



 ENAV *S.p.A.*

PROFILE



TVR8 Frumento

WHO WE ARE





ENAV SpA is the Company to which the Italian State delegates the management and control of civilian air traffic in Italy. ENAV

Spa is entirely controlled by the Ministry of Economy and Finance and is supervised by the Ministry of Infrastructures and Transport. It is the result of the transformation which took place in 2000 of the National Agency for Flight Assistance into a joint-stock Company.

Legal headquarters of the organisational structure are located in Roma, with operating offices situated throughout the national territory.

MISSION





ENAV provides the service for air traffic control, not to mention other essential services for navigation in Italian skies and in national civil airports. ENAV carries out this delicate task by guaranteeing thousands of aircraft that fly across our skies daily the possibility to co-exist in maximum safety following harmonious traffic flows. Such services are guaranteed thanks to the commitment and the competence of the Company's staff. They are highly specialised professionals who allow the safe navigation of high volumes of traffic.

ENAV NUMBERS*



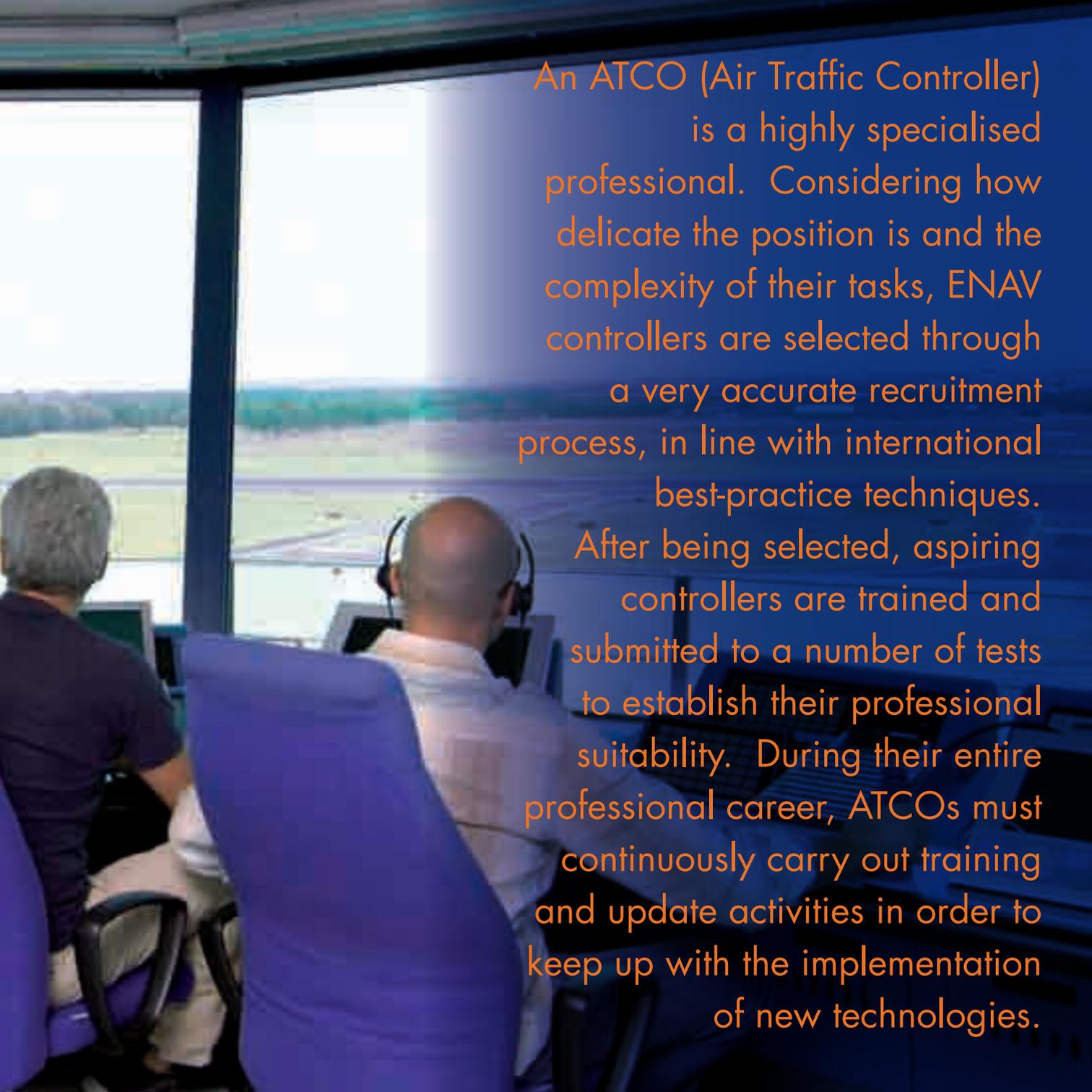


Expected Revenues for 2010:	784.94 million Euros
ATM tariffs from 2005 to 2010:	- 33% for Airport services - 1.3% for En-route services
Investments 2003-2010:	1,500 million Euros
Airports managed:	40
Area Control Centres (ACCs):	4
Airspace for which ENAV is responsible:	752,832 Sq Km
Flights managed in one year:	roughly 2 million
Peak of flights managed in one day in 2010:	6,064
Air/ground contacts per year:	31 million
Employees (two thirds of whom with operational tasks):	3,251
Hours of training imparted in 2010:	248,000

** Information update January 2011*

AIR TRAFFIC CONTROLLERS

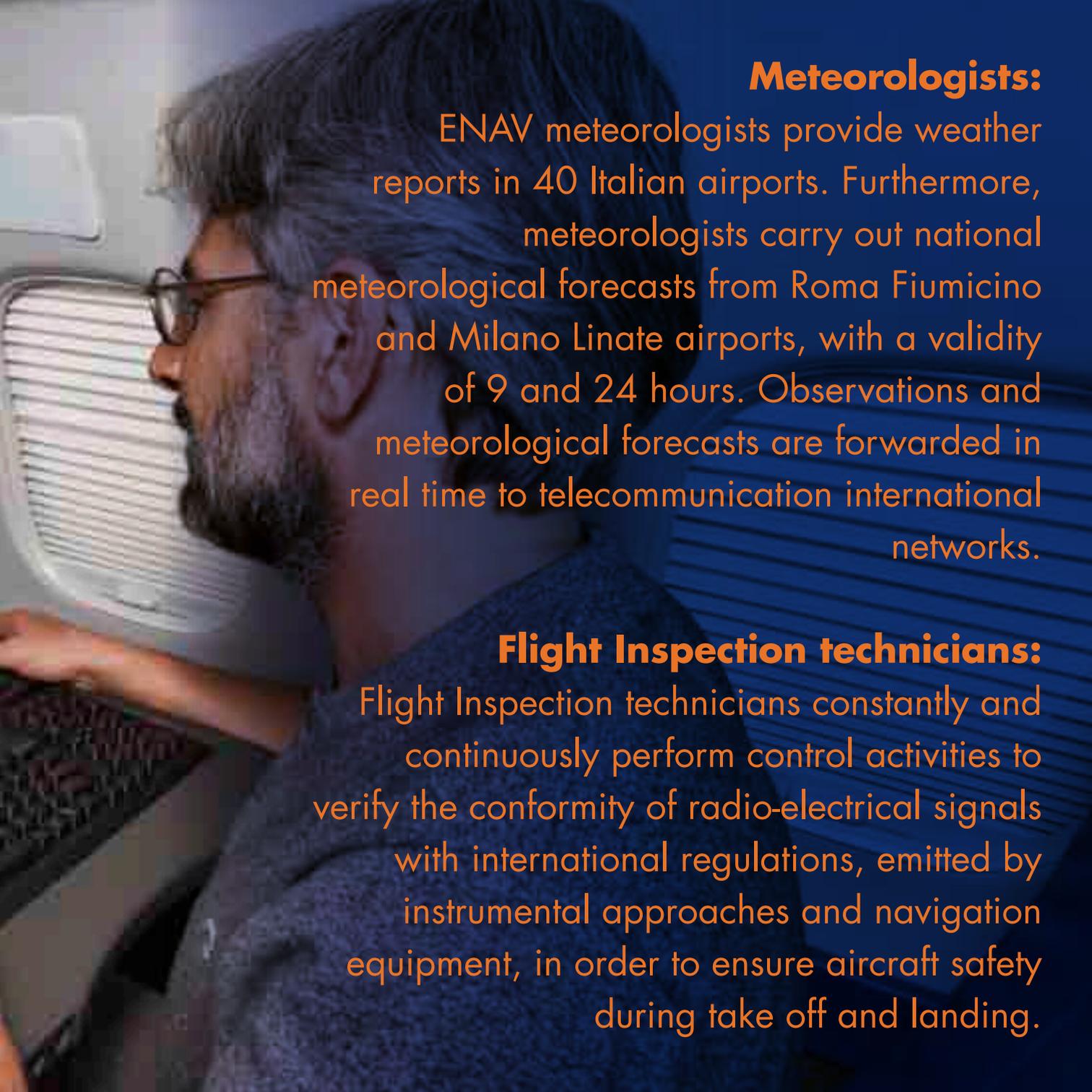


A photograph of two air traffic controllers in a control room. They are seated at a desk with multiple computer monitors. The controller in the foreground is wearing a white shirt and a headset, looking towards the screens. The controller in the background is wearing a dark shirt and is also looking at the screens. Large windows in the background show an airfield with a runway and taxiway under a clear sky. The text is overlaid on the right side of the image in a light blue color.

