

VINCI AIRPORTS ENVIRONMENTAL AMBITIONS



OUR ENVIRONMENTAL COMMITMENTS FOR 2030

PROTECT BIODIVERSITY
EVERYWHERE



ZERO
PESTICIDE



HALVE OUR
WATER CONSUMPTION



SEND ZERO WASTE
TO LANDFILL



**HALVE OUR
CARBON
FOOTPRINT**



100% ISO 14001
CERTIFICATION



**NET ZERO EMISSIONS BY 2030 FOR EU
& BY 2050 FOR THE REST OF THE WORLD**

- 1 PRESERVE NATURAL ENVIRONMENTS
- 2 OPTIMISE RESOURCES THANKS TO CIRCULAR ECONOMY
- 3 ACT FOR THE CLIMATE



PRESERVE NATURAL ENVIRONMENTS



WATER CONSUMPTION

Recycling water from fire trucks testing

HALVE OUR
WATER
CONSUMPTION



Nantes airport



WATER CONSUMPTION

Waste water treatment and reuse treated water

HALVE OUR
WATER
CONSUMPTION



PRESERVING NATURAL ENVIRONMENTS

- 82% of pesticide used and 42 sites pesticide free

ZERO PESTICIDE



PRESERVING NATURAL ENVIRONMENTS

Biodiversity preservation

PROTECT
BIODIVERSITY
EVERYWHERE



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PRESERVING NATURAL ENVIRONMENTS

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PROTECT
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EVERYWHERE



Lyon airport
Grenoble airport
Nantes airport
Rennes airport



Optimizing
resources thanks to
the circular
economy



OPTIMIZING RESOURCES THANKS TO THE CIRCULAR ECONOMY

SEND ZERO
WASTE TO
LANDFILL



Salvador Bahia
airport

100%
waste recovered



OPTIMIZING RESOURCES THANKS TO THE CIRCULAR ECONOMY

SEND ZERO
WASTE TO
LANDFILL



Belgrade
airport

63%

recycled waste
(6% in 2021)



OPTIMIZING RESOURCES THANKS TO THE CIRCULAR ECONOMY

SEND ZERO
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Inclusive recycling projects
in Cambodian airports



OPTIMIZING RESOURCES THANKS TO THE CIRCULAR ECONOMY

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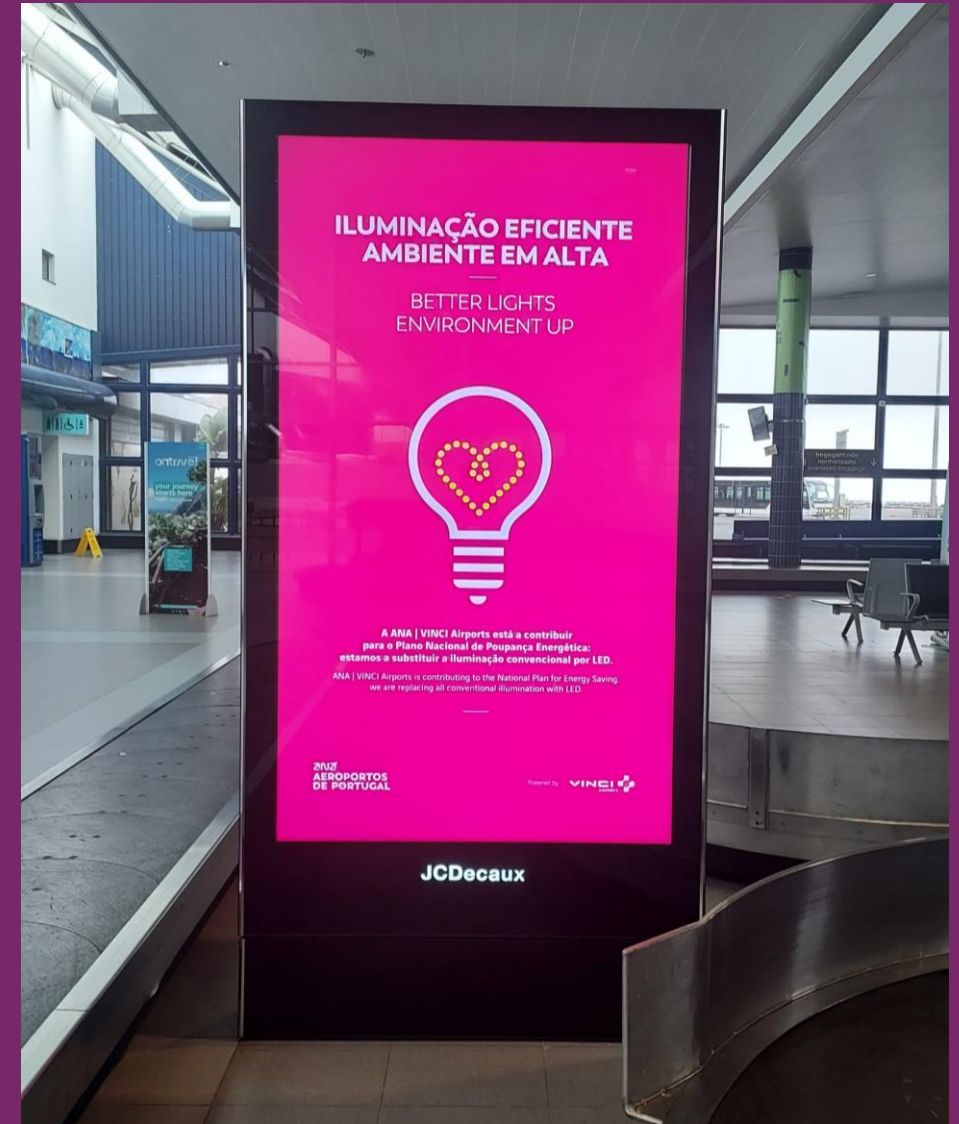


