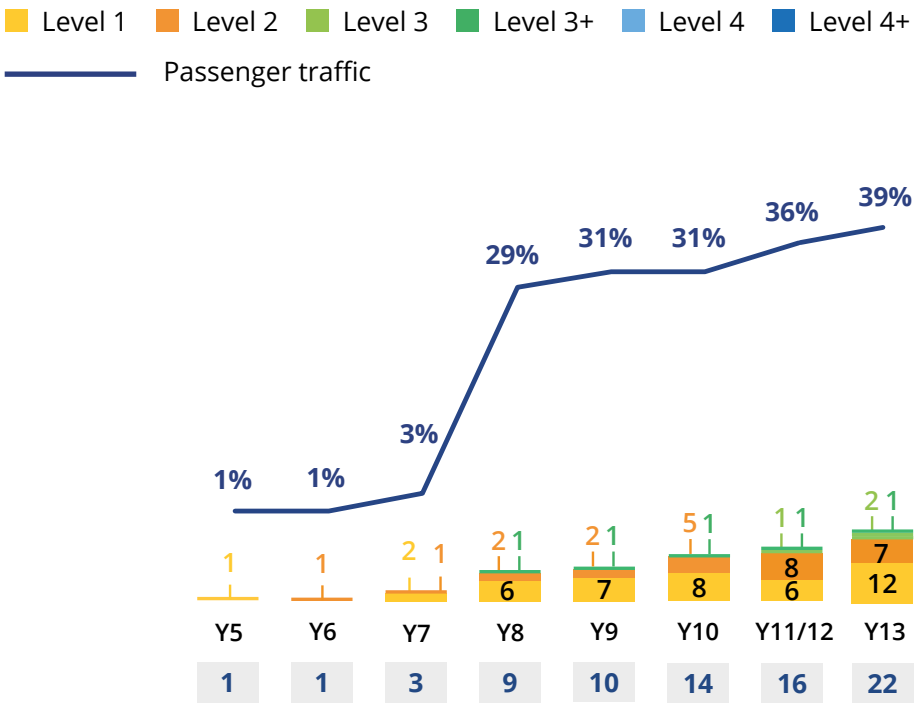
[8] *Airport Carbon Accreditation* was extended to Latin America & the Caribbean in November 2014.

Africa



Blaise Diagne International Airport / DSS

FIGURE 8: **ACCREDITED AIRPORTS OVER TIME - AFRICA**[9]



KPI	Y13
Total accreditations	22
New accreditations	6
Growth	+38%
% of Africa traffic	39%
Number of upgrades	1
Level 3+ airports	1
Level 4/4+ airports	-
Reduction of Scope 1 & 2 CO_2 emissions (tonnes)	15,439
% change compared to 3-year rolling average	-5.9%
CO_2 emissions/passenger (Kgs)	3.25
% change compared to 3-year rolling average	-5.4%

[9] *Airport Carbon Accreditation* was extended to Africa in June 2013.

Carbon Neutrality/Level 3+ and Transition/Level 4+

Carbon neutral airports (Level 3+)	57
Transition airports (Level 4+)	16
Amount of offsets (tonnes of CO_{2e})	898,821
Increase of offsets compared to previous year	+17.2%

FIGURE 9: **TCO_2 PER OFFSETTING INSTRUMENT**

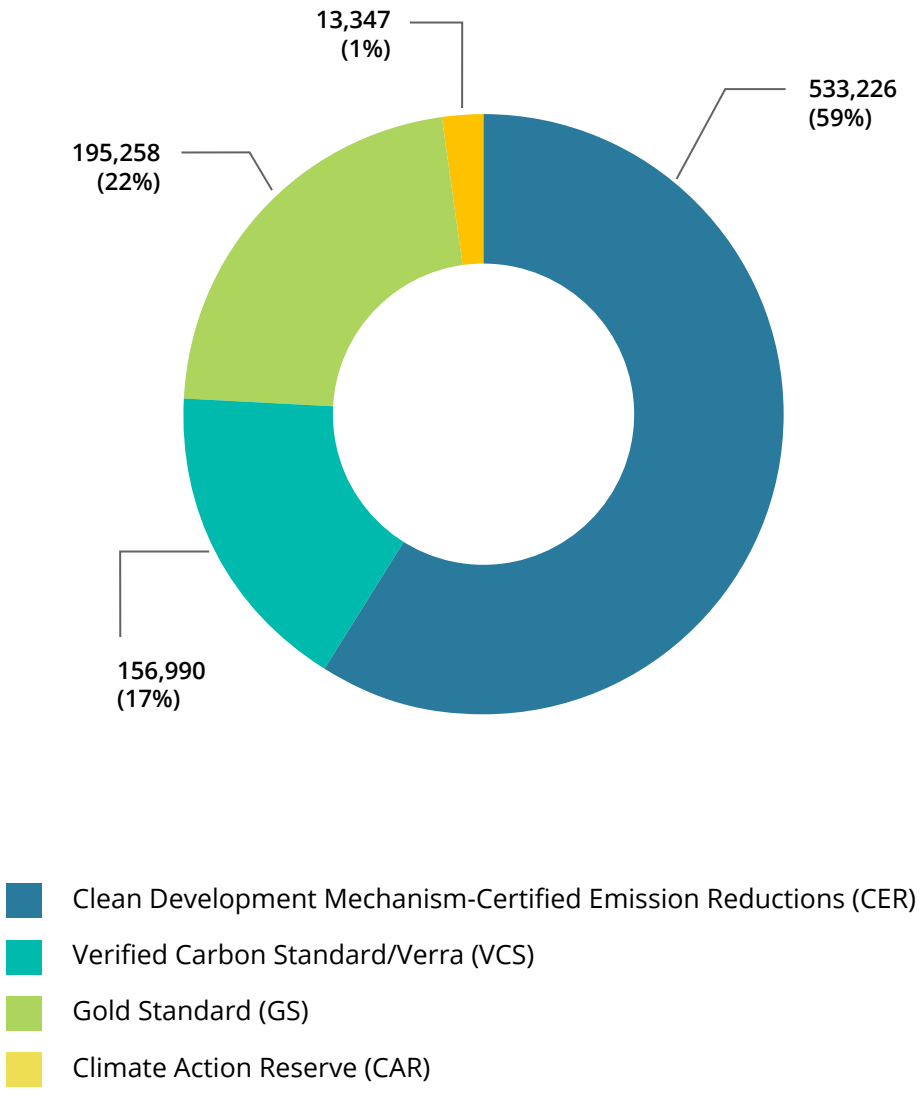
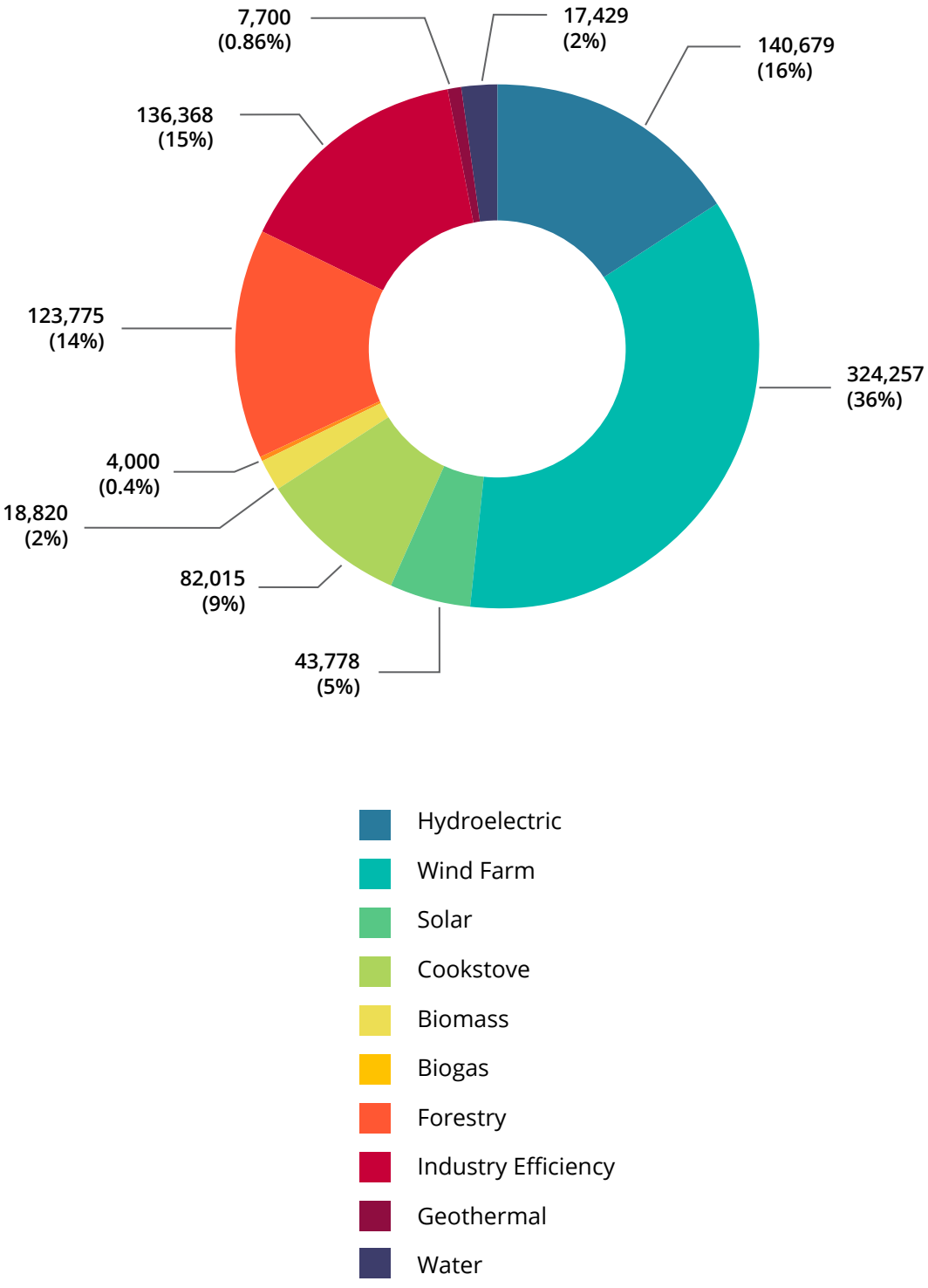


