



A New Reality and New Challenges in Europe

Rear Admiral (R.Sw.N. reserve) Thomas E. Engevall

C. Högg 2022

HighSpeedBoat OperationsForum

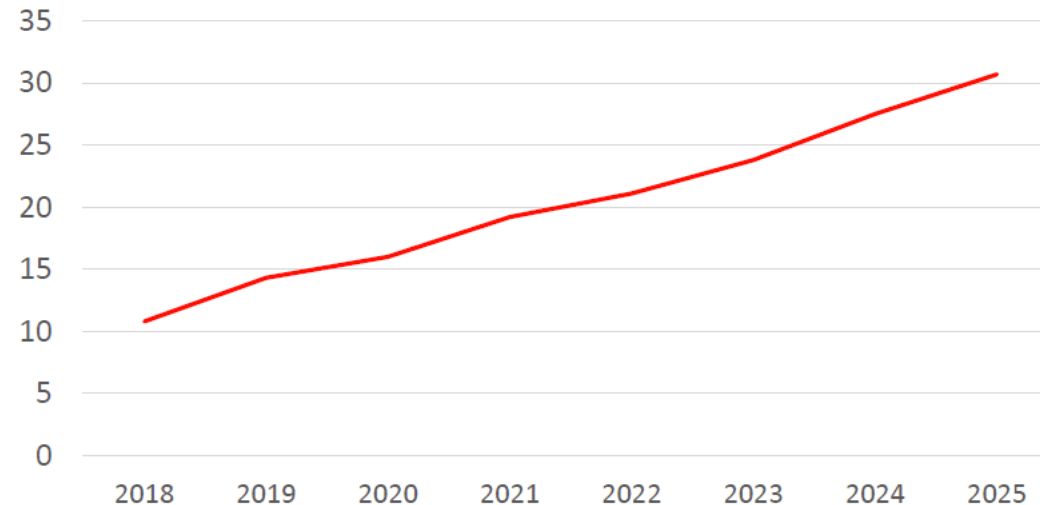
2021

Economic growth in materiel investments for Swedish Armed Forces

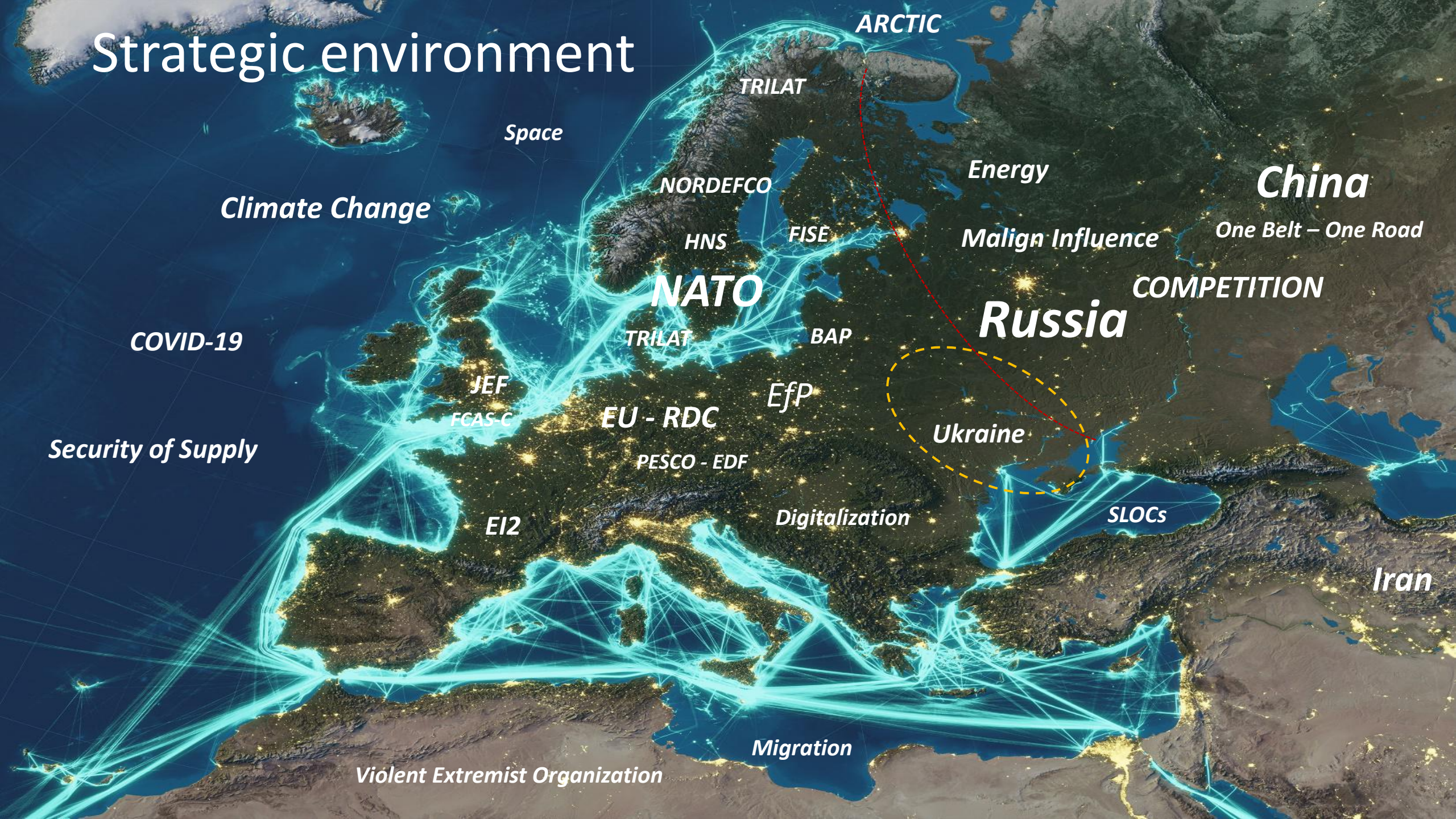


Current and Future Requirements for Amphibious Capabilities

RADM Thomas E. Engevall
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Strategic environment



Swedish Armed Forces turn January 2022



Kluddniklas
@KluddNiklas

När man ser landstigningsfartyg ur
norra marinen i Östersjön



15:36 · 2022-01-17 · [Twitter for iPad](#)

When you see landing ships
from Russias Northern Fleet in
the Baltic. 17th of Jan 2022

Swedish Armed Forces turn January 2022



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Det skärpta säkerhetsläget

Kris- och krigsstab aktiv – en anpassning till läget

