

Nantes Atlantique Airport

Decarbonization Roadmap

TOWARDS NET ZERO EMISSIONS
(2018-2030)


NANTES ATLANTIQUE
AÉROPORT

VINCI 
AIRPORTS





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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



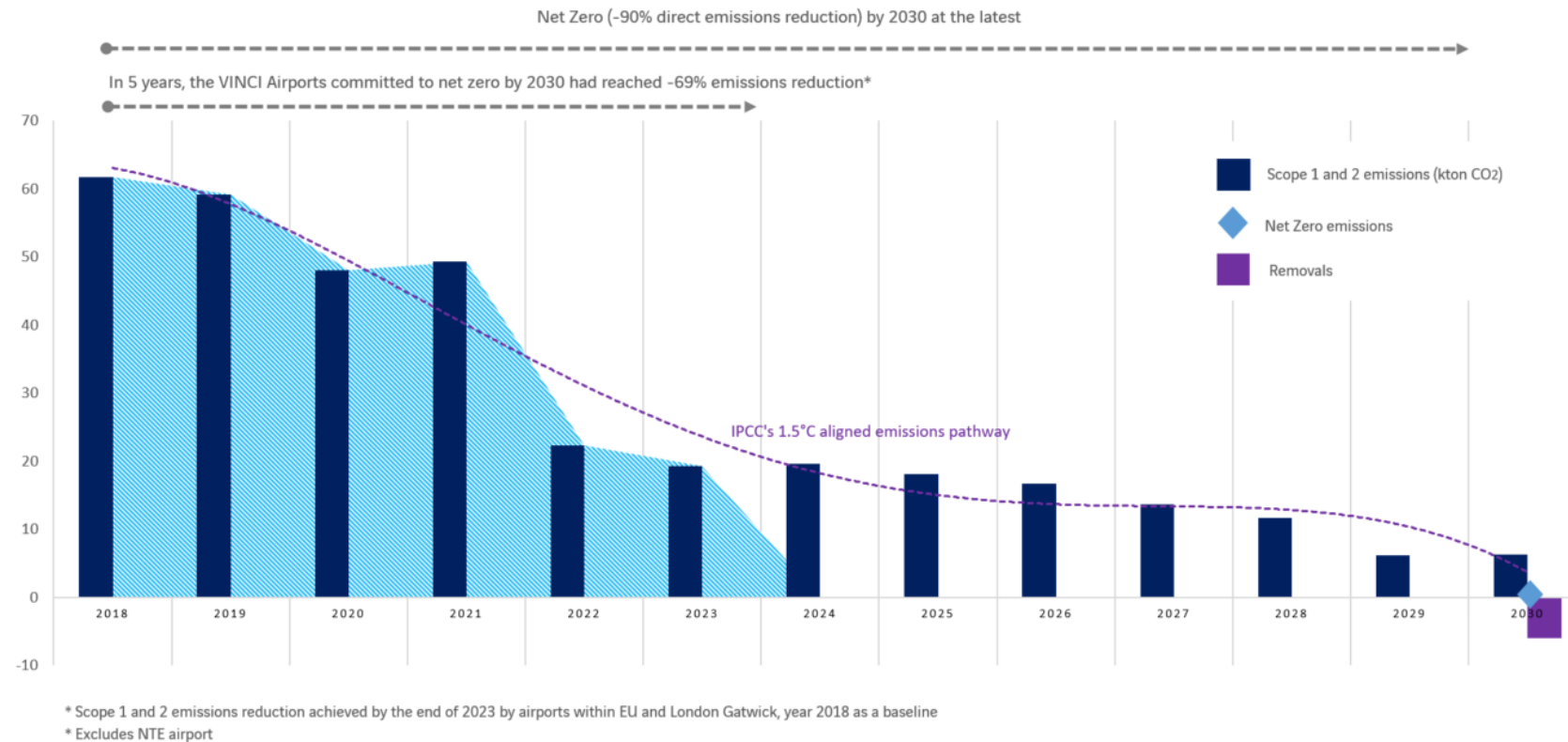
-50%
OF OUR CARBON FOOTPRINT
SCOPE 1 & 2 (vs. 2018)