FIGURE 10: **TCO_2 PER OFFSETTING PROJECT TYPE**



Transformation/Transition - Levels 4/4+

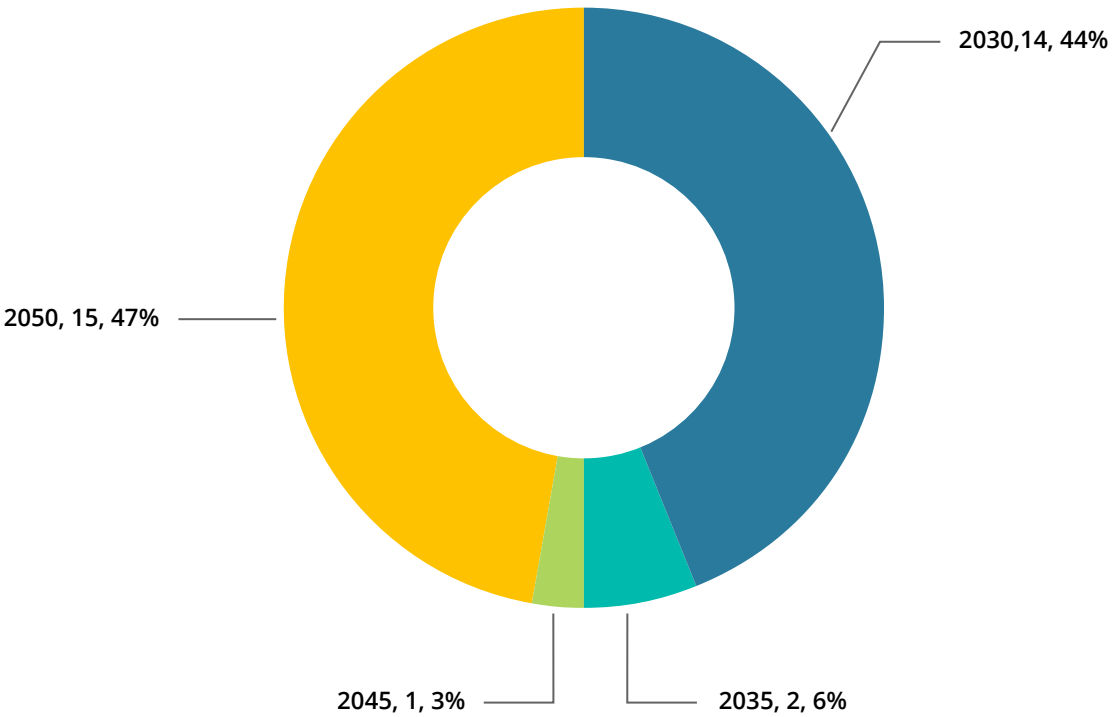
The first major structural change to the programme since its inception in 2009 was announced in November 2020 with the introduction of the two new accreditation levels – Level 4 'Transformation' and Level 4+ 'Transition'. The launch of these two new levels marked a shift in the ambition level of the programme as they require airports to align their carbon management strategies and plans with the objectives of the Paris Agreement, extend the carbon footprint, and enhance stakeholder engagement.

There has been a strong interest by airports for these new accreditation levels. Christchurch Airport in New Zealand became the first airport in the world to reach Level 4, while Dallas Fort Worth International Airport in the United States and Indira Gandhi International Airport in India were the first to achieve Level 4+. In April 2021, Rome Fiumicino and Ciampino airports were the first European airports to achieve Level 4+, while in July 2021 Rotterdam The Hague Airport was world's first airport to achieve carbon accreditation straight in at Level 4+.

Airports at Levels 4/4+	32
Number of airports with net zero emissions target year	17
Expected emission reductions of all airports (tCO_{2e}) by target year (against their respective baseline years)	663,182

FIGURE 11: **LEVELS 4/4+ AIRPORT LONG TERM TARGET YEAR DISTRIBUTION**

(TARGET YEAR, NUMBER OF AIRPORTS, %)



Level 4 Airports

Christchurch International Airport
EuroAirport Basel Mulhouse Freiburg Airport
Faro Airport
Flores Airport
Horta Airport
Kansai International Airport
Kobe Airport
Lisbon Airport
Madeira Airport
Marseille Provence Airport
Osaka International Airport
Ponta Delgada Airport
Porto Airport
Porto Santo Airport
San Francisco International Airport
Santa Maria Airport

Level 4+ Airports

Cannes-Mandelieu Airport
Dallas-Fort Worth International Airport
Eindhoven Airport
Göteborg Landvetter Airport
Heathrow Airport
Indira Gandhi International Airport
Milan-Linate Airport
Milan-Malpensa Airport
Nice Côte d'Azur Airport
Queen Alia International Airport
Rome-Ciampino Airport
Rome-Fiumicino Airport
Rotterdam The Hague Airport
Saint-Tropez Airport
Stockholm-Arlanda Airport
Venice Airport

3. Airport Climate Leadership Case Studies

- Austin-Bergstrom International Airport
- Bahrain International Airport
- Cibao International Airport
- Enfidha Hammamet International Airport
- Monastir Habib Bourguiba International Airport
- Guadalajara International Airport
- Kansai International Airport
- Osaka International Airport
- Kobe Airport
- Léon Mba International Airport
- Phoenix Sky Harbor International Airport
- Sofia Airport

airport carbon accreditation

EXPLAIN HOW ACCREDITATION HAS CHANGED THE WAY YOU ADDRESS CARBON MANAGEMENT ISSUES AT YOUR AIRPORT.

