

Aéroports de Lyon

Decarbonization Roadmap

TOWARDS NET ZERO EMISSIONS
(2012-2026)





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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, VINCI Airports 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



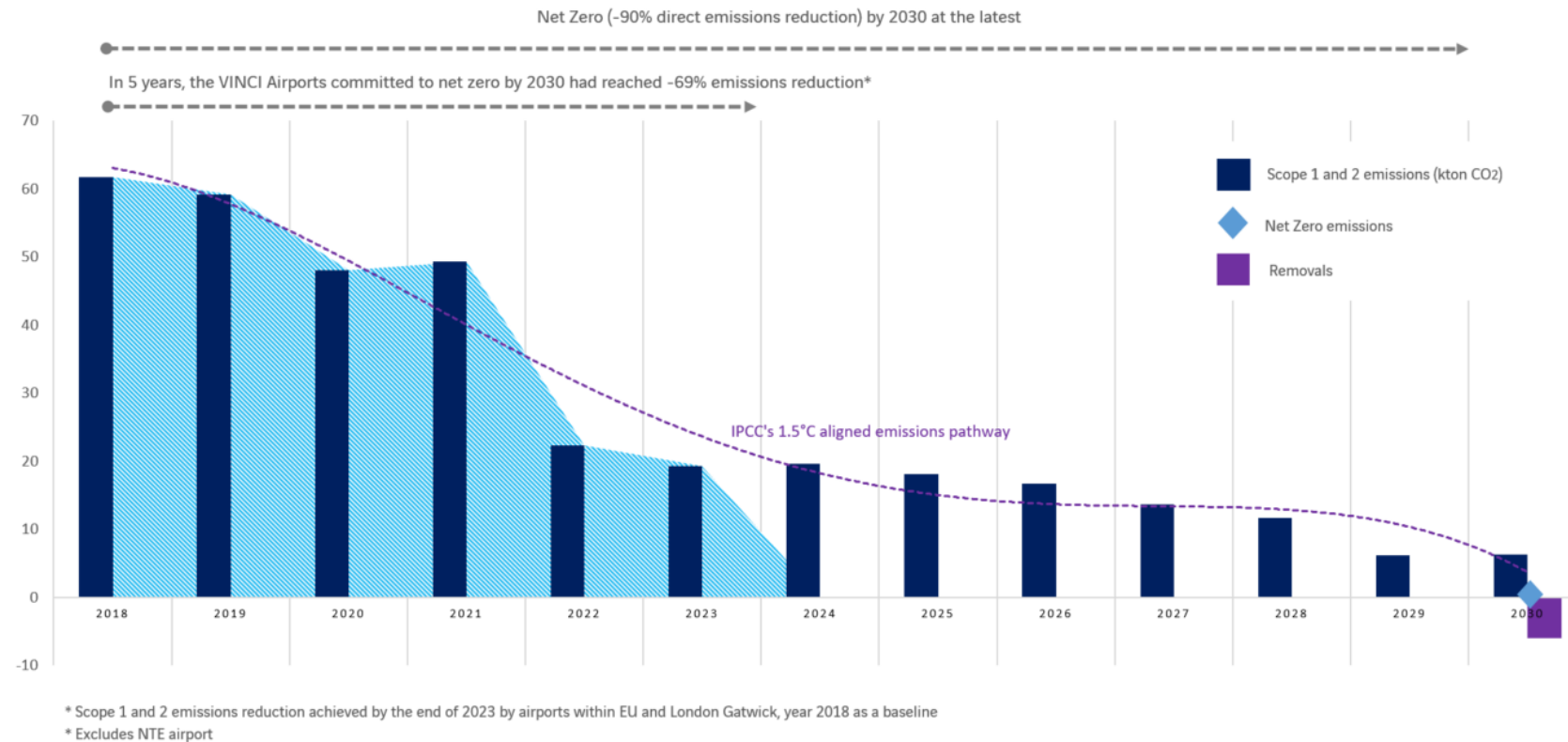
-50%
OF OUR CARBON FOOTPRINT
SCOPE 1 & 2 (vs. 2018)