51 MWp
OF PHOTOVOLTAIC PLANTS



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

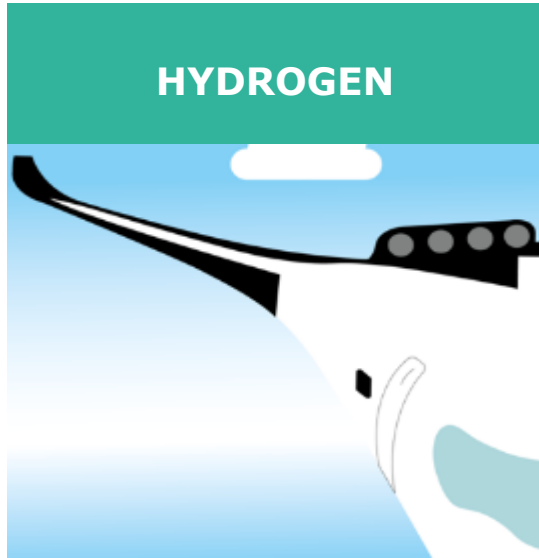


By 2023 and across its *global network*, VINCI Airports has achieved 50% reduction of its direct emissions by implementing renewable energy, energy efficiency measures, LED relamping (passenger terminal buildings, aprons, runways and taxiways, passenger carparks), low emission fleets, among other actions.

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.



HYDROGEN

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



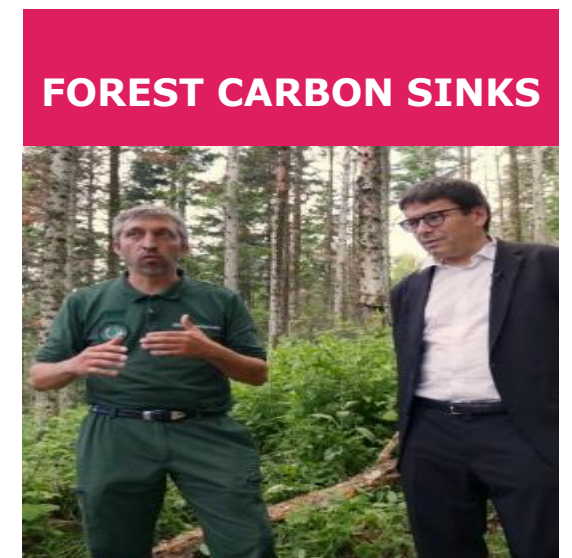
SUSTAINABLE AVIATION FUELS

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



MODULATION OF LANDING FEES

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



FOREST CARBON SINKS

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.