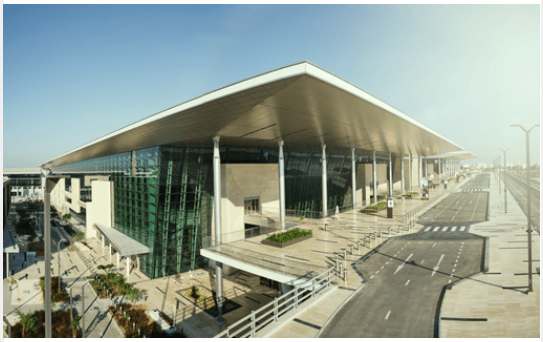
AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

"Airport Carbon Accreditation has been a positive driver for carbon management at Austin-Bergstrom Airport. It has provided an invaluable framework to improve stakeholder engagement and align the airport with community climate goals."

Austin-Bergstrom International Airport

BAHRAIN INTERNATIONAL AIRPORT

"One of our key priorities is to reduce the impact of climate change and steer the transition towards Net Zero carbon emissions. Our accreditation at Level 4 has allowed us to establish a comprehensive carbon reduction trajectory that will take us one step closer to making our goal of Net Zero by 2050 a reality by following the 1.5ºC pathway, and more importantly engaging stakeholders in our decarbonisation journey."



مطار البحرين الدولي
Bahrain International Airport

CIBAO INTERNATIONAL AIRPORT

"The process of accreditation has been a motivating factor to create greater awareness with our partners to promote sustainability and ensure compliance with environmental laws and regulations. At the company level, in addition to the actions prior to accreditation (e.g., installation of 3.0 MW of solar energy), we have taken other important actions to reduce CO_2 emissions, such as the development of a comprehensive solid waste system, involvement of third parties in the management of emissions, delivery of training and awareness-raising actions to the communities around the airport, as well as communication of the accreditation actions to serve as a motivation for other entities at the national and international level."

Aeropuerto Internacional del Cibao

ENFIDHA HAMMAMET INTERNATIONAL AIRPORT & MONASTIR HABIB BOURGUIBA INTERNATIONAL AIRPORT

"*Airport Carbon Accreditation* gave the opportunity to both airports to effectively map and reduce their carbon footprint on an annual basis. This transformation was achieved by developing efficient energy management activities, sharing expertise and best practices, as well as through the commitment of airport users to the global climate goals."

TAV Airports
A member of Groupe ADP

GUADALAJARA INTERNATIONAL AIRPORT

"At Grupo Aeroportuario del Pacifico (GAP), we are convinced that sustainability is the way forward. Our 2030 strategy has driven Guadalajara airport actions in recent years; we have installed solar panels to reduce our emissions related to electricity use and launched projects to decarbonise our vehicles. Looking towards the future, our growth, and our participation in *Airport Carbon Accreditation*, we plan our new terminal building to be LEED-Certified and Net-zero energy as well as include in our carbon inventories indirect emissions from our value chain."

Grupo Aeroportuario del Pacífico

KANSAI INTERNATIONAL AIRPORT, OSAKA INTERNATIONAL AIRPORT & KOBE AIRPORT

"Kansai Airports, which operates Kansai International, Osaka International and Kobe Airports, wish to promote decarbonisation efforts. Through the accreditation process of Level 4 'Transformation', we were able to objectively and accurately understand the current status of CO_2 emissions from the airports and set targets. Furthermore, the awareness of the business operators at the airports regarding decarbonisation has increased."

KANSAI AIRPORTS

LÉON MBA INTERNATIONAL AIRPORT

"The analysis of our electricity and fuel consumption allowed us to identify areas of efficiency improvements, including the replacement of a cooling unit and a generator, installation of LED lighting, and better indoor temperature management. For the management of the terminal that is under construction, more ambitious initiatives are planned, such as the installation of solar panels, the use of rainwater, as well as recycling of waste water."

AÉROPORT DE LIBREVILLE

PHOENIX SKY HARBOR INTERNATIONAL AIRPORT

"*Airport Carbon Accreditation* provides Phoenix Sky Harbor International Airport the ability to accurately measure emissions sources and focus our resources on mitigation efforts that yield the greatest benefit to our community. We are committed to a future-friendly sustainability approach, and are proud to be part of a global program designed to drive meaningful results through the reduction of our overall carbon footprint."

PHX
PHOENIX SKY HARBOR
INTERNATIONAL AIRPORT

SOFIA AIRPORT

"Sofia Airport is firmly resolved to reduce its greenhouse gas emissions by 28% by 2026 and achieve carbon neutrality for operations under its own control by 2036. At present Sofia Airport is the only one certified at Level 3 'Optimisation' in Bulgaria. According to Jesus Caballero – CEO of Sofia Airport and Meridiam Airports, *"Now with Sofia Airport's major transformation we're more than ever building into the future – we're not only focused on our own environmental performance but also on the accomplishments of our airport partners. Our environmentally conscious corporate policy requires us to put natural environment and carbon footprint reduction at the center of our sustainable development. We consider this to be an important investment for the future."*