A photograph of a large, illuminated sign for FMV (Försvarets materielverk). The sign is dark with the letters 'FMV' in large, glowing red font. To the right of the letters is the Swedish coat of arms, also illuminated. Below the logo, the text 'Försvarets materielverk' is visible. The sign is set against a background of a brick building at night with snow on the ground.

Crises and War Staff activated – an adjustment to current situation (22nd of January 2022)

Political change during 2022 under strict unity



Former PM Magdalena Andersson with 007 & 008 onboard a Visby corvette.



Current PM Ulf Kristersson

Defence reform



- ≥ **DEC 2020 – Defence Bill**
 - ≥ Capability targets 2025 and 2030
 - ≥ Increased budget 2021-2025

- ≥ **MAR 2022 – Extra 275 million Euro**

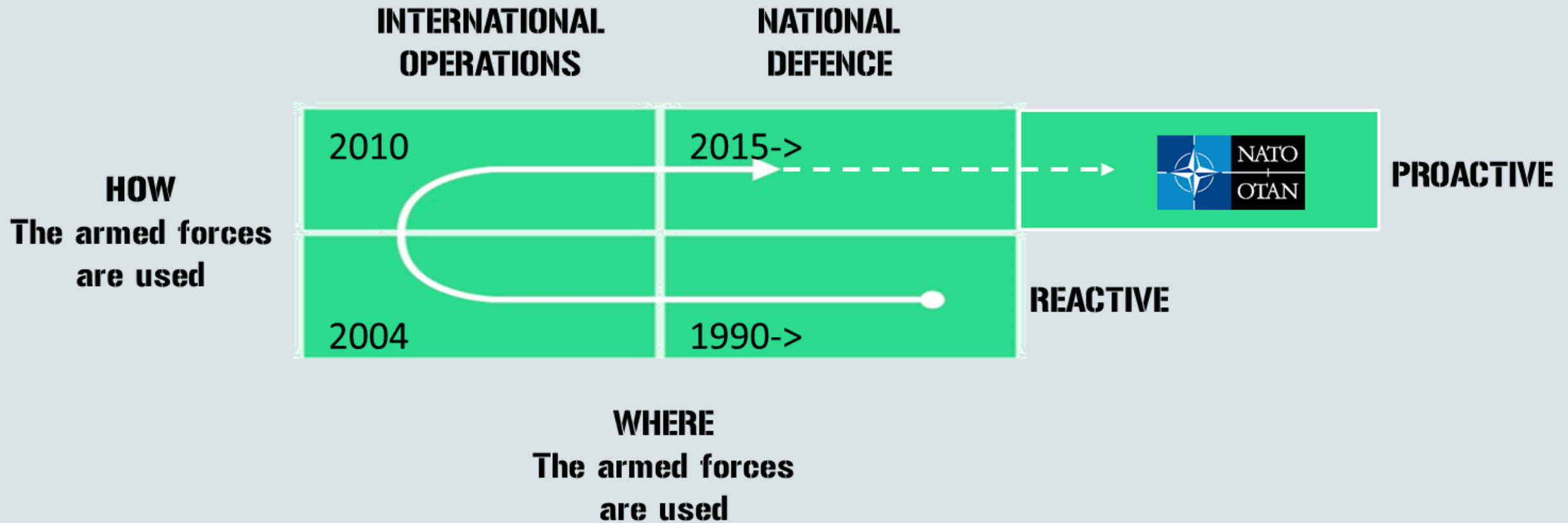
- ≥ **MAR 2022 – 2% of GDP**
 - ≥ SWE Armed Forces NLT 2028 (2026)