51 MWp
OF PHOTOVOLTAIC PLANTS



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

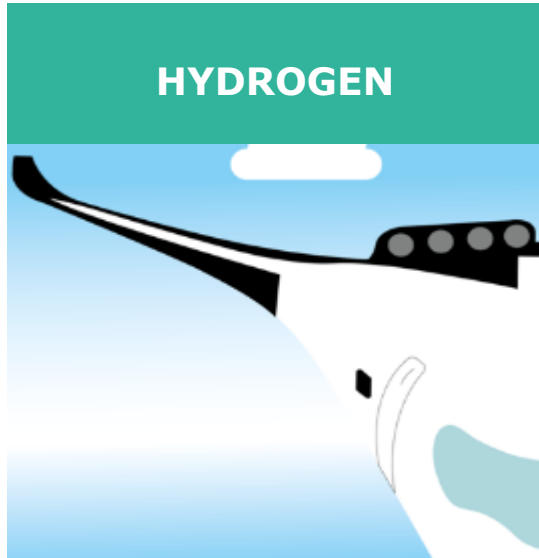


By 2023 and across its *global network*, VINCI Airports has achieved 50% reduction of its direct emissions by implementing renewable energy, energy efficiency measures, LED relamping (passenger terminal buildings, aprons, runways and taxiways, passenger carparks), low emission fleets, among other actions.

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



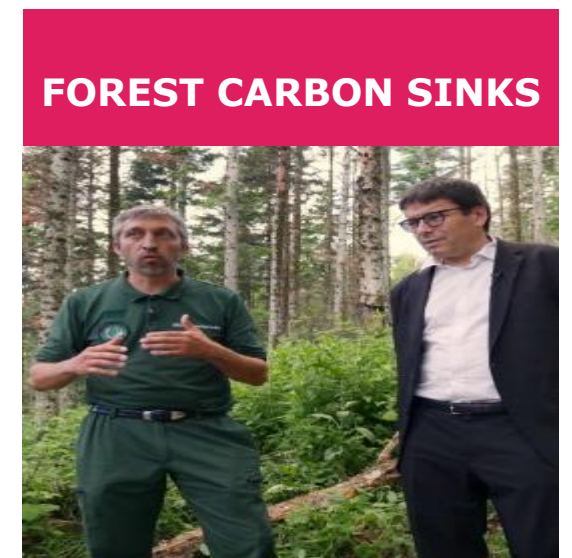
SUSTAINABLE AVIATION FUELS

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.

Aéroports de Lyon

BODY OF SHAREHOLDERS: A COLLECTIVE DRIVE FOR EXCELLENCE

ADL Participations



60 %



3 %



5 %



25 %



7 %

LYS INFRASTRUCTURE: ONE OF THE MOST MODERN IN EUROPE



15,500 spaces
10 car parks



TGV station
Bus station



2 runways
4,000 m and 2,670 m

Land reserves
900 hectares

Satellite
with low-cost
pre-departure
areas

Air France Euro-regional Hub
Infrastructure adapted to MCT short-haul flights: 25 min

Terminal 1
70,000 sq. m
to the highest
international
standards

Cargoport
150 hectares dedicated
to cargo and logistics



A POSITIVE IMPACT ON THE REGIONAL ECONOMY

BOOSTING LOCAL ECONOMIC DEVELOPMENT

36 540

Jobs supported in the region

6 000

direct jobs at the platform,
60 % of which by local residents

1,8 billion in GPD

generated in the region

Scheme

**LYON
AÉROEMPLOI**

* Chiffres 2019

STRONG COMMITMENTS FOR THE ENVIRONMENT

2025 targets



0

Net CO₂
Emission (2026)