Building inclusive
recycling projects in
Amazonia



Act for the climate

SCOPE 1 & 2



3 levers to move towards net zero emissions



Exemplary
on our scope



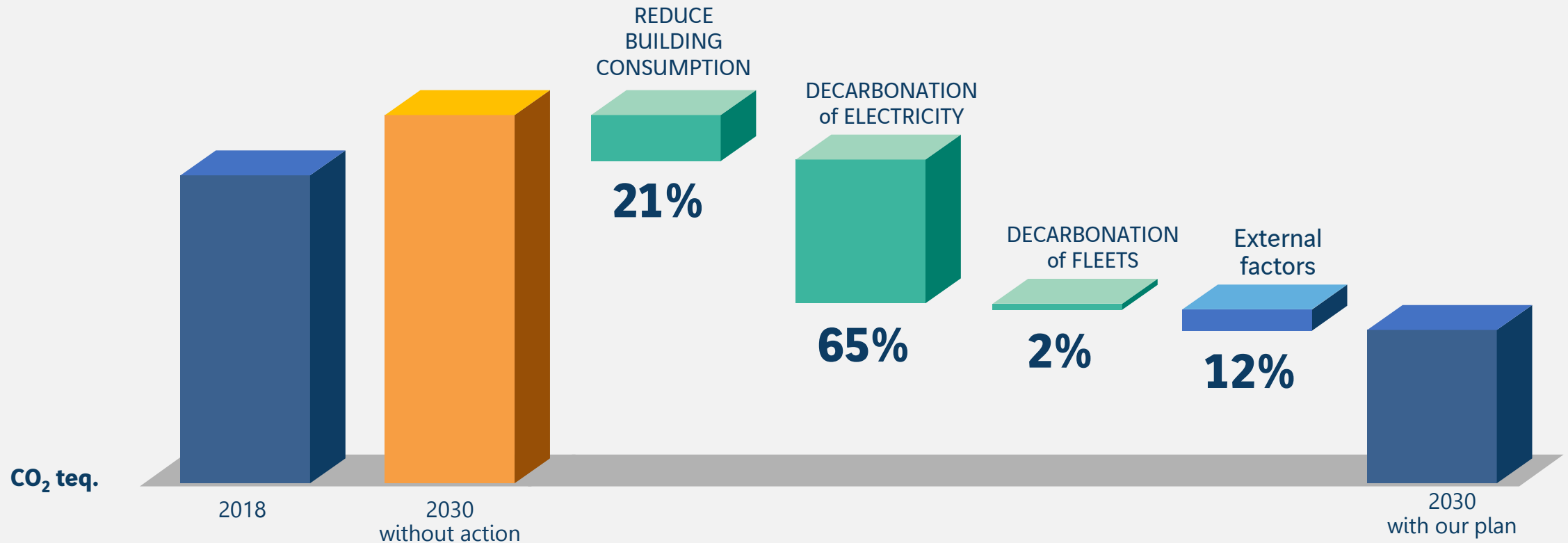
Acting on the value chain
and beyond



Financing
carbon sinks

OUR LEVERS TO DECARBONIZE OUR SCOPE

HALVE OUR
CARBON
FOOTPRINT

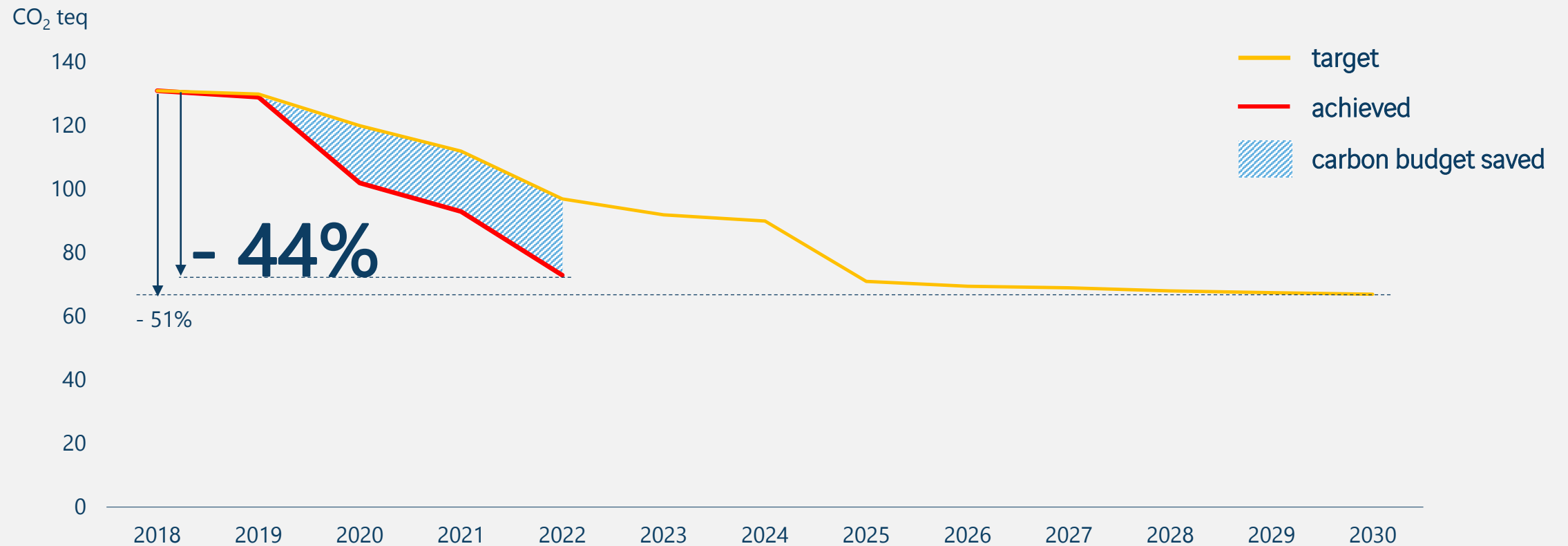


DECARBONIZATION TRAJECTORY : +1,5°C ALIGNED

HALVE OUR
CARBON
FOOTPRINT



Carbon emissions
(in CO₂ teq)



Exemplary on our scope

Energy efficiency measures

17 airports already full LED

For the others, progress rate of LED relamping:

- Passenger terminal buildings: 68%
- Aprons: 53 %
- Runway / Taxiways: 55%
- Passengers car parks: 37%

