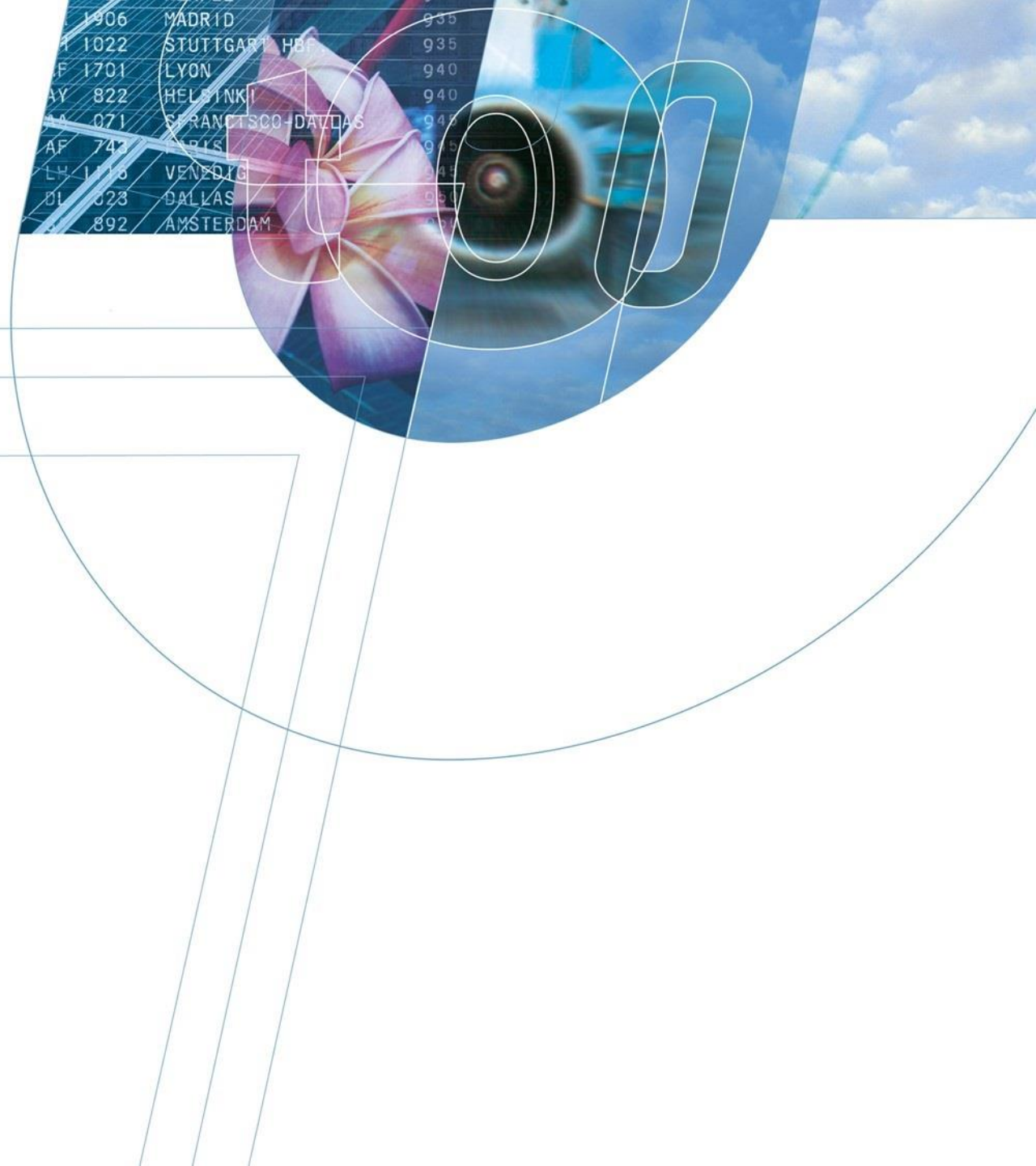


18 May 2022, Singapore



Discussion on decarbonization

17th ACI Asia-Pacific Regional Assembly

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Panel introduction

This panel discusses the decarbonization journey by airports.
The following topics will be discussed:

