



In compliance with Article 227 of Royal Legislative Decree 4/2015 of 23 October, which approves the consolidated text of the Securities Market Act, Aena, S.M.E., S.A., (the 'Company') hereby announces the following

#### OTHER RELEVANT INFORMATION

The Board of Directors of Aena, S.M.E., S.A., at its meeting of 23 March 2021, approved the Aena Climate Action Plan 2021-2030, which will be submitted to a consultative vote at the next General Shareholders' Meeting scheduled for 27 and 28 April 2021, on first and second call, respectively.

The Climate Action Plan attached to this notice has been approved in compliance with the commitment outlined in the Company's Bylaws at the General Shareholders' Meeting held in 2020 and is in line with the Climate Change Strategy approved in 2018. This Plan sets out the annual objectives and the breakdown of programmes and lines of action that will make it possible to achieve carbon neutrality by 2026, and a 94% reduction in emissions per passenger associated with Aena's own operations by 2030.

It has also been reported that the Company has approved the creation of the position of Chief Green Officer, which will be undertaken by Ms. Amparo Brea Álvarez, Director of Innovation, Sustainability and Customer Experience.

The Secretary of the Board of Directors
Juan Carlos Alfonso Rubio





# CHARACTERIZATION AND OBJECTIVES OF THE CAP

AENA'S COMMITMENT TO THE FIGHT AGAINST CLIMATE CHANGE

In 2018 Aena published its **Climate Change Strategy** in line with its commitment to achive sustainability in its activity. During 2020, the objectives derived from the first phase of the Aena's Strategy against Climate Change were achieved:

- Reduction of 53% of CO<sub>2</sub> emissions of Aena in absolute terms (base year 2015)
- Achieve a 100% share of energy supply from renewable energies
- Reduction of 30% of emissions from handling agents at Adolfo Suárez Madrid-Barajas Airport and 20% in remaining airports

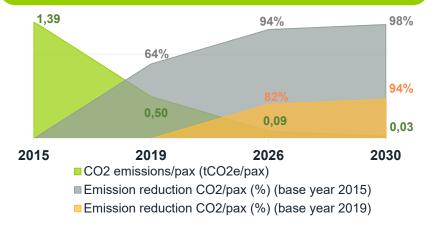
This performance was recognized by the Carbon Disclosure Project (CDP), which for two consecutive years has awarded the

"A List" rating, the highest level established by this organization, placing it among the only 7 Spanish companies to have obtained this score.

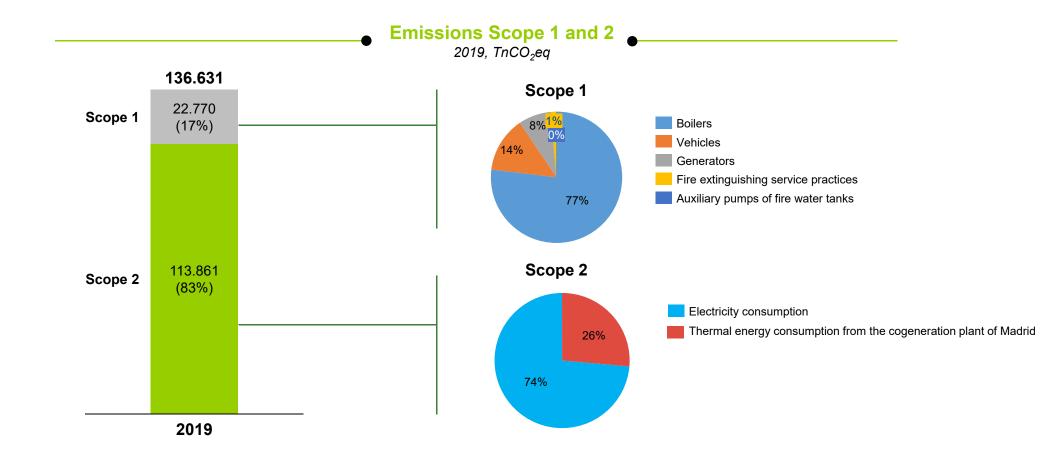




In the context of a green recovery of the sector
Aena wants to go further in its initial objectives and
based on them presents its
Climate Action Plan