11 highways already full LED

68% achievement for VINCI Highways as an average



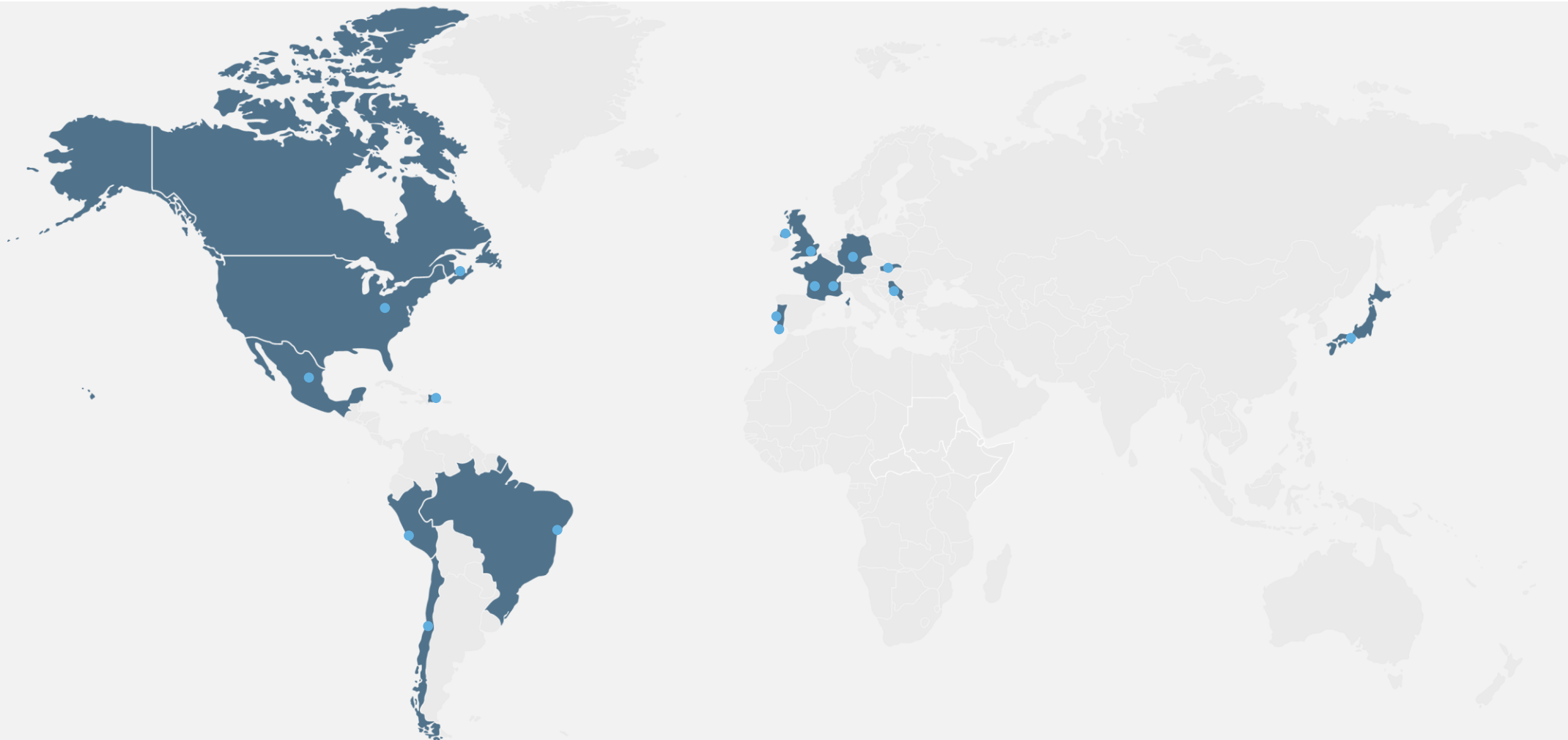
Exemplary on our scope

Photovoltaic plants: 35,7 MWp incl. 22,3 MWp for self-consumption



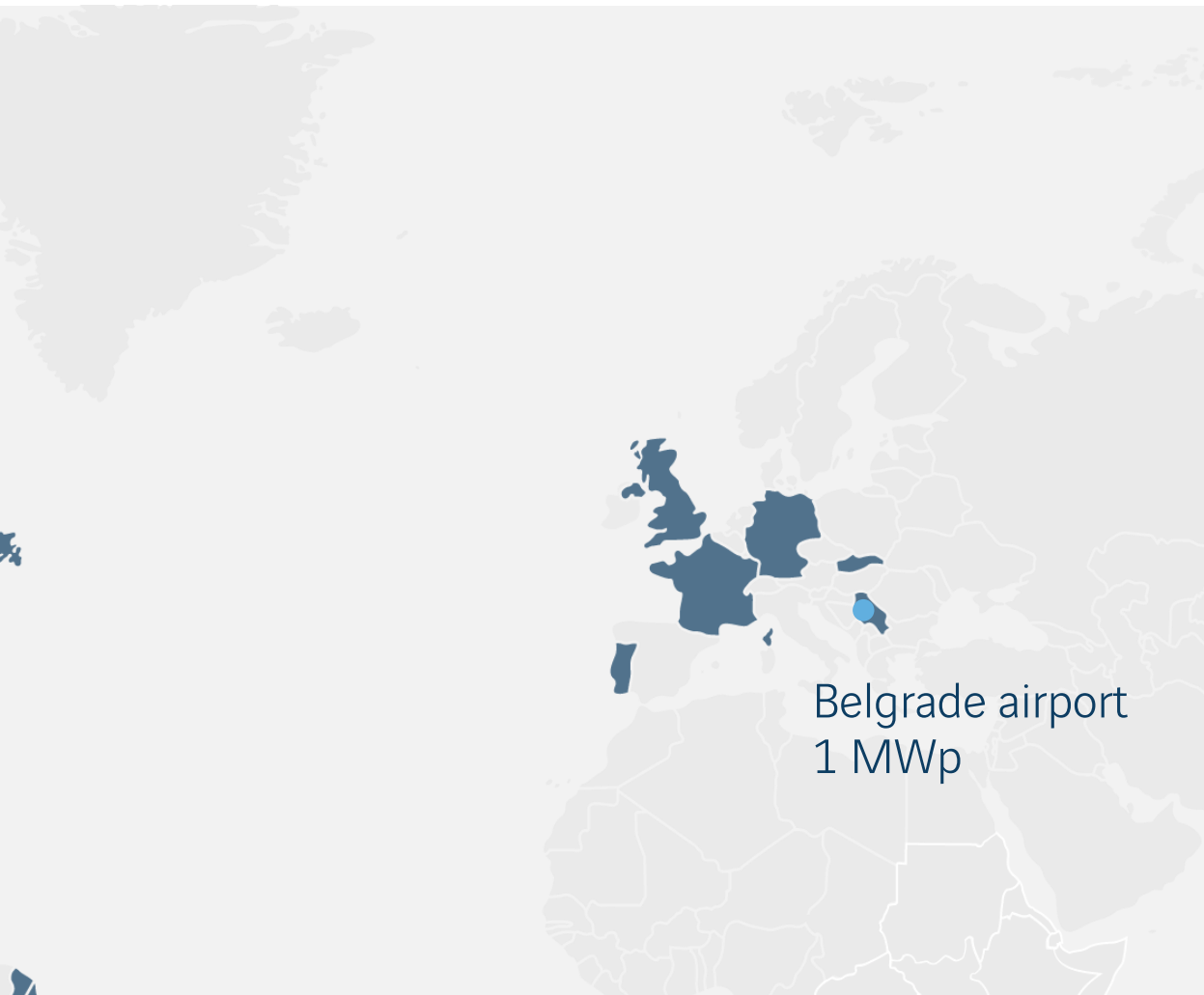
NEW SOLAR FARMS BRINGING THE FULL CAPACITY TO 51MW_p