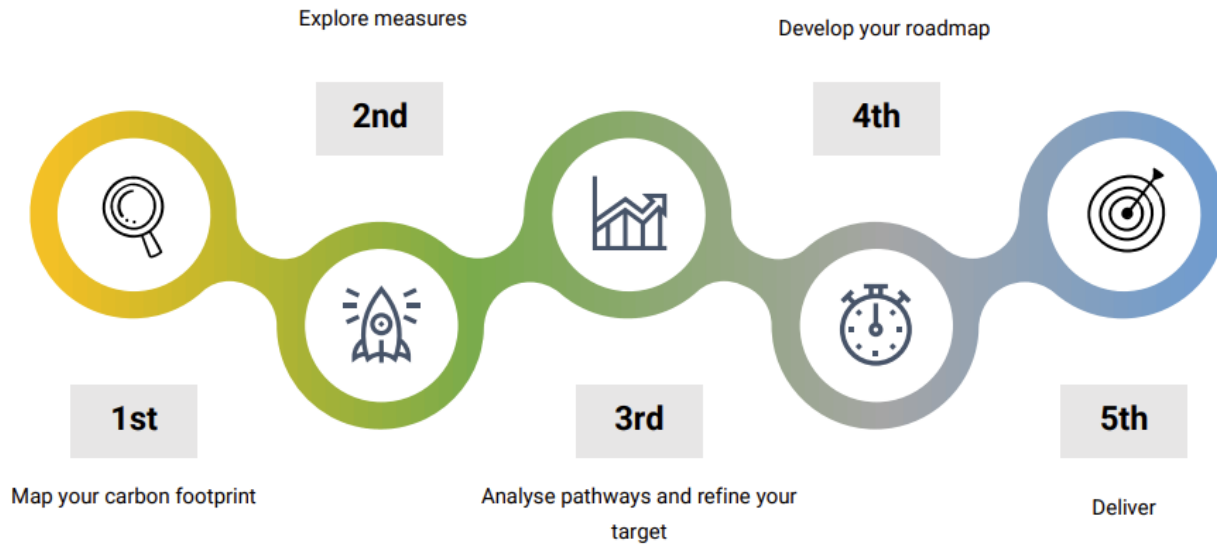
1. The road to Net Zero Carbon airports
2. Greening energy requirements through partnerships
3. Environmental, Social, and Governance (ESG) and green financing opportunities



Net Zero Carbon Airports

Roadmap guidance

Roadmap Repository



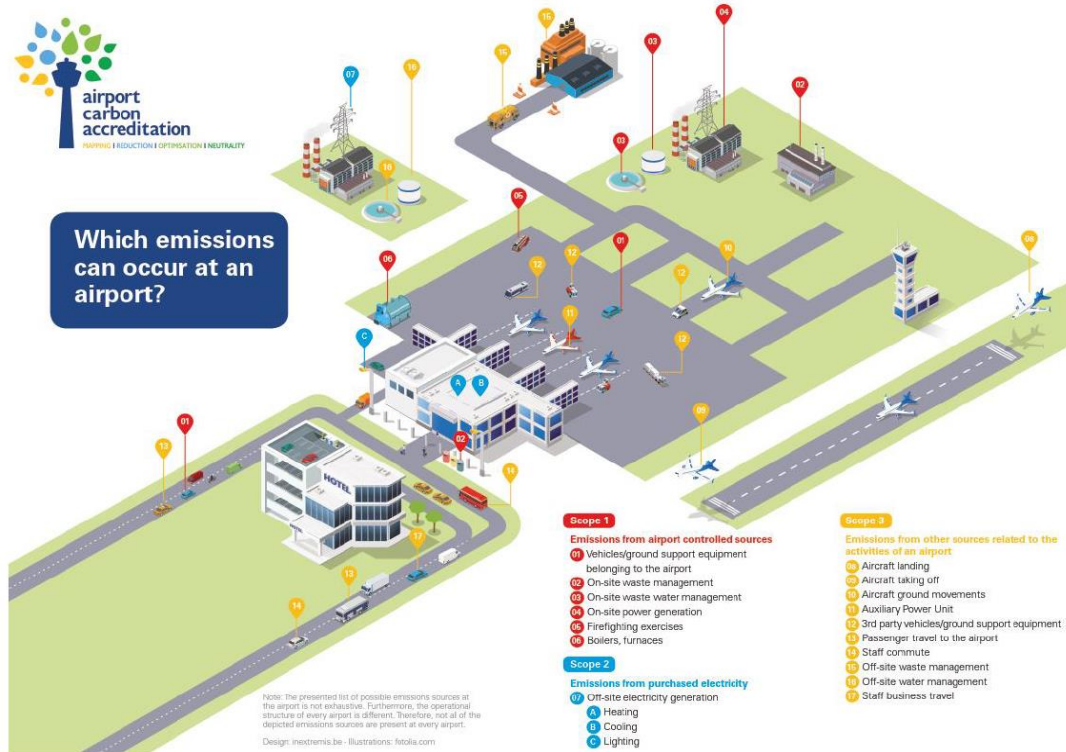
Source: Airport carbon accreditation, [Airport Carbon Accreditation - How to apply](#)



