

MATERIALITY ANALYSIS INSIGHTS

Drafted in 2025



Materiality analysis is the tool used to identify the most significant aspects generated on the environment, people and the economy.

The ENAV Group conducts annual materiality analysis, in 2024 we conducted the first double materiality analysis carried out in accordance with the Corporate Sustainability Reporting Directive (CSRD) and the ESRS standard, identifying impacts, risks and opportunities (IRO) for each sustainability issue relevant to our business and stakeholders.

Through the 2024 double materiality analysis, 14 relevant aspects (1 opportunity, 6 risks and 7 impacts) were identified. Two models were developed to assess the relevance of the identified IROs, one for impact materiality and another for financial materiality. Below are ranked the impacts in accordance with their relevance:

Impact materiality

Priority	IRO Summary	Туре	Sub-topic / Sub-sub-topic	ESG Theme
1	Air navigation safety	Potential Negative Impact	Personal safety of consumers and/ or end-users / Security of a person	Consumers and end-users
2	Data security	Potential Negative Impact	Economic, social and cultural rights of communities / Security related impacts	Affected communities
3	Scope 1, 2 and 3 emissions	Current Negative Impact	Climate change mitigation	Climate change
4	Health and safety in contracting	Potential Negative Impact	Working conditions / Health and safety	Workers in the value chain
5	Health and safety in ordinary activities	Current Negative Impact	Working conditions / Health and safety	Own workforce
6	Energy consumption	Current Negative Impact	Energy	Climate change
7	Electromagnetism	Potential Negative Impact	Economic, social and cultural rights of communities / Security related impacts	Affected communities



Financial materiality

Priority	IRO Summary	Туре	Sub-topic / Sub-sub-topic	ESG Theme
1	Development of innovative flight procedures	Opportunity	Climate change mitigation	Climate change
2	Adequacy of skills	Risk	Equal treatment and opportunities for all / Training and skills development	Own workforce
3	Data security	Risk	Economic, social and cultural rights of communities / Security related impacts	Affected communities
4	Health and safety in ordinary activities	Risk	Working conditions / Health and safety	Own workforce
5	Physical safety of personnel	Risk	Working conditions / Health and safety	Own workforce
6	Health and safety in contracting	Risk	Working conditions / Health and safety	Workers in the value chain
7	Fraud and corruption	Risk	Corruption and bribery / Prevention and detection including training	Business conduct



Materiality 2024: Insights related to the impact on value creation for the organization

Shown below are three materials aspects that illustrate key issues for the Group's long-term value creation

	Material Issue 1	Material Issue 2	Material Issue 3
Material Risk	Energy and climate change	Training and skills development	Own workforce
or Opportunity	mitigation		
Category	Energy	Human Capital Management	Human Capital Management
Description	Energy efficiency in asset	Human capital is a strategic component	Creating an inclusive and fair working
	operations, along with a focused	for the Group's strategic objectives for the	environment in order to prevent
	commitment to reducing and	unregulated market. Creating initiatives	discrimination or abuse in the
	offsetting greenhouse gas	connected to training and the	Company and offer equal
	emissions, is a key component of	development of the skills is necessary to	opportunities in all evaluation
	the Group's strategy to mitigate its	guarantee, in the medium term, the	processes
	climate impact.	adequacy of the profiles of the technical	
		personnel.	
Business Case	The provision of air navigation	For the ENAV Group, the management	ENAV employs over 4,300
	assistance services by ENAV,	and development of skills also represent	professionals, including operational
	considering the operating model	a fundamental aspect for the	roles such as Air Traffic Controllers
	adopted, implies the use of a large	achievement of commercial objectives in	(ATC), which are critical to the Group's
	amount of electricity (about 59.983	the non-regulated market. In particular,	activities and cannot easily be
	MWh in 2024) for the H24 operation	the development plan for the expansion	replaced due to the highly specialized
	of the Group's technological	on this market envisages the	nature of the position, requiring
	infrastructure and assets.	strengthening of the commercial and	extensive training and ongoing
	The program of energy efficiency	delivery capacity for the current core	certifications. A significant gender
	measures, the purchase of energy	activities of the non-regulated market	imbalance persists within these
	exclusively from renewable sources	(e.g. licences and software, technical and	operational profiles, highlighting the
	(about 96% of the total in 2024), the	engineering services, aeronautical	need for a more inclusive workforce
	self-production of electricity to	consultancy), the optimisation and	strategy.
	power the operation of the Air Traffic	development of other businesses to	In this context, issues related to gender
	Management / Air Traffic Services	enhance the ENAV Group's distinctive	equality, particularly regarding the