An ATCO (Air Traffic Controller) is a highly specialised professional. Considering how delicate the position is and the complexity of their tasks, ENAV controllers are selected through a very accurate recruitment process, in line with international best-practice techniques. After being selected, aspiring controllers are trained and submitted to a number of tests to establish their professional suitability. During their entire professional career, ATCOs must continuously carry out training and update activities in order to keep up with the implementation of new technologies.

OTHER TECHNICAL AND OPERATIONAL PROFESSIONALS



A man with a beard and glasses is shown in profile, looking out of an airplane window. The background is a dark blue gradient. The text is overlaid on the right side of the image.

Meteorologists:

ENAV meteorologists provide weather reports in 40 Italian airports. Furthermore, meteorologists carry out national meteorological forecasts from Roma Fiumicino and Milano Linate airports, with a validity of 9 and 24 hours. Observations and meteorological forecasts are forwarded in real time to telecommunication international networks.

Flight Inspection technicians:

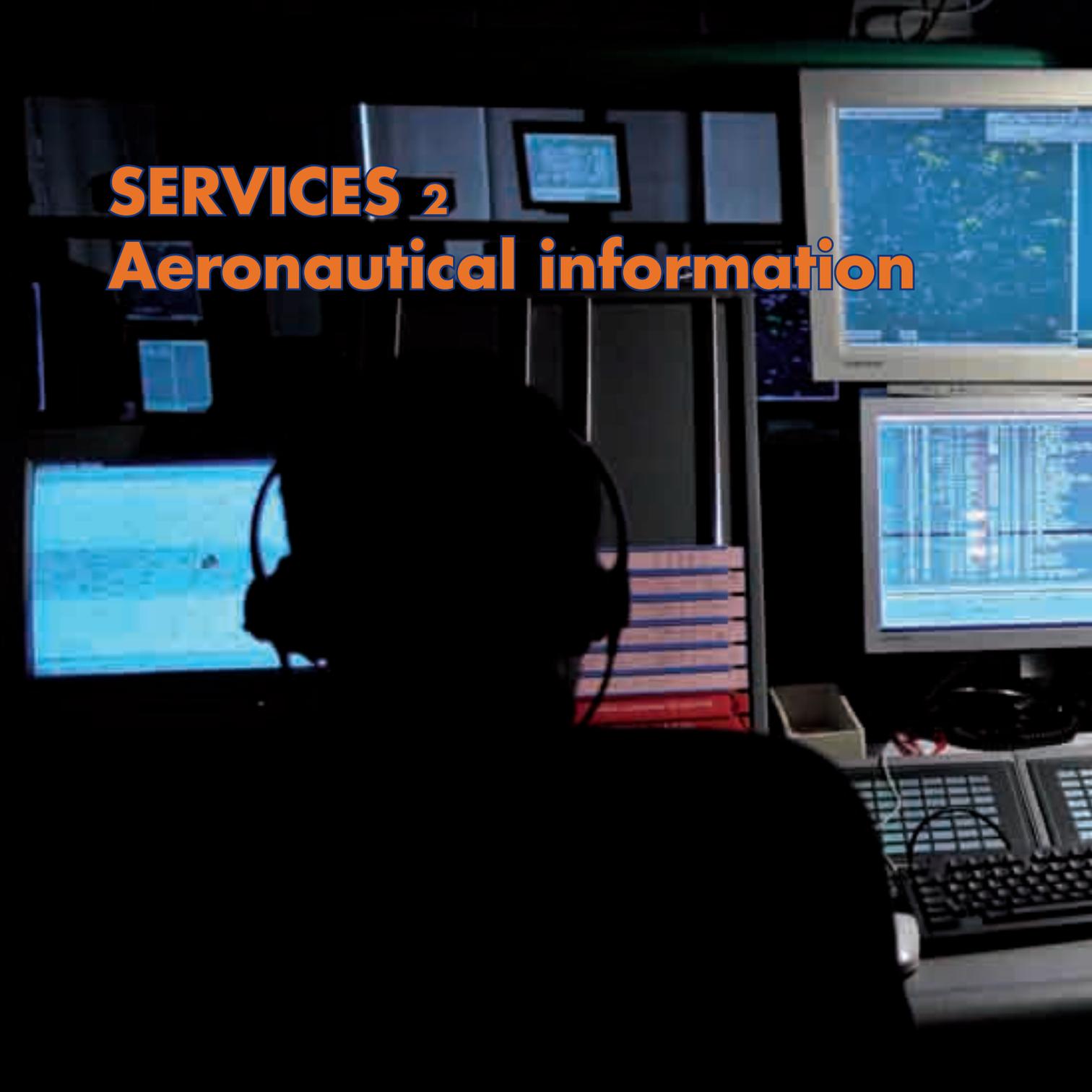
Flight Inspection technicians constantly and continuously perform control activities to verify the conformity of radio-electrical signals with international regulations, emitted by instrumental approaches and navigation equipment, in order to ensure aircraft safety during take off and landing.

SERVICES 1





ENAV's personnel provides air traffic control services and all other assistance services during take off, landing and approaches, operating from Control Towers located in 40 Italian airports. Each cruise phase is managed by ACCs (Area Control Centres) located in Brindisi, Milano, Padova and Roma, from which ATCOs (Air Traffic Controllers) handle the cruise phase, that is fly over Italian airspace. ENAV carries out these and many other navigation activities which are fundamental for air traffic safety 24 hours a day.

A person is seen from behind, wearing a headset, in a control room. They are looking at several computer monitors. The monitors display various data, including maps and tables. The room is dimly lit, with the primary light source being the screens.

SERVICES 2

Aeronautical information



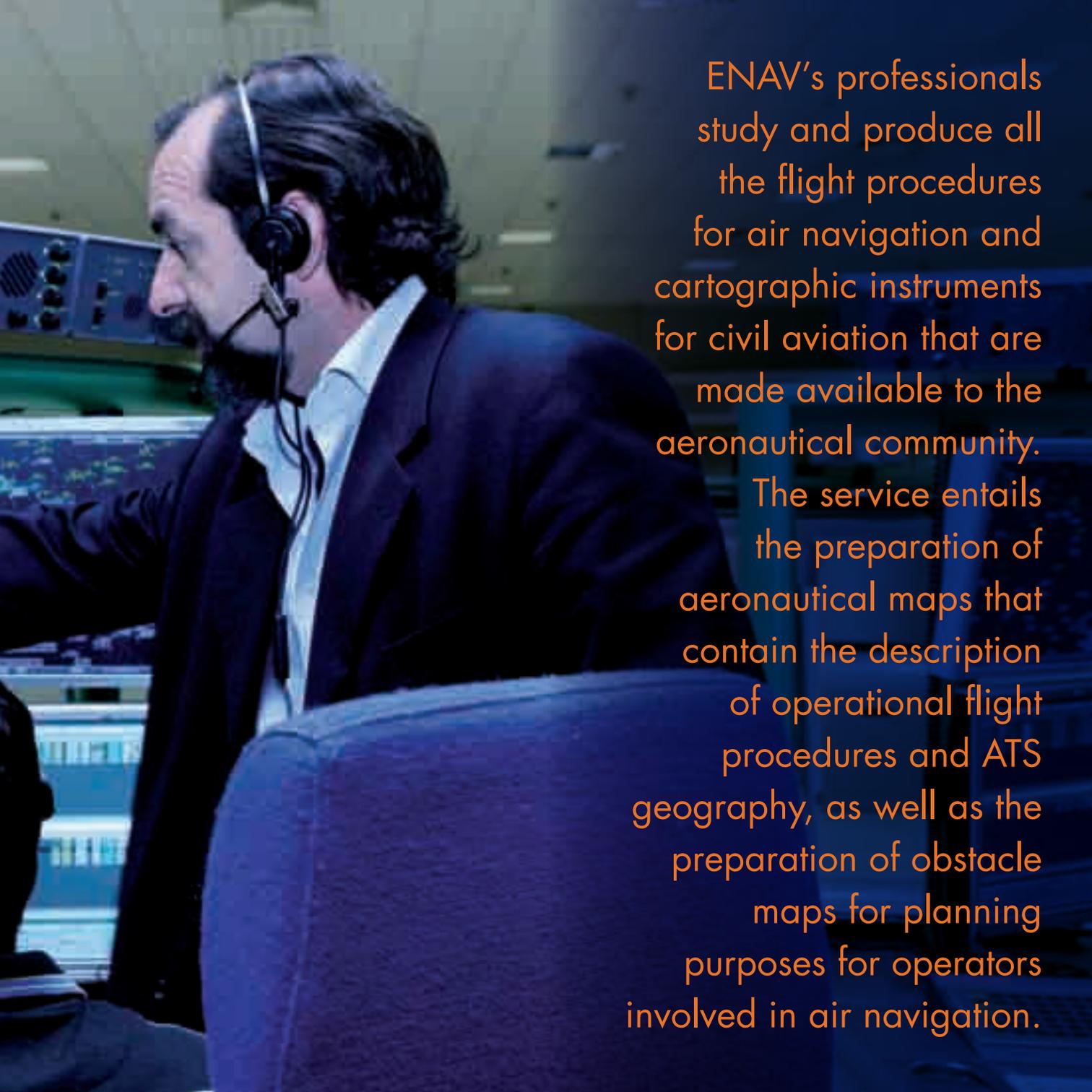
ENAV's AOIS (Aeronautical Operational Information System) receives, processes and distributes operational aeronautical information relating to flight notices (NOTAM, met information and Air Traffic Flow Management messages) through technological platforms and national and international on-line data integrated in the ATM (Air Traffic Management) system, distributed to internal and external users.