HALVE OUR
CARBON
FOOTPRINT



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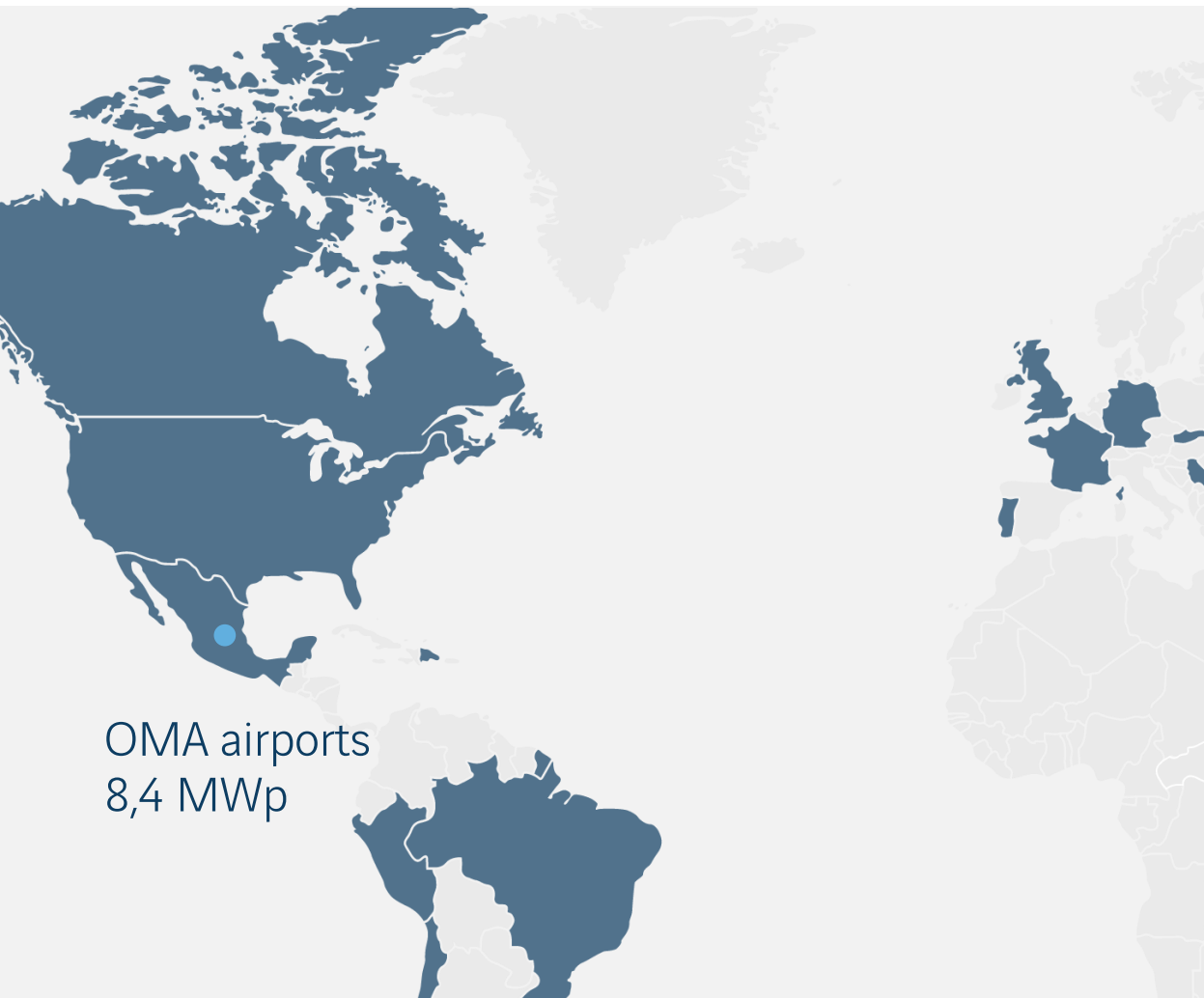