	Material Issue 1	Material Issue 2	Material Issue 3
Material Risk	Energy and climate change	Training and skills development	Own workforce
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	infrastructure (control towers, radar	skills and diversify the portfolio of	gender pay gap and potential
	control centers and remote sites)	activities (e.g. platforms dedicated to	discrimination, pose a risk to ENAV's
	and offices reduce the	drone services, training, weather	employer branding. Such disputes
	environmental impact in terms of	services). Therefore, it is fundamental to	could negatively impact on the Group's
	greenhouse gas emissions and	strengthen the initiatives related to	reputation, diminishing its ability to
	contribute to a more efficient	training and the development of the skills	attract top talent and effectively
	management of the Group's	necessary to guarantee, in the medium	address workforce turnover in key
	activities, with the possibility of	term, the adequacy of the profiles of the	roles. Addressing gender imbalances
	positively affecting the costs	technical personnel of the subsidiaries	and promoting equal opportunities are
	incurred.	(Techno Sky and IDS AirNav) and of the	therefore essential to safeguarding
		ENAV corporate staff.	operational continuity and enhancing
			the Group's competitive positioning in
Durainana			the labor market.
Business			
Impact (Revenue/cost	Cost	Opportunity	Revenue
/risk)			
Business	To reduce energy costs and	The ENAV Group pays special attention to	ENAV is dedicated to addressing
Strategies	minimize the carbon footprint of its	aspects related to the training of its staff	gender imbalances within its
	operations, ENAV has adopted a	and newly hired employees, which are	workforce, particularly in highly
	comprehensive climate strategy	integrated into the broader human	specialized operational roles, which
	that encompasses:	resources management system, as also	are essential to the Group's business
	- Procuring electricity	set out in the Code of Ethics.	continuity yet remain marked by
	exclusively through supply	Increasing staff skills and knowledge,	significant disparities. To promote
	contracts certified by	including digital and AI-related skills,	equal opportunities and foster a more
	Guarantees of Origin (GO)	strengthens employees' capabilities and	inclusive workplace, the Group has
	from renewable sources.	can provide an opportunity to improve the	adopted a comprehensive strategy that
			includes aligning with the guidelines of



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	 Implementing a 10-year energy efficiency program (2020–2030). Gradually increasing the share of self-generated renewable energy, primarily from photovoltaic systems. Advancing energy research and innovation projects, including wind power plants, the use of biofuels for emergency power generators, and blue hydrogen fuel cell systems. Initiating additional projects beyond electricity, such as the replacement of the corporate car fleet with more sustainable alternatives. 	efficiency and quality of services, indeed the Group is carrying out: - Annually, a training plan is drawn up for the technical and administrative profiles of Group companies, which offers continuous training initiatives, also through external resources and platforms, aimed at i) keeping professional expertise up-to-date, ii) enabling the achievement of the necessary credits for professional registers, iii) updating software design and system management skills in line with the highest security standards available on the market. - strategic drivers at Group level and the training needs expressed by management are taken into account to offer updating and skills development paths in line with personnel expectations.	UNI/PdR 125:2022, the standard for Gender Equality Certification. As part of this commitment, ENAV is actively working to reduce the gender pay gap through the implementation of structured policies and initiatives aimed at promoting equitable compensation practices, increasing transparency, and supporting career development for underrepresented groups.
Target/Metric	SBTi Scope 1 & 2 target – Reduction of absolute scope 1 and 2 GHG emissions 70%	1. Improvement in digital skills "digital culture": +5% in digital skills detected in final assessment vs initial	Obtaining in 2024 the UNI/PdR 125:2022 certification, an international standard for