SOFIA AIRPORT | OPERATED BY SOF Connect

airport carbon accredited TRANSITION

airport carbon accredited TRANSFORMATION

airport carbon accredited NEUTRALITY

airport carbon accredited OPTIMISATION

airport carbon accredited REDUCTION

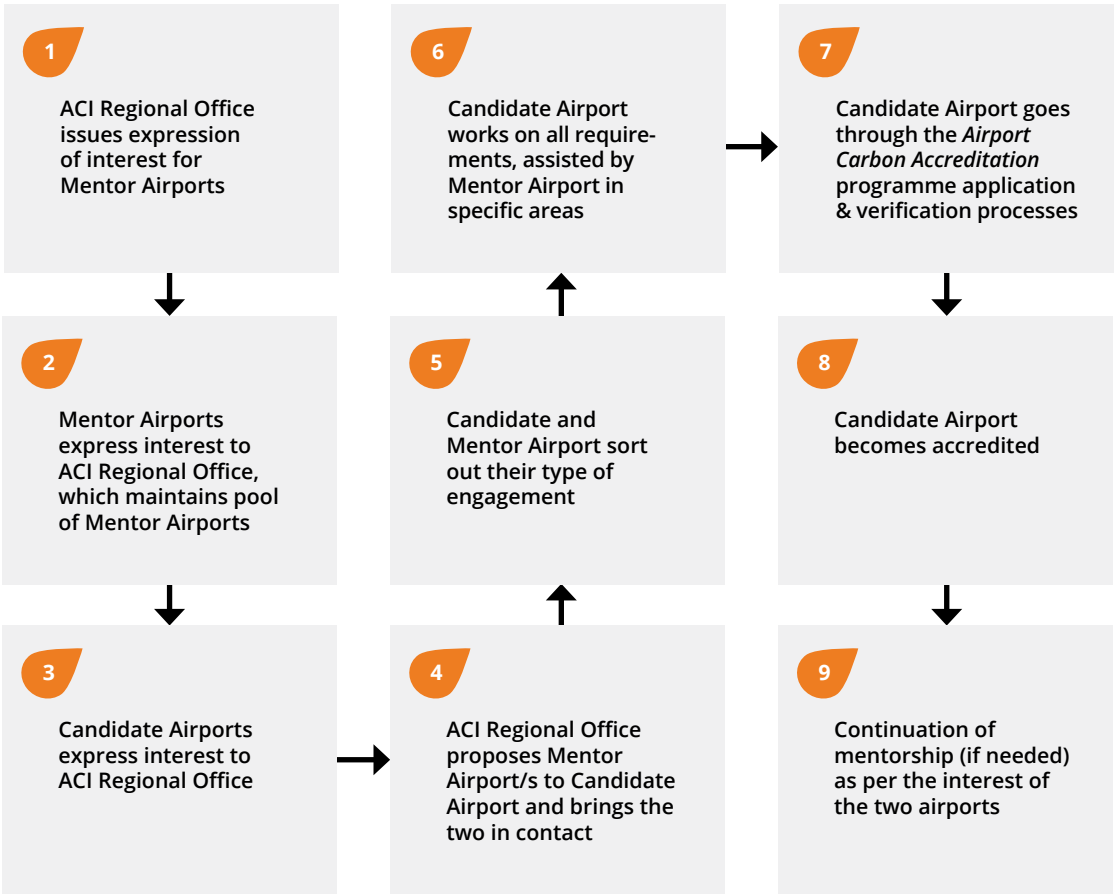
airport carbon accredited MAPPING

4. *Airport Carbon Accreditation* Mentorship Initiative

The Mentorship Initiative, which was launched in January 2021, is a purely voluntary framework whose objective is to overcome entry level barriers as well as accreditation progress obstacles for airports interested in becoming accredited or applying for a higher level of accreditation. Mentor airports share their knowledge, best practices and experience with candidate airports, and thus help ease their journey to become cleaner, more efficient and eventually accredited. In addition, long-term synergies and cooperation between airports are likely to be developed. Until today 18 airports have used the Mentorship Initiative.

The Figure explains how the Mentorship Initiative works, while Christchurch International Airport (mentor) and Hamilton Airport (candidate) share their experience with this framework.

FIGURE 12: **MENTORSHIP INITIATIVE PROCESS WORKFLOW**



1. Why have you decided to apply as a Mentor/Candidate Airport?

Mentor: Christchurch International Airport, New Zealand, has been working on our airport carbon reductions for almost two decades now, and a critical part of that in recent times has been using *Airport Carbon Accreditation* to help set our pathway. This programme offers a framework of what best practice looks like, and what the stepping stones towards achieving that involve. Going through the *Airport Carbon Accreditation* framework, and particularly being audited and externally verified by specialists in both greenhouse gas emissions and airports, we have learnt so much, and set ourselves the challenge of doing better. Climate change requires us all to be prioritising reduction action now. Because of the value of this programme, that offers so much more than simply a certification, we wanted to share our experience with others regarding the carbon reduction journey.

Candidate: Hamilton Airport in New Zealand was approached to see if it would be interested in a mentorship programme and as we were just starting to gain momentum on our sustainability journey, we jumped at the opportunity. Christchurch International Airport is in an aspirational position for us in terms of their sustainability status, so working alongside them on our *Airport Carbon Accreditation* journey is invaluable.

2. Which are the most important benefits of the *Airport Carbon Accreditation* Mentorship Initiative?

Mentor: The *Airport Carbon Accreditation* mentorship programme creates a platform that allows us collectively to progress our carbon reduction programmes faster. Through the Mentorship initiative, we can share how challenges have been addressed, what worked well, and what didn't. There is also a great sense of camaraderie around the problems we face as a network, and those we still have to solve.

Candidate: The advice and the support of an organisation that has "been there, done that" is incredibly helpful to us. The team at Christchurch Airport has been able to make practical recommendations for us that we can implement in our own airport, and as we grow our sustainability activities, we can continue to look to them for assistance and guidance on what is a relatively unknown path.

3. How have you organised the type of engagement between airports?

Mentor: Due to COVID constraints over the previous two years, we have engaged entirely through online meetings, though are hoping this will open up over the coming year.

Candidate: Due to COVID we had to engage virtually, however we do hope to visit at some stage. As members of NZ Airports, we have been able to get together virtually through that forum as well.

4. Would you recommend to other airports to participate in the *Airport Carbon Accreditation* Mentorship Initiative?

Mentor: Christchurch International Airport would definitely recommend it – being able to go through the *Airport Carbon Accreditation* process with another airport that shares or has overcome many of the same challenges allows faster progress. It also presents an opportunity to connect within the industry in a non-competitive way, and ultimately learn what each other do best.

Candidate: Absolutely! We can think of no better way to work collaboratively and learn from the experts. It makes our progress so much clearer and easier.

5. Year 13 Programme Developments

A number of new publications were released to support airport efforts to meet the requirements of the programme and enhance their decarbonisation efforts. These are available on the programme website and the ACI EUROPE website:

- www.airportcarbonaccreditation.org
- www.aci-europe.org

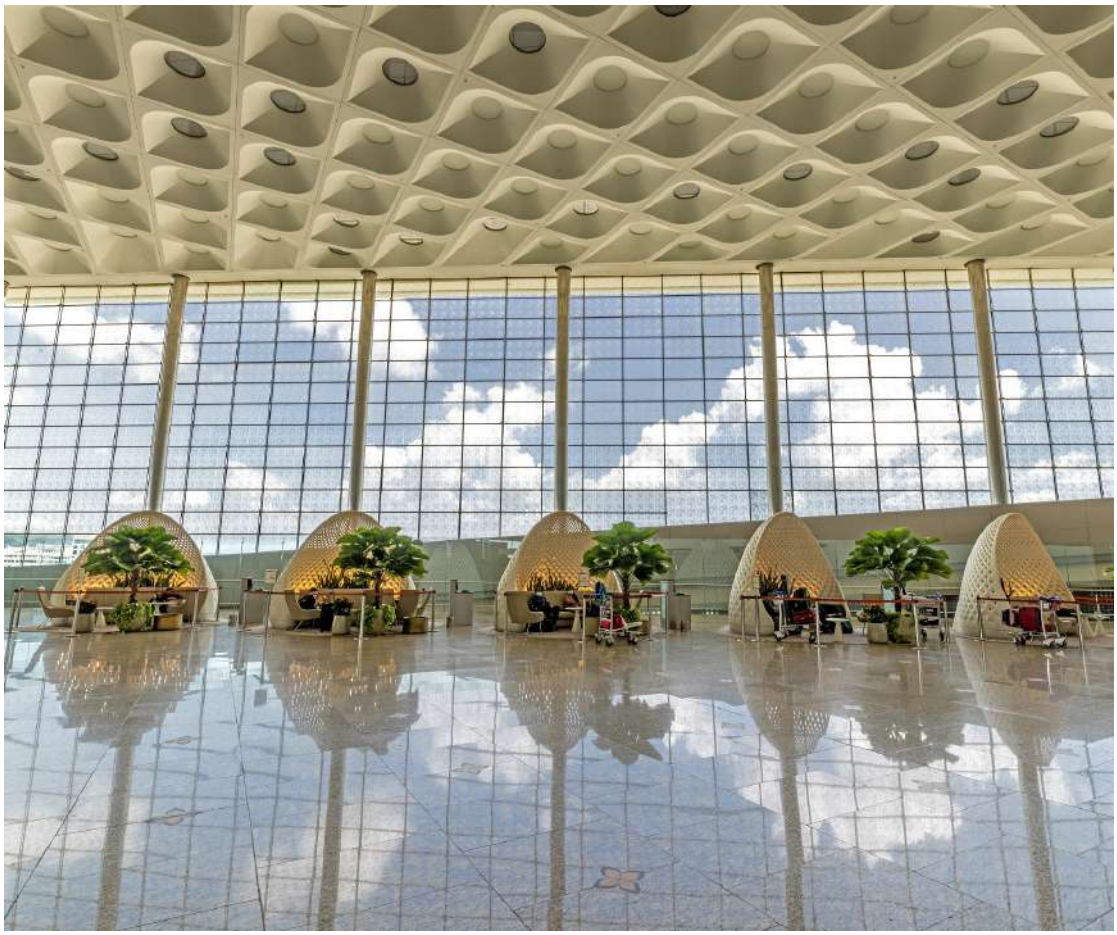
Brussels Airport / BRU

6. Outlook

Airport Carbon Accreditation is planning to take the following actions in the next period:

- ➔ Closely monitor implementation of Levels 4/4+, potentially identifying needs for additional guidance or clarifications.
- ➔ Explore the potential for further changes to the programme structure (e.g., a stringent Level 5) in light of the urgency to step up immediate action to reduce carbon emissions.
- ➔ Roll out a voluntary programme to encourage airport service providers to manage their CO_2 emissions as well as to recognise their efforts.

