



Press Kit

Air Traffic Management

ENAV is the company that manages civil air traffic control across the national territory, ensuring safety and punctuality for the millions of passengers flying in Italian skies.

With about 2.03 million flights controlled per year over an airspace of 732,800 km², and peak traffic during summer periods reaching more than 7,300 flights per day, ENAV provides air navigation services 24 hours a day across the entire Italian airspace and at 45 airports.

From ENAV's Control Towers, controllers manage take-offs, landings, and ground movements of aircraft, while the ACCs ensure navigation assistance for all aircraft en route, whether they are overflying the country or landing at an Italian airport.

Mission and Vision

Always ensuring safety and punctuality for the millions of passengers flying through Italian airspace. Contributing to the growth of national and European air transport with efficiency and innovation. Building, on the pillars of safety, a strategy increasingly customer-oriented, modernizing systems, creating value, and strengthening ENAV's presence in the international context.



Territorial Organizational Map



Sole National Operator

ENAV operates in a regulated sector and is the sole national operator for civil air traffic control. On July 26, 2016, ENAV was listed on the stock exchange, transitioning from a single-shareholder company to a publicly owned one. The Ministry of Economy and Finance holds 53.3% of ENAV. The company is supervised by the Ministry of Infrastructure and Transport.

Systems and Technologies

ENAV's Air Traffic Controllers monitor aircraft behavior and guide them using data from 61 primary and secondary radars and 14 surface radars: a complex technological infrastructure composed of systems and equipment distributed across the country, enabling airspace control in accordance with the highest standards of safety, effectiveness, and efficiency.

ENAV is also deeply involved in Research and Innovation, participating in numerous projects aimed at defining and validating new operational concepts, technologies, systems, and functionalities to continuously improve its performance in line with the increasingly stringent requirements of the European "Single European Sky" program.

Know-How and Skills

The cultural heritage and know-how gained by ENAV personnel are a distinctive and highly relevant asset.

Over 50% of the Group's 4,500 employees are highly qualified and specialized in the activities that form the core business of service provision.

Other High Value-Added Operational Activities

In addition to air traffic services—the company's core business—ENAV also performs:

- Airspace design
- Provision of aeronautical information services
- Production of meteorological services

- In-flight inspection of civil and military radio aids
- Aeronautical training
- Development of engineering solutions
- Maintenance of control systems and technologies
- Consulting services for third markets

ENAV provides its services to 100 customers worldwide.



European Top Performer

ENAV is a recognized brand at European and global level for the high quality of services provided in terms of punctuality and safety. The company records **only 0.014 minutes of delay for en-route services, compared to the regulator's target of 0.14 minutes**. These results make ENAV a best performer among European service providers.

Tariffs

Tariffs, established by European regulation requiring appropriate five-year Performance Plans, are based on two forecast parameters (cost forecasts and traffic forecasts), which allow the regulatory system to be maintained thanks to this framework.

If traffic remains within -2% to $+2\%$

compared to forecasts, all profit/loss is borne by ENAV.

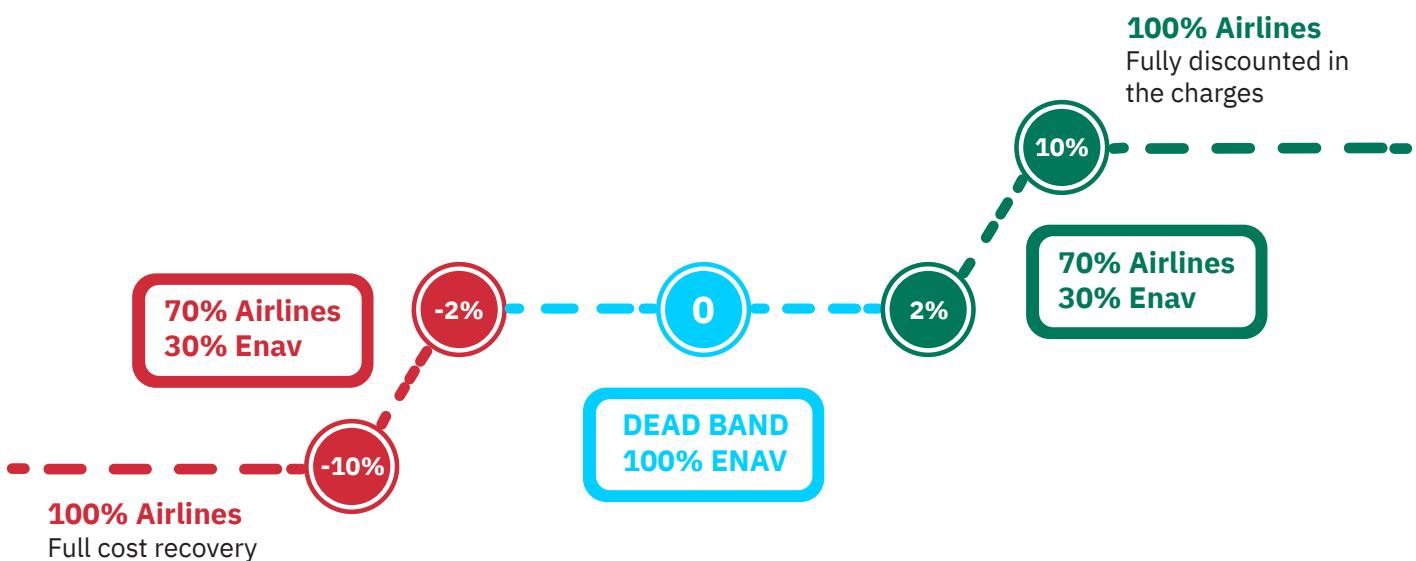
If traffic exceeds $\pm 2\%$ but does not surpass $\pm 10\%$,