Material Issue 1	Material Issue 2	Material Issue 3
Energy and climate change	Training and skills development	Own workforce
mitigation		
by 2030 from a 2019 base year. 2. SBTi Scope 3 target – Reduction of absolute scope 3 GHG emissions from capital goods, fuel-and-energy-related activities, and employee commuting 13.5% by 2030 from a 2019 base year. 3. Implementation of energy efficiency projects – This includes the installation of one new photovoltaic system at Roma Urbe site by the end of the target year 2024 and the installation of 7 photovoltaic systems by the end of 2029. 4. Certified renewable electricity purchasing program through GOs: ≥ 95% of total (annual target) from 2025 to 2029 Furthermore, in order to measure	assessment 2025 – target year: 2027 2. Annual provision of training programmes on the use of AI for ENAV Group employees – annual target from 2025 to 2029 Furthermore, in order to measure progress on the issue at hand, the ENAV Group monitors a series of metrics, including: - Percentage (%) of employees involved in the digital skills development programme - Average hours of digital skills training per employee - Number of employees who participated in training programmes on the use of AI	promoting gender equality and reducing workplace disparities. 2. Achievement of the gender pay gap within a differential of 5% by the end of target year 2026. 3. Implementation of an intercompany training and mentoring programme on inclusive leadership, in particular with intermediate target of training at least 80% of total managers by year-end 2025, subsequently extending coverage to at least 90% of the managerial population by 2027. Furthermore, in order to measure progress on the issue at hand, the ENAV Group monitors a series of metrics, including: - Average women's salary (executive, management levels; base salary and base salary + incentives). - Average men's salary (executive, management, and non-
	mitigation by 2030 from a 2019 base year. 2. SBTi Scope 3 target – Reduction of absolute scope 3 GHG emissions from capital goods, fuel-and-energy-related activities, and employee commuting 13.5% by 2030 from a 2019 base year. 3. Implementation of energy efficiency projects – This includes the installation of one new photovoltaic system at Roma Urbe site by the end of the target year 2024 and the installation of 7 photovoltaic systems by the end of 2029. 4. Certified renewable electricity purchasing program through GOs: ≥ 95% of total (annual target) from 2025 to 2029	Training and skills development Description Description Description



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Material Risk	Energy and climate change	Training and skills development	Own workforce
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	 ENAV Group monitors a series of metrics, including: Number of photovoltaic panels installed. Increase in self-produced renewable energy Reduction of GHG emissions (Scope 1, 2, and 3). Reduction of offset emissions. Reduction of emissions generated by managed traffic Number of fully electric vehicles 		management levels; base salary and base salary + incentives). - Percentage (%) of women in managerial positions - Percentage (%) of promotions obtained by women out of the annual total
Target Year	2024	2029	2027
Progress	 Scope 1 & 2 emissions reduced by 4,890 tCO₂e (87.4%) by the end of FY 2024 compared to the 2019 baseline. Scope 3 emissions in SBTi targets instead increased by 23.8% compared to the baseline. This trend is mainly due to the use of what is called a "spend-based" method of calculating capital goods emissions; in 	The strengthening of training and skills development initiatives for the workforce, combined with the permanent measures already implemented at Group level, such as the skills mapping system and the process of defining skills requirements, has led to a positive revision of the outlook for this area over the next five years. In particular in 2024 the following activities were carried out: 1. redesign of the performance management system to assess the	1. The UNI/PdR 125:2022 certification obtained in 2024, reflects the compliance with internationally recognized standards for promoting gender equality. This certification applies uniformly across all entities within the ENAV Group. 2. Like in 2023 also at the end of FY 2024, the ENAV Group recorded a reduction in the differential between the average remuneration of men and



