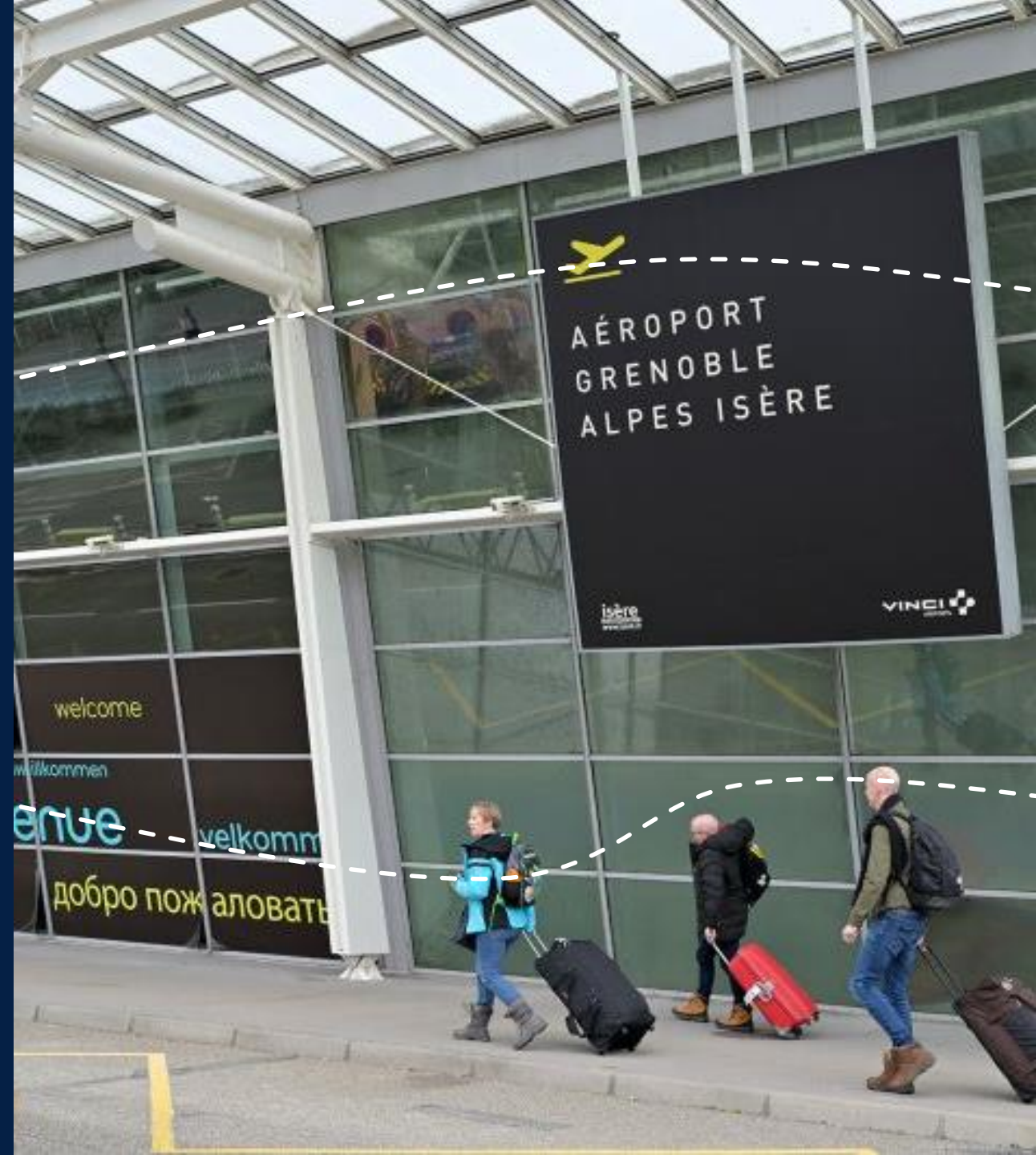


Grenoble Alpes Isère Airport Decarbonization Roadmap

TOWARDS NET ZERO EMISSIONS
(2018-2030)



