

# **Investor Presentation**



# **ENAV Leading Air Traffic Control Service Provider**





Only Air Navigation Service Provider (ANSP) worldwide listed on a stock exchange and 4th largest ANSP in Europe 1

Sole provider of air traffic control and navigation services in Italy entrusted by national law without time limit

Supportive pan-European regulatory framework with traffic volume and inflation protection mechanism providing revenue stability

Diversified business mix with majority of revenue from en-route services and relevant revenue from terminal services

Strong and resilient cash flows with high cash conversion enabling attractive shareholder returns

**Upside from small but rapidly growing non-regulated business** 

Diversified customer base from different geographies

Carbon neutral Company, achieved by ENAV in 2022

# **ENAV** in a Nutshell

# encv group

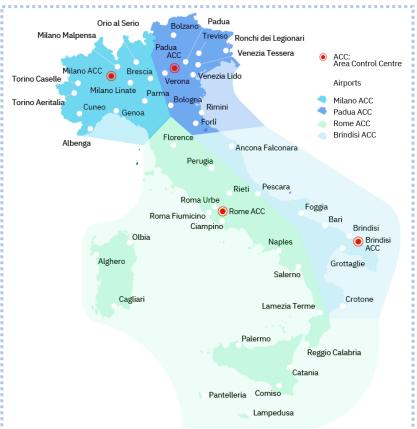
#### **ENAV Group Structure**



## **Proprietary Infrastructure**

Controlled air space	751,742 Km <sup>2</sup>
of which Italian land territory	302,071 Km <sup>2</sup>
Airports	45
Area Control Centres	4
Primary and secondary radars	59
Surface radars	10
VOR and DME systems	143
Meteorological radars	2
ILS	48
Multilateration systems	3
High altitude remote radio centres	31

## **Italian Airspace Managed**



# 2022 Group's Highlights





Flight handled **1,875,685** 

One day peak **6,867** 



Total Revenue

€944.3m

+12.9% vs. FY 2021



**EBITDA** 

€272.2m

+22.4% vs. FY 2021

EBITDA margin **28.8%** 



**Net Result** 

€104.5m

+33.9% vs. FY 2021



**CAPEX** 

€97.8m

+14.2% vs. FY 2021



Net Financial Debt

€407.8m

vs. €483.5m in FY 2021 Net Debt/FY 2022 EBITDA

1.5x



Scope 1 and Scope 2 CO<sub>2</sub> emissions

-74.5%

vs. FY 2021



Total classroom and e-learning training

185,235 hours

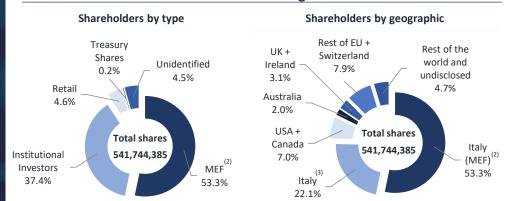
<sup>1.</sup> Regulated revenue represent 96% of total revenue and non-regulated revenue 4%.

Net Financial Debt includes Trade Payable, as per Consob indication n. 5/21 issued in May 2021, of €74.4m in FY 2022 and €41.6m in FY 2021.

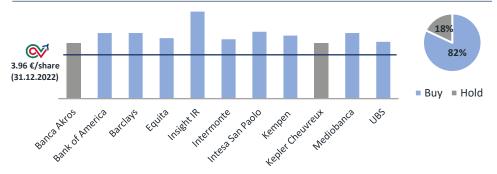
## **Governance & Shareholders' Structure**



## Shareholding<sup>(1)</sup>



## ENAV rating distribution as of December 31, 2022





Directors, including the Chairperson.

• 8 Non-Executives Independent Directors (5)

Alessandra Bruni

**Pasqualino Monti** 

Chief Executive Officer (4)

Chair of the Board of Directors (4)

Board of Directors (4)

44% women

**56%** men

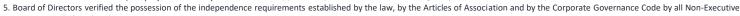


#### Tenure

> 3 years 78%

The Board of Directors has set up 3 Board Committees:

- Remuneration and Appointments Committee
- · Control, Risks and Related Parties Committee
- Sustainability Committee



<sup>2.</sup>Ministry of Economy and Finance

<sup>3.</sup> Institutional investors + retail / employees + treasury shares.

<sup>4.</sup> Appointed by the Shareholders' Meeting of April 28, 2023, for a three-year term.

# **Historical Shareholders Remuneration**

2013A

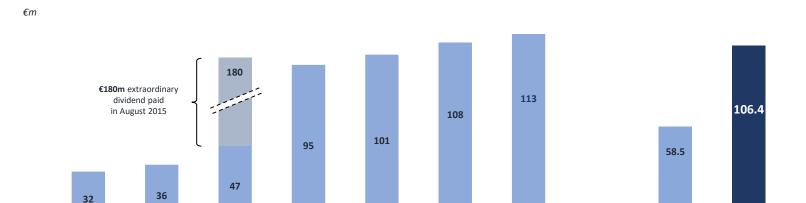
2014A

2015A

2016A



## **Historical Dividend Distribution**



• 2022 dividend: €106.4m to be distributed on the 25 October equivalent to 0.1967 euro per share

2018A

2019A

2020A

2021A

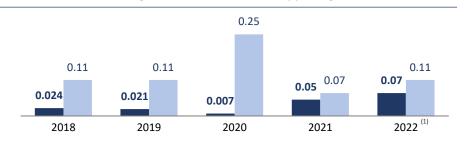
2022A

2017A

# **Top Performance Through the Years**

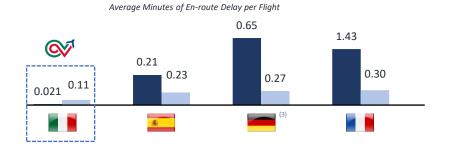


#### Average Minutes of En-route Delay per Flight



■ Actual average minutes of en-route ATFM delay per flight ■ Target minutes of en-route ATFM delay per flight

#### Performance Quality Leader (2019 last pre-pandemic year)



■Actual minutes of en-route ATFM delay per flight ■ Target minutes of en-route ATFM delay per flight

#### Source: ENAV based on third party data

- 1. Delay including only ATM reasons and under review for further potential decrease.
- 2. Performance target as per Performance Plan approved by EU Commission.
- Refers to DFS only.