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	particular, the increase in	balance between expected roles,	women compared to the
	Group investments during	skills and performance;	previous fiscal year, confirming
	2024 led to a 42% increase in	2. adoption of an annual process to	progress toward the objective of
	emissions in this category	define and verify qualitative	achieving a gender pay gap of
	compared to the previous	objectives related to training and	less than 5% by 2026. The
	year	development processes;	accuracy and transparency of
	Installation and	3. monitoring and evaluation of the	employee remuneration data
	commissioning of one	quality of training initiatives, in	were validated through
	photovoltaic systems	terms of satisfaction and	independent verification.
	completed during FY 2024	effectiveness;	
	4. Carbon neutrality maintained	4. implementation of courses for the	
	in FY 2024, as Scope 1 and 2	development of IT skills open to	
	emissions were further	the entire company workforce;	
	reduced compared to the	5. 30% of the company's	
	previous year and the	administrative staff reached	
	remaining emissions were	through training webinars on the	
	offset through the use of	use of AI.	
	carbon credits.		
Executive	The ENAV Group has defined	The ENAV Group has defined specific KPIs	The ENAV Group has incorporated a
Compensation	specific KPIs related to the issue at	related to the issue at hand, which	sustainability indicator into the second
	hand:	influence the disbursement of Chief	vesting period (2024-2026) of its long-
	 The first one influences the 	Executive Officer's long-term incentives	term incentive (LTI) plan, amounting to
	disbursement of the Chief	(LTI), including:	10% of the incentive. This indicator is
	Executive Officer's long-term	 the implementation of a digital 	based on the Gender Pay Gap, with the
	incentive (LTI) tied to the	skills upskilling/reskilling	target being achieved if the gap is
	maintenance and	programme, with particular focus	reduced to less than 5%.
	enhancement of the S&P	on AI tools, aimed at supporting	
	rating, which pays particular	the pursuit of the business	



	Material Issue 1	Material Issue 2	Material Issue 3
Material Risk or Opportunity	Energy and climate change mitigation	Training and skills development	Own workforce
	attention to energy- and climate-related issues and assesses Enav's performance in these areas. In this way, the incentive structure is directly connected to the achievement and consolidation of targets that include responsible energy management and the company's positioning with respect to climate change mitigation. 2. The second KPI that influences the disbursement of DRS's short-term incentive (STI) is tied to the Remote Digital Tower in Brindisi that will lead to the improvement of energy efficiency consumption and a subsequent reduction in both related CO ₂ emissions and those linked to employee commuting.	development objectives outlined in the 2025-2029 Business Plan.	



Material Issues for External Stakeholders

Below are the three material issues that illustrate the most significant social and environmental impact on external stakeholder groups.

	Impact 1	Impact 2	Impact 3
Material Issue for External Stakeholders	Air navigation safety	Electromagnetism	Data Security
External impact category	Product / Service Quality & Safety	Society & community relations	Product / Service Quality & Safety
Cause of impact and	Operations	Operations	Operations
coverage with respect	Product/Services	Product/Services	Product/Services
to business activities	>50% of business activity	>50% of business activity	>50% of business activity
Stakeholders	Society	Environment	Society
externally impacted	Consumers/ end-users	Society	Consumers/end-users
	• External employees (e.g. supply chain, contractors)	• External employees (e.g. supply chain, contractors)	 External employees (e.g. supply chain, contractors)
Type of Impact	Positive	Negative	Negative
Topic relevance on	As the Italian ANSP, ENAV	The provision of Communication,	Security, understood in its
external stakeholders	provides air navigation	Navigation and Surveillance	broadest sense as the protection
	assistance services in	services by ENAV is ensured by	of infrastructure, personnel and
	the airspace under its	systems that generate	information security, is one of the
	responsibility without	electromagnetic fields of different	core elements in the ENAV Group,
	interruption. Ensuring safe	magnitudes. These include radar,	as a critical infrastructure and
	operations on the ground and in	radio-navigation aids, and radio-	provider of an essential service. In
	the airspace is a responsibility of	communication systems installed	this context, the Group is
	ENAV. This also means,	at both airport sites and remote	committed to continuously
	maintaining the highest levels of	locations distributed across the	enhancing security-related
	safety in air navigation and air	country. While these systems are	structures, with a specific focus on
	traffic management services,	essential to ensuring the safety	cybersecurity, as any attack or
	indeed any degradation/failure	and efficiency of air traffic	security breach could negatively