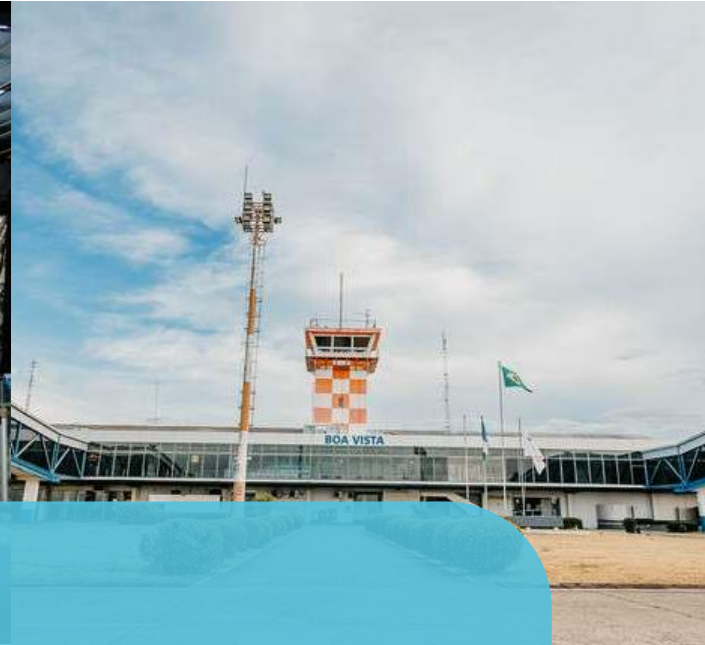


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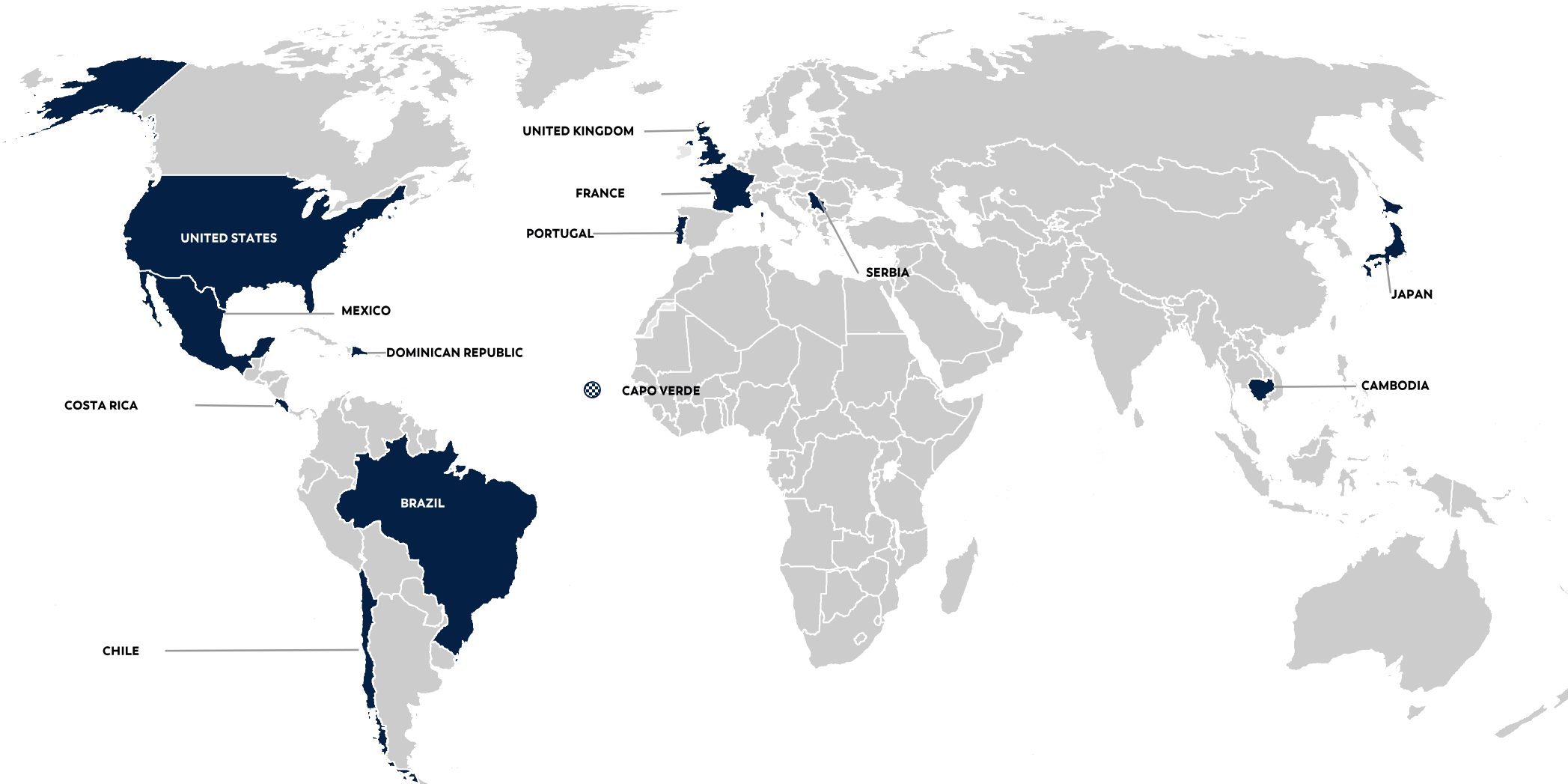
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VINCI Airports, Grenoble Alpes Isère Airport, our environmental policy and climate commitments
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- 03. Acting beyond the value chain for the climate**
Carbon removal projects for the prosperity of the environment and society