Amongst Member States subject to EU Performance Scheme, **ENAV**:

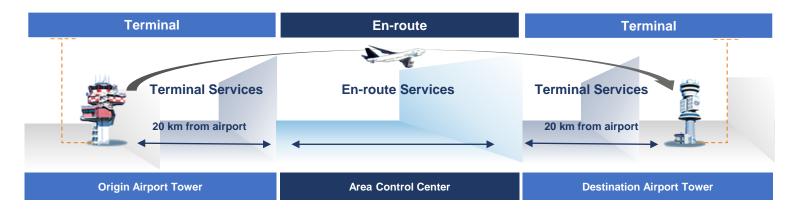
- is the 4<sup>th</sup> largest Air Navigation
   Service Provider
- provides top performance in terms of quality and safety of service
- entitled to receive performance bonus, reaching an average minutes of en-route delay per flight which is lower than the provided target<sup>2</sup>

# **Core Regulated Business**



#### **En-route and Terminal Services**

- ENAV's core business is to manage the regulated Air Traffic Control Services (ATCS), for which it is entrusted by law, 24 hours a-day, 365 days a-year:
  - En-route services (75% of total revenue<sup>1</sup>): handling of air traffic crossing Italian airspace, considering overflight, national and international flights, managed from 4 Area Control Centers located in Brindisi, Milan, Padua and Rome
  - Terminal services (25% of total revenue<sup>1</sup>): assistance during the phases of approach, takeoff and landing, both related to national and international flights, from 45 Control Towers located throughout Italy and divided into 3 charging zones
- ENAV generates regulated revenue by charging the users of its airspace (planes departing and arriving at Italian airports, as well as flights crossing the Italian airspace) a regulated tariff on the volume of airspace used<sup>2</sup>

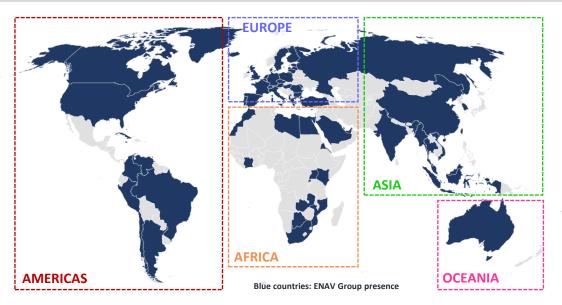


- 1. Based on 2022 total en-route and terminal revenues pre-balance including exemptions.
- 2. Traffic volume is expressed in service units, which are a function of distance travelled within the airspace and certified aircraft weight for en-route services [formula: (d/100)\*V(p/50), where d is the distance travelled and p is the certified weight] and of aircraft certified weight for terminal services [formula: (p/50) ^0.7, where p is the certified weight].

# Non-Regulated Business – Worldwide Presence



**ENAV Group** proactively seeks worldwide opportunities to develop innovative technologies for ATC



AFRICA: Botswana, Egypt, Ivory Coast, Eritrea, Kenya, Libya, Morocco, Mauritius, Mozambique, Ruanda, South Africa, Uganda, Zambia

AMERICAS: Argentina, Bahamas, Brazil, Canada, Chile, Colombia, Cuba, Curacao, Dominican Republic, Jamaica, Perú, Sint Maarten, Trinidad and Tobago, United States, Venezuela

ASIA: China, Dubai, Hong Kong (China), India, Indonesia, Israel, Malaysia, Maldive, Myanmar, Pakistan, Qatar, Russia<sup>1</sup>, Saudi Arabia, Singapore, South Korea, Taiwan, Thailand, United

Arab Emirates, Vietnam

EUROPE: Albania, Austria, Belgium, Bulgaria, Cyprus, Croatia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Kosovo, Latvia, Lithuania, Luxembourg, Moldova, Netherlands, Poland, Portugal, United Kingdom, Czech Republic, Romania, Spain, Sweden, Switzerland, Turkey

OCEANIA: Australia, Papua New Guinea

. Russia activities suspended as a consequence of the Russia/Ukraine conflict.

# Non-Regulated Business – IDS AirNav





**IDS AirNav** joined the Group in 2019 and represents the forefront for the promotion and sale in the non-regulated market of the services and technological solutions available **within the Group offers portfolio** 

- Price paid of €41m for 100% of Air Navigation Division of IDS, equivalent to an EV/EBITDA multiple of 5.5x based on the 2018 EBITDA of €8.9m
- About 150 employees of IDS's Air Navigation Division joined ENAV Group
- In 2020, ENAV bought also the activities of IDS Air Navigation Division carried out by IDS North America

IDS develops **software solutions for the management of the air traffic** and related commercial services, but provides also a wide range of **products, services and training programs**, for clients in Italy, Europe and extra-European countries, such as:



Applications for aeronautical information management



Integrated systems for instrument flight procedure design and ground validation



Design of airspace and the assessment of ground based and satellite navigation aids performance