Source: Airport carbon accreditation repository [Repository of Airports' Net Zero Carbon Roadmaps \(aci-europe.org\)](#)

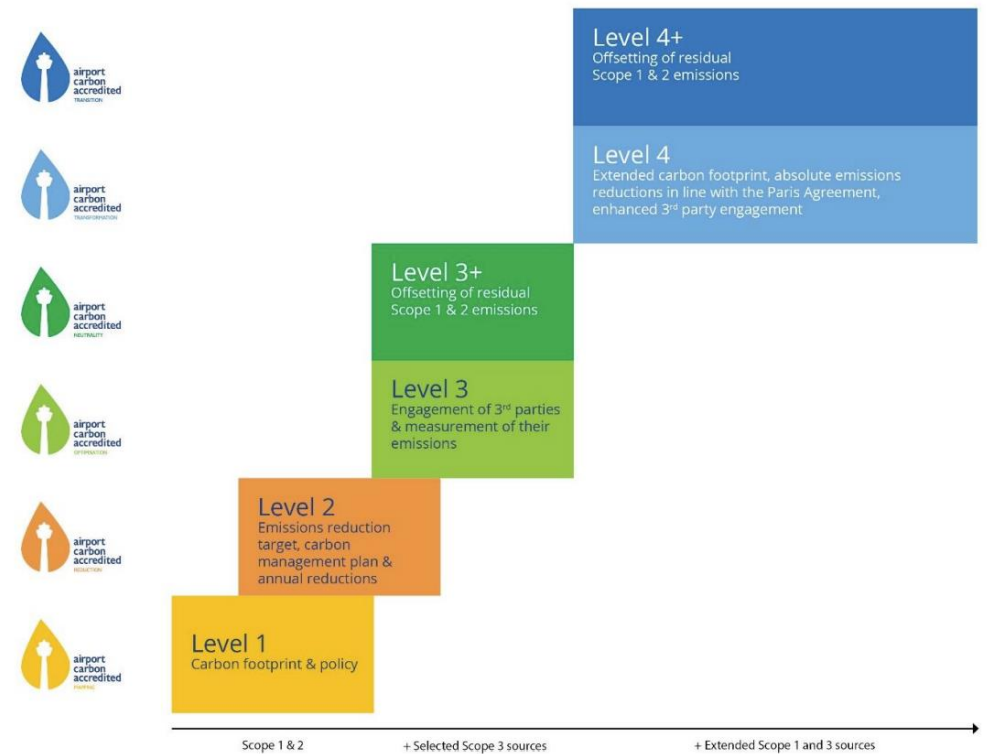
ACI Airport Carbon Accreditation

Airport Carbon emissions reduction & sustainability

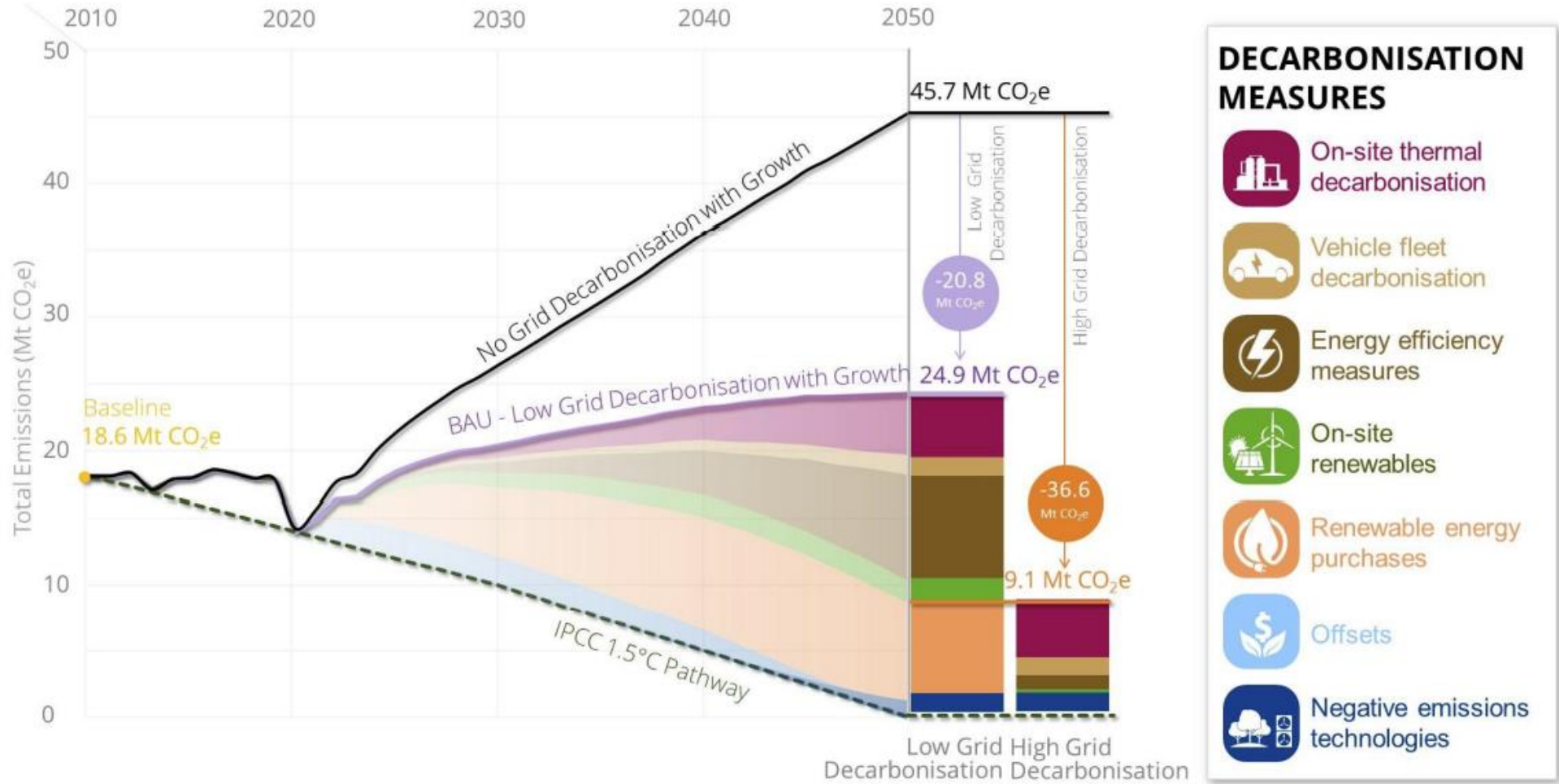


Levels of accreditation

Figure 2 - Main Requirements of Airport Carbon Accreditation



ACI World Long Term Carbon Goal



Source: ACI World Long-Term Carbon Goal Study for Airports



ESGs and Green financing for sustainable airports

Examples of instruments

Green equities, bonds & loans – These require clear ESG data

Green funds from policy and government funding – These require accurate knowledge of local and national policy

Green pricing – This requires understanding the financial value of sustainable solutions.