# **CONTRIBUTION IN THE EMISSIONS OF AENA – BASE YEAR**



# **OBJECTIVE, DURATION AND SCOPE OF THE CLIMATE ACTION PLAN**

#### LONG TERM VISION



Definition of objectives and initiatives with a 2030 scope, laying the foundations to achieve Net Zero Carbon by 2040, for its integration into successive Aena Strategic Plans

#### **GREATER SCOPE**





Promote improvements in sustainability in the air transport sector, developing initiatives with an impact beyond its own operations

Annual objectives and breakdown of programs, lines of action, initiatives and projects, and their contribution to the achievement of the objectives



**BASE YEAR OR STARTING POINT** 



CARBON NEUTRAL









**NET ZERO (4) CARBON** aena 2040

7 airports ACA level 3+ (NEUTRAL)



2019

2026

2030

2040

Possible revision of the CAP objectives

Finalization of CAP



# **KEY FACTS**

# **KEY FACTS OF THE CLIMATE ACTION PLAN**



The Climate Action Plan will enable in 2026 to achieve carbon neutrality and, laying the foundations to achieve Net Zero Carbon by 2040, will enable a 94% reduction in emissions per passenger associated with Aena's own operations by 2030



Aena will act as a driving force in the sector, promoting the introduction of 78% of sustainable and ground handling vehicles and equipment by 2030 and will drive additional reductions associated with airlines



The plan involves investments of close to € 550M in the 2021-2030 period

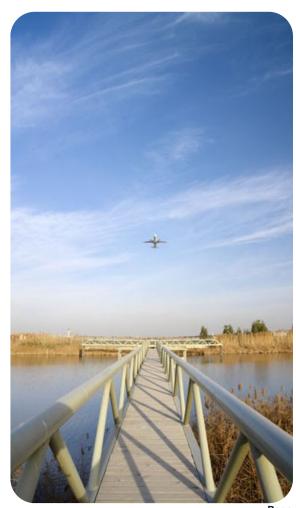


The Plan strengthens internal mechanisms for monitoring the plan to ensure the development and regular follow-up of the initiatives (e.g. Specific Commission, Operational Working Group)



The Plan complies with the requirements of the Task Force on Climate-related Financial Disclosures (TCFD) and the Sustainability Accounting Standards Board (SASB), including information related to corporate governance, strategy, risk and opportunity management, metrics and their evolution.

The implementation of the Climate Action Plan and the achievement of its objectives concerns **all** the Directorates of Aena