# Non-Regulated Business – ENAV & Techno Sky



#### Leveraging on Strong Technical Capabilities to Provide Non-regulated Services to Third Parties



■ ENAV provides supporting services to other ANSPs on a commercial basis, forming an independent source of revenue which is not regulated

"The Academy"
Training

Airspace Design

R&D

Aeronautical Operational Information System

Aeronautical Information

Meteorological Services Flight Inspections

 ENAV leverages its significant experience and reputation for promoting development projects worldwide, pursuing further opportunities for growth



- Techno Sky is the Group company responsible for managing and maintaining the entire range of hardware/software platforms and systems used to deliver air navigation services
- The company handles the technical management of 4 Area Control Centers (ACC) at Brindisi, Milan, Padua and Rome, 45 airports, 44 radar systems, 121 telecommunications centers, 68 weather systems and 239 navigational aid systems
- Techno Sky controls the full value chain: research and development, system engineering, design, ATM software
  development, weather system development, installation, integration, training, logistics, maintenance, calibration of
  measurement instruments, spare part management and repair management

# Non-Regulated Business - Aireon & D-Flight





# Aireon is the first company that has developed a global satellite surveillance system for Air Traffic Control and ENAV is one of the shareholders

Using 75 satellites that make up the new Iridium Next constellation, Aireon LLC **provides an aviation surveillance system with global coverage** and is **certified by EASA** as an ATM/ANS Service Provider Organization Approval







- **D-Flight** is the Italian solution recognized today for the **registration of drones and for the provision of basic services** to support the flight UAVs (Unmanned Aerial Vehicles)
- **D-Flight** is pursuing the **development and provision of services for the management of low-altitude air traffic** of remotely piloted aircraft (APR) and all other types of aircraft falling within the category of UAVs and any related activities









# **Sustainability Performance in 2022**



ENAV'S PURPOSE: Every day we let passengers fly with reliability and safety. We design the sky of the future, investing on people and innovation for sustainable air transport and the economic growth of our Country



#### **PEOPLE**

- 99.9% of employees on full-time permanent contracts
- 7.77% turnover rate
- 185,235 hours of total classroom and e-learning training
- 126,277 hours of Group in-house operational training
- 140,510 hours of ongoing training and operating unit training (training on the job)



#### **PLANET & ESG RATING**

- 206 million kg of CO<sub>2</sub> emissions avoided on a yearly basis thanks to the Free Route Project
- 74.5% Scope 1 and Scope 2 CO<sub>2</sub> emission reduction in 2022 vs. 2021
- First solicited ESG Rating obtained: S&P score of 51 (out of 100) & CDP score "C category" (range from F to A)

# 2021-2024 Sustainability Plan and 2022 Achievements



The Sustainability Plan, based on 6 main Assets, defines a series of actions, based on the United Nations 17 Sustainable Development Goals (SDGs), on which the ENAV Group will be committed in the period and that pursue the full integration of ESG elements in all Group's activities

	ASSETS	2022 GOALS
Strategy and Governance	Enhance Regulatory and Management System to integrate ENAV's Sustainability Strategy	Supplier assessment: 75% of core suppliers assessed against ESG criteria
Policies	Adopt new several Policies to regulate specific ESG issues	New ISO 37001 maintenance target set for 2023
Technological Innovation	Achieve ENAV's strategic goals through technological innovation	APP¹ integrated in some airports and AMAN¹ implemented in Rome Fiumicino
Reporting and Communication	Strengthen the non-financial reporting process and the internal and external communication of ENAV's Sustainability Strategy	Internal communication plan enriched with the creation of a 'Sustainability Promotion' team
Corporate Culture	Disclose, within ENAV, an individual and corporate culture, oriented to Sustainability's principles	Project to enhance women presence within core professions $(ATC)^1$ launched
Climate Change	Fight climate change	Carbon neutrality achieved

# **Strategy to Reduce Emissions**





#### **Emissions Annual Trend**



The roadmap defined by ENAV to reduce emissions foreseen two main targets:

#### 1. 2022 - Carbon Neutrality

The achievement of Carbon Neutrality represents an important milestone. ENAV achieved a reduction of 74.5% in Scope 1 and Scope 2 emissions compared to the previous year and the offset of remaining emissions with carbon credits related to two environmental protection projects in India ("Renewable energy hydro India) and Mozambique ("Efficiency improved cookstoves")

#### 2. 2030 - Science Based Target initiative

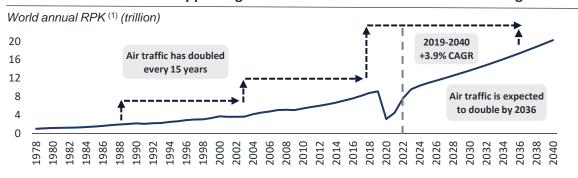
The strategy has been validated by the Science Based Target initiative, meaning that we are in line with the level of decarbonization necessary to contain the increase in global temperature below 1.5°C

# Operating in a Favorable Market Environment

# **Benefiting From Long Term Growth Trend of Global Aviation Market**

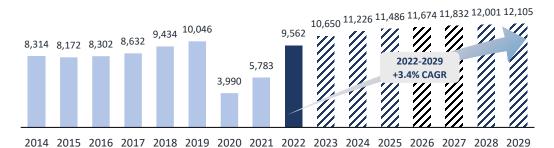


#### Global Traffic Increase Supporting Service Units Growth in the Medium-long Term



Source: Airbus Global Market Forecast 2021-2040

#### Italian En-route Service Units ('000)



Source: Eurocontrol - scenario 2, April, 2023

- External source indicates a global growth in traffic reflecting a doubling in volumes every 15 years
- Italy is strategically located to benefit from growth in global traffic