01

About
VINCI Airports

VINCI AIRPORTS, 1ST PRIVATE AIRPORTS OPERATOR IN THE WORLD



13
countries

+70
airports

17,000
employees

267m
passengers

€5,5bn
managed revenue

3 LEVERS TO MOVE TOWARDS NET ZERO EMISSIONS

A pioneer in the sector, in 2016 VINCI Airports became the first airport operator in the world to define a global policy to control and reduce its environmental impact and integrate it in all its development projects.

In 2018, defined an action plan and a reduction trajectory in line with the IPCC's 1.5°C scenario for each consolidated airport, to achieve Net Zero emissions by 2030 in airports in the European Union, and London Gatwick; and Net Zero by 2050 in airports in the rest of the world. All the airports in the network are committed to an ambitious and concrete environmental transition path, involving the entire airport ecosystem in this approach, working with partners on a local and international scale.

Our priority is to decarbonize our operations and, more broadly, to support the decarbonization of the airport sector, in conjunction with local authorities. This ambition for transformation inspires all our projects, investments and innovations, in both the contracting and operating phases. Our environmental plan is built around three priorities:



EXEMPLARY ON OUR OWN SCOPE

ACHIEVEMENTS IN 2023



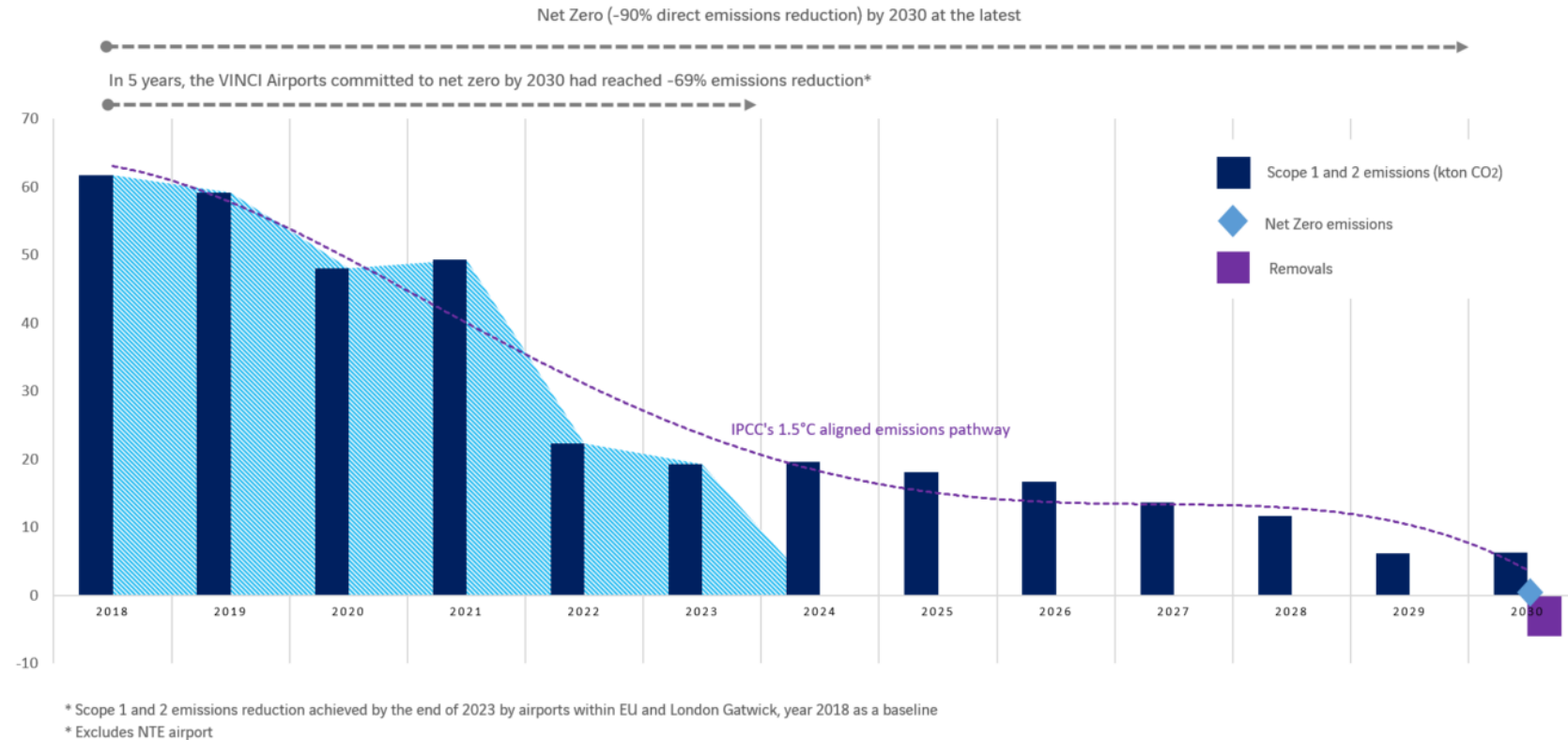
-50%
OF OUR CARBON FOOTPRINT
SCOPE 1 & 2 (vs. 2018)



51 MWp
OF PHOTOVOLTAIC PLANTS



52
ACA ACCREDITED AIRPORTS
(10 Level 4+ & 4 Level 5)

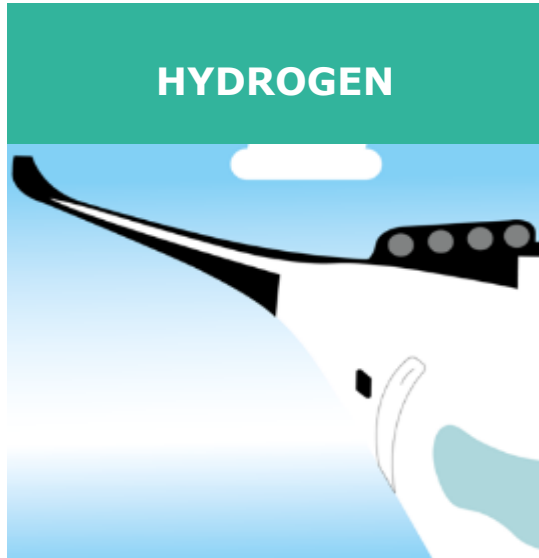


By 2023 and across its *global network*, VINCI Airports has achieved 50% reduction of its direct emissions by implementing renewable energy, energy efficiency measures, LED relamping (passenger terminal buildings, aprons, runways and taxiways, passenger carparks), low emission fleets, among other actions.

All the aforementioned initiatives respond to the core of VINCI Airport's environmental strategy: being exemplary on its own scope, representing the first step consistent with the global goal of achieving net-zero emissions.

ACTING ON THE VALUE CHAIN AND TERRITORIES

One of the most critical issues on the path to net zero is the collaboration with various stakeholders and third parties for the reduction of indirect emissions (Scope 3), both upstream and downstream. For our airports, these can represent the majority of emissions, ranging from 90% to over 95% of their total greenhouse gas (GHG) emissions. While technology and emerging innovations, like hydrogen-fuelled aircraft, will play an important role for Scope 3 reduction, there are several actions and strategies already in place to make an impact now.