75%

of waste recycled
Into materials



-30%

water
consumption /
passenger



/ 2

Noise levels at night



+10%

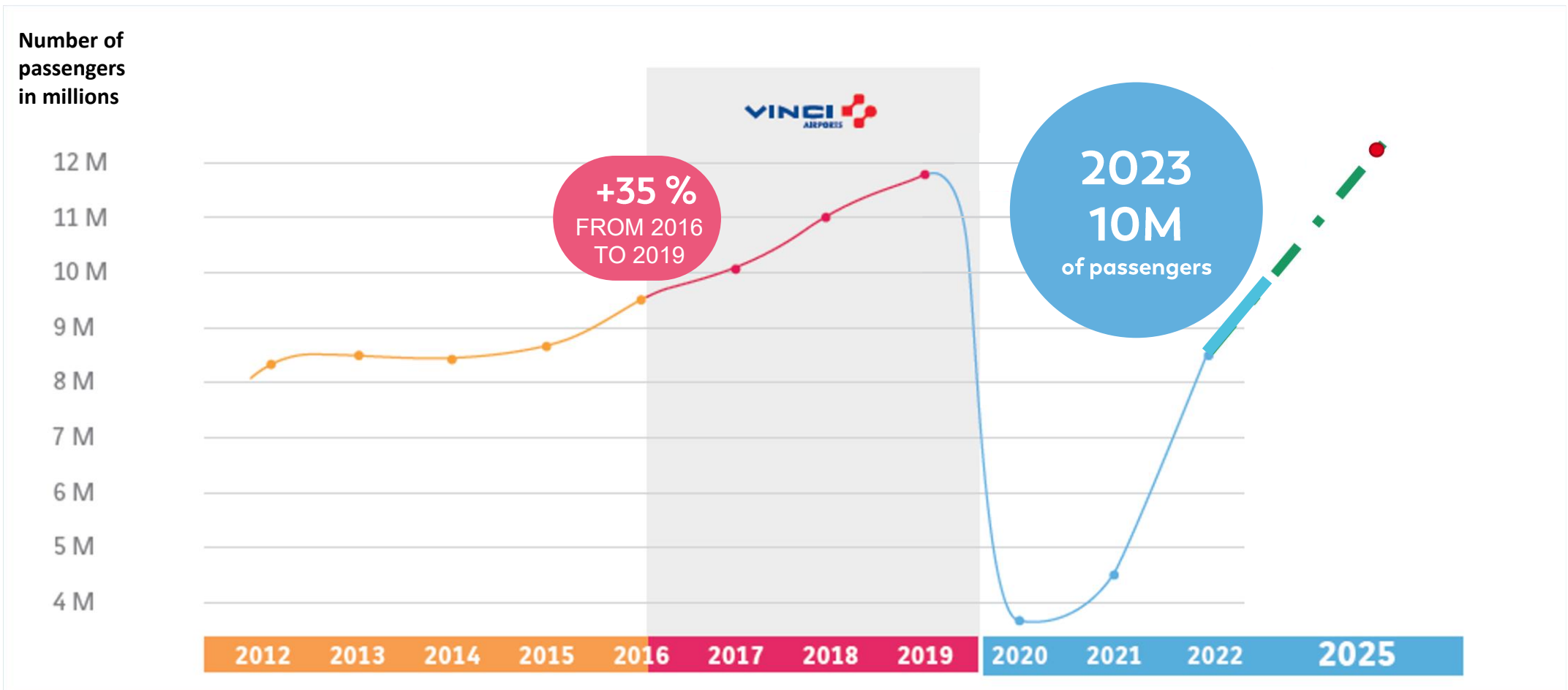
Stone-curlews
Protect biodiversity



0

Environnemental
pollution

CHANGES IN PASSENGER TRAFFIC: A TALE OF RECORDS AND RECOVERY



DYNAMIC RECOVERY OF AIR TRAFFIC

+120

Destinations

DISCOVER THE WORLD FROM LYON

NEW DESTINATIONS FOR 2024 !

Kalamata, Oslo, Rabat

+

11 NEW ROUTES



+ 120 Destinations

44 Airlines

35 Countries

CARGOPORT, TAILORED TO LOCAL NEEDS

ONGOING DEVELOPMENT

In 2023
Air freight
**50 005
tonnes**

Success of the big express delivery providers DHL, UPS, FedEx

- Continued growth of Air Algérie business
- Additional capacity on long-haul passenger flights*:
Réunion, Pointe-à-Pitre, Air Senegal, Dubai, Montreal (**NEW Doha in 2023**)

*For cargo loaded in the passenger baggage hold

CARGOPORT, A PLATFORM FOR GROWTH IN THE CARGO SECTOR



- UPS building: delivered in summer 2022
- Next building DHL: 17 000 m² in 2025
- Potential for new real estate investments