Faro airport
2,9 MW_p



NEW SOLAR FARMS BRINGING THE FULL CAPACITY TO 51MW_p

HALVE OUR
CARBON
FOOTPRINT

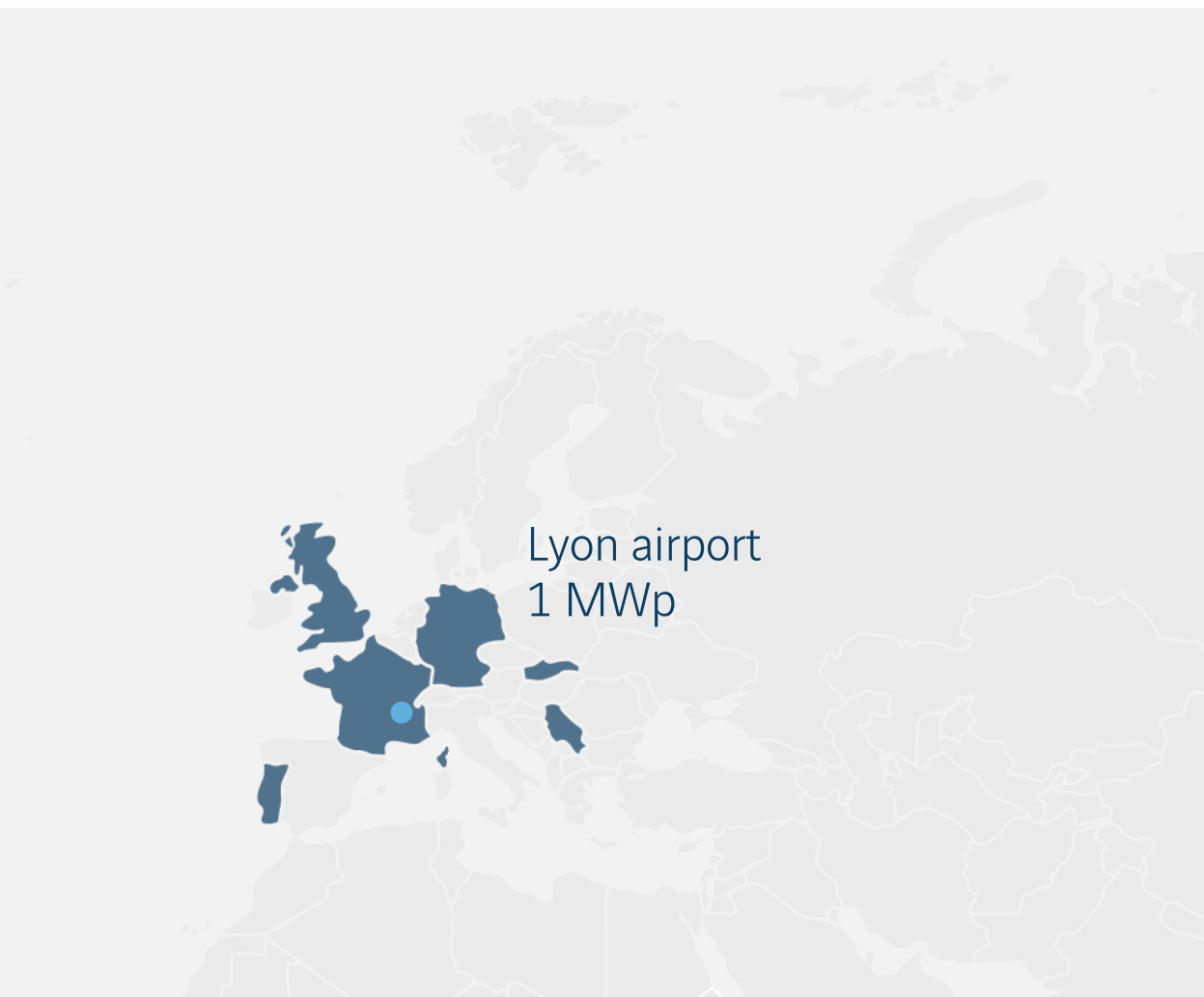


OMA airports
8,4 MWp



NEW SOLAR FARMS BRINGING THE FULL CAPACITY TO 51MW_p

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NEW SOLAR FARMS BRINGING THE FULL CAPACITY TO 51MW_p

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Lyon airport

- Building a 20MW_p
- One of the largest shaded power plants in the country.
- Avoiding the emission of 1,600 tons of CO₂/year



IMPLEMENTING THE ENERGY SAVING PLAN IN EUROPE: 17° IN TERMINALS, 19° IN OFFICES



14% OF GREEN VEHICLES IN OUR FLEETS

HALVE OUR
CARBON
FOOTPRINT



551

Green vehicles

+81

New green vehicles

100%

of new vehicles
in HQ

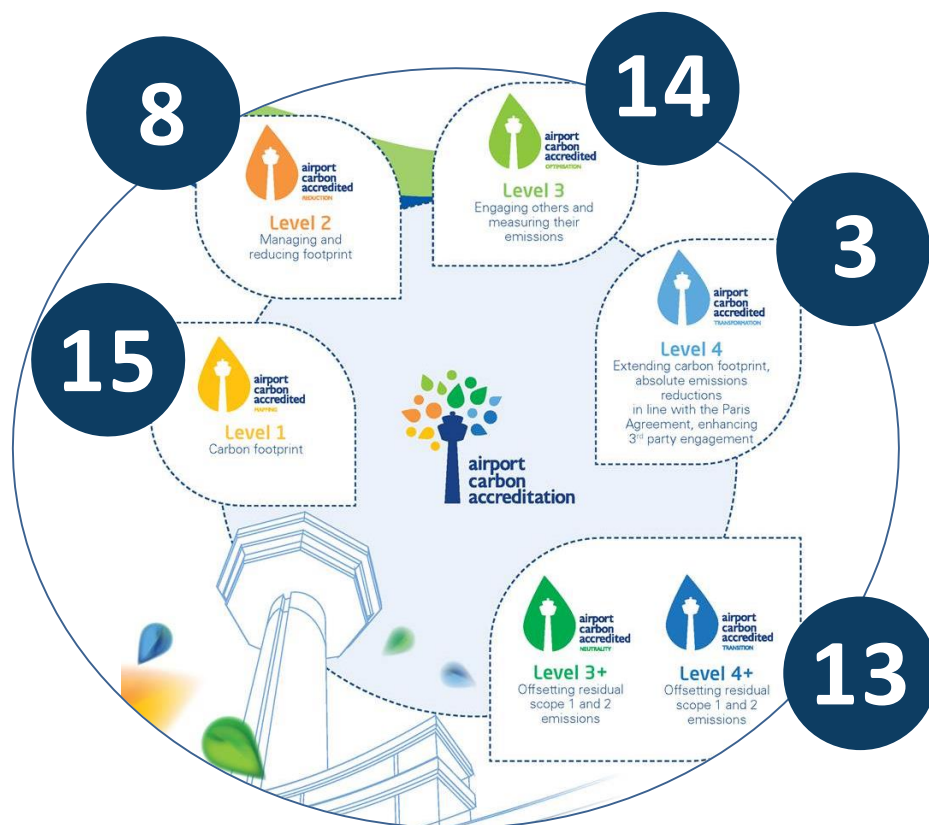


VINCI AIRPORTS CONTRIBUTION INTO THE AIRPORT CARBON ACCREDITATION PROGRAM

HALVE OUR
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53 airports accredited
13 at the highest level
4 airports for ACA 5 pilot phase