The aeronautical information provided by ENAV is consultable in the AIP Italia publication and on the website enav.it

SERVICES ₃

Flight procedures and aeronautical cartography





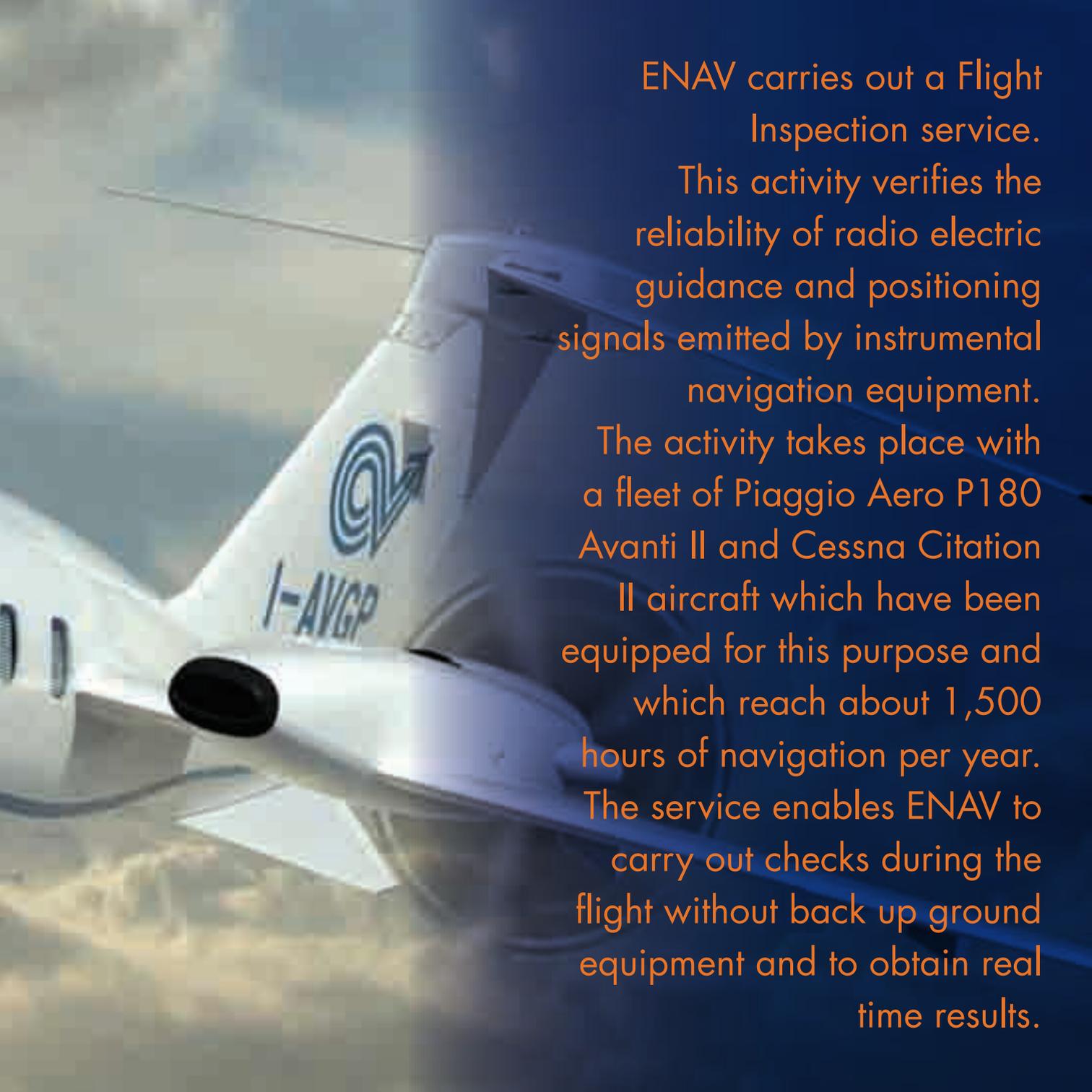
ENAV's professionals study and produce all the flight procedures for air navigation and cartographic instruments for civil aviation that are made available to the aeronautical community.

The service entails the preparation of aeronautical maps that contain the description of operational flight procedures and ATS geography, as well as the preparation of obstacle maps for planning purposes for operators involved in air navigation.

SERVICES 4

Flight inspection





ENAV carries out a Flight Inspection service.

This activity verifies the reliability of radio electric guidance and positioning signals emitted by instrumental navigation equipment.

The activity takes place with a fleet of Piaggio Aero P180 Avanti II and Cessna Citation II aircraft which have been equipped for this purpose and which reach about 1,500 hours of navigation per year. The service enables ENAV to carry out checks during the flight without back up ground equipment and to obtain real time results.

An aerial photograph of a mountainous region. A prominent river valley runs through the center, with a large reservoir or lake situated in the lower part of the valley. The terrain is rugged and forested, with various shades of green and brown. The text is overlaid on the upper left portion of the image.

SERVICES 5

Airport meteorological service

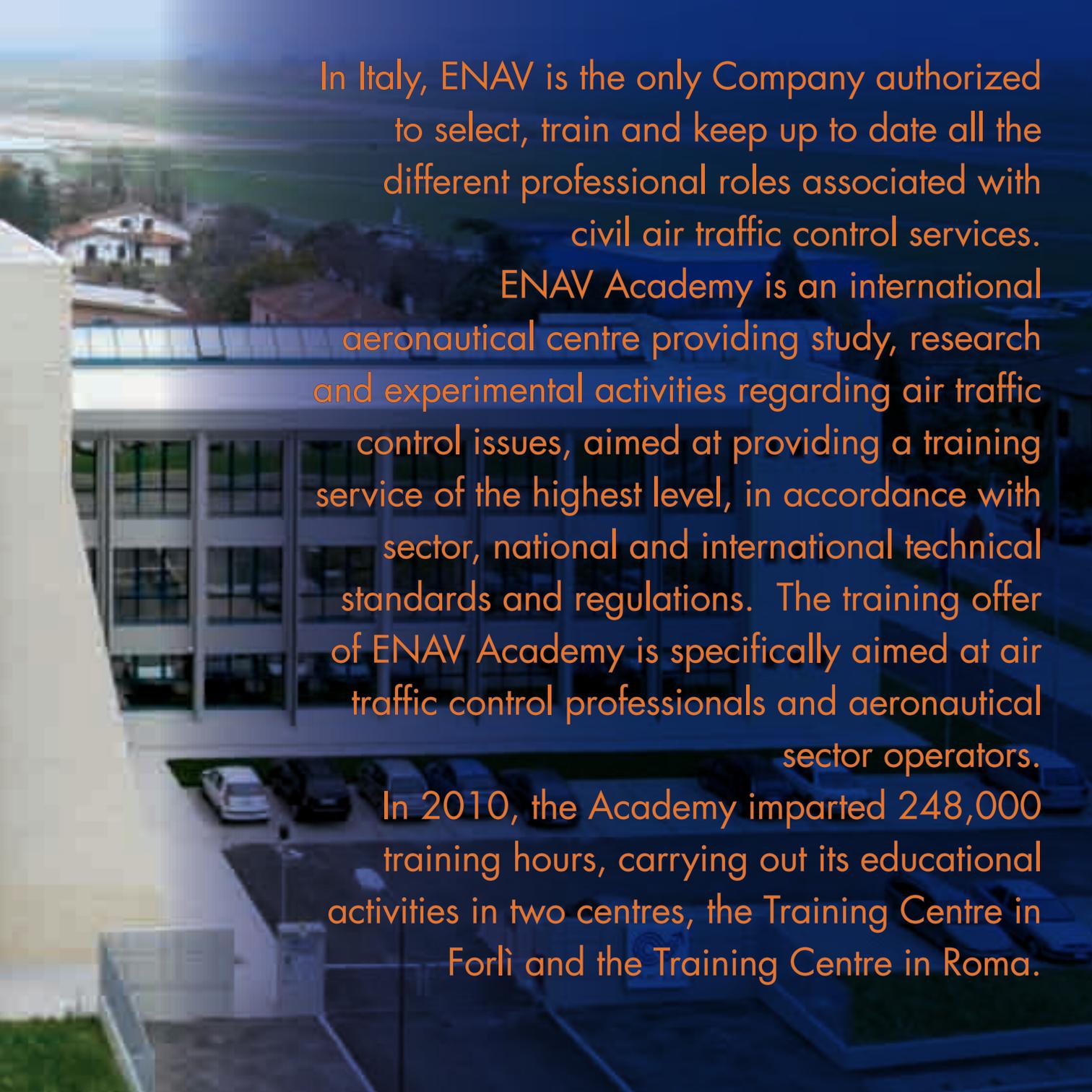
A satellite-style map of Italy is shown on the left side of the image, with a dark blue, textured background. The map highlights the geographical outline of Italy and its islands. The text on the right is in a light orange color.