Environmental, Social, and Governance (ESG) Management

Best Practice
First Edition



Sustainable aviation policy – EU developments

Airports



Aircraft



EUROPEAN
GREEN
DEAL



Stargate
within EU Green Deal



Clean Sky



Clean Hydrogen
Partnership



LGA
hOListic Green Airport



TULIPS



European
Commission



CLEAN AVIATION



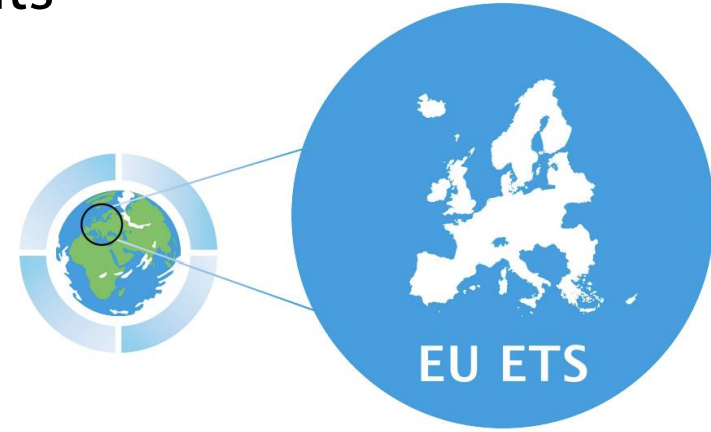
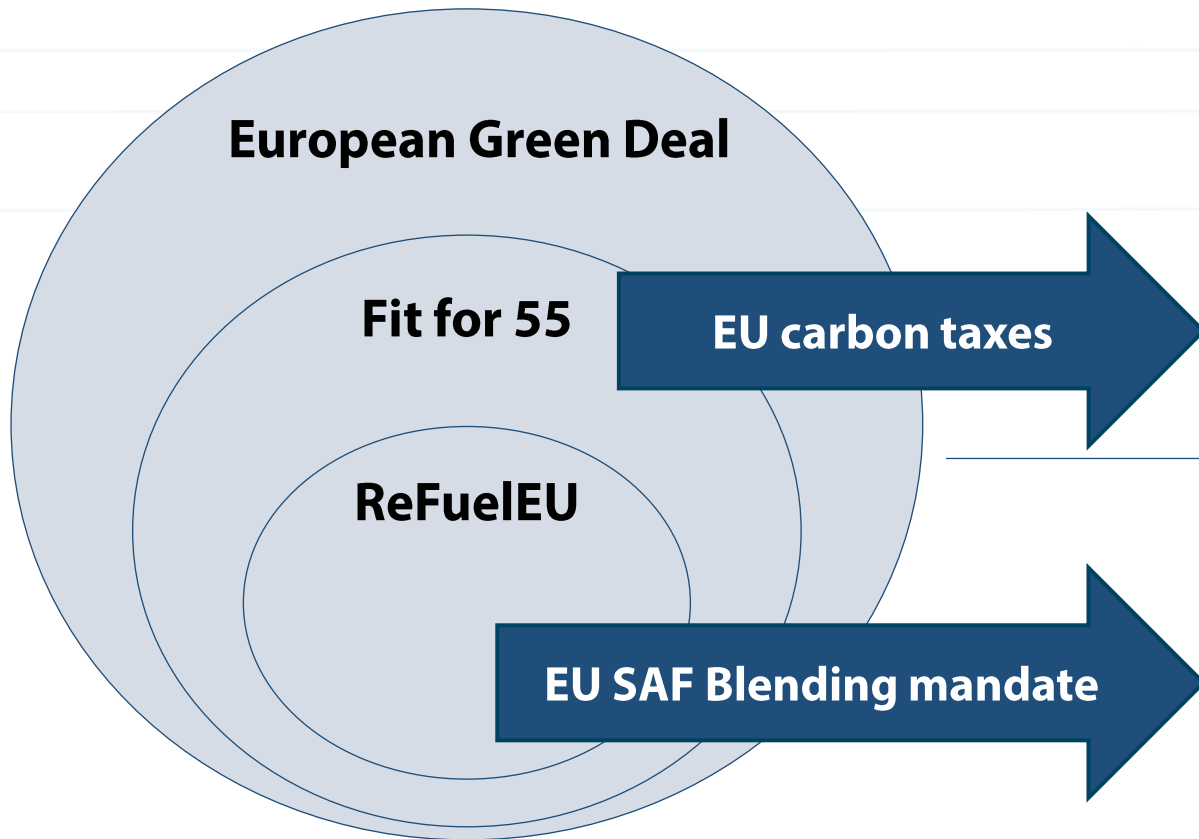
SESAR
JOINT UNDERTAKING



to70

Sustainable aviation policy – EU developments

EU legislation



Year	SAF (%)	Biofuels (%)	PtL (%)
2025	2%	2%	No mandate
2030	5%	4,3%	0,7%
2035	20%	15%	5%
2040	32%	24%	8%
2045	38%	27%	11%
2050	63%	35%	28%

Resolution on Decarbonization

Voluntarily commit to **net zero emissions**, develop action plans and embed measures to achieve this

Net Zero Carbon Airports



Decarbonize electricity grid and facilitate **renewable energy** at airports



Green Airports Recognition 2022 Carbon Management

ACI Asia-Pacific selected **Carbon Management** as the theme for Green Airports Recognition 2022. The goal is to share and recognize best practices among airports along the decarbonization journey, in particular Scope 1 and Scope 2 **carbon emission reduction**.



Twenty-three eligible GAR 2022 submissions were received from member airports, 12 airports were recognized.

Speakers introduction



Mr. Videh Kumar JAIPURIAR,
CEO, Delhi International Airport Ltd



Mr. Akihiko TAMURA,
President & CEO, Narita International Airport Corporation