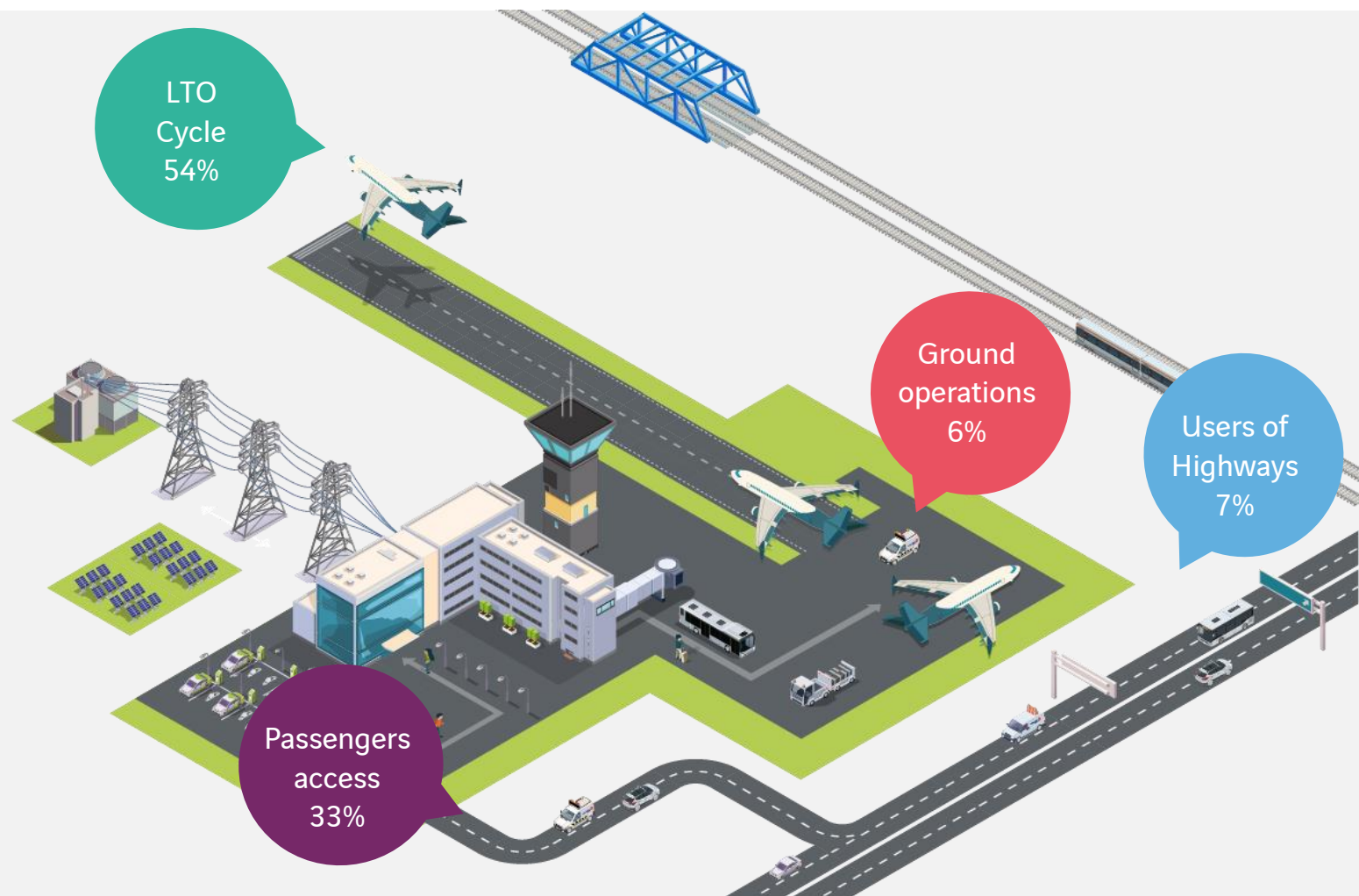
Act for the climate

SCOPE 3



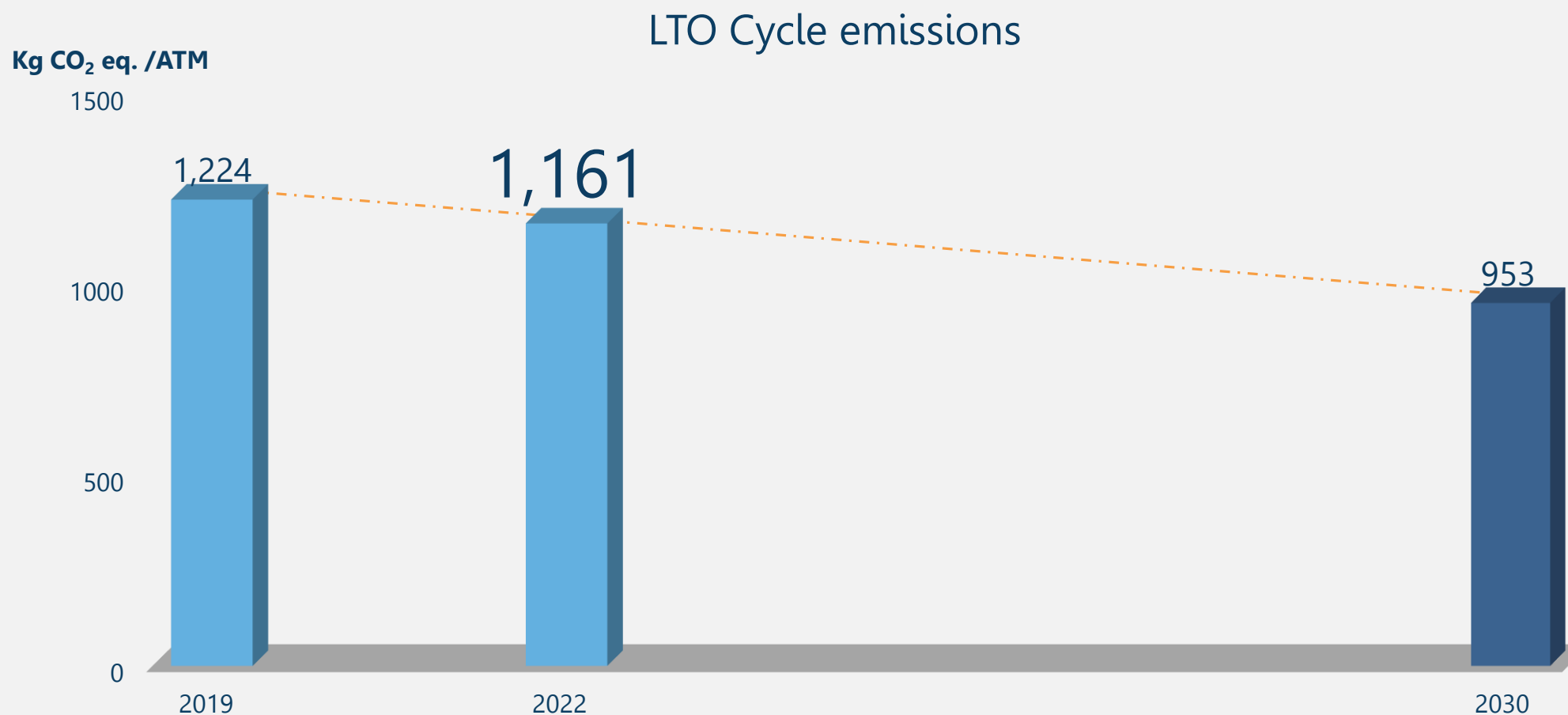


Scope 3 breakdown



LTO CYCLE: -22% BY 2030

ACT ON THE
VALUE CHAIN



CARBON LANDING FEES MODULATION

ACT ON THE
VALUE CHAIN



Implemented in France & Gatwick
Portugal and Belfast by 2024
Brazil under study



Financial
neutrality
for the airports



All flights included
but military
and sanitary ones



Respect of the
local regulations



The carbon
emission are
calculated based
on international
databases



Taking into
account the
real seat
configuration for
each aircraft

SUSTAINABLE AVIATION FUEL (SAF)