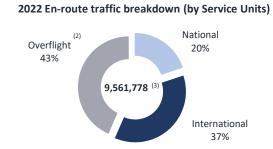
 Italy en-route service units expected to be 6% above the pre-Covid levels in 2023

1. Revenue passenger kilometer.

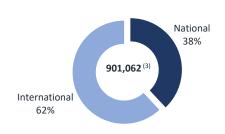
# Diversified Customer Base and Business Mix Provide Resilient Results CV



#### Diversified Business Mix (1)



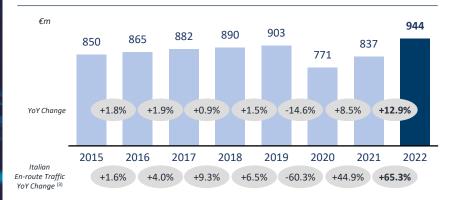




## Diversified business mix with majority of revenue from enroute services and relevant revenue from terminal services

## 80% of en-route traffic from international and overflight, resulting in limited exposure to Italian GDP

#### Volume Risk Protection Provides Revenue Resilience



## 2022 Top 10 Customers (1)













**AIRFRANCE** /







- Diversified customer base from different geographies (top 10 customers weight 52.8% of total en-route service units)
- Collection managed centrally by **Eurocontrol** on a monthly basis
- Resilient revenue trend supported protective by a regulation framework

- Based on ENAV 2022 service units.
- Overflight defined as international traffic transiting over Italian territory (not departing / landing in Italy).
- Excluding exempt flights not communicated to Eurocontrol (for en-route 3.229 SUs and for terminal 894 SUs).

# **European Regulatory Framework Providing Long-term Visibility** (1/2)



	<b>En-route</b> (75% of regulated revenue ¹)	
Regulatory Period	RP2 (2015 – 2019)	RP3 (2020 – 2024)
Traffic Risk	Mitigated (70% protection between ±2% and ±10%) (full protection for traffic beyond ±10%)	Mitigated (70% protection between ±2% and ±10%) (full protection for traffic beyond ±10%)
Inflation Risk	Full cost recovery	Full cost recovery
ОРЕХ	Upside on OPEX efficiencies above regulatory target fully retained by the Company	Upside on OPEX efficiencies above regulatory target fully retained by the Company
CAPEX/D&A	Upside on CAPEX efficiencies above regulatory target fully retained by the Company	Partial cost recovery
Performance quality (Bonus/Malus)	Bonus/Malus mechanism depending on achievement of quality targets: +/-1% of	Bonus/Malus mechanism depending on achievement of quality targets +/-2% of

revenue

RP3 performance plan 2020-2024 defined and approved

- Visibility through 5-year regulatory period
- Strong traffic risk mitigation
- Significant room for upside on OPEX in regulated business
- Full inflation risk protection
- Partial cost recovery mechanism for CAPEX (i.e. alignment of actual and planned investments)
- Additional revenue upside/downside on performance quality targets (minutes of delay per assisted flight)
- Full upside from non-regulated activities

determined costs

# **European Regulatory Framework Providing Long-term Visibility** (2/2)



	<b>Terminal</b> (25% of regulated revenue <sup>1</sup> )											
	Charging Zone	% of regulated revenue (1)	Airports	Charging regulation	Difference from en-route							
ANCE AND S SCHEME	Terminal zone 1	3%	■ Rome Fiumicino	Subject to <b>traffic risk sharing and cost risk</b> from 2015, full protection on inflation	Same as en-route							
PERFORMANCE AND CHARGING SCHEME	Terminal zone 2	7%	<ul><li>Milan Linate</li><li>Milan Malpensa</li><li>Venice</li><li>Bergamo</li></ul>	Subject to <b>cost risk</b> from 2015, full protection on traffic and inflation	Same as en-route but <b>full traffic</b> <b>protection</b>							
NATIONAL	Terminal zone 3	15%	Other airports:  40 ENAV  3 Italian Air Force	Subject to the <b>national regulatory framework</b> (full cost recovery) including inflation	Full cost recovery							

<sup>1.</sup> Based on 2022 total en-route and terminal revenues pre-balance including exemptions.



# **Business Plan – Highlights**



The 2022-2024 Business Plan is fully oriented to the sustainable success of the Group, keeping, as always, safety as main priority, increasing value for all stakeholders "Future Sky 2031"



Is part of the wider long-term future strategic vision which have a 10 years horizon



Takes into account **RP3 regulatory framework** and the related Performance Plan



Pushes on **innovation and digitization** of Group processes and infrastructures



Keeps **personnel at the center** focusing on professional growth and attraction of new talents



**Confirms main strategical projects** shared in the previous Business Plan



Includes **new market needs**, such as higher flexibility and scalability in providing services



Considers **new emerging business** such as drones



**Enhances sustainability** of the Group



Defines investments needed to keep and improve current top-notch performance









# **Business Plan – Objectives**











# ENAV as a Frontier Service Provider Leadership in Core business

Maintain and enhance leadership in providing core business' services, through the evolution of the Technical and Operational Model

## **ENAV fully Digital & Sustainable** Leader in ATM/UTM¹ Technology

To become the **best-in class in digitizing** the core business and all internal processes **in a more** sustainable way

## **ENAV** global market leader

Leadership in Non-Regulated business

To be **global leader in contestable markets**, strengthening and enlarging the offering of digital solutions

# ENAV talent catalyst

Best place to work

Attract new and young talents thanks to our positioning at the frontier of technologies and to our corporate culture oriented to innovation and diversity

# Future Strategic Vision & Business Plan – Timeline



The 2022-2024 Business Plan is fully integrated within ENAV's future strategic vision, structured in three steps, to address the current uncertainty and pave the way for the relaunch of the Group