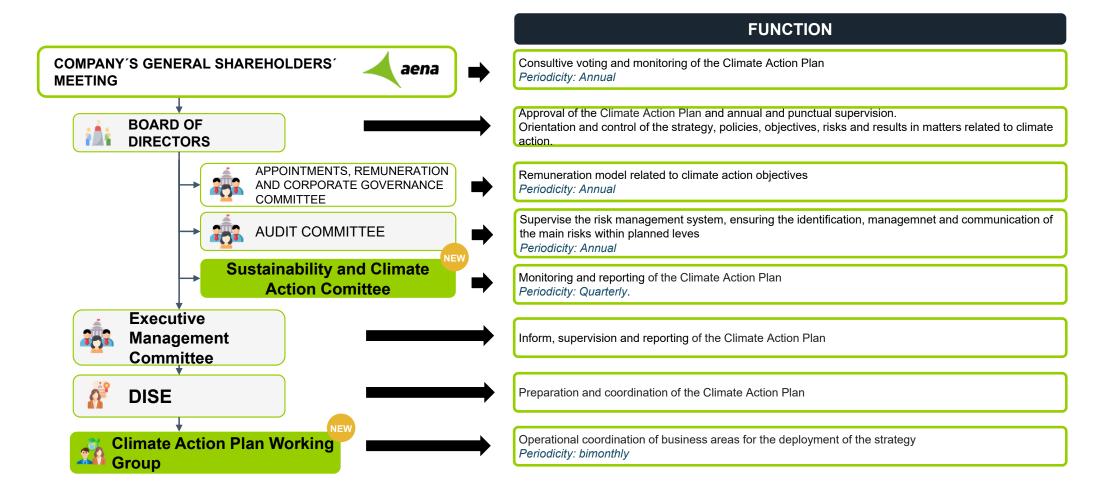


Page 6



# GOVERNANCE

## **GOVERNANCE REGARDING CLIMATE ACTION**





# CLIMATE RISKS AND OPPORTUNITIES

## **CLIMATE RISKS ANALYSIS**

Based on the guidelines of the Task Force on Climate-related Financial Disclosure (TCFD), an analysis of risks and opportunities arising from climate change has been carried out, considering 3 climate scenarios



PHYSICAL RISKS: factors such as rise of temperatures, heat waves, extreme precipitations and sea level rise due to the direct consequences that these may have on airport operations.

**CONSEQUENCES**: Possible increase in Heating, Ventilating and Air Conditioning (HVAC) costs, investments to extend runways at some airports to avoid operational restrictions or undertake investments to protect facilities from extreme precipitation or sea level rise.

The risk analysis leads to the need to promote emission reductions beyond own perations

**TRANSITION RISKS**: marketplace, regulatory and reputational risks are considered

#### REGULATORY AND LEGAL

## Regulatory changes could lead to the

could lead to the tightening of carbon markets

Posible imposition of new taxes and increase of ticket prices (kerosene or eco-tax) Imposition of a percentage of SAF utilization

#### **MARKETPLACE**

Changes in consumer behaviour (disincentive/restriction of domestic flights where high-speed rail alternative is available)

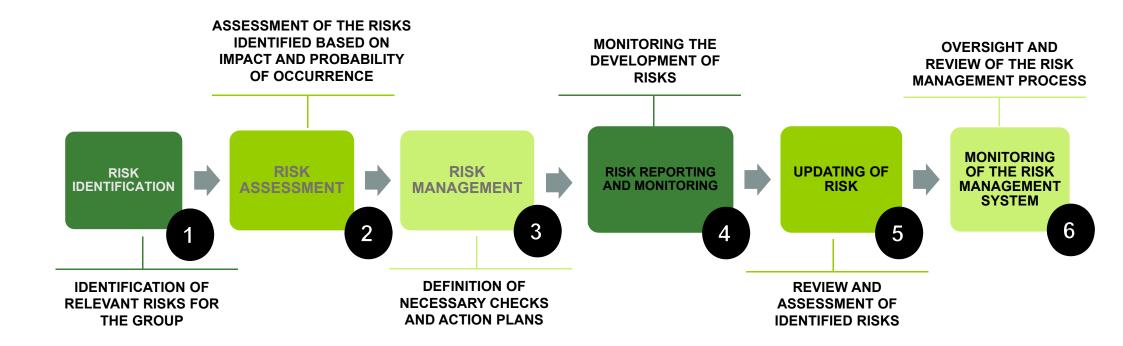
**Decreasing international tourist demand** 

#### **REPUTATION**

**Divestment of relevant shareholders** 

Increase relevance of sustainability in financing costs

## METHODOLOGY FOR RISK MANAGEMENT



CAP risk management must be integrated with Aena's global risks management to facilitate the external reporting process