CEIV PHARMA Certification
for storing pharmaceutical products
at controlled temperatures

BUSINESS AVIATION: 2 PLATFORMS AND THE SAME HIGH STANDARDS IN TERMS OF QUALITY OF SERVICE: VINCI AIRPORTS EXECUTIVE HANDLING

LYON-BRON AÉROPORT (LYN)



2023
7 005
business aviation movements

LYON AÉROPORT (LYS)



2023
1 668
business aviation movements

3rd
Business aviation Airport In France



OPEN 7/7 on request

3 airlines based on site

10 minutes from Lyon city centre

Quick, **fast-moving checks**

Aircraft housed in **hangar**

Connections with scheduled flights

Gateway to the Alps

Car rental services, customs clearance, fees, shops & services, VIP/personalised services

Flights can land 24h/day, with no capacity constraints (runways and aircraft stand)

Cat III ILS enabling operations even in zero-visibility conditions

02

Our Transition

Reduction of greenhouse gas emissions :

A continuous improvement



Reduction of Scope 1&2 greenhouse gas emissions:

Our commitments to a sustainable future :

Scope 1&2 Emissions	DELIVERED / SOON IN OPERATION	UPCOMING
<h2>ENERGY</h2>	<ul style="list-style-type: none"> • 100% green electricity contract since 2012 • 1MW solar farm on roof to feed airport network • Biogas contract since 2019 (~80% of consumption covered in 2023) • Decentralized heating network • ISO 50001 certification • Co-generation (heat recovery and use) 	<ul style="list-style-type: none"> • 100% biogas (2025) • 5MW solar farm on car park to feed airport network (2025) • Renovation of Terminal 2 : power-based heating & cooling (2025-2030) • Energy mgmt system with AI (2025-2030)
<h2>BUILDINGS</h2>	<ul style="list-style-type: none"> • 100% LED for buildings • HQE-certified new Terminal 1&Satellite • Management of refrigerant losses • Energy savings program (temperature control in terminals & offices) 	<ul style="list-style-type: none"> • Renovation of Terminal 2 and various airport buildings: improve thermal insulation (2025-2030) • Improved detection of refrigerant losses with AI (2025-2030)
<h2>VEHICULES</h2>	<ul style="list-style-type: none"> • 100 % Plug-in hybrid cars for directors • Airport fleet optimization and electrification: 20% electric vehicles 	<ul style="list-style-type: none"> • Airport fleet electrification: 70% electric and/ hydrogen vehicles (2026)

03

Our Net Zero
Commitment

An history of decarbonization and commitment to carbon neutrality:

2012

First ACA certification, accounting and reduction of emissions process

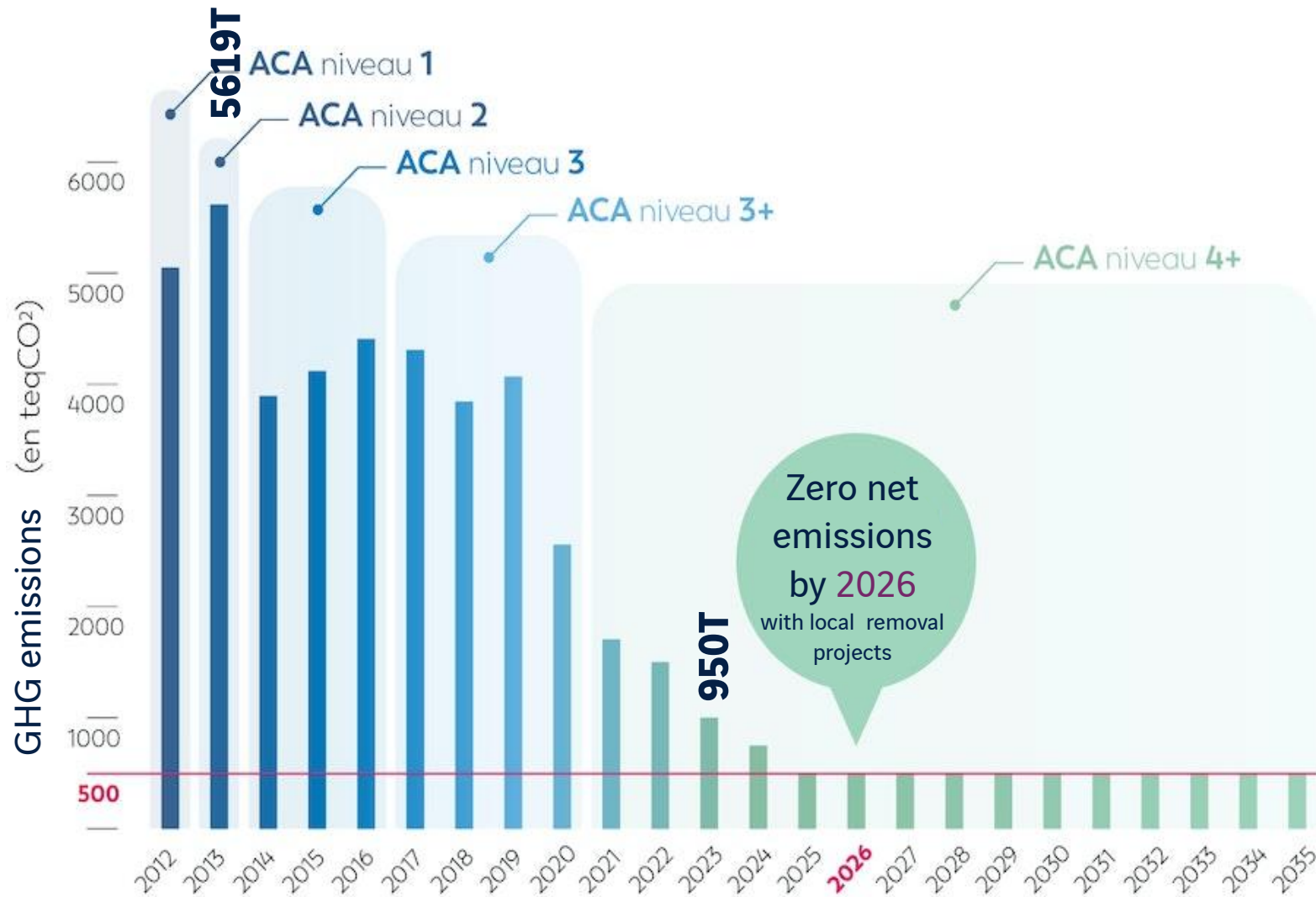
2017

Aéroports de Lyon achieves carbon neutrality as per ACA 3+ by offsetting residual emissions *

2026

Our goal: first large regional airport in France to achieve "net zero emission"*, with 90% reduction as compared to 2012 and voluntary, local carbon offsetting

Lyon airport's emissions reduction – towards zero net in 2026



- In 2022 and 2023, LYS and LYN achieved **Level 4+** (highest level at that time) of **Airport Carbon Accreditation**, a global certification program, recognizing our airports' decarbonization efforts.
- **First airport** in the VINCI Airports network to obtain a **highest ACA level of certification.**
- **Focus on the involvement** of partners, including scopes 1, 2 and 3.