ENAV as a fully digital organization, enhancing sustainability and efficiency, consolidating its leadership in the Single European Sky scenario

# Sustainability as Basement of our Business Plan



Initiatives included in the 2022-2024 Business Plan are in line and increase the value of ENAV's Sustainability Assets

## Sustainability Assets in ENAV's Sustainability Plan

Strategy and Governance

**Enhance Regulatory** and Management System to integrate **ENAV's Sustainability** Strategy

**Policies** 

Adopt new several Policies to regulate specific ESG issues

Technological Innovation

Achieve ENAV's strategic goals through technological innovation

Reporting and Communication

Strengthen the nonfinancial reporting process and the internal and external communication of ENAV's Sustainability Strategy

Corporate Culture

Disclose, within ENAV. an individual and corporate culture. oriented to Sustainability's principles



Fight Climate Change

The Sustainability Plan, based on 6 main Assets, defines a series of actions, based on the United Nations 17 Sustainable Development Goals (SDGs), on which the ENAV Group will be committed in the period and that pursue the full integration of ESG elements in all Group's activities



In the following slides are shown SDGs impacted by each Business Plan's pillar



## **Sustainable Development Goals**

































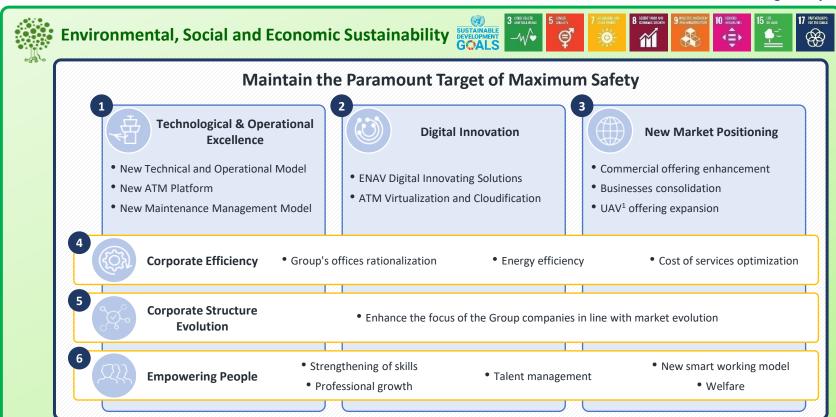






## **Business Plan – Pillars**





## Business Plan - Pillar 1





## **Environmental, Social and Economic Sustainability**













Maintain the	Paramount	Target of	Maximum	Safety



## **Technological & Operational Excellence**

## Initiatives

- ACCs Consolidation
- APP integration into ACCs
- Remote Towers Development

- New ATM platform
- New maintenance management centralized model

## **Objectives**

- Productivity increase in providing ATM services
- ENAV positioning as a worldwide technological leader in providing ATM services
- Increase flexibility and scalability of operational structure in the management of core activities
- Improvement of customers experience at no additional cost

#### **Benefits**

- Group "Right-sizing" without layoffs but leveraging retirements and voluntary exits, hiring new resources to partially replace exits
- More balanced workload

- Maintenance costs reduction
- Energy savings

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# Pillar 1 – Focus on ACCs Consolidation & Remote Towers





## **Environmental, Social and Economic Sustainability**





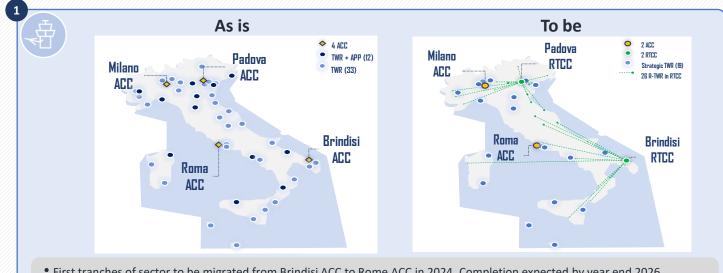








# **Maintain the Paramount Target of Maximum Safety**



- First tranches of sector to be migrated from Brindisi ACC to Rome ACC in 2024. Completion expected by year end 2026
- Brindisi Remote Tower to start operating in 2022, with the completion of first 6 Remote Towers expected by year end 2024

## **Business Plan - Pillar 2**





## **Environmental, Social and Economic Sustainability**















## **Digital Innovation**

## Initiatives

- ATM Virtualization and Cloudification throughout hyper-automation tools as a support to operative management processes
- Artificial Intelligence and Internet of Things implementation to support predictive maintenance

## **Objectives**

- Facilitate core business evolution
- Accelerate non-regulated business expansion
- Becoming an incubator for innovative digital solutions, to anticipate future technological developments

#### **Benefits**

- Streamlining the Group's management operations
- Improving service quality provided

 New business opportunities in new markets through the generation of new services & partnerships

# **Business Plan - Pillar 3**





## **Environmental, Social and Economic Sustainability**











# Maintain the Paramount Target of Maximum Safety



## **New Market Positioning**

Initiatives

Enhancement and integration of Group's products and offerings

 Define and implement new services for UAV vehicles, coherently with market evolution

**Objectives** 

- Consolidating ENAV's positioning as a world-wide leader
- Increase non-regulated business size

- Enlargement of Customer base
- Becoming national leader in UAV services

**Benefits** 

- Increase revenue from non-regulated business
- New business opportunities in new markets leveraging on the "first-mover" opportunity