ENAV met service produces about 3,000 observation and 500 forecast messages daily. Specialised units operate in Milano Linate and Roma Fiumicino providing the airport and courses with continuous met conditions updates.

ENAV systems are equipped with weather automatic data detection and diffusion sensors, necessary for safe take off and landing of aircraft.

ACADEMY 1





In Italy, ENAV is the only Company authorized to select, train and keep up to date all the different professional roles associated with civil air traffic control services.

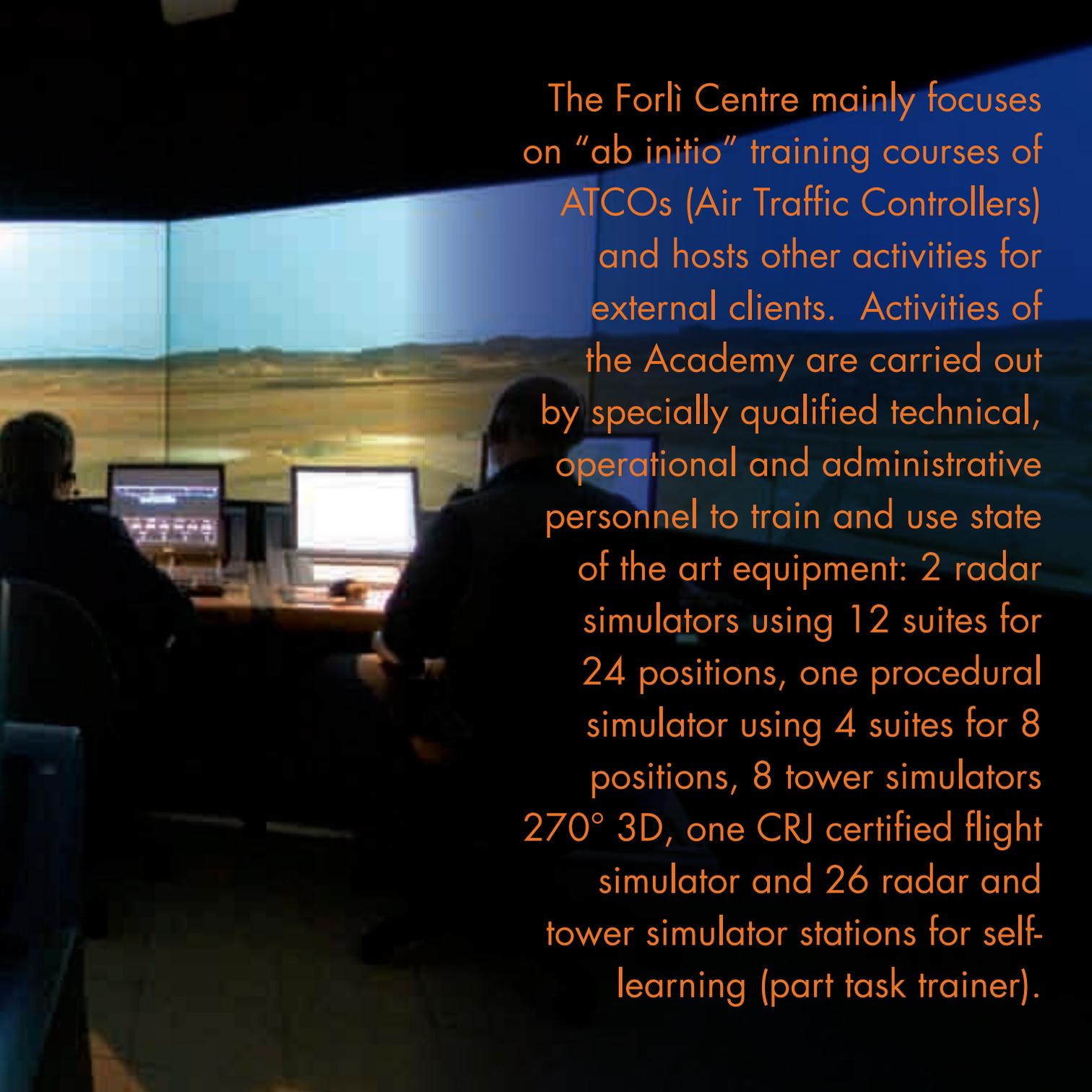
ENAV Academy is an international aeronautical centre providing study, research and experimental activities regarding air traffic control issues, aimed at providing a training service of the highest level, in accordance with sector, national and international technical standards and regulations. The training offer of ENAV Academy is specifically aimed at air traffic control professionals and aeronautical sector operators.

In 2010, the Academy imparted 248,000 training hours, carrying out its educational activities in two centres, the Training Centre in Forlì and the Training Centre in Roma.