ACT ON THE
VALUE CHAIN



H2 PROJECTS IN MOBILITY

ACT ON THE
VALUE CHAIN



APU-OFF (AUXILIARY POWER UNITS) OBJECTIVE 100% 400Hz BY 2030

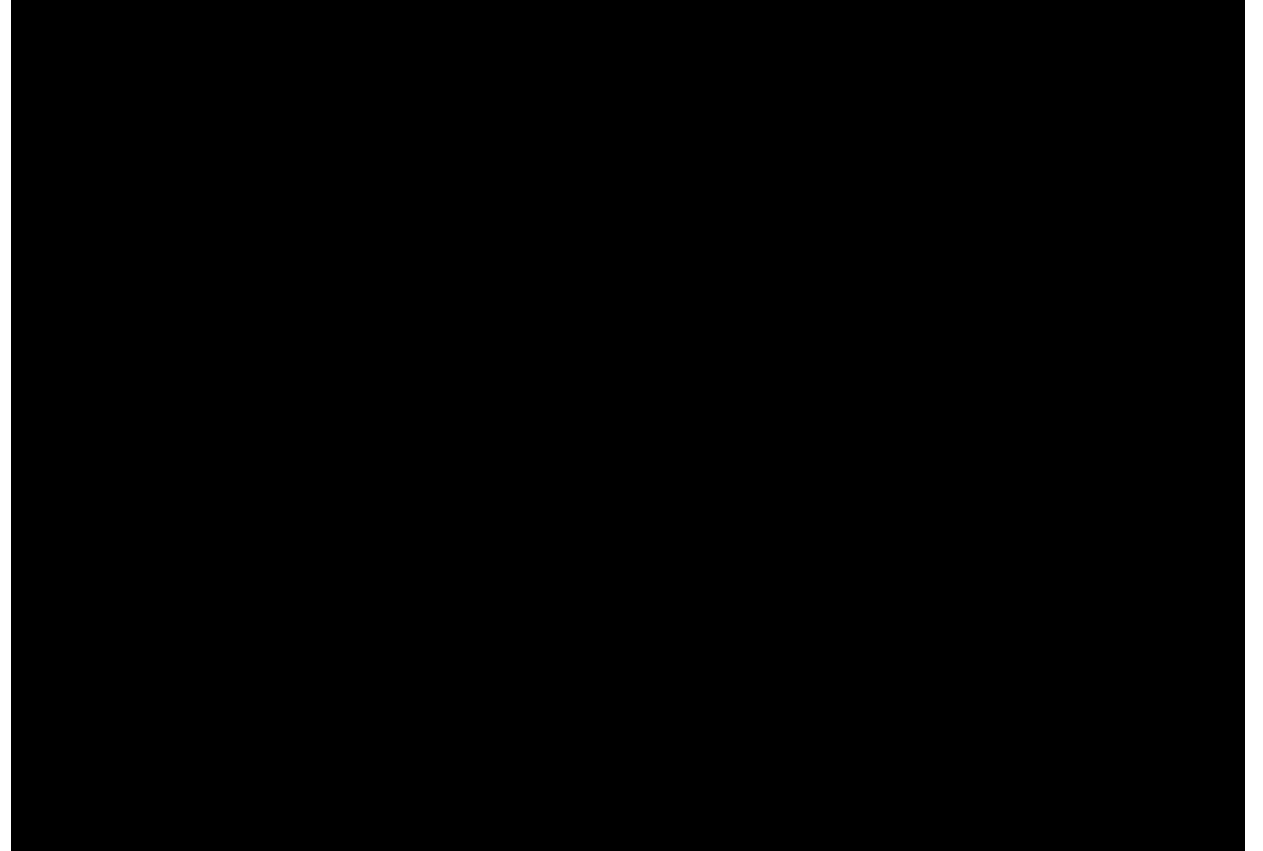
ACT ON THE
VALUE CHAIN



75%

contact stands equipped with 400Hz in Portugal,
Gatwick, Phnom Penh, Serbia, Lyon, Japan, Chile,
USA, OMA, Manaus

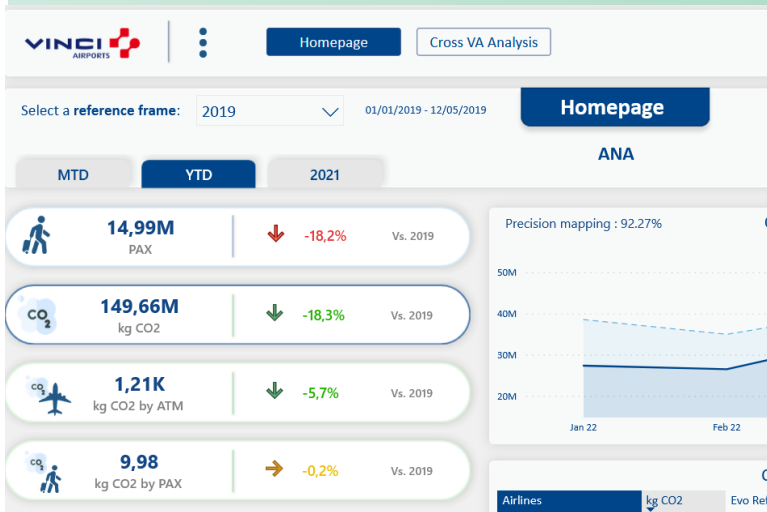
(25% remote stands equipped with 400Hz)



Going the extra mile on scope 3

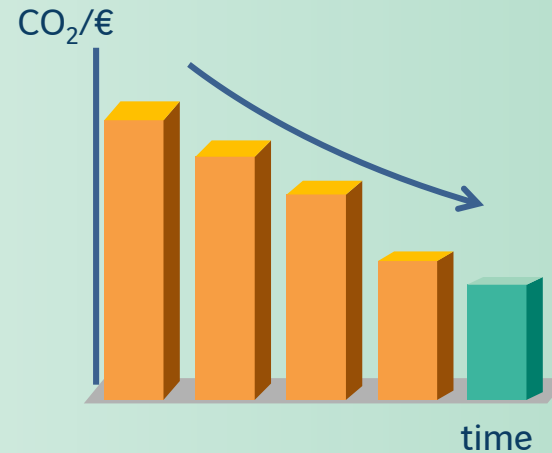
Reducing scope 3 & monitoring

Real time monitoring LTO cycle



- Monitoring Aircraft awarded initiative
- On going project to calculate automatically LTO & Taxiing CO2 Emissions based on operational data (Smart Data Hub)

Acting on purchasing goods and services



- On going project with procurement department to better monitor upstream CO2 emissions
- Environmental requirements included in RfP & contracts