Nantes Atlantique Airport

01

Presentation

AGO : A VINCI GROUP SUBSIDIARY

THE SHAREHOLDERS

CONTRACT TYPE

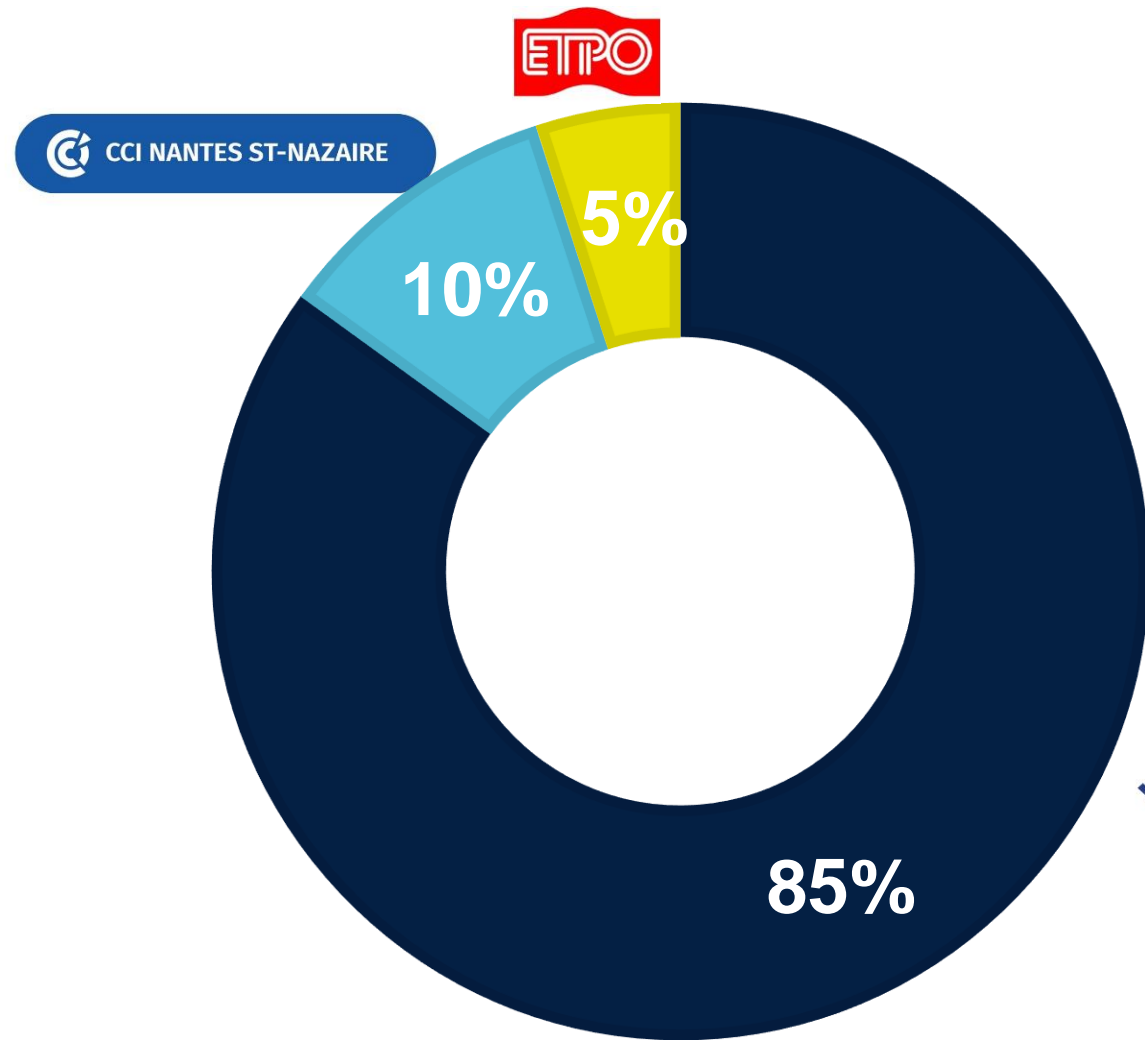
Concession/Public Service Delegation
Contract