# **STRATEGY**

# STRATEGIC PROGRAMS OF THE CLIMATE ACTION PLAN

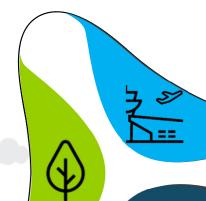
#### **CARBON NEUTRALITY**

Scope 1 + 2

Become a carbon neutral airport operator (2026) and lay the groundwork to achieve Net Zero Carbon (2040)

#### **ACTION LINES:**

- ✓ RENEWABLE ENERGY
- **✓ ENERGY EFFICIENCY**
- ✓ SUSTAINABLE FLEET
- **✓ EMISSION OFFSETTING**



#### SUSTAINABLE AVIATION

Scope 3

Acting as a tractor for other players in the aviation sector to accelerate its decarbonisation

#### **ACTION LINES:**

✓ CLEAN PROPULSION FOR AIRCRAFT
✓ EFFICIENCY IN AERONAUTICAL OPERATIONS
✓ SUSTAINABLE GROUND HANDLING FLEET

# COMMUNITY AND SUSTAINABLE VALUE CHAIN

Scope 3

Improve the sustainability of the environment by collaborating with suppliers, tenants, transport agents and the community

#### **ACTION LINES:**

✓ SUSTAINABLE MOBILITY
✓ CLIMATE COOPERATION AND AWARENESS

#### **PROGRAM**



CARBON NEUTRALITY



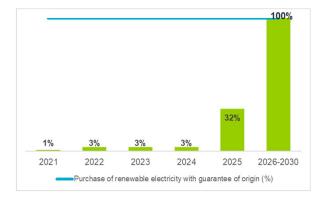
### STRATEGIC OBJECTIVES

% REDUCTION OF ABSOLUTE CO<sub>2</sub> EMISSIONS (Scope 1 and 2)

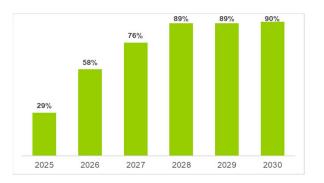




% OF RENEWABLE ENERGY PRODUCED BY SELF-CONSUMPTION AND % OF PURCHASE OF GREEN ENERGY WITH GUARANTEE OF ORIGIN



% CONSUMPTION (PURCHASE+PRODUCTION) OF SUSTAINABLE ENERGY FOR BOILERS AND COGENERATION PLANT (MAD)\*



<sup>\*</sup> Geothermal energy included



# RENEWABLE ENERGIES

Ensure 100% of self-consumed green electricity and 90% of sustainable fuels consumed (purchase+production) by 2030

SCOPE

#### **ACTIONS**

RENEWABLE ELECTRICITY PRODUCTION

Green energy generation through the Photovoltaic Plan (975 GWh/year by 2026)

Pilot project to replace 2 generator sets with hydrogen cells in BCN in 2023 and depending on results extrapolation project to PMI and LPA in 2028.

SUSTAINABLE AIR CONDITIONING ENERGY PRODUCTION

Green air-conditioning energy generation by means of geothermal energy at MAD, BCN and PMI airports by 2026

Biogas production in MAD airport by 2026

PURCHASE OF GREEN ELECTRICITY AND PURCHASE OF SUSTAINABLE FUELS FOR AIR CONDITIONING

Substitution of fossil fuels for sustainable fuels in MAD's boilers and cogeneration plant.

#### **SPECIFIC OBJECTIVES**

Ensure 100% of self-consumed green electricity by 2026

Barcelona Project implemented by 2023

Ensure self-consumption of sustainable air conditioning energy:

19% by 2026 25% by 2030

% of sustainable fuel purchase:

22% by 2026

**65%** by **2030** 



# **ENERGY EFFICIENCY**

Reduce the energy comsuption per passenger by 9% by 2030

**SCOPE** 

**EFFICIENCY IN** 

**CONSUMPTION** 

**ELECTRICITY** 

#### **ACTIONS**

Expansion to 100% LED in terminals in 2026

Implementation of LEDs on platforms and beacons by 2030

Extension of the intelligent energy management platform to monitor consumption at 10 airports by 2030

EFFICENCY IN AIR CONDITIONING

Reduction of the cogeneration plant's operating regime in 2026

Progressive plan to replace equipment with more energy efficient ones (boilers...)