	Impact 1	Impact 2	Impact 3
	in the performance of one or more components (people, procedures, equipment) of the functional system could affect the provision of air navigation services having an impact on airlines (our customers), passengers and civil society in general.	management, their operation may pose potential risks to stakeholders in the surrounding areas, such as adverse health effects for nearby communities and indirect impacts on sensitive ecosystems. To mitigate these risks, ENAV conducts rigorous electromagnetic impact assessments, ensures compliance with regulatory limits.	affect individuals' right to identity protection and trust in the Company, including the quality of relationships with key stakeholders.
Output Metric	 Number of Separation Minima Infringements (SMI): This indicator measures incidents or situations where the required distance between aircraft is not maintained, thereby increasing the risk of collisions. Number of Runway Incursions (RIN): Unauthorized interferences or entries onto a runway in use for takeoffs or landings, that could lead to hazardous situations. Number of ATM Specific Occurrences (ASO): Technical events resulting in the degradation or interruption of 	 % of electromagnetic emissions reduced through the decommissioning plan of Non-Directional Beacons (NDBs). Number of Non-Directional Beacons (NDBs) decommissioned. 	 Number of information security breaches. Number of clients and customers affected by the breaches. Number of training hours related to security/cybersecurity awareness delivered to personnel.



	Impact 1	Impact 2	Impact 3
	services critical to air traffic management. • Number of inspections and maintenance activities performed on air traffic control and management systems. • Number of training hours delivered to personnel responsible for air traffic control and the technical maintenance of systems.		
Impact Valuation	As part of its Group Risk Management System, ENAV conducts impact assessments to evaluate the incidence of safety- related events, including potential aircraft accidents under ENAV's management that could result in health damage to individuals. These assessments also aim to determine the subsequent level of trust placed in the reliability of the services provided by the Group, as perceived by its customers and other external stakeholders.	As part of its Group Risk Management System, ENAV ensures compliance with the emission limits for non-ionizing radiation established by applicable laws. Moreover, in this context, the Group conducts impact assessments on external stakeholders, evaluating the level of reduction in electromagnetic emissions and any possible cases and complaints of perceived personal unsafety related to electromagnetic field exposure among communities in proximity to the Group's operational sites.	As part of its Group Risk Management System, the ENAV Group conducts comprehensive impact assessments on the security of information managed by the company, with continuous monitoring of potential cases of perceived violations of personal data privacy. Furthermore, in this context, the Group periodically conducts surveys targeting stakeholders, including external customers, to assess their level of trust in the Group and their perceptions and satisfaction regarding various aspects of the



	Impact 1	Impact 2	Impact 3
Impact Metric	 Number of incidents involving aircraft under ENAV's management that resulted in health damage to individuals. Perceived risk level for air traffic users as reported by the Group's customers. Perceived effectiveness level of the safety event investigation process. 	Decrease (%) in reported cases of perceived personal unsafety related to electromagnetic field exposure.	 Percentage increase in reported cases of perceived violations of customer data privacy. Percentage increase in stakeholder trust towards the ENAV Group. Percentage increase in customer satisfaction with the services provided by ENAV.