Christchurch International Airport / CHC



Chhatrapati Shivaji Maharaj International Airport / BOM

7. Methodology

This section presents the methodological approach of the Annual Report.

- Data collection and analysis is a key component ensuring the programme's credibility and transparency. Airports collect and analyse data in line with the programme requirements, which are aligned with international guidelines (e.g., Greenhouse Gas Protocol, ISO). The data is verified by an independent verifier and submitted to the Administrator as part of the online application process. The Administrator reviews the application to ensure high data quality and consistency.

- Operating conditions of each airport differ significantly due to the varying activity scopes, traffic volume, geographic and climatic conditions, size, age of infrastructure and other parameters. Consequently, comparisons between individual airport carbon footprints can be misleading. Therefore, the Annual Report only discloses aggregate data.

- The reporting year 2021-2022 relates to the emissions reported in year 0 by airports, i.e., the most recent 12-month period defined as reference for comparison with historical emissions. This does not necessarily cover the emissions released or reductions achieved during the period May 2021-May 2022, as this data may not yet be available for reporting. Airports do endeavour to report the most up to date data available.

- COVID-19 had a significant impact on the operations of some airports. As a result 78 airports were not able to submit data for Y13. In these cases the analysis uses the most recent available data as reported by these airports.

- The emissions reductions requirement at Levels 2 to 3+ has to be demonstrated against the average historical emissions of the three years before year 0. As year 0 changes every year upon an airport's renewal/upgrade, the three years selected for the average calculations do so as well.

- Newly accredited airports may not have three years of historical data available. The programme therefore recognises that until such data is available, airports can measure reductions against either one or two years of historical data.

- The emissions reductions in this report are calculated for airports accredited at all levels, i.e., also Level 1 airports that do not have to demonstrate reductions but that have provided data for at least one year of historical emissions.

- The carbon performance data shown in the report relate to the location-based methodology for emissions associated with purchased electricity (scope 2), as defined by the Greenhouse Gas Protocol.

- The carbon performance results reflect solely the carbon footprints of accredited airports, and must thus not be used to extrapolate the performance of the whole airport industry at the global or regional level.

- Small differences between aggregate and regional numbers in this report are due to rounding.

- In line with the earlier COVID-19 provisions, Year 11 (mid-May 2019 to mid-May 2020) and Year 12 (mid-May 2020 to mid-May 2021) were merged and are treated as one single reporting year.

Belgrade Nikola Tesla Airport / BEG

8. Accreditations List

*COVID-19 had a significant impact on the operations of some airports. As a result 78 airports have been delayed in submitting data for Y13, with the renewal of the accreditation also being delayed. In these cases, the Annual Report uses the most recent available data as reported by these airports.

EUROPE

LEVEL	AIRPORT	CODE	TYPE
1	Adıyaman Airport	ADF	Entry
1	Alicante-Elche Airport	ALC	Renewal
1	Andorra-La Seu Airport	LEU	Entry
1	Annecy Mont Blanc Airport	NCY	Renewal*
1	Antwerp Airport	ANR	Entry
1	Auxerre-Branches Airport	AUF	Renewal*
1	Avignon-Provence Airport	AVN	Entry
1	Balıkesir Koca Seyit Airport	EDO	Entry
1	Belgrade Nikola Tesla Airport	BEG	Entry
1	Billund Airport	BLL	Entry
1	Bordeaux Airport	BOD	Entry
1	Bourges Airport	BOU	Renewal*
1	Bournemouth International Airport	BOH	Entry
1	Brest Bretagne Airport	BES	Renewal
1	Bursa Yenişehir Airport	YEI	Entry
1	Çanakkale Airport	CKZ	Entry
1	Castellón Airport	CDT	Renewal*
1	Chalon Champforgeuil Airport	XCD	Renewal*
1	Chambéry Savoie Airport Mont Blanc	CMF	Renewal
1	Chania Airport "Ioannis Daskalogiannis"	CHQ	Renewal*
1	Cherbourg Maupertus Airport	CER	Renewal*
1	Cluj Avram Iancu International Airport	CLJ	Entry
1	Cornwall Airport Newquay	NQY	Renewal*
1	Dijon Bourgogne Airport	DIJ	Renewal*
1	Dinard Bretagne Airport	DNR	Renewal
1	Dubrovnik Airport	DBV	Renewal*
1	Erzincan Airport	ERC	Entry
1	Erzurum Airport	ERZ	Entry

1	Exeter Airport	EXT	Entry
1	Gaziantep Airport	GZT	Entry
1	Grenoble Alpes Isère Airport	GNB	Renewal
1	Inverness Airport	INV	Entry
1	Istanbul International Airport	IST	Entry
1	Jersey Airport	JER	Entry
1	Kahramanmaraş Airport	KCM	Entry
1	Kefalonia Airport "Anna Pollatou"	EFL	Renewal*
1	Kristiansand Airport	KRS	Renewal
1	La Rochelle - Île de Ré Airport	LRH	Renewal*
1	Lille Airport	LIL	Entry
1	Limoges International Airport	LIG	Entry
1	Lleida Alguaire Airport	ILD	Entry
1	London Southend Airport	SEN	Entry
1	Meucon Airport	VNE	Renewal*
1	Milas - Bodrum Airport	BJV	Entry
1	Mitilini Airport "Odysseas Elytis"	MJT	Renewal*
1	Nevsehir Kapadokya Airport	NAV	Entry
1	Newcastle International Airport	NCL	Entry
1	Nîmes Alès Camargue Cévennes Airport	FNI	Renewal*
1	Norwich Airport	NWI	Entry
1	Ostend-Bruges International Airport	OST	Entry
1	Paris-Beauvais Airport	BVA	Entry
1	Pays d'Ancenis Airport	LFFI	Renewal
1	Reims-Champagne Airport	RHE	Renewal*
1	Rhodes International Airport	RHO	Renewal*
1	Saint-Nazaire Montoir Airport	SNR	Renewal
1	Samos Airport "Aristarchos of Samos"	SMI	Renewal*
1	Santiago Airport	SCQ	Renewal
1	Shannon Airport	SNN	Entry
1	Sinop Airport	NOP	Entry
1	Sirnak Serafettin Elçi Airport	NKT	Entry
1	Sivas Nuri Demirağ Airport	VAS	Entry
1	St. Gallen-Altenrhein Airport	ACH	Entry
1	Stockholm-Skavsta Airport	NYO	Entry
1	Strasbourg Airport	SXB	Entry
1	Tallinn Airport	TLL	Renewal*
1	Thessaloniki Airport "Makedonia"	SKG	Renewal*