#### **SPECIFIC OBJECTIVES**

Reduction of electricity consumption per passenger by **10%** by **2030** 

Reduction of air-conditioning energy consumption per passenger by **9%** by **2030** 



#### AENA'S OWN SUSTAINABLE FLEET

100% sustainable vehicles by 2026

**SCOPE** 

**ELECTRIFICATION** 

**VEHICLES** 

#### **ACTIONS**

Electrification of passenger cars and vans owned by

USE OF SUSTAINBLE FUELS

Use of sustainable fuels in all other existing vehicles (e.g. trucks, coaches and off-road vehicles).

CAR SHARING OWN

Promoting sustainable mobility in aiport fleet

#### **SPECIFIC OBJECTIVES**

Electrification of **26%** of vehicles by **2026** 

**74%** of own vehicles using sustainable fuel by 2026

Implementation of the car sharing pilot project airport fleet by 2022

**CARBON OFFSET** 

EMISSION NEUTRALITY

**Emissions offset projects** 

Achive carbon neutrality by 2026 through progressive offsetting of emissions

#### **PROGRAM**

2

# SUSTAINABLE AVIATION

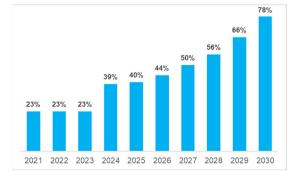


EMISSION REDUCTION IMPACT ~ 171.000 Tn CO<sub>2</sub>eq

CO,

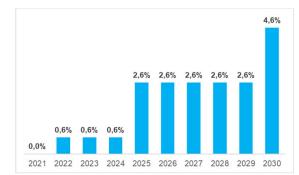
#### **STRATEGIC OBJECTIVES**

## % SUSTAINABLE HANDLING FLEET (ELECTRIC EQUIPMENT + SUSTAINABLE FUELS)\*



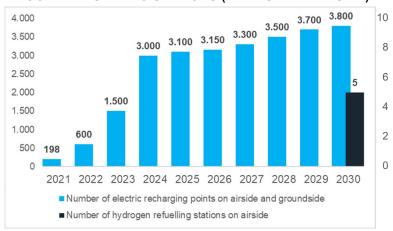
\*Objectives conditioned to the resolution of the consultation process, prior to the tender for the selection of providers of the ramp service to third parties

#### % OF SAF DISTRIBUTED IN THE AIRPORT NETWORK\*\*



\*\*Objectives conditioned on the entry into force of European or national regulations regarding the establishment of production / use percentages

## NUMBER OF ELECTRIC RECHARGING POINTS AND HYDROGEN REFUELLING STATIONS (LAND SIDE + AIR SIDE)





Página 18



#### CLEAN AIRCRAFT PROPULSION

Proactively participate in the development of new sustainable aviation fuels and its integration with the aviation sector

SCOPE

PROMOTING THE

**USE OF SAF** 

#### **ACTIONS**

Participation in SAF production projects to promote their use by airlines

Facilitate the distribution of SAF in airports

Creation of an incentive system for airlines to encourage sustainable fuel consumption

SPECIFIC OBJECTIVES

SAF consumed at Aena's airports: **2,6 %** by **2026** and **4,6 %** by **2030**\*

SUSTAINABLE AIRCRAFT

Definition of a ranking program for airlines related to the use of sustainable aviation fleet in 2024

Definition of the program, in coordination with airlines in 2024

POSITIONING FOR HYDROGEN

Define Aena's position in hydrogen

Defining the hydrogen strategy by 2026

<sup>\*</sup>Objective conditioned on the entry into force of European or national regulations regarding the establishment of production / use percentages