## **Business Plan – Horizontal Pillars**





## **Environmental, Social and Economic Sustainability**

















## **Maintain the Paramount Target of Maximum Safety**



## Corporate Efficiency



# Corporate Structure Evolution



# Empowering People



- Internalization of ATM platform maintenance activities
- Group's offices rationalization
- End-to-end key processes integration
- es
- Young talent selection and hiring
- Implementation of personalized professional growth path

## **Objectives**

- Internalizing maintenance know-how
- Reduce dependency from suppliers
- Strengthen Group presence in un-explored markets
- Support strategic pillars realization through coherent process of growth, integration and evolutions of corporate skills

- **Benefits**
- Increase Group' sustainability
- Enhance internal work flexibility and efficiency
- Enhance core business quality provided
- Increase revenue from nonregulated business
- Increase work quality
- Enhance work/life balance
- New corporate culture digitally oriented and future proof



# 2022 – 2024 Business Plan Targets



Total revenue CAGR	mid single digit
Non-regulated revenue	approximately €50m in 2024
EBITDA CAGR	<u>high single digit</u>
EBIT margin	approximately 17% in 2024
<b>©</b> САРЕХ	approximately €350m
Total investments 2022-2031	approximately €1 billion



## **Overview of Customer Base**

# @encv group

#### Well Diversified Customer Base (1)

	2022	2021
RYANAIR	20.1%	19.7%
easyJet	6.3%	5.2%
AIRWAYS	5.8%	1.6%
WYZOZ	5.6%	5.1%
TURKISH ()	3.9%	4.3%
Lufthansa	2.8%	2.8%
AIRFRANCE /	2.6%	2.7%
vueling	2.0%	1.5%
VOLOTE∧ <b>◇</b>	2.0%	2.5%
<b>transavia</b>	1.8%	1.4%
Emirates	1.6%	1.5%
AEGEAN A STAR ALLIANGE MEMBER \$2	1.6%	1.6%
QATAR ARMANS Julius	1.6%	2.3%
Eurowings	1.5%	1.2%
BRITISH AIRWAYS	1.4%	1.2%
×x air malta	1.2%	1.1%
Other Airlines	38.4%	44.4%

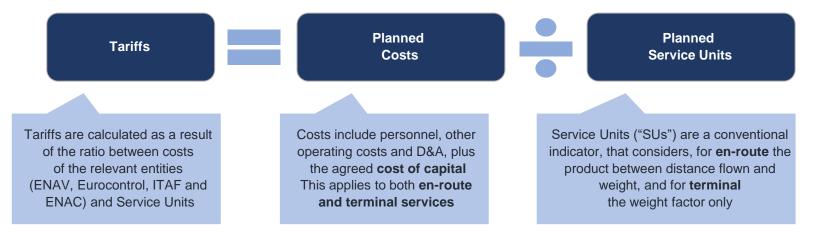
- **Broad customer base** which includes carriers from diversified geographies
- Balanced exposure towards low-cost and full-service airlines
- Empty routes quickly taken up by competitors
- Collection centrally managed by Eurocontrol on a monthly basis
- En-route services can be discontinued by the competent Authorities to carriers who do not pay Eurocontrol

1. Based on ENAV 2022 en-route service units.

# Reference Regulation – Key Principles of Tariffs



- The system adopted by all Air Navigation Service Providers of the Member States provides for the payment of a tariff for both en-route and terminal services
- Tariffs are determined as planned costs divided by planned traffic volumes (measured as "Service Units"):



- Over the 5-year regulatory period (currently RP3: 2020-2024) tariffs are determined on the basis of a **cost efficiency target** level agreed with the European Commission, taking into account also expected inflation and traffic expected growth
- Tariffs, multiplied by actual traffic volumes (actual SUs) lead to regulated revenue

# **En-route Tariff – Chargeable Costs**



## **Total Cost Base Calculation (Chargeable Costs)**

#### **Determined Costs Breakdown**



## **ENAV Determined costs**

- Labour + Other Opex + Eurocontrol costs
- D&A
- Cost of capital

В

Non-ENAV Determined costs (ITAF + ENAC)

**C** =

**Total Determined Costs** 

D

Balance reversal

E



**Chargeable costs** 

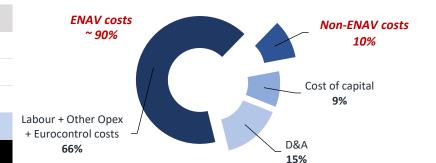
Cost efficiency target is applied to DUC in real terms (1)

Total Determined Costs ÷ Planned SU = **Determined Unit Costs (DUC)** (2)

Chargeable Costs ÷ Planned SU = Applicable Tariff

Applicable Tariff x Actual SU x % Applicable to ENAV  $^{(3)}$  =

En-route revenue (4)



Timing of set up

Beginning of regulatory period (for all the RP)

November of each year (year n+1)

- 1. Please see slide "En-route Tariff Efficiency Target for DUC in RP3" for additional details.
- 2. In nominal terms. Please see slide "En-route Tariff Efficiency Target for DUC in RP3" for additional details.

- 3. I.e., excluding % referring to ITAF + ENAC.
- 4. Including exemptions.