Creation of a large fund for clean hydrogen infrastructure in partnership with Total Energies and Air Liquide + MoUs signed in France / Portugal / Chile / Japan



Sustainable Aviation Fuels available at Clermont-Ferrand Auvergne Airport (20% SAF delivered in 2022)



World premiere: VINCI Airports launches the carbon modulation of airport charges to encourage fleet renewal and to promote SAF usage (France and Gatwick)



Investment in carbon sinks with local benefits to address residual emissions

To us, installing EV charging stations on and around our airports fuel the ambition to decarbonize the whole chain of mobility. In the VINCI Airports network globally we have deployed 316 EV charging stations available to our employees, operations and third parties.

Additionally, 75 % of our contact stands are now equipped to provide pre-conditioned air (PCA) and/or have 400Hz ground power units, allowing the aircraft to turn off its auxiliary power unit (APU) and reduce emissions associated with fuel burn.

Grenoble Alpes Isère Airport

Grenoble Alpes Isère Airport

Specializing in the ski market and linked to the Rhône-Alpes highway network, Grenoble Airport provides quick access to the largest ski areas in the Alps and the economic hub of the Grenoble area.

VINCI Airports took over management of **Grenoble Alpes Isère Airport** on behalf of the Conseil Départemental de l'Isère on **1 January 2004**.

In October 2018, the Department of Isère renewed its confidence in VINCI Airports as delegatee for the management and operation of Grenoble Alpes Isère Airport, as part of an extension of the public service delegation (DSP) until **2026**. Within this contractual framework, VINCI Airports will operate and maintain the infrastructure, provide ground handling services for airlines, carry out safety and security missions, manage the airport's property and real estate assets, and develop air services and related activities. During the term of the public service concession, VINCI Airports is financing an investment programme to optimise the quality of service offered to passengers and to improve reception capacity and flight handling



02

Our Transition & Net Zero commitment

Grenoble Alpes Isère Airport

Specializing in the ski market and linked to the Rhône-Alpes highway network, Grenoble Airport provides quick access to the largest ski areas in the Alps and the economic hub of the Grenoble area.