# EFFICIENCY IN AERONAUTICAL OPERATIONS

Collaborate closely with ENAIRE, airlines and ground handlers to reduce the emissions generated in airport operations

SCOPE

EFFICIENCY OF GROUND HANDLING OPERATIONS

LTO CYCLE EFFICIENCY

FLIGHT EFFICIENCY **ACTIONS** 

Network airport pooling pilot project

Implementation of telemetry to improve fuel consumption efficiency

Implementation of A-CDM and advanced towers to improve taxi efficiency

Collaboration with ENAIRE to optimize aeronautical operations (eg. route, approach) and definition of joint objectives

Creation of working groups for the development of joint initiatives and objectives with ENAIRE

**SPECIFIC OBJECTIVES** 

Implementation of a pilot project by **2022** 

Implementation in 7 airports of the network by 2026

**5** airports with A-CDM by **2021-2026 12** airports with advanced towers by **2021-2026** 

In the 5 main Aena airports:Average additional time Taxi-out and ASMA average additional time lower than that of the 5 major European airports in the period 2021-2025

Holding quarterly meetings

6

SUSTAINABLE GROUND HANDLING FLEET

Reach 78% of sustainable ground handling vehicles by 2030\*

SCOPE

#### **ACTIONS**

#### **SPECIFIC OBJECTIVES**

VEHICLE ELECTRIFICATION

Ground Handling vehicle electrification requirements

Implementation of electric charging points to supply new electric vehicles

Installation of **250 charging points** on the air side in **2026** and **900 points** in **2030** 

USE OF SUSTAINABLE FUELS Requirements for the use of sustainable fuels in Ground Handling vehicles

Implementation of hydrogen powered vehicles in 2030

Implementation of hydrogen stations to supply new vehicles (electric and alternative fuels)

Instalation of **Hydrogen refuelling stations** in the 5 main spanish airports by **2030** 

<sup>\*</sup>Objective conditioned to the resolution of the consultation process, prior to the tender for the selection of providers of the ramp service to third parties

# STRATEGIC PROGRAM: COMMUNITY AND SUSTAINABLE VALUE CHAIN

#### **PROGRAM**

3

COMMUNITY
AND
SUSTAINABLE
VALUE CHAIN

#### **STRATEGIC OBJECTIVES**

Environment sustainability improvement by collaborating with suppliers, tenants, transport agents and the community through:

✓ Promotion of sustainable mobility to and from the airport



✓ Proactive collaboration with the supply chain and community to drive sustainability



EMISSION
REDUCTION IMPACT
~ 17.000 Tn CO<sub>2</sub>eq

# STRATEGIC PROGRAM: COMMUNITY AND SUSTAINABLE VALUE CHAIN



SUSTAINABLE

**MOBILITY** 

Promote sustainable mobility to and from the airport

SCOPE

**PUBLIC** 

**TRANSPORT** 

**PROMOTION** 

**SUSTAINABLE** 

**TRANSPORTATION** 

**PRIVATE** 

**ACTIONS** 

Collaboration with 3<sup>rd</sup> parties to define sustainable initiatives (eg. group of mobility agents)

Investment in charging points to promote sustainable transport to / from the airport

Establishment of sustainability requirements for Rent a Car / VTC / Car Sharing

Promotion of sustainable mobility through pricing in car parks (parking concept as a sustainable mobility hub)

Electrification of shuttles used between terminals at Madrid and Barcelona airports

**Employee travel emissions offsetting** 

**SPECIFIC OBJECTIVES** 

Installation of 1 charging point for every 40 parking places in 2026

Inclusion of requirements in new contracts (VTC and Car Sharing **2022**, Rent a car **2023**)

Development of pricing scheme in 2021

100% Electric shuttle fleet in MAD + BCN in 2026

Offsetting of **100**% of emissions generated by Aena's employees travels through sustainable projects verified as of **2024** 

