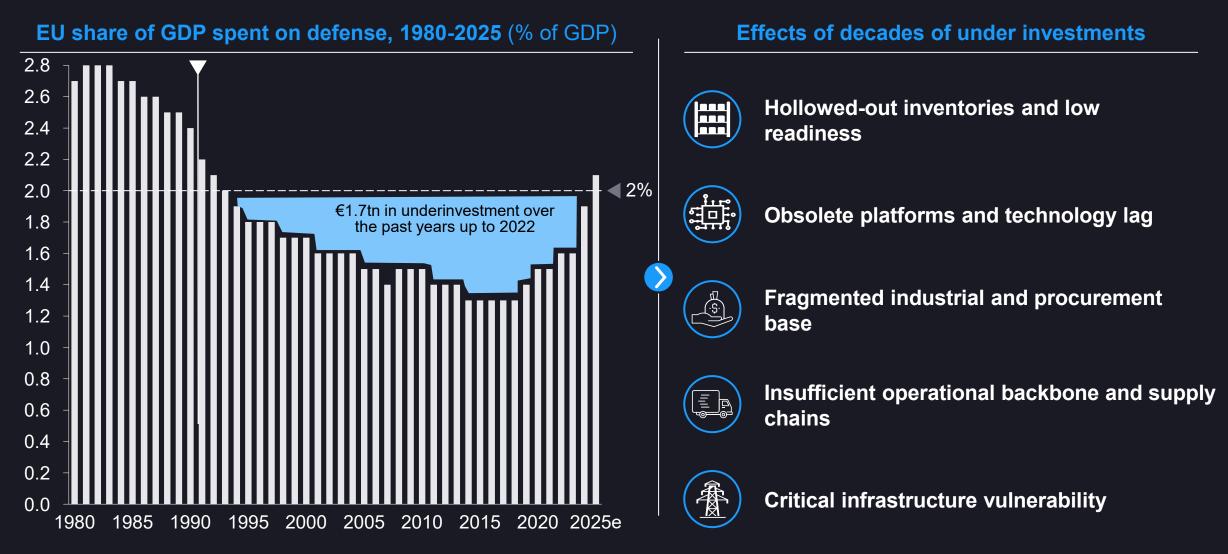


Executive summary

- 1 Europe faces a readiness gap after decades of under investments into defense & security
 - 2 Small stockpiles, outdated technology, a fragmented industry and procurement setup, insufficient supply chains, and vulnerability in critical infrastructure are among the resulting key challenges
 - A multi-hundred-billion Euro investment drive is needed and foreseen to rebuild capability, capacity, resilience, and credible deterrence
 - For European and Nordic business, this means a new era of sustainable demand to address the gaps and future needs which can have material impact across industries, sectors, and value chains
 - Achieving this goal requires scaling industrial capacity, accelerating procurement, securing financing and strengthening infrastructure while maintaining public and political support across borders

As a result of decades of underinvestment, the state of the European defense & security sector is fragile and fragmented

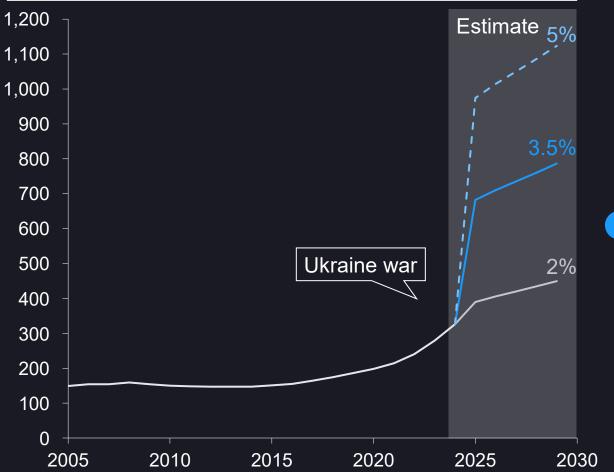
Defense investment in the European Union