## **Traffic Balance**

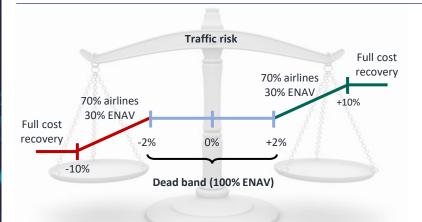


#### **Key Principles**

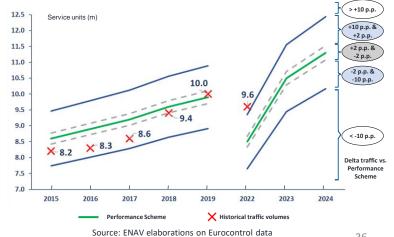
Deviation between planned traffic from Performance Scheme and current traffic leads to a traffic risk borne:

- Entirely by ENAV if the delta is within the +/- 2% range
- **30% by ENAV** and 70% by airlines if the delta is within:
  - -2% / -10% or
  - +2% / +10%
- **100% by airlines** if the delta is < **-10%** or > **+10%**

## **Impact Deviation of Planned and Actual Traffic**



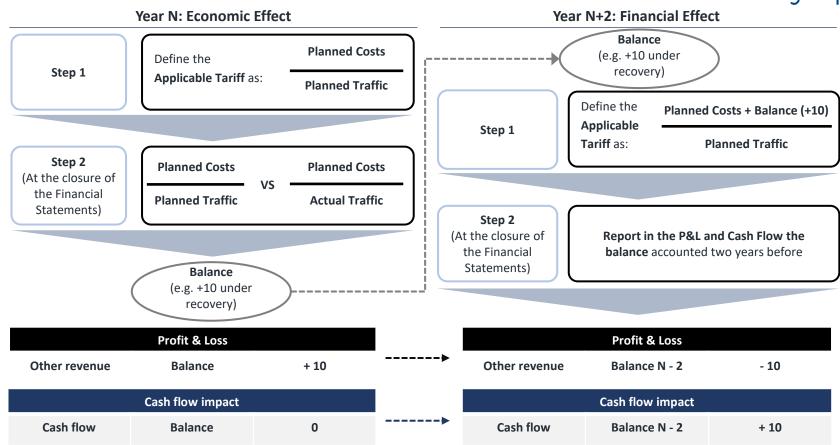
## RP2/RP3 En-route Planned Traffic vs. Actual Traffic



# The Balance from Traffic Risk Sharing Mechanism

HARA THE





# **En-route Tariff – Efficiency Target for DUC in RP3**



## RP3 Performance Plan (2020-2024): Key Economic Assumptions (1)

- The level of efficiency, agreed with the European Commission and officially approved via the Executive Decision of European Commission 2022/773, shows an average of 1.9% decrease per year in the 2019-2024 period (DUC in real terms) equivalent to an 8.9% decrease in 2024 vs. 2019
- Based on planned inflation, DUC (nominal) would decrease on average by 1.0% per year equivalent to an 4.9% decrease in 2024 vs. 2019
- Considering the planned traffic increase based on regulatory projections (+2.3% CAGR 2019-2024), Determined Cost base (ENAV+Eurocontrol, Enac and ITAF) is expected to grow at 1.3% per year in nominal terms

		2019	2020	2021	2022	2023	<b>2024</b> (2)	CAGR 2019 - 2024	2024 vs. 2019
Total Determined Costs (€m)	(A)	645	582	615	651	674	689	1.3%	6.8%
Planned SU (m)	(B)	10.0	4.0	5.5	8.5	10.5	11.3	2.3%	12.3%
DUC - Nominal terms (€)	(C) = A/B	64.2	145.9	111.6	76.5	64.4	61.1	(1.0%)	(4.9%)
Planned Inflation (3)			0.00%	1.66%	1.79%	1.15%	1.23%		
Inflation Index (2017=100) (3)		101.8	101.8	103.5	105.3	106.6	107.9	1.2%	
Total Determined Costs - Real Terms 2017 (€m)	(D)	637	575	601	627	643	652	0.4%	2.3%
DUC - Real terms 2017 (€)	(E) = D/B	63.5	144.1	108.9	73.7	61.5	57.8	(1.9%)	(8.9%)

Source: Executive Decision of European Commission 2022/773

- 1. In compliance with regulation setting guidelines for the calculation of performance and tariffs (EU Reg. 317/2019).
- 2. Target are defined for 2020-2024 period, considering 2019 actual as the starting point.
- 3. Inflation works on personnel and operating costs.

# **Historical Income Statement 2015-2022**





€m	2015	2016	2017	2018	2019	2020	2021	2022
Net Sales	850	865	882	890	903	771	837	944
En-Route	566	583	615	675	689	233	324	648
Terminal	180	195	220	223	231	82	136	220
Other (1)	104	87	47	(8)	(18)	456	376	76
Operating costs	(607)	(610)	(598)	(592)	(600)	(561)	(614)	(672)
Personnel costs	(476)	(478)	(478)	(481)	(497)	(461)	(499)	(544)
Other net operating costs	(131)	(132)	(120)	(111)	(103)	(100)	(115)	(128)
EBITDA	243	255	284	297	303	211	222	272
% Margin	29%	29%	32%	33%	34%	27%	27%	29%
% Growth	9%	5%	11%	5%	2%	-30%	5%	22%
Gross D&A	(147)	(143)	(140)	(138)	(139)	(138)	(129)	(126)
Capex contribution	9	10	10	9	9	10	9	8
Provisions and writedowns	(12)	(5)	(7)	(4)	(2)	(11)	(3)	(6)
EBIT	93	117	147	164	171	71	98	148
% Margin	11%	14%	17%	18%	19%	9%	12%	16%
% Growth	28%	25%	25%	12%	4%	-58%	38%	51%
Net finance expenses	2	(2)	(3)	(3)	(5)	(6)	5	(0.6)
Profit before income taxes	96	115	144	161	166	65	103	148
Income taxes	(30)	(38)	(42)	(47)	(48)	(11)	(25)	(43)
% of profit before taxes	31%	33%	29%	29%	29%	17%	24%	29%
Profit for the year	66	76	101	114	118	54	78	104
% Growth	65%	16%	33%	13%	3%	-54%	45%	34%