04

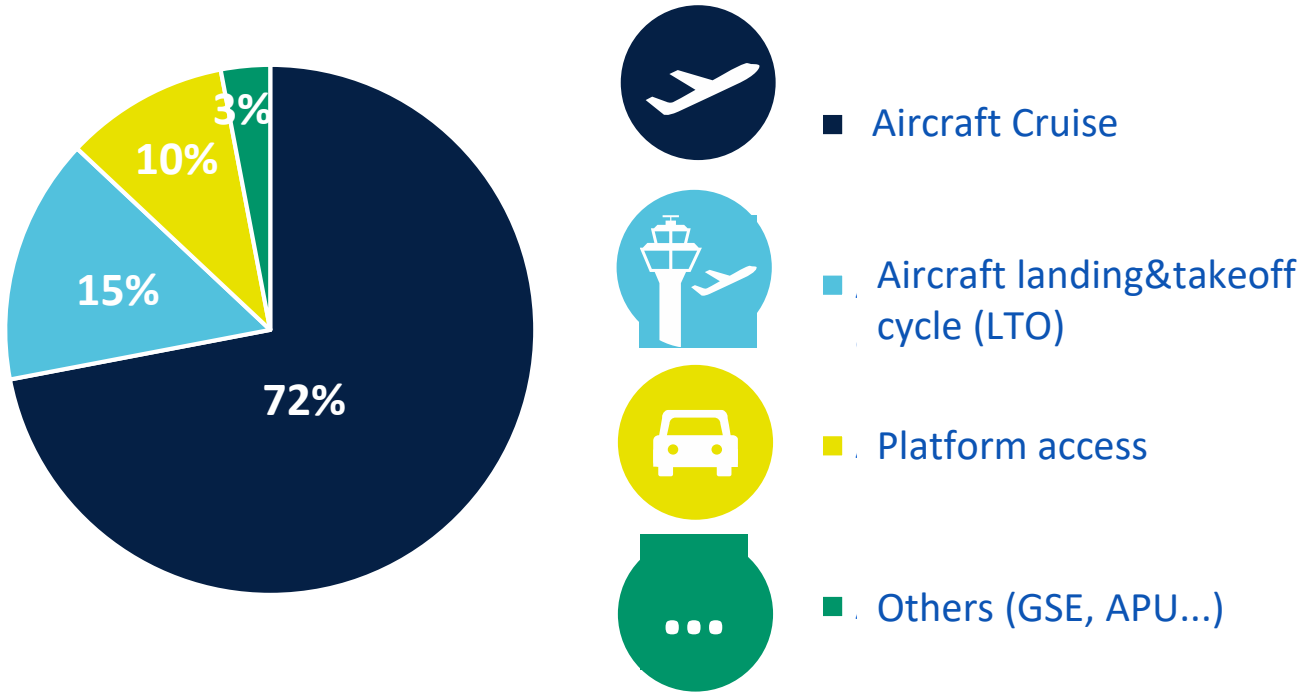
Acting on the
value chain
and beyond

Reduction of Scope 3 greenhouse gas emissions:

Mapping of current Scope 3 Emissions, example of LYS :



Origin of SCOPE 3 emissions at Lyon-Saint Exupéry airport (average 2019-2021)



Reduction of Scope 3 greenhouse gas emissions:

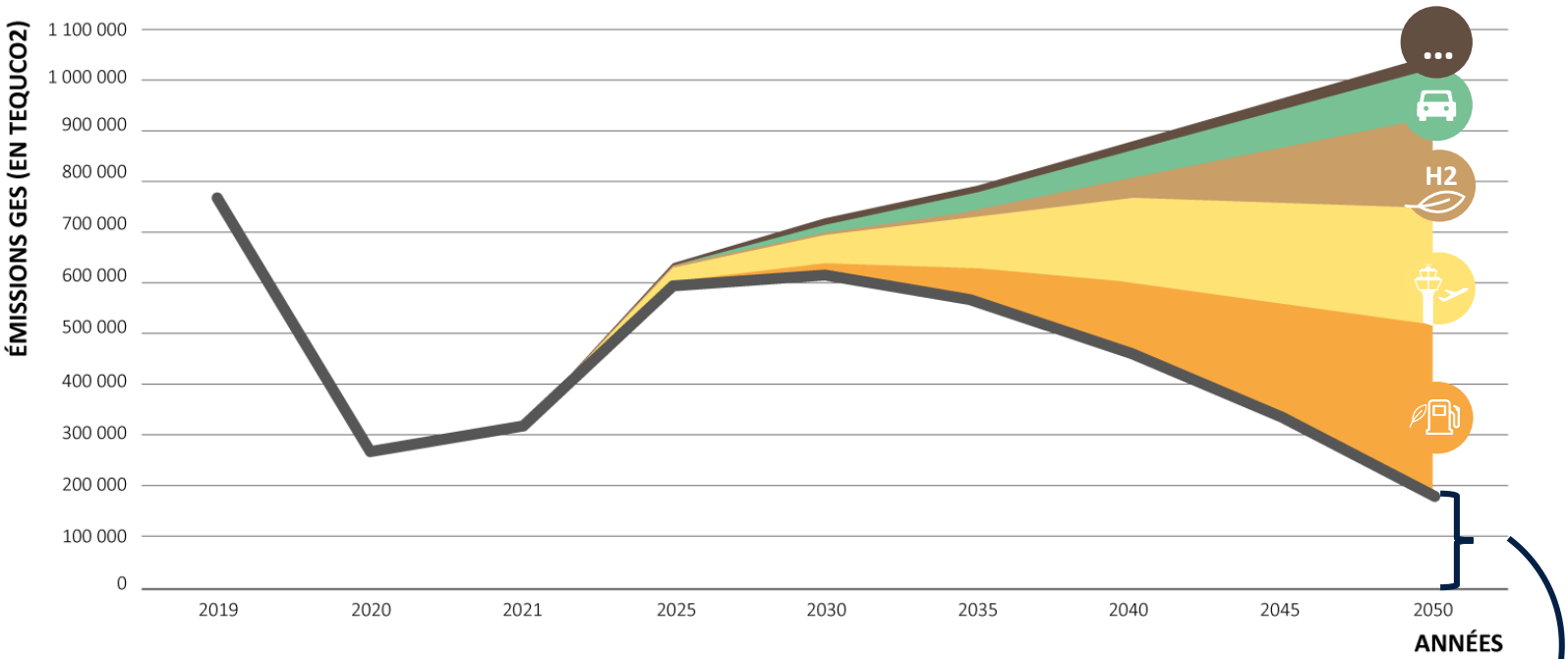
Our achievements and commitments to a sustainable future :