- ≥ **NOV 2022 – CHOD Military Advice**

- ≥ **DEC 2022-APR 2024 - Defence commission**

- ≥ **DEC 2023/2024 - Defence bill(s)**

WHERE WE COME FROM – WHERE WE ARE TODAY



CHOD Advise – 1st NOV 2022

- ≥ Russia poses a security challenge and a military threat to its immediate neighbours.
- ≥ NATO membership does not replace the need to strengthen our own defence capability.
- ≥ The defence capability needs to increase both above and below the limit of armed attack.
- ≥ A higher level of ambition than 2 % is needed.
- ≥ We will be able to reach the government's economic planning guidance (“2 %”) by 2026
- ≥ A new defence bill is needed at the latest at the turn of the year 2023/24.

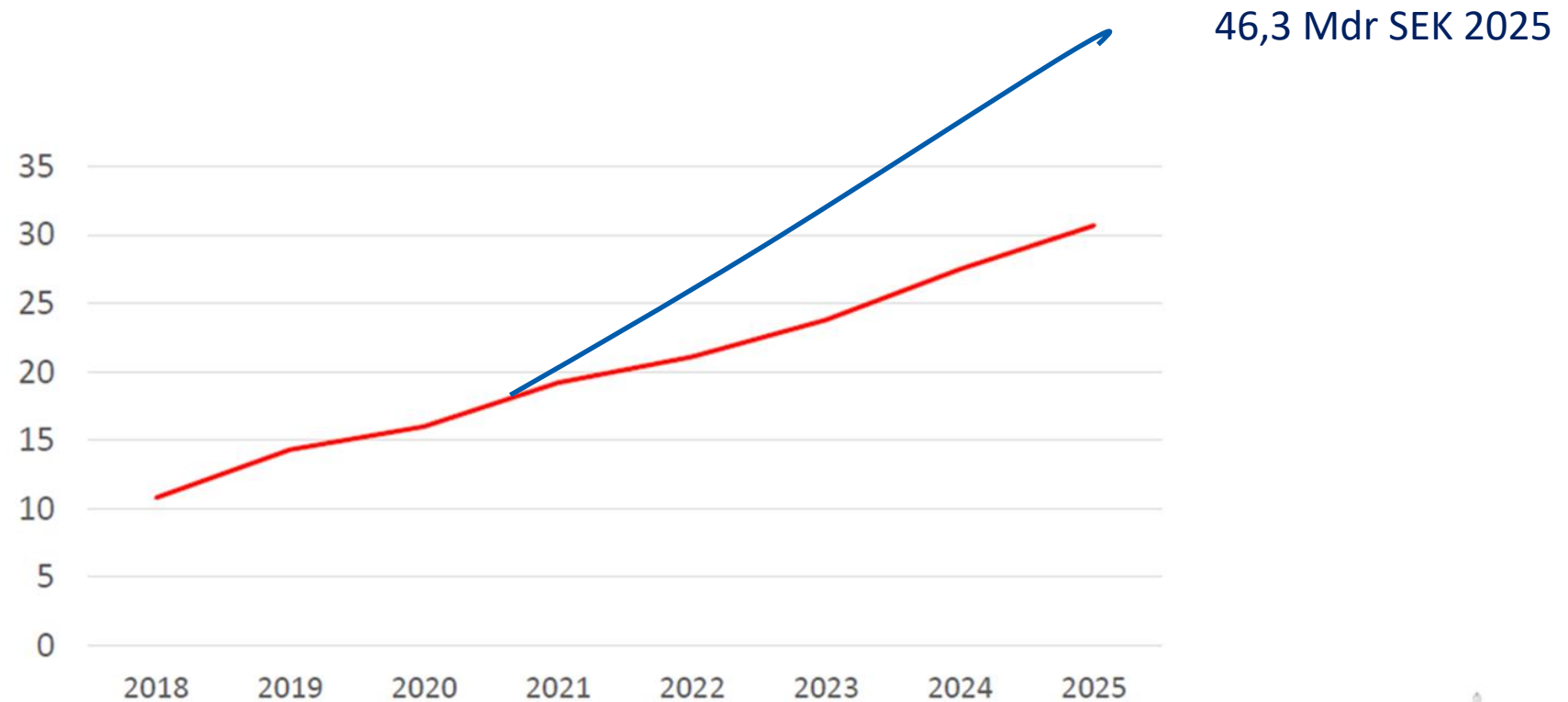


Proposed new capabilities

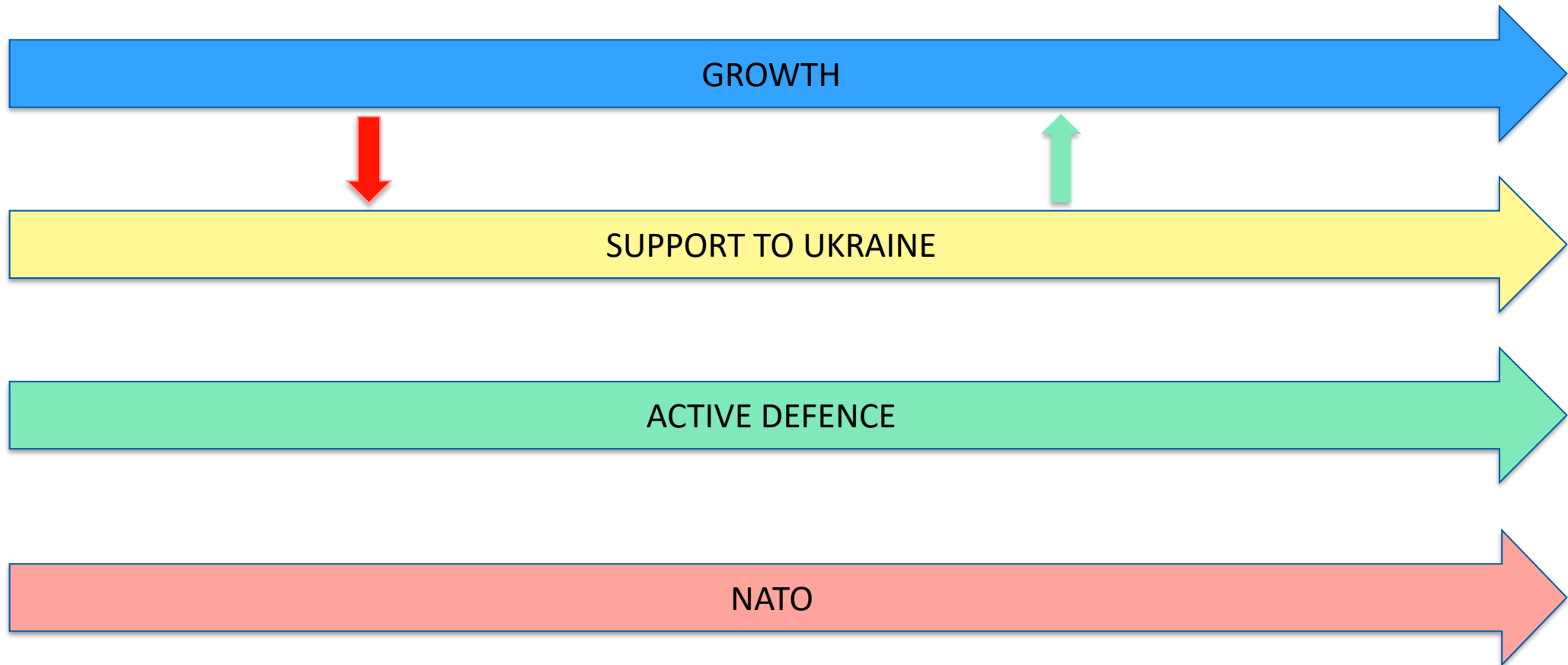
- ≥ Long-range systems
 - ≥ Long-range artillery rocket systems
 - ≥ Loitering munition units (armed UAV)
- ≥ Surface-based air defence
 - ≥ Division, brigade and naval air defence systems
- ≥ Space
 - ≥ Space situational awareness
 - ≥ Satellite launch capability
- ≥ Unmanned systems
- ≥ Additive manufacture (3D)
- ≥ Digitalisation
 - ≥ Modern IT infrastructure for collection of information and processing