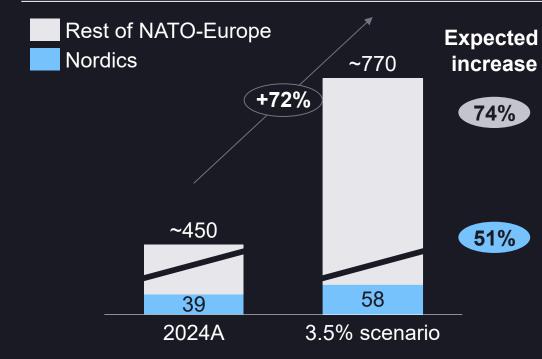
Looking ahead, NATO-European defense spending is set increase to 5% of GDP - with 3.5% dedicated to core defense, leading to add. ~€320bn p.a. towards 2035

Defense investment in the European Union

EU member states defense expenditure¹ (€bn)



Current and projected annual defense expenditures³ (€bn)



- Defense expenditures of all four Nordic countries represented about 2.3% of national GDPs in 2024
- In 2025, both **Denmark and Norway are expected to** exceed defense expenditures of 3% of GDP



^{1.} Represent total spending on armed forces, defense ministries, paramilitary forces, and military space activities; 20% of total expenditures to be allocated to capital expenditures

^{2.} Assumptions: 2024 US contribution is 68% of total NATO defense expenditures. Reducing this to 34% by 2030 would cover ~€0.6tn of the 2030 projected NATO defense expenditures of ~€1.8tn, leaving ~€1.2tn to be covered by other NATO member states

^{3.} NATO-reported defense expenditures. National budgets may vary (significantly) due to difference in categorization of expenditures Source: SIPRI; European Council; World Bank; EY-Parthenon analysis; EY-Parthenon calculations

The money invested is not only for tanks and missiles – it is about re-building Europe's industrial resilience and ecosystems, building on positions of strength

Investments will address critical gaps such as production capacity, readiness, strengthened critical and digital infrastructure, and modern defense systems...

Critical gaps addressed through defense investments

NON-EXHAUSTIVE



Rebuild production

 Expanding Europe's ability to produce and stockpile (particularly of missiles & ammunition) has proved crucial in light of the war in Ukraine



Secure cyber, space, & information superiority

Securing networks, satellites, and data against electronic warfare, through strengthening command, data, and satellite resilience



Strengthen infrastructure resilience & readiness

 Hardening infrastructure, energy grids, logistics, and (military) mobility networks in the Nordics



Modernize, digitize, & expand military platforms

 Replacing of legacy air, land, and maritime systems and integrating digital systems across domains



Establish layered air, missile, & drone defense

 Protecting people and infrastructure from modern threats through multilayered aerial defense systems (air and missile defense, radars & sensors, drones, and counter-UAS capabilities



Accelerate innovation for technological superiority & dual-use capabilities

 Harness emerging technologies including quantum for defense - to advance military and civilian applications, securing Europe's technological independence and leadership

... that will unlock distinct industrial opportunities for Nordic companies within and beyond the core defense & security sector...

Areas of opportunity within and beyond defense & security

NON-EXHAUSTIVE - SELECT SECTORS

Manufacturing

Core and adjacent defense opportunities, incl. for manufacturers of ammunition, missiles, air defense systems, and satellites, as well as subsuppliers to the defense industry (e.g., steel providers) and producers of dual-use products

Maintenance & services

Opportunities for defense and civil MRO capabilities to tap into the heightened need for MRO services in the defense industry as fleets expand, e.g., industrial service firms & tech support providers

Technology, media & telecom

 Opportunities within cybersecurity, secure IT systems, and communications networks for defense and critical infrastructure as governments are highly funding these areas

Energy & utilities

 Opportunities for energy and other utilities as Europe is investing in energy security as part of defense readiness incl. building redundant connections, securing fuel supplies, and deploying backup power systems

Construction

 Opportunities for construction and engineering firms as vast spending is expected into physical infrastructure (e.g., expanding bases, ports, and transport links)

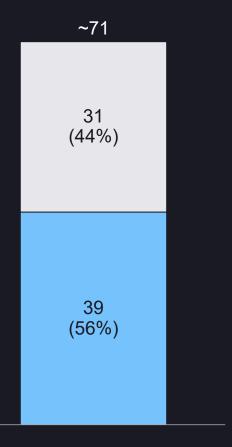
Logistics

 Opportunities for Nordic logistics firms to contract with defense agencies for transport and warehousing solutions, enabling increasing stockpiling and mobilization requirements

... which will generate ~€71bn in revenues across the Nordics, whereof close to half is generated outside of core defense companies