ACADEMY 2

The Forlì Centre

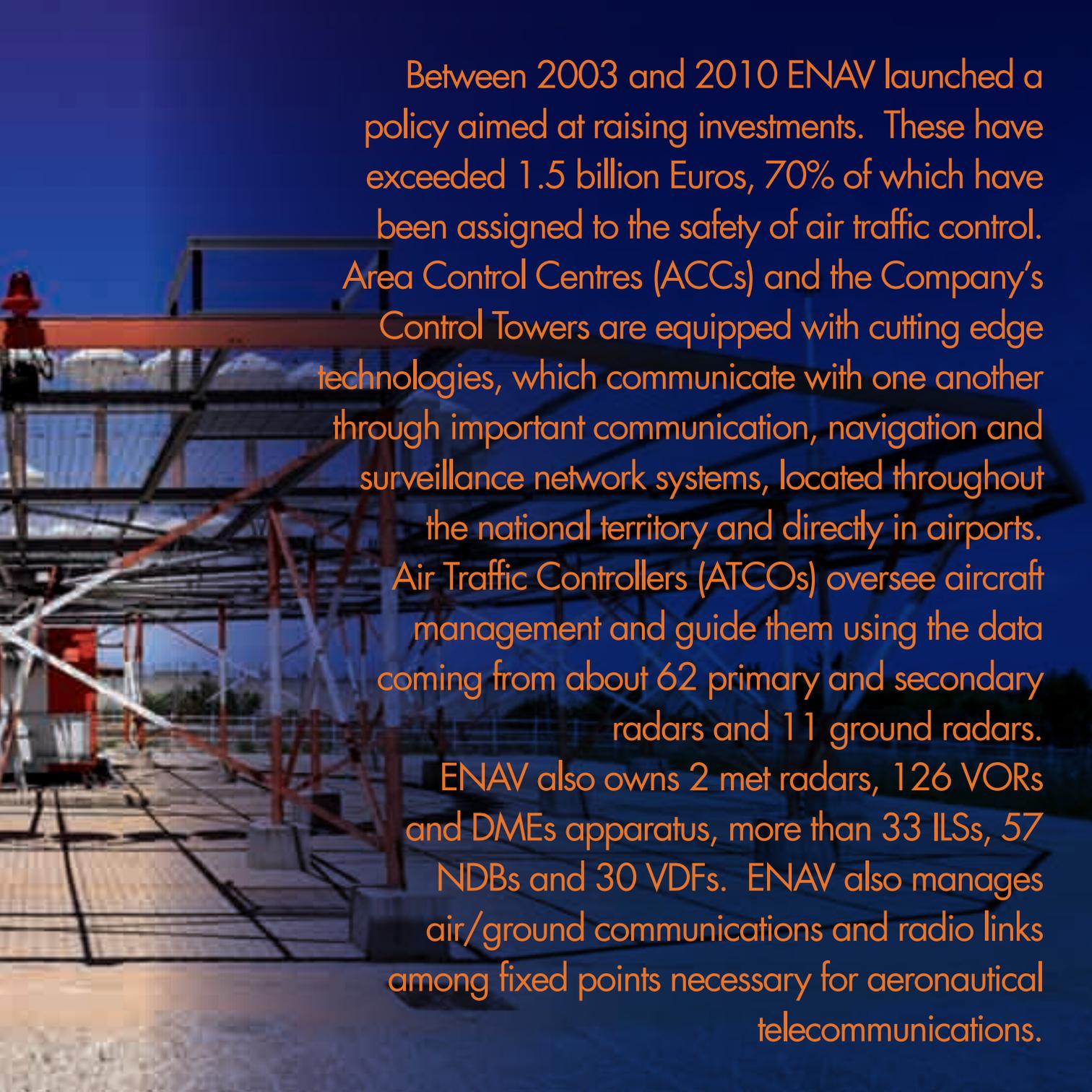




The Forlì Centre mainly focuses on “ab initio” training courses of ATCOs (Air Traffic Controllers) and hosts other activities for external clients. Activities of the Academy are carried out by specially qualified technical, operational and administrative personnel to train and use state of the art equipment: 2 radar simulators using 12 suites for 24 positions, one procedural simulator using 4 suites for 8 positions, 8 tower simulators 270° 3D, one CRJ certified flight simulator and 26 radar and tower simulator stations for self-learning (part task trainer).

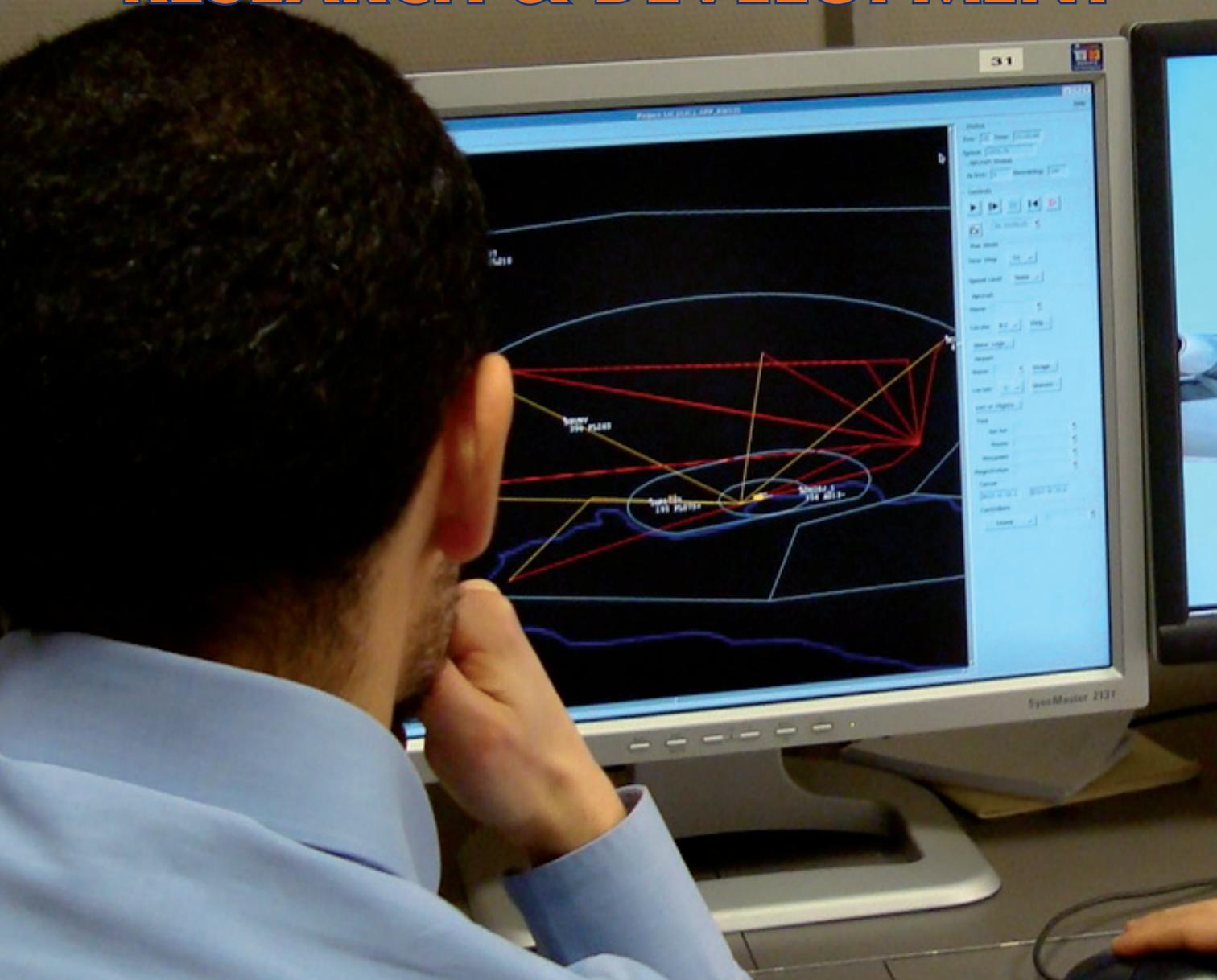
TECHNOLOGICAL EQUIPMENT AND APPARATUS

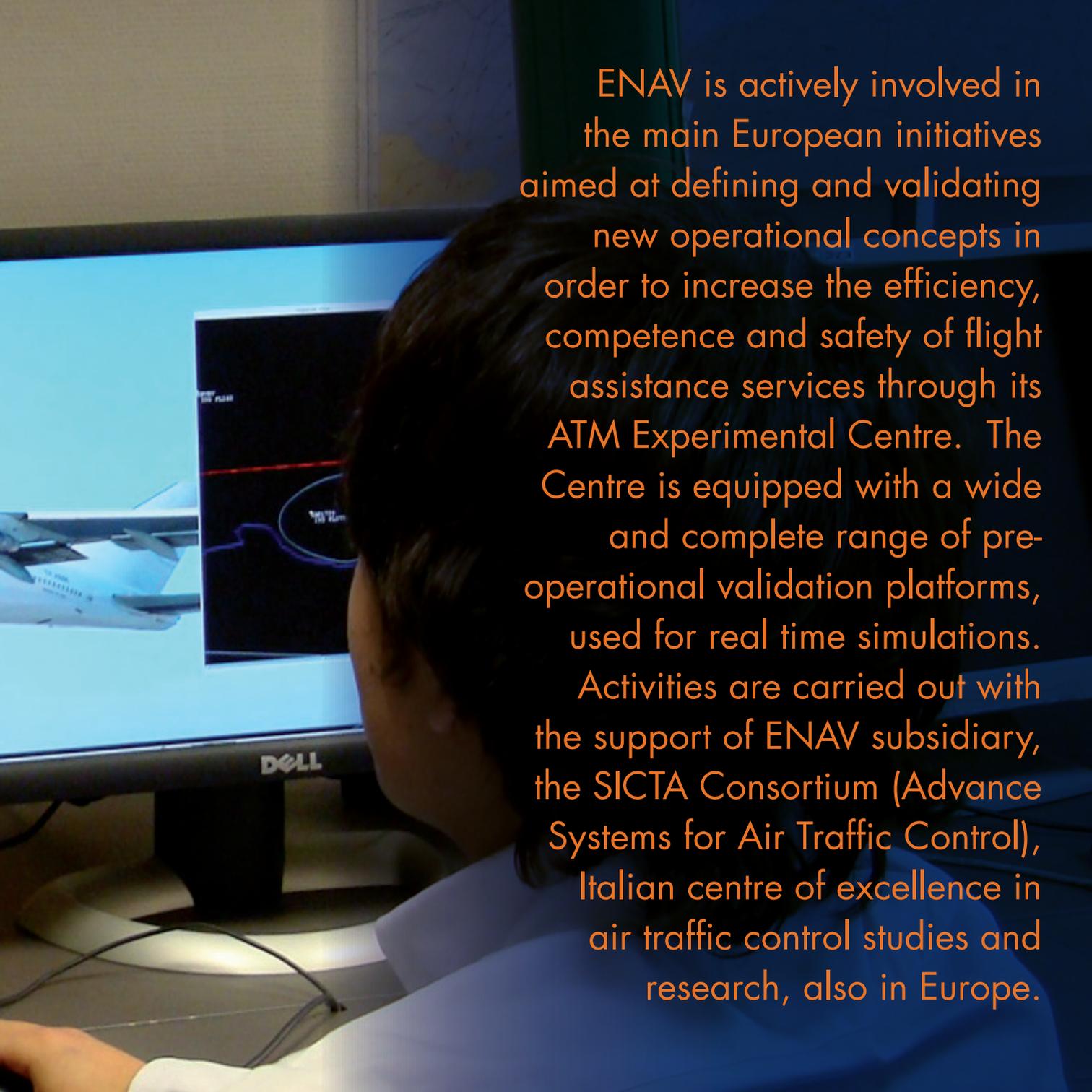




Between 2003 and 2010 ENAV launched a policy aimed at raising investments. These have exceeded 1.5 billion Euros, 70% of which have been assigned to the safety of air traffic control. Area Control Centres (ACCs) and the Company's Control Towers are equipped with cutting edge technologies, which communicate with one another through important communication, navigation and surveillance network systems, located throughout the national territory and directly in airports. Air Traffic Controllers (ATCOs) oversee aircraft management and guide them using the data coming from about 62 primary and secondary radars and 11 ground radars. ENAV also owns 2 met radars, 126 VORs and DMEs apparatus, more than 33 ILSs, 57 NDBs and 30 VDFs. ENAV also manages air/ground communications and radio links among fixed points necessary for aeronautical telecommunications.