SUSTAINABLE LOGISTICS

Creation of a forum for collaboration with airport logistics operators

Launch of the collaboration forum in **2022** 

# STRATEGIC PROGRAM: COMMUNITY AND SUSTAINABLE VALUE CHAIN



**COOPERATION AND CLIMATE AWARENESS** 

**Proactive** collaboration with the supply chain and the community to promote sustainability

SCOPE

**AGREEMENTS** 

**UNIVERSITIES** 

**CLIMATE CHANGE** 

**AWARENESS** 

WITH

#### **ACTIONS**

Collaboration agreements through transparent selection procedures with universities and technology centers or other entities to accelerate the sustainable transformation of the sector

**Definition of awareness mechanisms** 

Creation of a plan of awareness-raising actions coordinated by a transversal internal working group

Establishment of selection criteria and requirements, as well as their monitoring and penalties, in the field of sustainability for Aena

suppliers and tenants

SUSTAINABLE **SUPPLY CHAIN**  **SPECIFIC OBJECTIVES** 

Provision of a fund for the promotion of agreements with universities until 2026

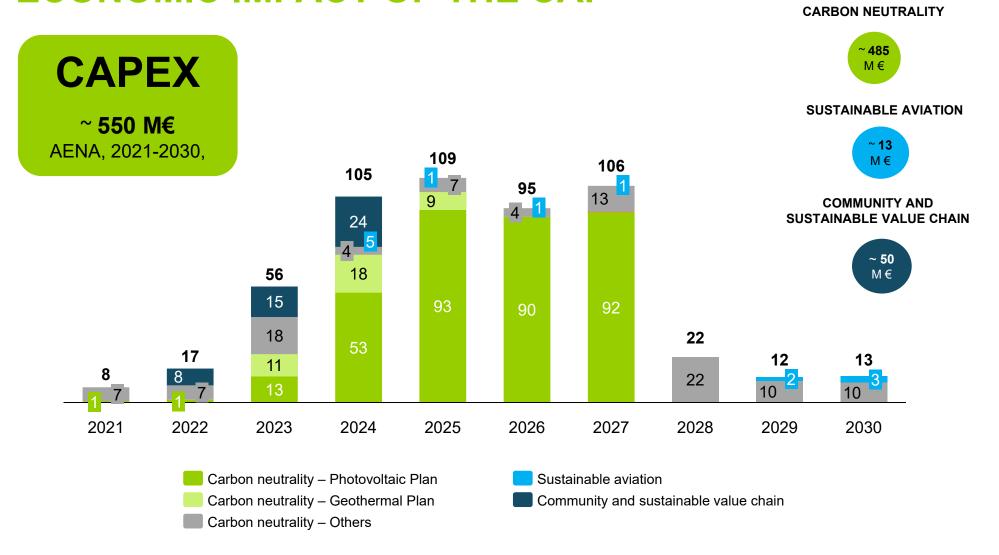
Development of 1 awareness campaign each year

Definition and implementation of quantified sustainability requirements for 100% of the contracts from the 2022



# INVESTMENTS ASSOCIATED WITH THE CLIMATE ACTION PLAN

# **ECONOMIC IMPACT OF THE CAP**





# CARBON NEUTRALITY PROGRAMS

## **CARBON NEUTRAL PROGRAMS**

## CARBON NEUTRAL PROGRAM 2026

- Approximate 82% reduction in CO<sub>2</sub> emissions from entire Aena network (scope 1+2), thanks to the implementation of the actions included in the Program of Carbon Neutrality by 2026
- The rest of the emissions that cannot be reduced in 2026 will be offset through projects that meet the methodological and quality criteria established in the accreditation framework, such as the Airport Carbon Accreditation program, for example the Clean Development Mechanism, Climate Action Reserve, American Carbon Registry, Gold Standard and Verified Carbon Standard.
- Aena will invest in reforestation projects, renewable energy, energy efficiency and other non-polluting technologies. Additionally, it will be sought that the typologies of selected compensation projects add value beyond reducing emissions such as access to drinking water and improving the health and livelihoods of communities, job creation and protection. of threatened species.
- Emissions offset will be carried out progressively from 2023