Nordic annual revenue by sector

Annual Nordics revenue by sector until 2035¹ (€bn)



EUR ~71bn

generated in revenues across Nordic sectors

~45%

of revenue generated by companies outside of core defense

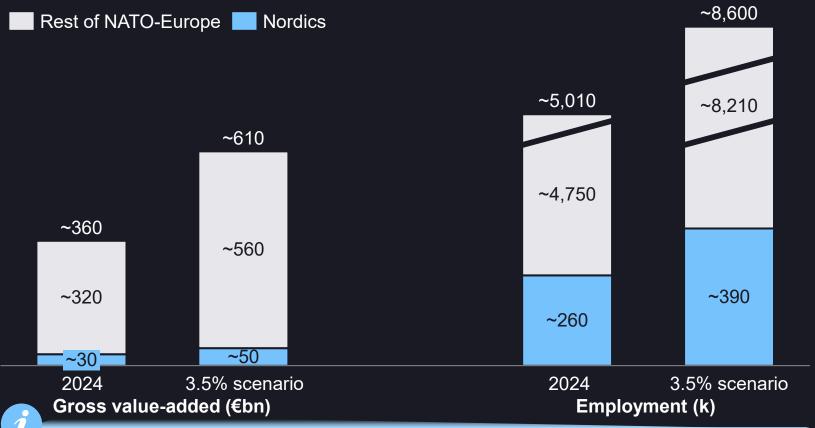
Core defense Adjacent & non-defense

^{1.} Excluding personnel revenues of ~€13bn (primarily wages)

^{2.} Includes sectors: aerospace & defense, public administration, metal products (incl. weapons and ammunition) Source: EY-Parthenon analysis; EY-Parthenon calculation

Delivering on the ambition of a modernized defense and industrial renaissance will generate additional ~130,000 jobs and ~€20bn in added value across the ecosystem

Nordic societal and economic effects



Gross Value Added (GVA) represents the value of goods and services produced minus the cost of inputs and raw materials. It measures the economic contribution of the project – in this case the economic contribution of defense expenditures, from direct (end-suppliers), indirect (along the supply chain), and induced effects (from additional consumer spending)

~130,000

Additional jobs secured in the Nordics tied to defense expenditures

~€20bn

Additional gross valueadded generated in the Nordics from direct, indirect, and induced effects

Key enablers for success include access to more capital, building strategic foresight, accelerating procurement, and scaling up industrial capacity

Key enablers for future success



Secure raw materials and scale up industrial capacity



Secure financing and sustain political support



Strengthen digital and physical infrastructure



Accelerate procurement and build cross-border integration



Ensure supply chain strength and flexibility



Secure supply of labor and build & retain critical skills

Methodology

Analyses	Future expenditure	Revenue generated from expenditures	Macro-economic effects
Overall logic & approach	 Future expenditures represent 3.5% of NATO- Europe GDP, following new NDPP goals 	 Expenditures on personnel, infrastructure, and operations & maintenance expected to only have domestic effects Equipment expenditures are based on expert assessment and follows historical tender data and actual price information Revenues reflect procurement with final OEMs and the impact throughout the supply chain 	 Economic impacts assessed by applying EY proprietary methodology, a global input- output model covering trade from supplying Tier 1 to Tier r industry
Key assumptions & limitations	 Annual effects will likely not be observed in 2025 as full expenditure level is expected by 2035 	 Expenditure shares (personnel, infrastructure, equipment, and operations & maintenance) based on 2024 split – may differ in future years Based on historic tender data - rising incentives to source more European and growing production capabilities entail that procurement likely will not follow historical patterns 	 Based on historic data Assumes production capacity can follow demand Likely conservative as Nordics are gaining more prominent position within defense
Sources	NATO / NDPP	NATO / NDPP, tender database, GTAP¹	Tender database, GTAP¹

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Key contacts



Christoffer Husted Rasmussen
Partner, EY-Parthenon
christoffer.rasmussen@parthenon.ey.com



Martin Petersen Lennards Partner, EY martin.lennards@dk.ey.com



Anna Vesperini
DI Danish Defense and Security Industries
ANVE@DI.DK



Joachim Finkielman
Director, DI Danish Defense and Security Industries
JOFI@DI.DK