1	Toulon Hyères Airport	TLN	Renewal
1	Toulouse Francazal Airport	LFBF	Renewal*
1	Tours Val de Loire Airport	TUF	Renewal*
1	Troyes-Barberey Airport	QYR	Renewal*
1	Zadar Airport	ZAD	Renewal
1	Zvartnots International Airport	EVN	Entry
2	Aalborg Airport	AAL	Entry
2	Aberdeen Airport	ABZ	Entry
2	Beja Airport	BYJ	Renewal
2	Belfast International Airport	BFS	Entry
2	Ben Gurion International Airport	TLV	Renewal*
2	Bergerac Dordogne Périgord Airport	EGC	Entry
2	Bologna Guglielmo Marconi Airport	BLQ	Renewal
2	Bourgas Airport	BOJ	Renewal
2	Brussels South Charleroi Airport	CRL	Entry
2	Bucharest Băneasa Aurel Vlaicu International Airport	BBU	Upgrade
2	Cagliari Airport	CAG	Upgrade
2	Catania Airport	CTA	Entry
2	Clermont-Ferrand Auvergne Airport	CFE	Upgrade
2	Cork Airport	ORK	Renewal
2	Edinburgh Airport	EDI	Entry
2	Falcone and Borsellino Palermo Airport	PMO	Upgrade
2	George Best Belfast City Airport	BHD	Renewal
2	Glasgow Airport	GLA	Entry
2	Kaunas Airport	KUN	Upgrade
2	Keflavik International Airport	KEF	Renewal*
2	Lanzarote Airport	ACE	Renewal
2	Le Havre Octeville Airport	LEH	Upgrade
2	Leeds Bradford International Airport	LBA	Upgrade
2	Liege Airport	LGG	Renewal
2	Ljubljana International Airport	LJU	Renewal
2	Lyon-Bron Airport	LYN	Entry
2	Málaga Airport	AGP	Renewal
2	Malta International Airport	MLA	Upgrade
2	Menorca Airport	MAH	Upgrade
2	Monaco International Heliport	MCM	Renewal*
2	Montpellier–Méditerranée Airport	MPL	Entry
2	Nantes Atlantique Airport	NTE	Renewal

2	Olbia Costa Smeralda Airport	OLB	Renewal
2	Palanga Airport	PLQ	Upgrade
2	Poitiers Biard Airport	PIS	Upgrade
2	Quimper Bretagne Airport	UIP	Upgrade
2	Rennes Bretagne Airport	RNS	Renewal
2	Riga International Airport	RIX	Upgrade
2	Southampton International Airport	SOU	Renewal
2	Tarbes-Lourdes-Pyrénées Airport	LDE	Upgrade
2	Tirana International Airport	TIA	Renewal*
2	Torino Airport	TRN	Upgrade
2	Varna Airport	VAR	Renewal
2	Verona Airport	VRN	Renewal
3	Adolfo Suárez Madrid-Barajas Airport	MAD	Renewal
3	Bucharest Henri Coandă International Airport	OTP	Renewal
3	Düsseldorf International Airport	DUS	Renewal
3	Frankfurt Airport	FRA	Renewal
3	Josep Tarradellas Barcelona-El Prat Airport	BCN	Renewal
3	London Luton Airport	LTN	Upgrade
3	Milan Bergamo Airport	BGY	Upgrade
3	Munich Airport	MUC	Renewal
3	Palma de Mallorca Airport	PMI	Upgrade
3	Paris Charles de Gaulle Airport	CDG	Renewal
3	Paris Le Bourget Airport	LBG	Renewal
3	Paris Orly Airport	ORY	Renewal
3	Prague Airport	PRG	Renewal
3	Sofia Airport	SOF	Upgrade
3	Stuttgart Airport	STR	Renewal
3	Toulouse-Blagnac Airport	TLS	Renewal
3	Vienna International Airport	VIE	Renewal*
3	Vilnius International Airport	VNO	Upgrade
3	Zagreb Airport	ZAG	Upgrade
3	Zürich Airport	ZRH	Renewal
3+	Amsterdam Airport Schiphol	AMS	Renewal
3+	Ankara Esenboğa Airport	ESB	Renewal
3+	Antalya International Airport	AYT	Renewal
3+	Åre Östersund Airport	OSD	Renewal*
3+	Athens International Airport	ATH	Renewal
3+	Bergen Airport	BGO	Renewal

3+	Bristol Airport	BRS	Renewal*
3+	Brussels Airport	BRU	Renewal
3+	Budapest Airport	BUD	Renewal
3+	Copenhagen Airport	CPH	Renewal*
3+	Dublin Airport	DUB	Upgrade
3+	East Midlands Airport	EMA	Renewal
3+	Enontekiö Airport	ENF	Renewal
3+	Farnborough Airport	FAB	Renewal
3+	Geneva Airport	GVA	Renewal
3+	Hamburg Airport	HAM	Upgrade
3+	Helsinki Airport	HEL	Renewal
3+	Ivalo Airport	IVL	Renewal
3+	Izmir Adnan Menderes International Airport	ADB	Renewal
3+	Kemi-Tornio Airport	KEM	Renewal
3+	Kiruna Airport	KRN	Renewal*
3+	Kittilä Airport	KTT	Renewal
3+	Kuusamo Airport	KAO	Renewal
3+	Larnaka International Airport	LCA	Renewal
3+	London City Airport	LCY	Renewal
3+	London Gatwick Airport	LGW	Renewal
3+	London Stansted Airport	STN	Renewal
3+	Luleå Airport	LLA	Renewal*
3+	Luxembourg Airport	LUX	Upgrade
3+	Lyon Airport	LYS	Renewal
3+	Malmö Airport	MMX	Renewal*
3+	Manchester Airport	MAN	Renewal
3+	Naples International Airport	NAP	Renewal
3+	Oslo Airport	OSL	Renewal
3+	Pafos International Airport	PFO	Renewal
3+	Pristina International Airport 'Adem Jashari'	PRN	Renewal
3+	Ronneby Airport	RNB	Renewal
3+	Rovaniemi Airport	RVN	Renewal
3+	Stavanger Airport	SVG	Renewal
3+	Stockholm Bromma Airport	BMA	Renewal*
3+	Treviso Airport	TSF	Renewal
3+	Trondheim Airport	TRD	Renewal
3+	Umeå Airport	UME	Renewal*
3+	Visby Airport	VBY	Renewal*

4	EuroAirport Basel Mulhouse Freiburg Airport	BSL	Upgrade
4	Faro Airport	FAO	Upgrade
4	Flores Airport	FLW	Upgrade
4	Horta Airport	HOR	Upgrade
4	Lisbon Airport	LIS	Upgrade
4	Madeira Airport	FNC	Upgrade
4	Marseille Provence Airport	MRS	Upgrade
4	Ponta Delgada Airport	PDL	Upgrade
4	Porto Airport	OPO	Upgrade
4	Porto Santo Airport	PXO	Upgrade
4	Santa Maria Airport	SMA	Upgrade
4+	Cannes-Mandelieu Airport	CEQ	Upgrade
4+	Eindhoven Airport	EIN	Upgrade
4+	Göteborg Landvetter Airport	GOT	Upgrade
4+	Heathrow Airport	LHR	Upgrade
4+	Milan-Linate Airport	LIN	Upgrade
4+	Milan-Malpensa Airport	MXP	Upgrade
4+	Nice Côte d'Azur Airport	NCE	Upgrade
4+	Rome-Ciampino Airport	CIA	Upgrade
4+	Rome-Fiumicino Airport	FCO	Upgrade
4+	Rotterdam The Hague Airport	RTM	Entry
4+	Saint-Tropez Airport	LTT	Upgrade
4+	Stockholm-Arlanda Airport	ARN	Upgrade
4+	Venice Airport	VCE	Upgrade