EFFECTIVE DATE

January 1st, 2011

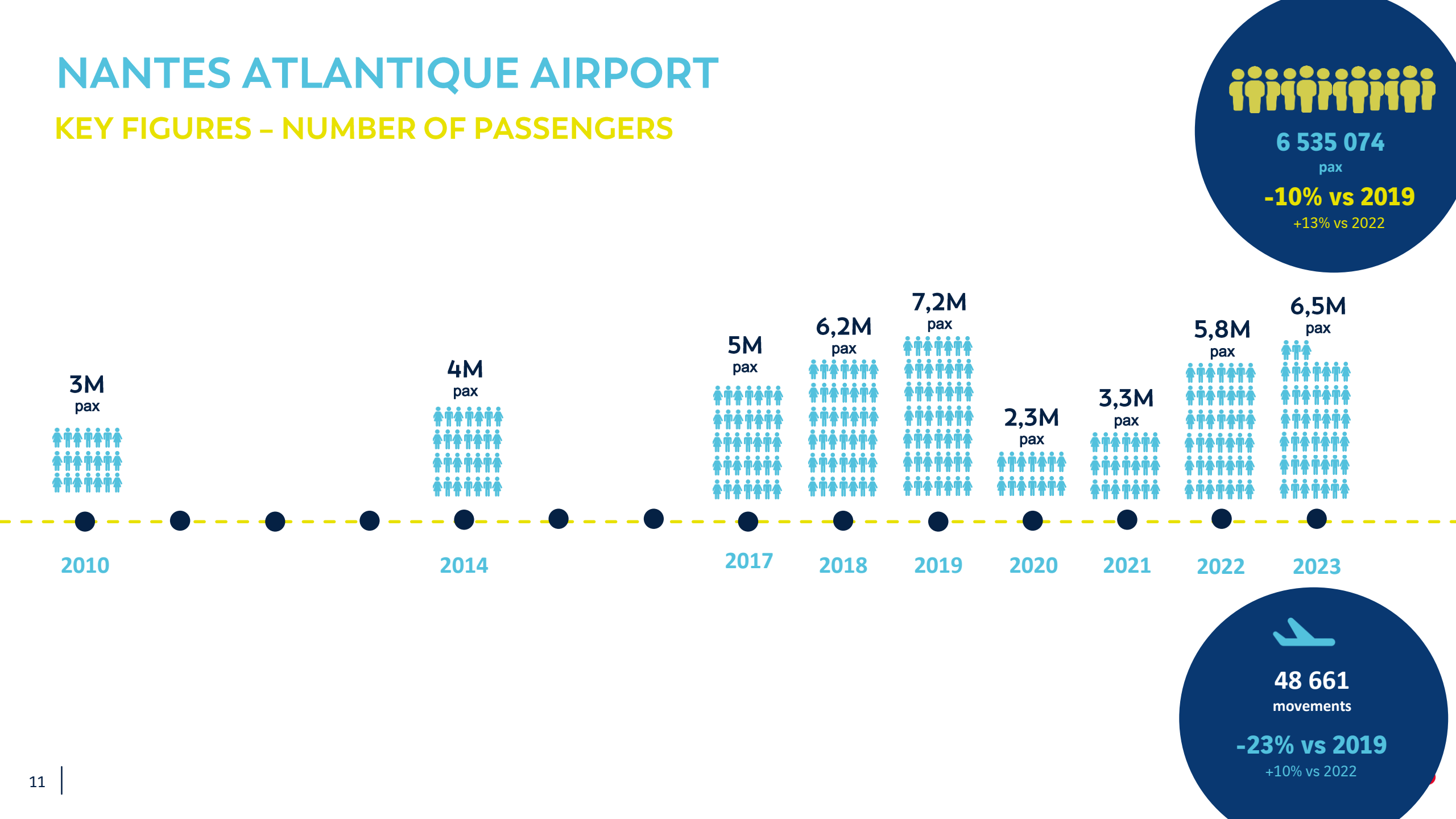
CONTRACT DURATION

55 years



NANTES ATLANTIQUE AIRPORT

KEY FIGURES – NUMBER OF PASSENGERS



6 535 074
pax
-10% vs 2019
+13% vs 2022

48 661
movements
-23% vs 2019
+10% vs 2022

NANTES ATLANTIQUE AIRPORT

KEY FIGURES – DESTINATION NETWORK

**Local visitors:
30% of traffic**



+ de 90 direct destinations

75 destinations Europe & international

Connexions to 7 major hubs

25 countries without stopovers



20 airline companies



CERTIFICATIONS

NANTES ATLANTIQUE AIRPORT

The steps taken by all our teams have enabled AGO to obtain several certifications:

2015



ACA Program

International voluntary program of greenhouse gas emissions from airports..
Level 1: measurement of the airport's carbon footprint (scopes 1&2)..



2019



ACA Program

Level 2: measuring of the airport's footprint (scopes 1&2) + action plan to reduce the airport's greenhouse gas emissions.

2019



ISO 14001

A management standard based on the principle of continuous improvement of environmental performance through the control of impacts related to AGO's activities



ISO 9001

International management standard based on the principle of continuous improvement in service quality and customer satisfaction.

2022



PROGRAMME ACA

Level 3: measuring of the airport's (scopes 1,2&3) + carbon emissions reduction plan + commitment of the platform's third-party partners.