#### **CARBON NEUTRAL**



7 airports with ACA level 3+ (NEUTRAL)



#### **NET ZERO 2040**

- During the 29th Annual Congress and General Assembly of ACI Europe, in 2019, the main European airport operators pledged to achieve the goal of zero carbon emissions by 2050 and to work together to accelerate the decarbonisation of the aviation sector.
- This Net Zero commitment, acquired by Aena in 2019, has been reviewed within the framework of the CAP, and its achievement has been advanced to 2040, which will imply net zero of CO<sub>2</sub> emissions in the airport network.
- ➤ This milestone will be achieved by reducing its CO₂ emissions to the maximum and balancing the remaining part with the application of carbon absorption, capture and storage techniques consisting of the application of a set of techniques and technologies to remove CO₂ from the atmosphere or prevent it from being emitted.





# **MONITORING**

# MONITORING OF THE CLIMATE ACTION PLAN



QUARTERLY: monitoring of developed actions, as well as the progressive fulfillment of the specific objectives established by the Aena Sustainability and Climate Action Comittee who will report progress to the Board of Directors.



ANNUAL: report of the CAP indicators to the Board of Directors and the Shareholders' meeting on the progress in achieving the objectives of the Climate Action Plan.



# **ANNUAL MONITORING INDICATORS**

#### PROGRAM: CARBON NEUTRALITY

# RENEWABLE ENERGY

- √ % of self-consumed green electricity
- √ % of self-consumed green HVAC energy
- √ % of electricity purchase with guarantee of origin
- √ % of purchase of sustainable sustainable fuel for air conditioning

#### ENERGY EFFICIENCY

- ✓ Electricity consumption per passenger
- ✓ Air conditioning energy consumption per passenger

# SUSTAINABLE OWN FLEET

√ % of own sustainable vehicles

#### EMISSIONS OFFSET

√ % emissions offsett



# **ANNUAL MONITORING INDICATORS**

#### **PROGRAM: SUSTAINABLE AVIATION**

## CLEAN PROPULSION AIRCRAFT

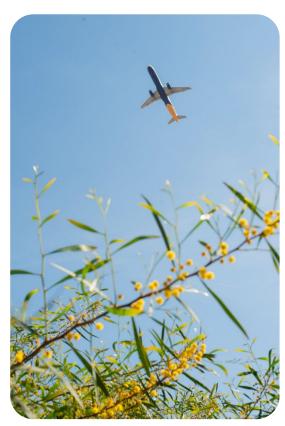
√ % of SAF consumed in the airport network

# EFFICIENCY IN AERONAUTICAL OPERATIONS

- ✓ Number of airports with telemetry system in Ground Handling equipment
- ✓ Number of airports with A-CDM
- Number of airports with Advanced Towers
- ✓ TAXI-OUT (Additional taxiing time at departures: min / departure)
  and ASMA (Additional time in approach: min / arrival) at 5 main
  Aena's airports

## SUSTAINABLE GROUND HANDLING FLEET

- √ % of sustainable ground handling vehicles
- ✓ Number of electric charging points on air side
- ✓ Number of hydrogen refueling stations



# **ANNUAL MONITORING INDICATORS**

#### PROGRAM: COMMUNITY AND SUSTAINABLE VALUE CHAIN

# SUSTAINABLE MOBILITY

- √ % of passengers using public transport
- ✓ Number of parking spaces per charging point
- ✓ % of sustainable vehicles in Rent a Car,VTC and Car Sharing
- √ % fleet of electric shuttles in MAD + BCN
- ✓ Total emissions offset of employees travels per year





aena Climate Action Plan 2021 – 2030 Towards Zero Emissions