Aalborg Airport / AAL

Dalaman Airport / DLM

Tallinn Airport / TLL

ASIA-PACIFIC

LEVEL	AIRPORT	CODE	TYPE
1	Broome International Airport	BME	Entry
1	Duqm International Airport	DQM	Entry
1	Gold Coast Airport	OOL	Renewal
1	Halim Perdanakusuma Airport	HLZ	Entry
1	King Khaled International Airport	RUH	Entry
1	Longreach Airport	LRE	Renewal
1	Muscat International Airport	MCT	Renewal
1	Phuket International Airport	HKT	Entry
1	Tahiti-Faa'a International Airport	PPT	Entry
1	Zhengzhou Xinzheng International Airport	CGO	Renewal*
2	Biju Patnaik International Airport	BBI	Renewal*
2	Guangzhou Bai Yun International Airport	CAN	Renewal
2	Hawke's Bay Airport	NPE	Upgrade
2	Hobart International Airport	HBA	Renewal*
2	La Tontouta International Airport	NOU	Renewal
2	Lal Bahadur Shastri International Airport	VNS	Renewal*
2	Macau International Airport	MFM	Renewal
2	Melbourne Airport	MEL	Renewal*
2	Mount Isa Airport	ISA	Renewal
2	Netaji Subhash Chandra Bose International Airport	CCU	Renewal*
2	New Plymouth Airport	NPL	Entry
2	Palmerston North Airport	PMR	Upgrade
2	Perth Airport	PER	Upgrade
2	Phnom Penh International Airport	PNH	Upgrade
2	Siem Reap International Airport	REP	Upgrade
2	Sihanouk International Airport	KOS	Upgrade
2	Townsville Airport	TSV	Renewal*
2	Trivandrum International Airport	TRV	Renewal*
3	Abu Dhabi International Airport	AUH	Renewal*
3	Adelaide Airport	ADL	Renewal
3	Adelaide Parafield Airport	YPPF	Renewal
3	Bahrain International Airport	BAH	Upgrade
3	Brisbane International Airport	BNE	Renewal
3	Chengdu Shuangliu International Airport	CTU	Upgrade

3	Chiang Mai International Airport	CNX	Renewal*
3	Don Mueang International Airport	DMK	Renewal*
3	Dubai International Airport	DXB	Renewal*
3	Dubai World Central Airport	DWC	Renewal*
3	Hamad International Airport	DOH	Renewal
3	Hat Yai International Airport	HDY	Renewal*
3	Hong Kong International Airport	HKG	Renewal
3	Incheon International Airport	ICN	Renewal*
3	Kaohsiung International Airport	KHH	Renewal
3	Kuala Lumpur International Airport	KUL	Renewal*
3	Mae Fah Luang - Chiang Rai International Airport	CEI	Renewal*
3	Nadi International Airport	NAN	Renewal
3	Narita International Airport	NRT	Renewal
3	Salalah International Airport	SLL	Upgrade
3	Shenzhen Bao'an International Airport	SZX	Upgrade
3	Singapore Changi Airport	SIN	Renewal
3	Suvarnabhumi Airport	BKK	Renewal*
3	Sydney International Airport	SYD	Renewal
3	Taiwan Taoyuan International Airport	TPE	Renewal
3+	Kempegowda International Airport	BLR	Renewal
3+	Mumbai International Airport	BOM	Renewal*
3+	Rajiv Gandhi International Airport	HYD	Renewal
3+	Sharjah International Airport	SHJ	Renewal
3+	Sunshine Coast Airport	MCY	Renewal
4	Christchurch International Airport	CHC	Upgrade
4	Kansai International Airport	KIX	Upgrade
4	Kobe Airport	UKB	Upgrade
4	Osaka International Airport	ITM	Upgrade
4+	Indira Gandhi International Airport	DEL	Upgrade
4+	Queen Alia International Airport	AMM	Upgrade

NORTH AMERICA

LEVEL	AIRPORT	CODE	TYPE
1	Bacacheri Airport	BFI	Entry
1	Calgary International Airport	YYC	Entry
1	Downtown Heliport	8A4	Renewal
1	Eagle Creek Airpark	EYE	Renewal
1	Edmonton International Airport	YEG	Renewal
1	Fort McMurray Airport	YMM	Entry
1	Fredericton International Airport	YFC	Renewal
1	Hartsfield-Jackson Atlanta International Airport	ATL	Entry
1	Hendricks County Airport-Gordon Graham Field	2R2	Renewal
1	Indianapolis Regional Airport	MQJ	Renewal
1	London International Airport	YXU	Entry
1	Metropolitan Airport	UMP	Renewal
1	Norman Y. Mineta San Jose International Airport	SJC	Entry
1	Peter O. Knight Airport	TPF	Renewal*
1	Philadelphia International Airport	PHL	Entry
1	Plant City Airport	PCM	Renewal*
1	Regina International Airport	YQR	Renewal
1	Saint John Airport	YSJ	Renewal
1	San Antonio International Airport	SAT	Entry
1	Saskatoon John G. Diefenbaker International Airport	YXE	Renewal
1	Trois-Rivières Airport	YRQ	Entry
1	Winnipeg James Armstrong Richardson International Airport	YWG	Renewal
2	Charlottetown Airport	YYG	Upgrade
2	Halifax Robert L. Stanfield International Airport	YHZ	Renewal
2	Honolulu International Airport	HNL	Renewal
2	Kelowna International Airport	YLW	Upgrade
2	Long Beach Airport	LGB	Entry
2	Minneapolis-Saint Paul International Airport	MSP	Renewal
2	Tampa Executive Airport	VDF	Renewal*
2	Tampa International Airport	TPA	Renewal*
2	Victoria International Airport	YYJ	Renewal
3	Dallas Love Field Airport	DAL	Upgrade
3	Detroit Metropolitan Airport	DTW	Renewal*
3	Indianapolis International Airport	IND	Renewal

3	John F. Kennedy International Airport	JFK	Renewal*
3	LaGuardia Airport	LGA	Renewal*
3	Los Angeles International Airport	LAX	Renewal
3	Montréal–Trudeau International Airport	YUL	Renewal
3	Newark Liberty International Airport	EWR	Renewal*
3	Phoenix Sky Harbor International Airport	PHX	Upgrade
3	Québec City Jean Lesage International Airport	YQB	Renewal*
3	Salt Lake City International Airport	SLC	Upgrade
3	Stewart International Airport	SWF	Renewal*
3	Teterboro Airport	TEB	Renewal*
3	Toronto Pearson International Airport	YYZ	Renewal
3	Van Nuys Airport	VNY	Renewal
3+	Austin-Bergstrom International Airport	AUS	Upgrade
3+	Ottawa Macdonald-Cartier International Airport	YOW	Upgrade
3+	San Diego International Airport	SAN	Renewal
3+	Vancouver International Airport	YVR	Upgrade
4	San Francisco International Airport	SFO	Upgrade
4+	Dallas-Fort Worth International Airport	DFW	Upgrade