30% of profit/loss is borne by ENAV and 70% by airlines. Profits and losses are therefore contained.

Any share of profit/loss above $\pm 10\%$

whether above or below forecasts—is entirely borne by airlines.

At the end of each year, any deviations from traffic forecasts are adjusted through mechanisms applied to the tariffs of subsequent years.



Sustainability

For ENAV, sustainability is a priority achieved through the company's technological innovation and industrial digitalization.

In December 2016, ENAV introduced the Free Route, a procedure that allows all aircraft flying above 9,000 meters to cross Italian airspace on a direct trajectory, without reference to the route network.

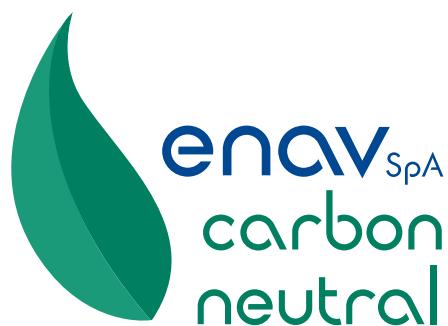
From 2017 to 2023, 84 million km were saved, equivalent to 330 million kg of fuel, resulting in a reduction of over 1 billion kg of CO₂ emissions.

Starting March 21, 2024, ENAV lowered the Free Route minimum altitude to 6,500 meters, benefiting domestic and medium-range flights. In 2024 alone, the resulting optimization reduced fuel consumption by 94 million kg, corresponding to 297 million kg of CO₂.

In addition to Free Route, ENAV implemented AMAN (Arrival Manager), a system that helps Air Traffic Controllers reduce aircraft arrival spacing during heavy traffic. At an airport like Rome Fiumicino, this system generates annual fuel savings of 366,000 kg, equivalent to over 1 million kg of CO₂.

Since 2014, to optimize ground traffic and avoid long taxiing delays, ENAV activated A-CDM (Airport Collaborative Decision Making), a tool allowing all flight phases to be treated as a single process, with real-time information exchange between service providers, airport operators, and airlines. This optimizes all airport operations and helps reduce time spent taxiing with engines on. Every minute of taxi time saved reduces fuel burn by 20 kg.

Finally, through the reduction of direct and indirect emissions, ENAV has been a Carbon Neutral company since 2022.



Shareholdings



ENAV owns 100% of Techno Sky, the logistics and maintenance company ensuring full operational efficiency and continuous availability of systems, equipment, and software used for air traffic control in Italy.



IDS AirNav is the ENAV Group company that provides air traffic management and airport systems, services, and software supporting the transition from Aeronautical Information Services (AIS) to Aeronautical Information Management (AIM), fully aligned with ICAO and EUROCONTROL Aeronautical Data Quality (ADQ) mandates.



D-Flight is the company created by ENAV to develop the U-Space platform for unmanned aerial vehicle (drone) services. The company is held 60% by ENAV and 40% by an industrial consortium led by Leonardo in partnership with Telespazio.



It is also the U.S.-based company created to manage the 11% shareholding in Aireon, responsible for designing, financing, and deploying the world's first real-time global satellite surveillance service for air traffic control.

This is the ENAV shareholding (16.6%) that provides the European satellite navigation service EGNOS.



ENAV S.p.A
Via Salaria 716
00138 - Roma
Press Office - tel. +39.06.8166.2833
ufficiostampa@enav.it