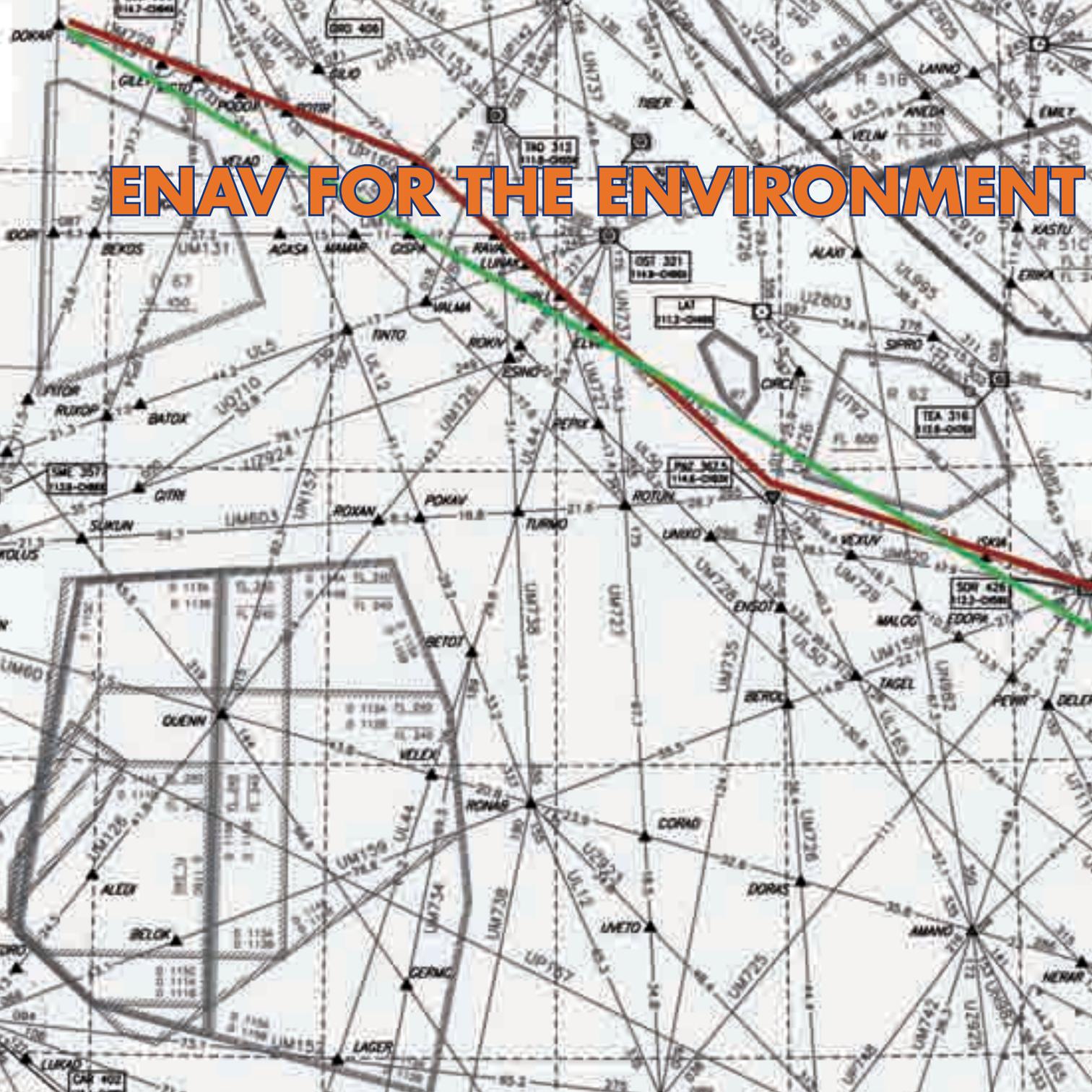
RESEARCH & DEVELOPMENT

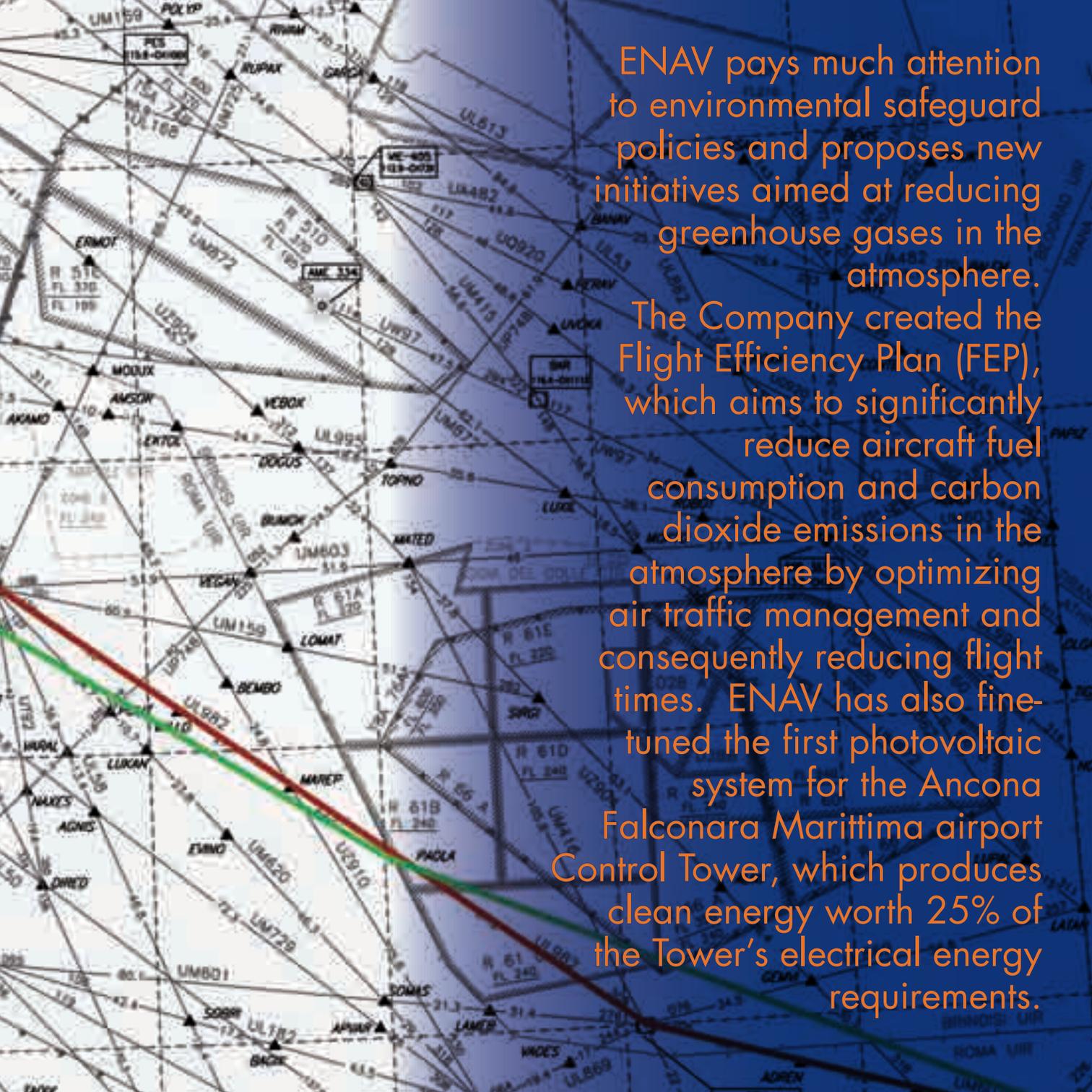




ENAV is actively involved in the main European initiatives aimed at defining and validating new operational concepts in order to increase the efficiency, competence and safety of flight assistance services through its ATM Experimental Centre. The Centre is equipped with a wide and complete range of pre-operational validation platforms, used for real time simulations. Activities are carried out with the support of ENAV subsidiary, the SICTA Consortium (Advance Systems for Air Traffic Control), Italian centre of excellence in air traffic control studies and research, also in Europe.