Current economic growth in materiel investments



Swedish Armed Forces current lines of operation





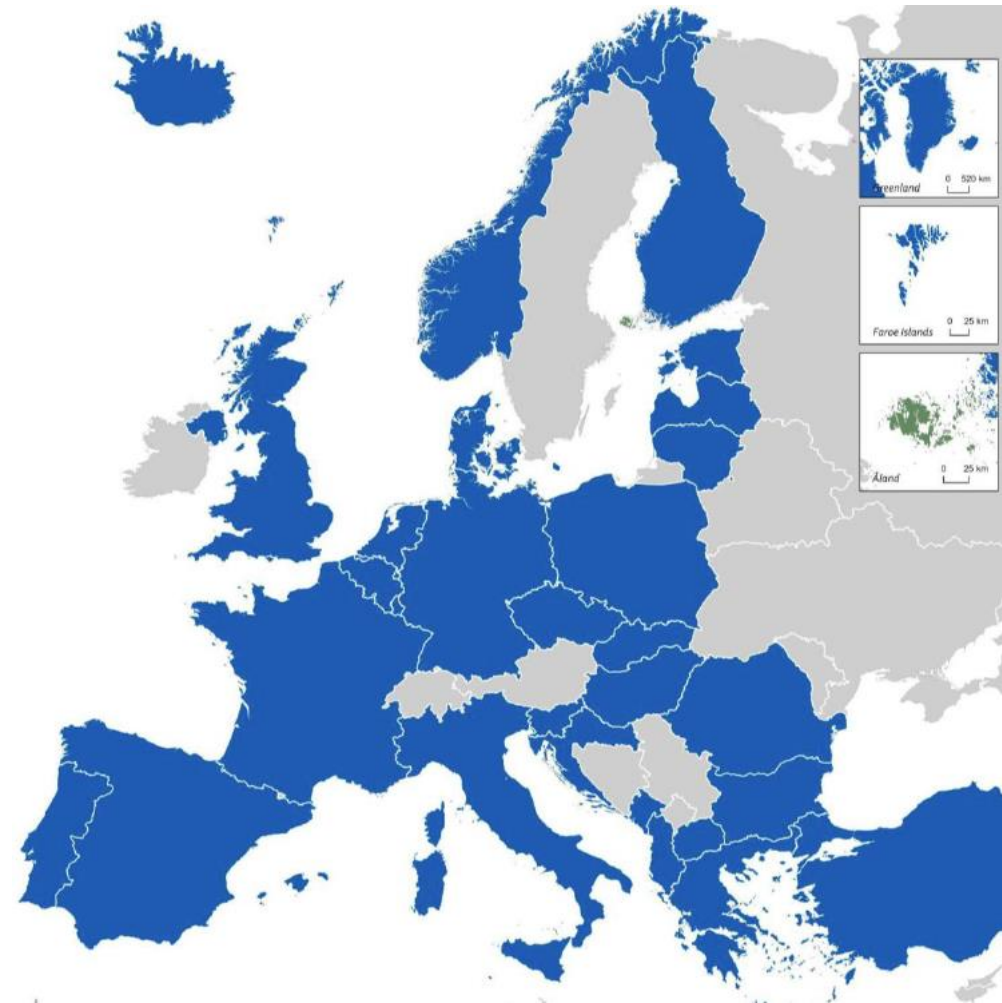
Active defence



Active defence



NATO



Effects on requirements on next class of ships

- Increased focus on air defence – next ship should be a part of NATO's integrated air missile defence (IAMD)
- Have to be able to be integrated into NATO standing naval force structure
- Operational area – the Baltic is still priority, but the ships will have to be able to operate in more open waters (i.e., the North Sea etc.)
- Strict demands on delivery time 2+2 (until/after 2030)

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- Strict demands on delivery time 2+2 (until/after 2030)
- Slightly larger ship
- Steel hull/composite superstructure
- Adapted level of stealth
- Built abroad due to shipyard capacity/competence/experience
- A high degree of Technology Readiness Level (TRL) on all systems/subsystems
- Still high compatibility with Visby MLU

Thank you for your attention