Hartsfield-Jackson Atlanta International Airport / ATL

LATIN AMERICA & THE CARIBBEAN

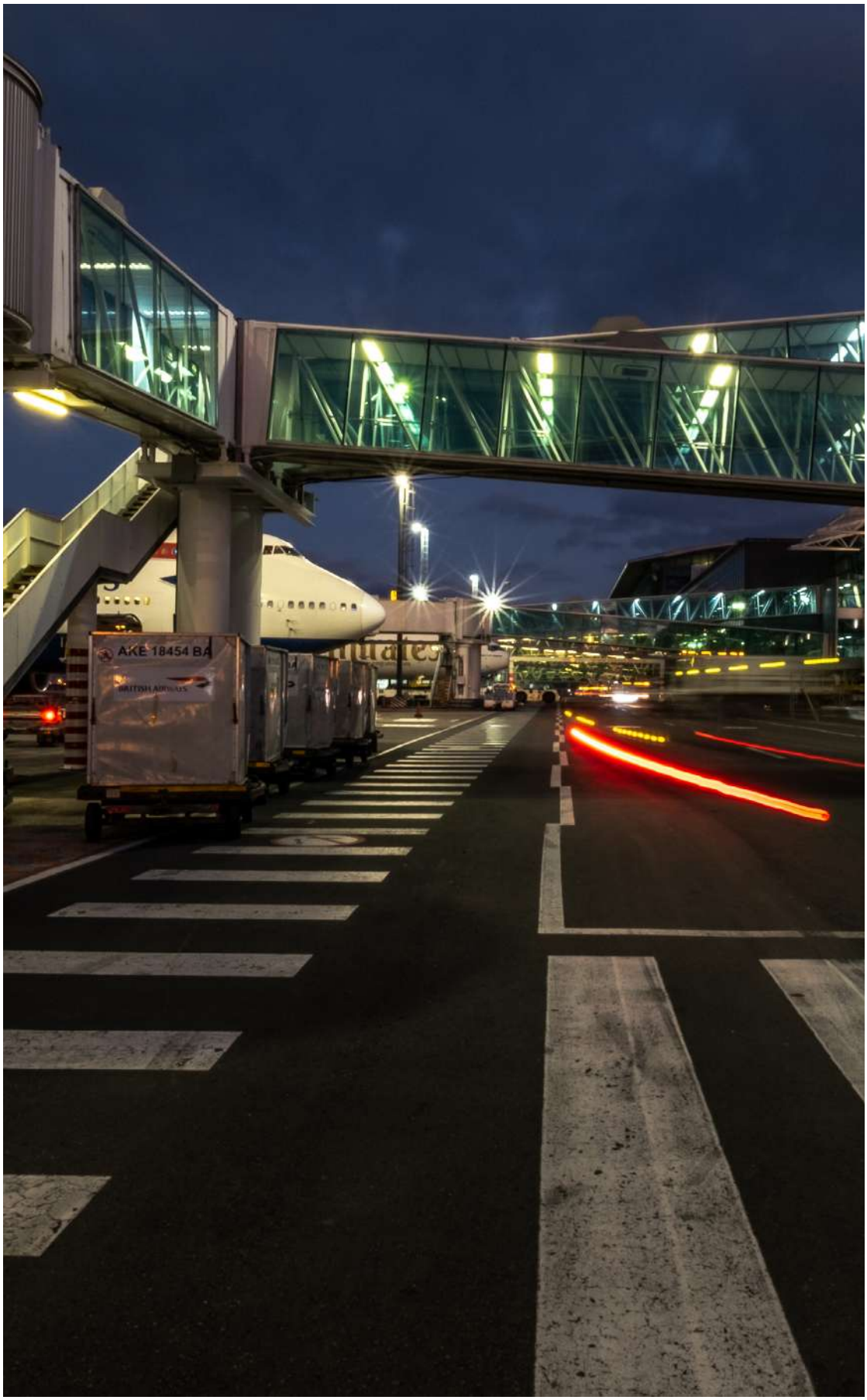
LEVEL	AIRPORT	CODE	TYPE
1	Brasilia International Airport	BSB	Renewal
1	Cancun International Airport	CUN	Entry
1	Cozumel International Airport	CZM	Entry
1	Curaçao International Airport	CUR	Renewal*
1	General Francisco J. Mujica International Airport	MLM	Entry
1	General Rodolfo Sánchez Taboada International Airport	MXL	Entry
1	Guanajuato International Airport	BJX	Renewal
1	Hermosillo International Airport	HMO	Renewal
1	Huatulco Airport	HUX	Entry
1	Jorge Chavez International Airport	LIM	Renewal
1	Jorge Newbery Airfield	AEP	Renewal*
1	La Paz International Airport	LAP	Renewal
1	Los Cabos International Airport	SJD	Renewal
1	Lynden Pindling International Airport	NAS	Entry
1	Martinique Aimé Césaire International Airport	FDF	Entry
1	Mérida International Airport	MID	Entry
1	Minatitlàn Airport	MTT	Entry
1	Oaxaca International Airport	OAX	Entry
1	Playa de Oro International Airport	ZLO	Entry
1	Querétaro Intercontinental Airport	QRO	Entry
1	Rio de Janeiro International Airport	GIG	Entry
1	Saint Martin Grand Case Airport	SFG	Renewal*
1	Sangster International Airport	MBJ	Entry
1	Santos Dumont Airport	SDU	Entry
1	Tapachula International Airport	TAP	Entry
1	Tijuana International Airport	TIJ	Renewal
1	Veracruz International Airport	VER	Entry
1	Villahermosa International Airport	VSA	Entry
2	Carrasco International Airport	MVD	Renewal
2	Cayenne-Félix Eboué Airport	CAY	Entry
2	El Dorado International Airport	BOG	Renewal
2	Guadalajara International Airport	GDL	Renewal
2	Guadeloupe Airport	PTP	Upgrade
2	Guayaquil International Airport	GYE	Renewal*

2	Juan Santamaria International Airport	SJO	Renewal*
2	Liberia Guanacaste Airport	LIR	Entry
2	Los Mochis International Airport	LMM	Upgrade
2	Pisco Airport	PIO	Renewal
2	Puerto Vallarta Airport	PVR	Renewal
2	Queen Beatrix International Airport	AUA	Upgrade
2	Santiago International Airport	SCL	Upgrade
2	Tancredo Neves International Airport	CNF	Renewal
3	Aguascalientes International Airport	AGU	Upgrade
3	Arroyo Barril International Airport	EPS	Upgrade
3	Gregorio Luperón International Airport	POP	Upgrade
3	La Isabela International Airport	JBQ	Upgrade
3	Las Américas International Airport	SDQ	Upgrade
3	María Montez International Airport	BRX	Upgrade
3	Salvador International Airport	SSA	Upgrade
3	Samaná El Catey International Airport	AZS	Upgrade
3+	Cibao International Airport	STI	Renewal
3+	Galápagos Ecological Airport	GPS	Renewal
3+	Mariscal Sucre International Airport	UIO	Renewal

La Paz International Airport / LAP

AFRICA

LEVEL	AIRPORT	CODE	TYPE
1	Bram Fischer International Airport	BFN	Renewal*
1	Brazzaville Maya-Maya International Airport	BZV	Entry
1	Casablanca Mohammed V International Airport	CMN	Renewal
1	Dzaoudzi Pamandzi International Airport	DZA	Renewal*
1	Eldoret Airport	EDL	Entry
1	George Airport	GRJ	Renewal*
1	Jomo Kenyatta International Airport	NBO	Entry
1	Kisumu International Airport	KIS	Entry
1	Marrakech Ménara Airport	RAK	Renewal
1	Moi International Airport	MBA	Entry
1	Murtala Muhammed International Airport	LOS	Renewal*
1	St Helena Airport	HLE	Entry
2	Blaise Diagne International Airport	DSS	Renewal*
2	Cape Town International Airport	CPT	Renewal
2	King Shaka International Airport	DUR	Renewal
2	Léon Mba International Airport	LBV	Renewal
2	O.R. Tambo International Airport	JNB	Renewal
2	Port Elizabeth International Airport	PLZ	Renewal
2	Sir Seewoosagur Ramgoolam Airport	MRU	Renewal
3	Enfidha Hammamet International Airport	NBE	Renewal*
3	La Réunion Roland Garros Airport	RUN	Upgrade
3+	Félix-Houphouët-Boigny International Airport	ABJ	Renewal



Cape Town International Airport / CPT

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