Optimizing design & build



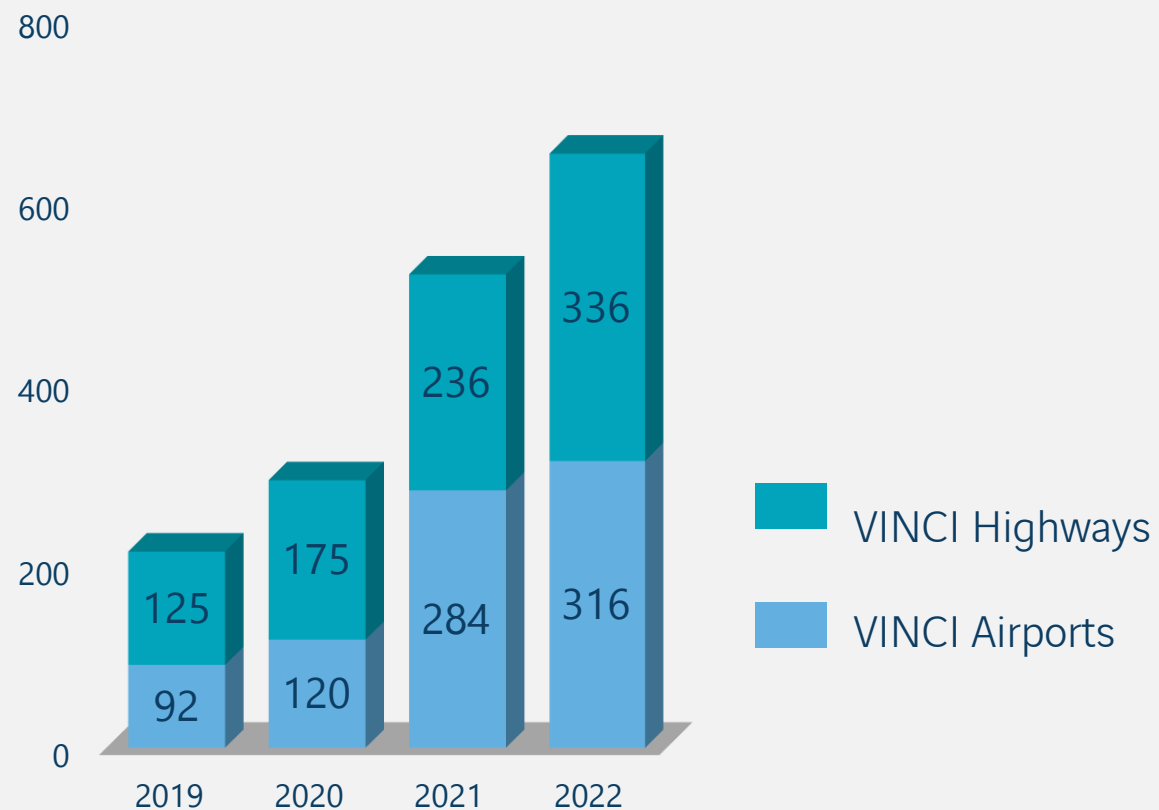
- Minimum Technical Requirements + All new building project and renovation certified or labeled environment (LEED, HQE, E+C-, Effinergie Renovation)
- Carbon footprint required for each significant project

EV CHARGING STATIONS

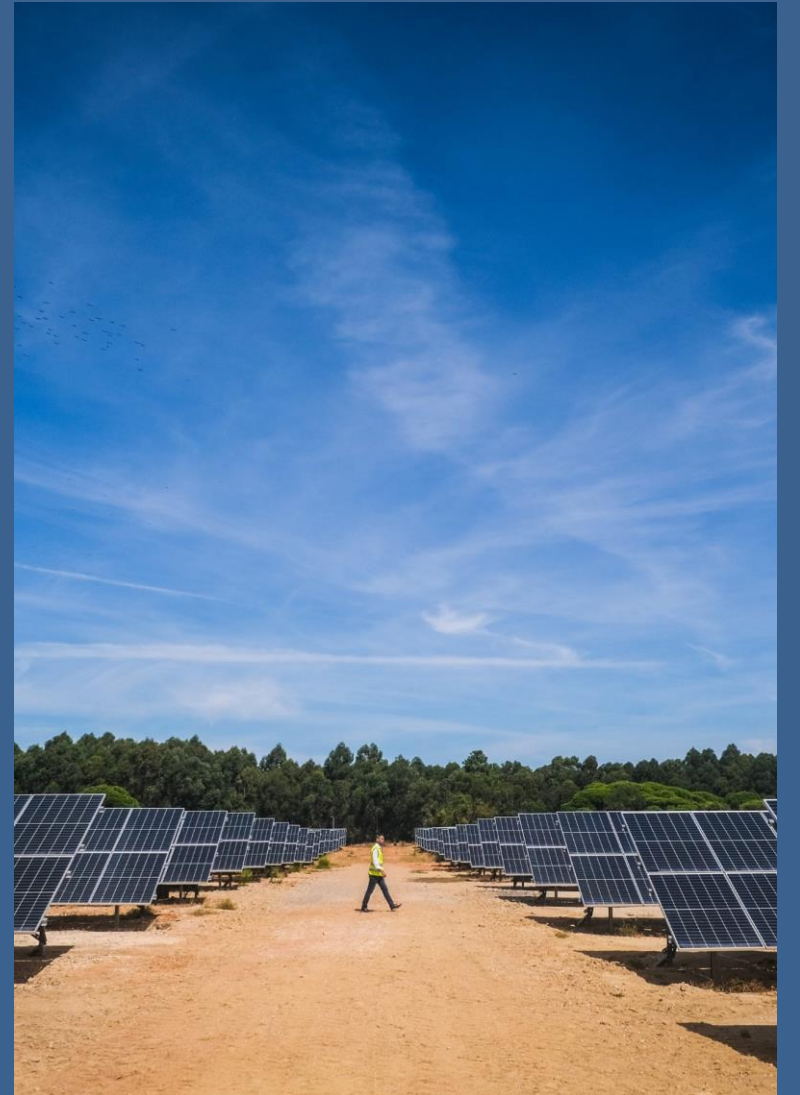
ACT ON THE
VALUE CHAIN



EV charging stations on
the network



Investing for tomorrow



INVEST IN CO₂ REMOVAL PROJECTS TO ACHIEVE NET ZERO

CARBON SINKS



NEW IN 2022
MESEA : Bord de baignes, 10 ha of reforestation, c. 1465t of CO₂ captured

FRANCE
Forestation /
Reforestation
of c. 150 ha

LYON
Reforestation
of 3,5 ha



NEW IN 2022
LYON, Pyramide: 3,7 ha of reforestation,
c. 900t of CO₂

COSTA RICA
Reforestation
c. 0,5 ha

PERU
forest
preservation
(c.708 tCO₂ eq)

PORTUGAL
Reforestation
of c. 4 ha



NEW IN 2022
PERU: Forest preservation,
721t of CO₂ captured



NEW IN 2022
TOULON: 2 ha of reforestation,
c. 48t of CO₂ captured



NEW IN 2022
JAPON: 54 ha of seaweed,
c. 25t of CO₂ captured around KIX

THANK YOU