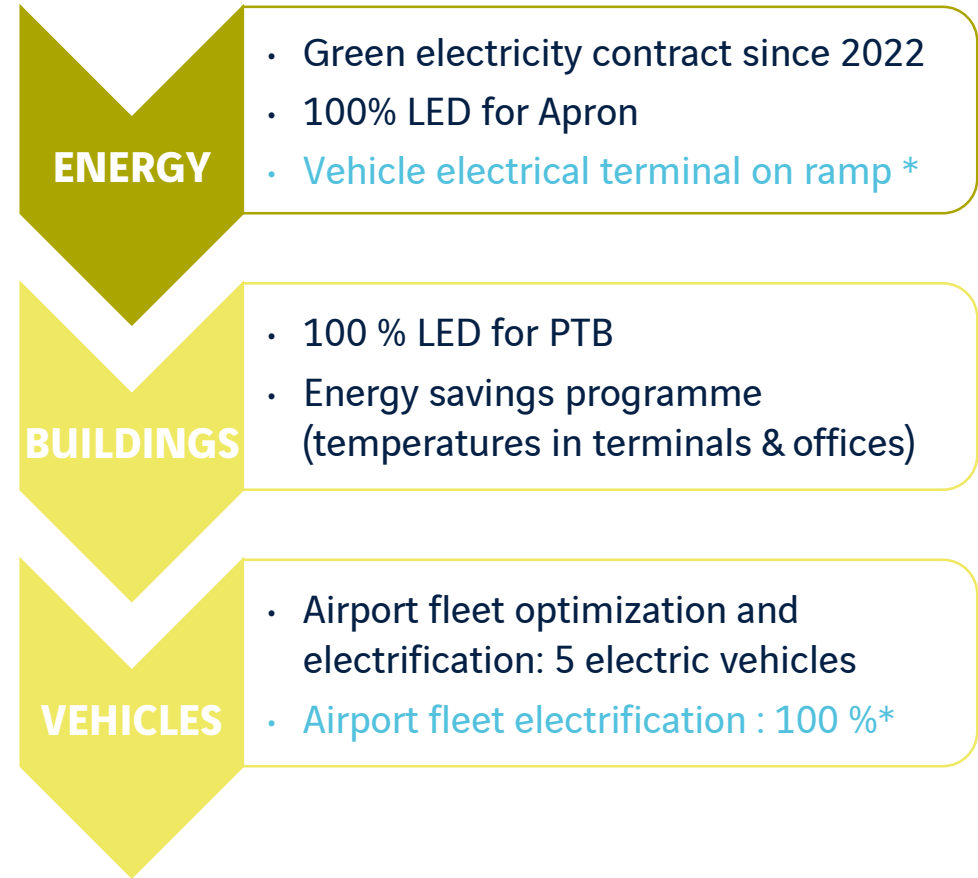
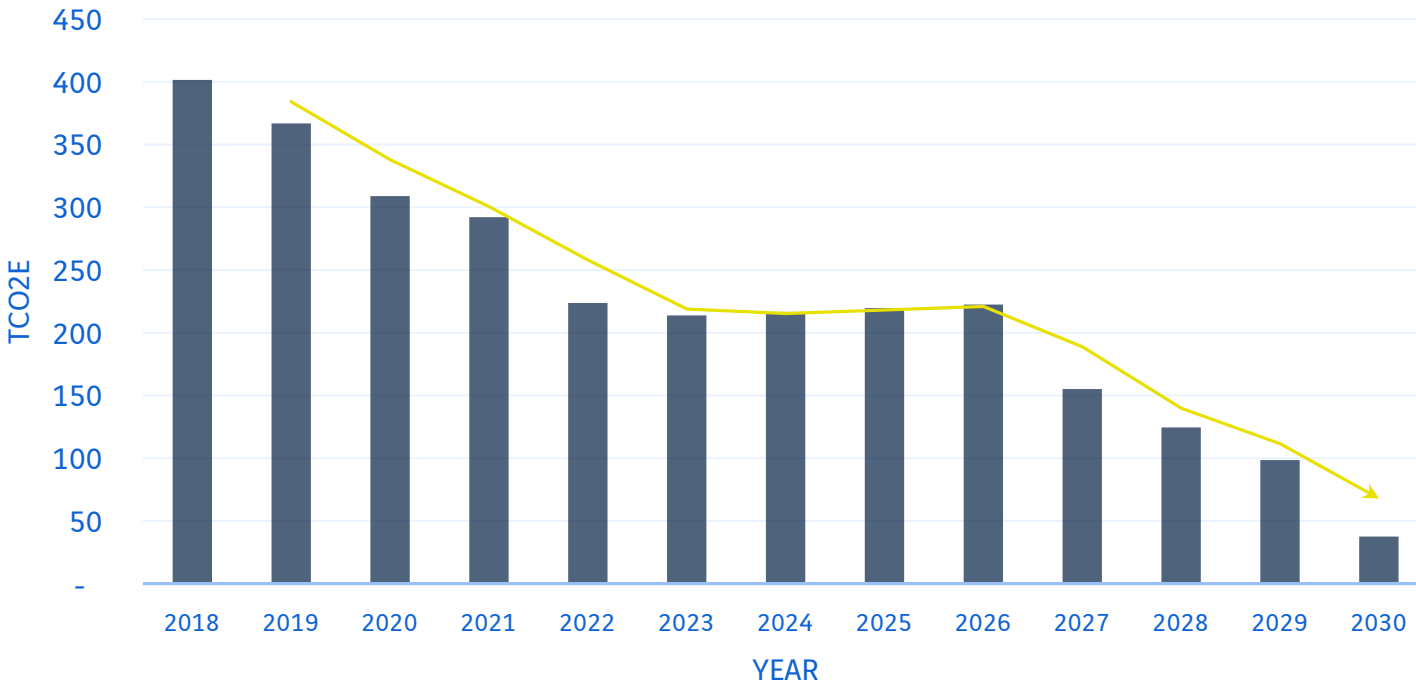
As part of the environmental policy initiated by VINCI Airports in 2016, Grenoble Alpes Isère Airport is pursuing its environmental commitments with :