ENVIRONMENTAL POLICY

**PROTECT BIODIVERSITY
EVERYWHERE**



ZERO PESTICIDE



**HALVE OUR WATER
CONSUMPTION**



**SEND ZERO WASTE TO
LANDFILL**



**HALVE OUR CARBON
FOOTPRINT**



**100% ISO 14001
CERTIFICATION**



**NET ZERO EMISSION TO
2030**

02

Our Transition

Reduction of greenhouse gas emissions

A continuous improvement

2015

Carbon footprint:
1 515teq CO2

2018

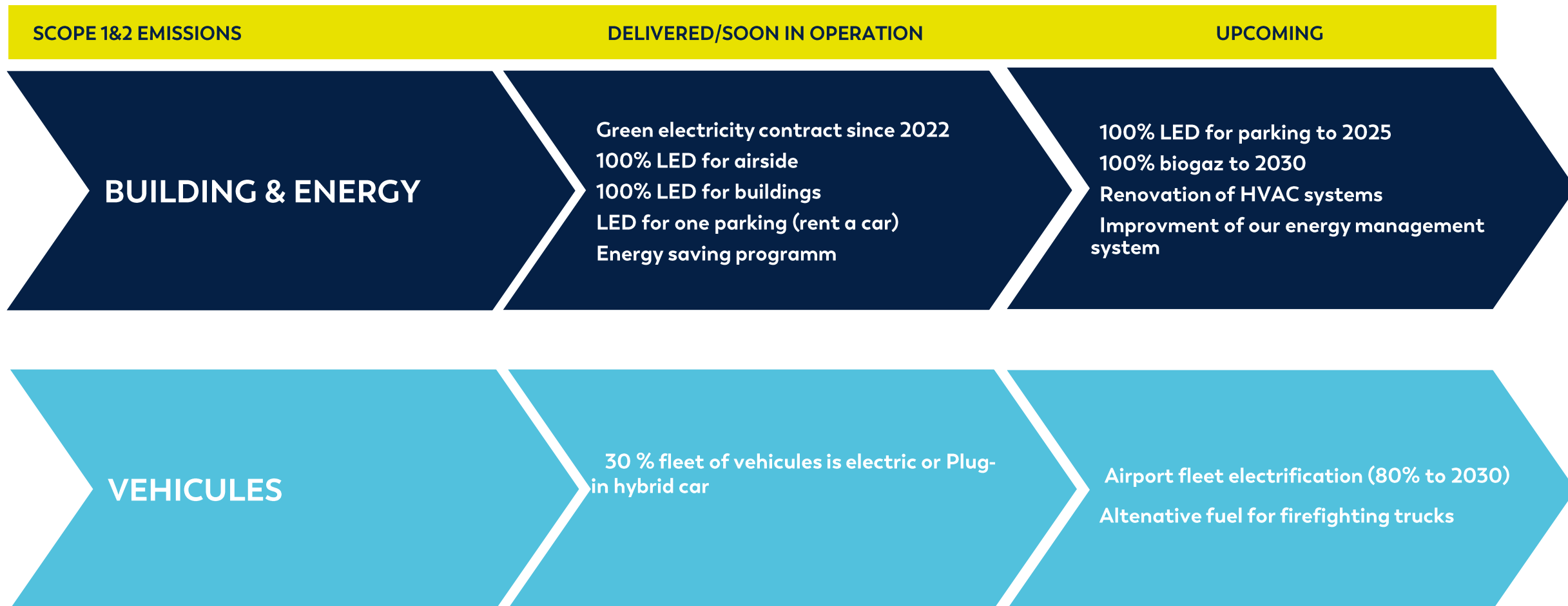
Carbon footprint:
886 teq CO2

2023

Carbon footprint:
391 teq CO2

Reduction of Scope 1&2 greenhouse gas emissions

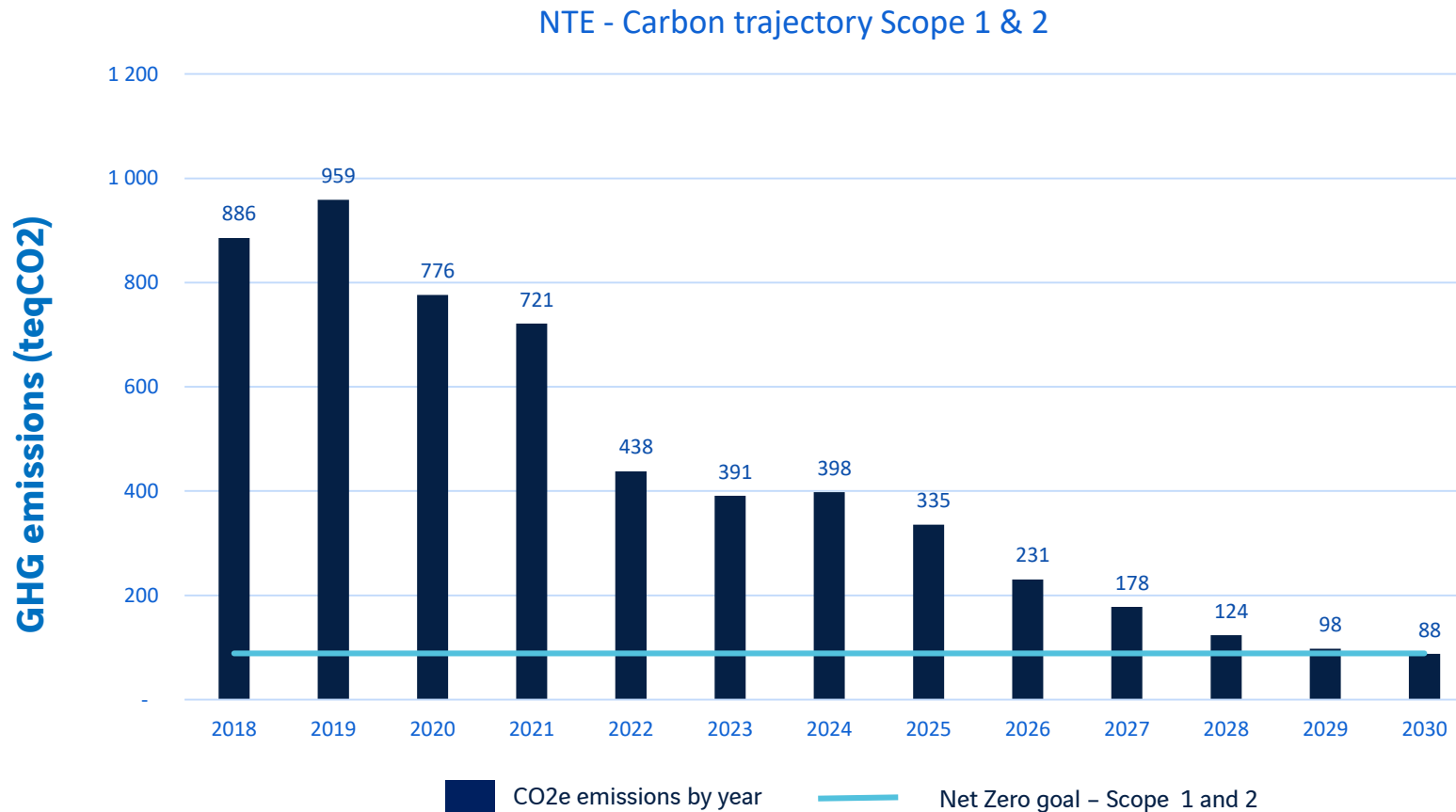
Our commitments to a sustainable future



03

Our Net Zero
Commitment

Our Net Zero road map and trajectory



Baseline: 2018

Action Plan

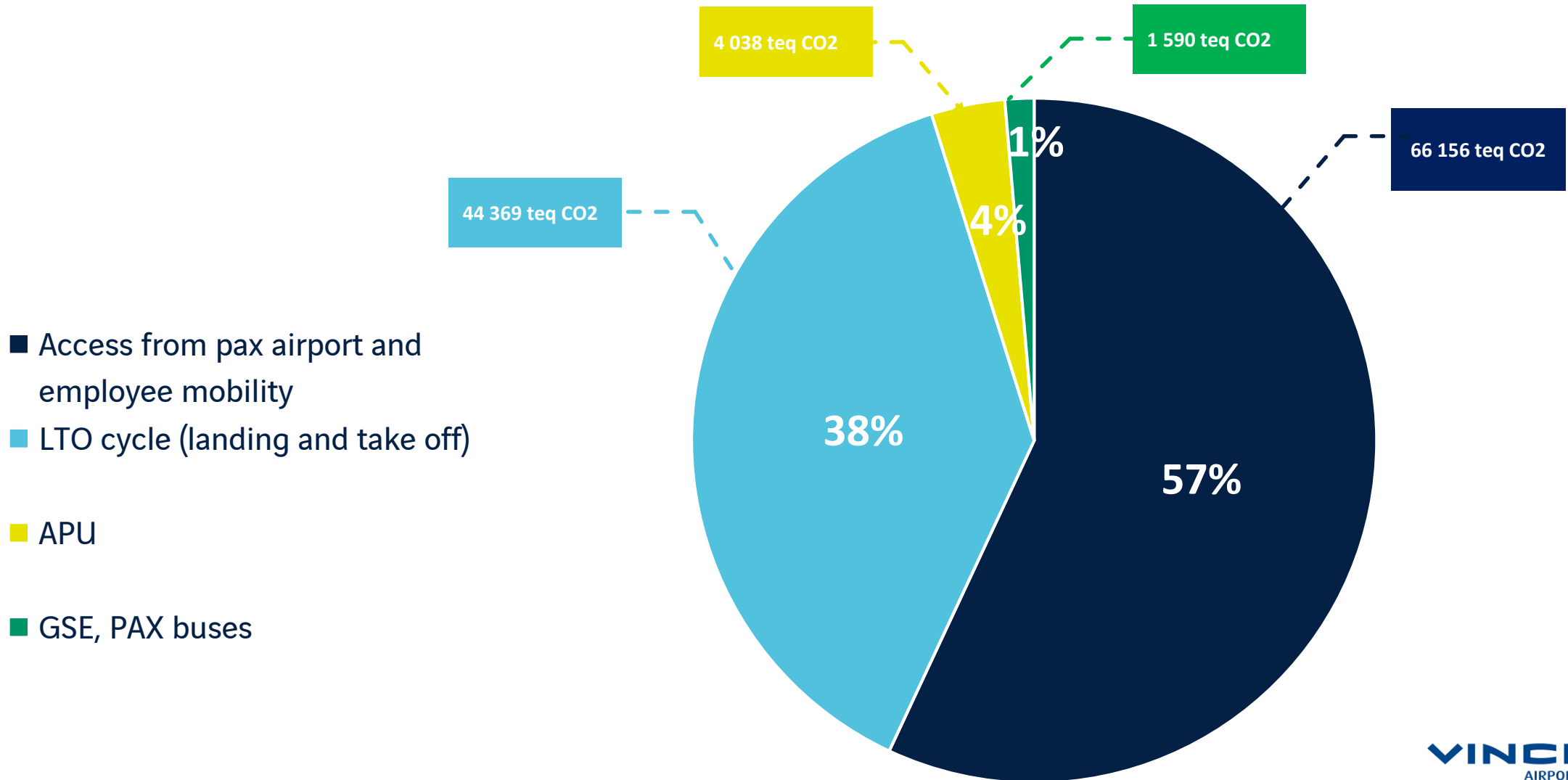
- 100% LED for parking to 2025
- 100% biogaz to 2030
- Renovation of HVAC systems
- Improvement of energy management system
- Airport fleet electrification
- Alternative fuel for firefighters trucks

04

Acting on the
value chain
and beyond

Reduction of Scope 3 greenhouse gas emissions

Mapping of current Scope 3 emissions (2022):



Reduction of Scope 3 greenhouse gas emissions

Our achievements and commitments to a sustainable future



05

Acting for the
Climate through
Carbon Sinks

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.