# Historical Revenue, Net Revenue and Opex 2015-2022





€m	2015	2016	2017	2018	2019	2020	2021	2022
Revenue	859	875	892	899	912	781	845	953
Capex contribution	(9)	(10)	(10)	(9)	(9)	(10)	(9)	(8)
Net revenue	850	865	882	890	903	771	837	944
% Growth	1.7%	1.8%	1.9%	0.9%	1.5%	(14.6%)	8.5%	12.9%
En-Route	566	583	615	675	689	233	324	648
Terminal	180	195	220	223	231	82	136	220
Other	104	87	47	(8)	(18)	456	376	76
Balance	18	16	(17)	(81)	(87)	383	294	(15)
Stabilization funds	20	-	-	-	-	-	-	-
Non regulated activities	11	15	14	14	19	27	33	40
Other operating revenue	54	56	50	59	50	46	49	51
Opex contributions	31	31	30	31	30	31	31	34
Route and terminal exemptions	14	13	14	13	12	10	11	13
European financing	6	9	3	10	5	4	5	3
Other income	3	2	3	5	3	1	2	1
Operating costs	(607)	(610)	(598)	(592)	(600)	(561)	(614)	(672)
% Growth	(0.9%)	0.6%	(2.0%)	(1.0%)	1.3%	(6.6%)	9.6%	9.4%
Personnel costs	(476)	(478)	(478)	(481)	(497)	(461)	(499)	(544)
Other costs, net	(131)	(132)	(120)	(111)	(103)	(100)	(115)	(128)
Services costs	(142)	(142)	(131)	(123)	(119)	(113)	(127)	(143)
Purchasing costs	(10)	(9)	(8)	(10)	(10)	(8)	(10)	(8)
Costs of rents and leases	(6)	(6)	(6)	(5)	(2)	(2)	(2)	(2)
Other operating costs	(3)	(4)	(5)	(5)	(2)	(5)	(4)	(3)
Capitalized internal works	30	29	29	31	31	28	27	28
EBITDA	243	255	284	297	303	211	222	272

- Main drivers of ENAV's **net revenue** are **en-route** and **terminal businesses**, representing about **96% of net revenue**
- Non-regulated revenue, representing approximately
   4% of net revenue
- The balance component includes the net effect of traffic risk protection, inflation protection, bonus on performance, all generated in the year, coupled with the reversal of previous years balance applied to the tariff of the current year
- Other Operating Revenue mainly includes OPEX contributions for Safety and Security (under law 248/05), en-route and terminal exemptions and European financing related to common projects
- Operating costs are composed of personnel costs, accounting for approximately 80% of total costs, and of other external costs for the remaining 20%
- Main external cost items include: maintenance costs, telecommunications & utilities, insurance, Eurocontrol contributions – based on billed traffic and included in tariff, purchase costs, as well as consulting and external professional services
- Personnel costs in 2022 are related to 4,185 employees composing the ENAV Group

# **Historical Balance Sheet 2015-2022**

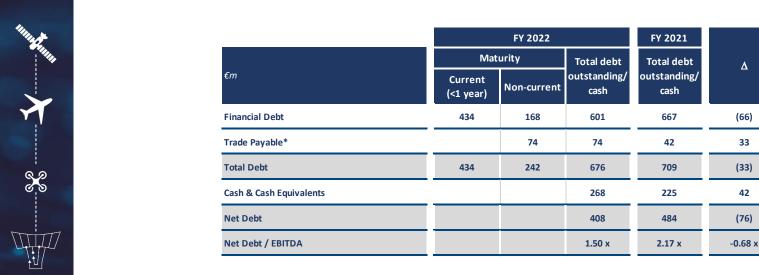




€m	2015	2016	2017	2018	2019	2020	2021 (1)	2022 (1)
Property, plant and equipment & right-of-use assets	1,084	1,056	1,028	1,000	985	930	885	852
Intangible assets	122	123	124	122	172	176	176	180
Investments	35	36	51	60	63	50	47	36
Other non-current assets and liabilities	67	84	17	(118)	(157)	258	553	486
Liability for employee benefits	(58)	(57)	(56)	(52)	(53)	(50)	(48)	(41)
Net fixed capital	1,250	1,242	1,165	1,013	1,011	1,364	1,613	1,514
Inventories	62	61	61	61	61	62	62	61
Trade receivables	234	227	286	268	213	137	177	334
Trade payables	(128)	(133)	(131)	(126)	(139)	(150)	(116)	(140)
Provisions for risks and charges	(14)	(11)	(9)	(3)	(2)	(3)	(14)	(11)
Other current assets and liabilities	(124)	(166)	(135)	(75)	(116)	(88)	(75)	(142)
Assets held for disposal net of related liabilities	-	-	1	1	1	1	0	0
Net working capital	29	(22)	73	127	19	(42)	34	101
Net invested capital	1,279	1,220	1,237	1,140	1,030	1,322	1,647	1,615
Shareholders' equity	1,091	1,120	1,120	1,138	1,156	1,085	1,163	1,207
Net financial position	189	100	117	2	(126)	237	484	408
Total funding	1,279	1,220	1,237	1,140	1,030	1,322	1,647	1,615

# **2022 Cash Flow and Capitalization**





#### ENAV's liquidity and financial position remains strong

- Cash and cash equivalents at the end of 2022 was €268m, improving 42 million YoY
- Availability of undrawn credit lines of €294m out of which €220m committed
- €180m refinancing performed in July: private placement due at the beginning of August refinanced with new 12 months tenor term loans
- Net financial position at the end of December 2022 shows a net debt of €408m, improving if compared with year-end 2021 by €484m

## Disclaimer





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