ENAV FOR THE ENVIRONMENT





ENAV pays much attention to environmental safeguard policies and proposes new initiatives aimed at reducing greenhouse gases in the atmosphere. The Company created the Flight Efficiency Plan (FEP), which aims to significantly reduce aircraft fuel consumption and carbon dioxide emissions in the atmosphere by optimizing air traffic management and consequently reducing flight times. ENAV has also fine-tuned the first photovoltaic system for the Ancona Falconara Marittima airport Control Tower, which produces clean energy worth 25% of the Tower's electrical energy requirements.

SESAE



INTERNATIONAL ACTIVITY

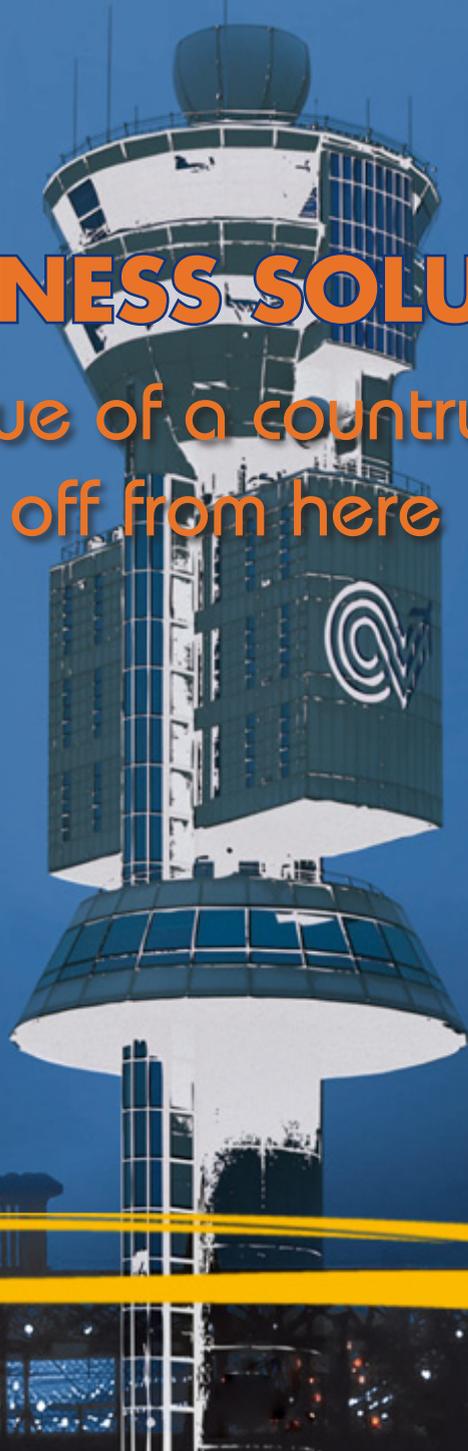


FOCAL POINT 1





Efforts carried out over the past years have enabled ENAV to reach a leadership position in Europe and internationally, contributing to the placement of Italy in the European air assistance system. More than 200 ENAV experts participate in various international programmes and projects focusing on the modernisation of the European ATM system. ENAV is actively involved in projects run by organisations such as the European Commission, EUROCONTROL, ICAO and CANSO.



ENAV BUSINESS SOLUTIONS 1

The value of a country
takes off from here



ENAV increases the reliability of the air transportation system and contributes to Italy's economic and social growth. ENAV's functional expertise and capabilities in all aspects of Air Traffic Management are organized to meet the challenges posed by the evolution of aeronautics.

ENAV Business Solutions project is the result of many years experience and achievements: it is a structure whose pillars are professionalism, experience and technology of a global offer of high value-added services.

The commercial offer is actually subdivided in the following types of services:

Design and Aeronautical Consulting

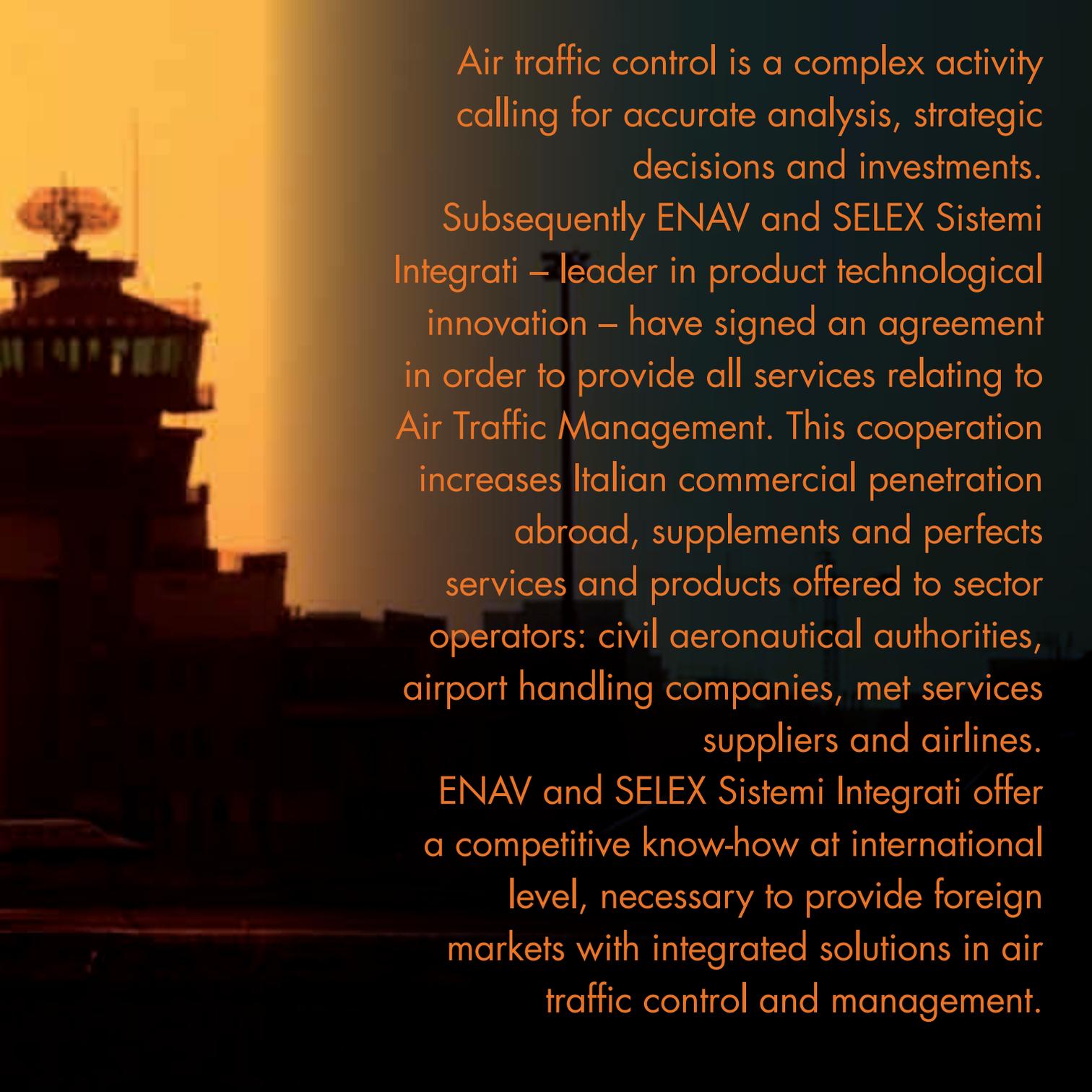
Flight Inspection

Training

Quality, Safety, Security and Certification

BUSINESS SOLUTIONS 2



A silhouette of an air traffic control tower is visible on the left side of the image, set against a bright, hazy sunset sky. The tower has a prominent radar dome on top. The overall scene is dimly lit, with the primary light source being the setting sun, which creates a warm, golden glow.