- Obtaining ISO 14001 certification in 2019, renewed in 2022.
- Preserving biodiversity by signing a partnership with the League for the Protection of Birds (LPO) in 2020 thanks to a diversified fauna in the heart of the airport, and the implementation of a biodiversity zone (beehives, compost, insect house)
- Obtaining the Airport Carbon Accreditation (ACA) level 3 label at the end of 2022. Obtaining ACA 3 is part of the gradual decarbonization of the airport's activities and rewards several optimizations:
 - Reducing electricity consumption by installing LED lighting in the airport's aircraft parking lot, terminals, and passenger parking lots, and better management of overall lighting, such as turning off the passenger parking lots at night.
 - Expansion of the electric vehicle fleet to include ramp and operating vehicles.
 - Replacement of the chiller system with the latest generation of energy-efficient equipment.



OUR BASELINE, TRAJECTORY AND NET ZERO COMMITMENT

SCOPE 1 and 2 CARBON TRAJECTORY



03

Acting beyond the
value chain and for
the climate

Reduction of Scope 3 greenhouse gas emissions:

Mapping of current Scope 3 Emissions :



APU



LTO Cycle (LANDING AND TAKE OFF)



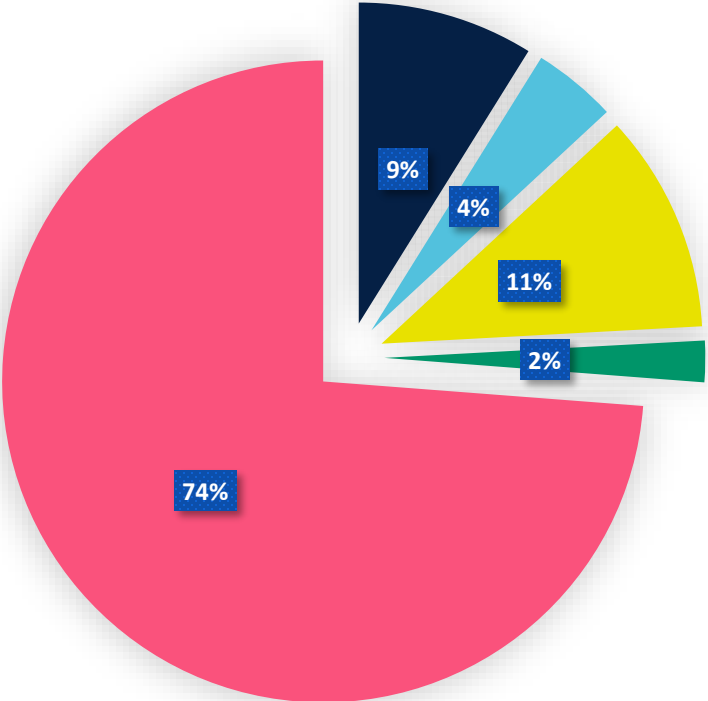
ACCESS FROM PAX TO AIRPORT



ENGINE TEST



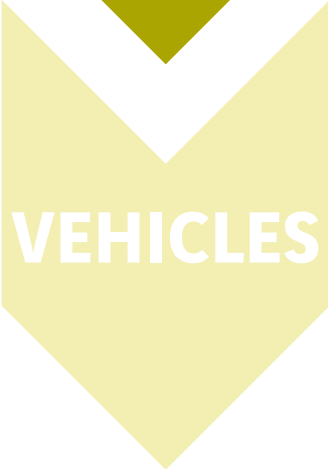
OTHER



Origin of SCOPE 3 emissions (average 2021-2022)



- Eco-Modulation of landing fees
- Implementation of an aircraft electrical terminal
- 400Hz power supply



- Electrical Vehicle for partner
- Promotion of environmentally-friendly modes of transportation (carpooling / bike...)
- Vehicle electrical terminal on car parking

VINCI AIRPORTS' INVESTMENT IN NATURE-BASED SOLUTIONS TO ADDRESS RESIDUAL EMISSIONS



7 projects certified Label Bas Carbone

- Regions: Pays de la Loire, Bretagne
- Type:
 - Afforestation of agricultural plots
 - Reforestation
 - Afforestation of overgrown plots



Co-benefits:

- Dynamization of the local economy
- Protecting and supporting biodiversity and ecosystems
- Air, soil, and water quality improvements.