Reduction of Scope 3 greenhouse gas emissions:

2050 Scope 3 emissions' trajectory :

EMISSIONS SCOPE 3 AEROPORTS DE LYON



- TOTAL ÉMISSIONS SCOPE 3
- SAF
- Renouvellement flotte & amélioration tech/ops
- Avion décarbonné / H2
- Accès plateforme
- Autres

Residual emissions sequestered in natural and artificial carbon sinks

Distribution of the reduction in CO2 emissions (scope 3) in 2050 :

- SAF = 39 %
- Fleet renewal and operational improvements = 27 %
- H2 flights = 21 %
- Platform access = 11 %
- Other = 2 %

05

Acting for the
Climate through
Carbon Sinks

CARBON SEQUESTRATION AND REDUCTION PROJECTS



Cantinière local reforestation project (2021)

- Partnership with Department Authority and French Forestry Office
- Certified LABEL BAS CARBONE
- 1 hour / 50 km from airport
- ~4500 trees planted on 3,5 ha
- Sequestration potential of 583 tCO₂

Pyramide local reforestation project (2022)

- Partnership with Department Authority and French Forestry Office
- Certified LABEL BAS CARBONE
- 1 hour / 55 km from airport
- ~5000 trees planted on 3,8 ha
- Sequestration potential of 943 tCO₂

Low-carbon local agriculture project (2023)

- Partnership with Chamber of Agriculture and local farmers' group
- Certified LABEL BAS CARBONE (upcoming)
- 20 minutes / 15 km from airport
- 13 Farms / 1900 ha cultivated
- Reduction of fertilizer and use of cover crops between "cash-crop" plantings
- Sequestration potential of 9477 tCO₂

CARBON SEQUESTRATION AND REDUCTION PROJECTS

Passenger climate contribution service (parking and flight booking)

P5 **Parking P5** 1 space €62.90 Delete ✕

🕒 **Begin** Saturday, March 30 11:00 AM

🕒 **End** Wednesday, April 03 12:00 PM


[Change dates >](#)

1 item in your cart


Cart subtotal €62.90

Total (Incl.Tax) €62.90

[Confirm your cart](#)

 **Climate contribution** Reduce ^

I am making a contribution to support global climate action projects that help remove CO2 (carbon dioxide) from the atmosphere.




CURRENT PROJECT

Restoring a damaged forest in Auvergne


Certified "Label Bas Carbone", this project will restore 7.5 hectares of forest in the city of Tauves (Puy-de-Dôme). Because of a parasite and the climate effects, the flora have suffered severe dieback. Using sustainable management methods, 12,000 trees of various species will be replanted to regenerate the area, while maintaining a key refuge for local biodiversity.

[En savoir plus](#)


Round trip distance between my home and the airport:

50 km 

Type of engine of my vehicle:

Petrol 

Amount of my contribution:

€0.79 

19.78 kg CO2e



 Secure payment