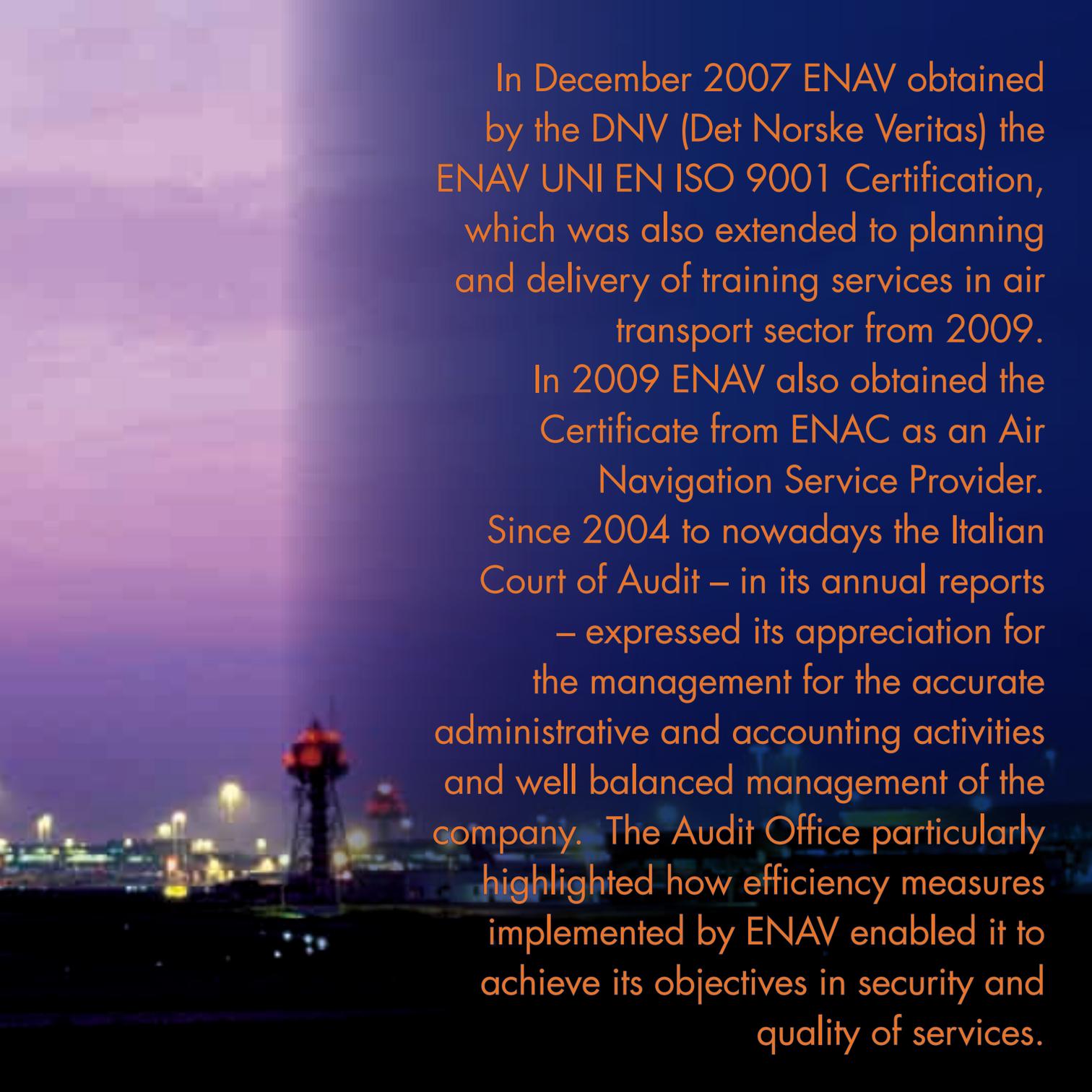
Air traffic control is a complex activity calling for accurate analysis, strategic decisions and investments.

Subsequently ENAV and SELEX Sistemi Integrati – leader in product technological innovation – have signed an agreement in order to provide all services relating to Air Traffic Management. This cooperation increases Italian commercial penetration abroad, supplements and perfects services and products offered to sector operators: civil aeronautical authorities, airport handling companies, met services suppliers and airlines.

ENAV and SELEX Sistemi Integrati offer a competitive know-how at international level, necessary to provide foreign markets with integrated solutions in air traffic control and management.

ACKNOWLEDGEMENTS





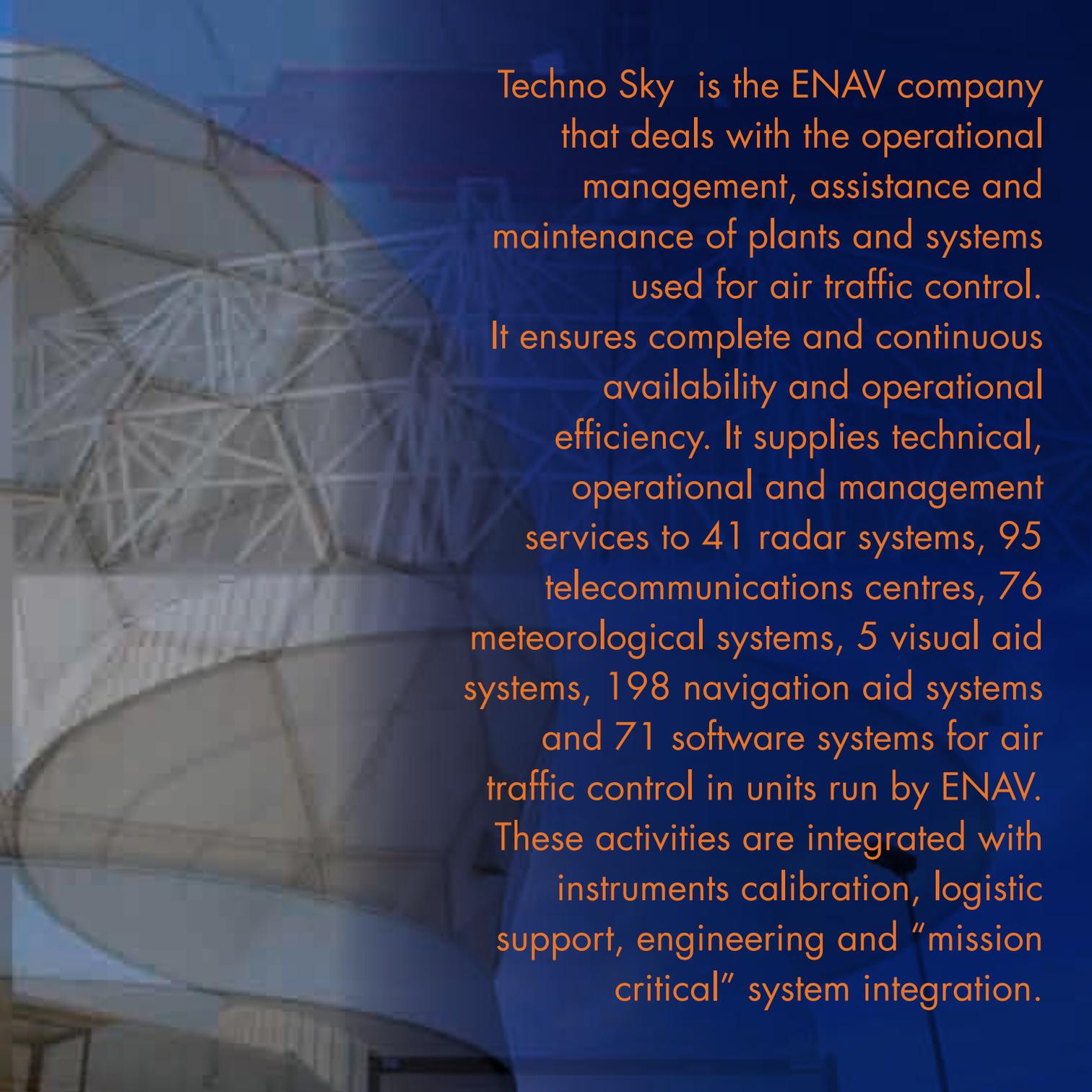
In December 2007 ENAV obtained by the DNV (Det Norske Veritas) the ENAV UNI EN ISO 9001 Certification, which was also extended to planning and delivery of training services in air transport sector from 2009.

In 2009 ENAV also obtained the Certificate from ENAC as an Air Navigation Service Provider.

Since 2004 to nowadays the Italian Court of Audit – in its annual reports – expressed its appreciation for the management for the accurate administrative and accounting activities and well balanced management of the company. The Audit Office particularly highlighted how efficiency measures implemented by ENAV enabled it to achieve its objectives in security and quality of services.

TECHNO SKY





Techno Sky is the ENAV company that deals with the operational management, assistance and maintenance of plants and systems used for air traffic control. It ensures complete and continuous availability and operational efficiency. It supplies technical, operational and management services to 41 radar systems, 95 telecommunications centres, 76 meteorological systems, 5 visual aid systems, 198 navigation aid systems and 71 software systems for air traffic control in units run by ENAV. These activities are integrated with instruments calibration, logistic support, engineering and "mission critical" system integration.

Special thanks to: Administrative Department, Operations Department, Technical Department and the Units: Academy, Business Solutions, Human Resources, Workplace Safety & Quality, International Activities, Planning and Control and ENAV's subsidiary Techno Sky S.r.l.

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