Patria

Development of Defence Capabilities – Where is the Focus?

Aalto-yliopisto 04.10.2022

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Mission

Patria

We give our customers confidence in all conditions.

Vision

We give our customers confidence in all conditions

- New production
- Availability and useability
- Lifecycle support
- Training and user support
- Mobility including weapons systems
- C5ISTAR incl. surveillance and observation

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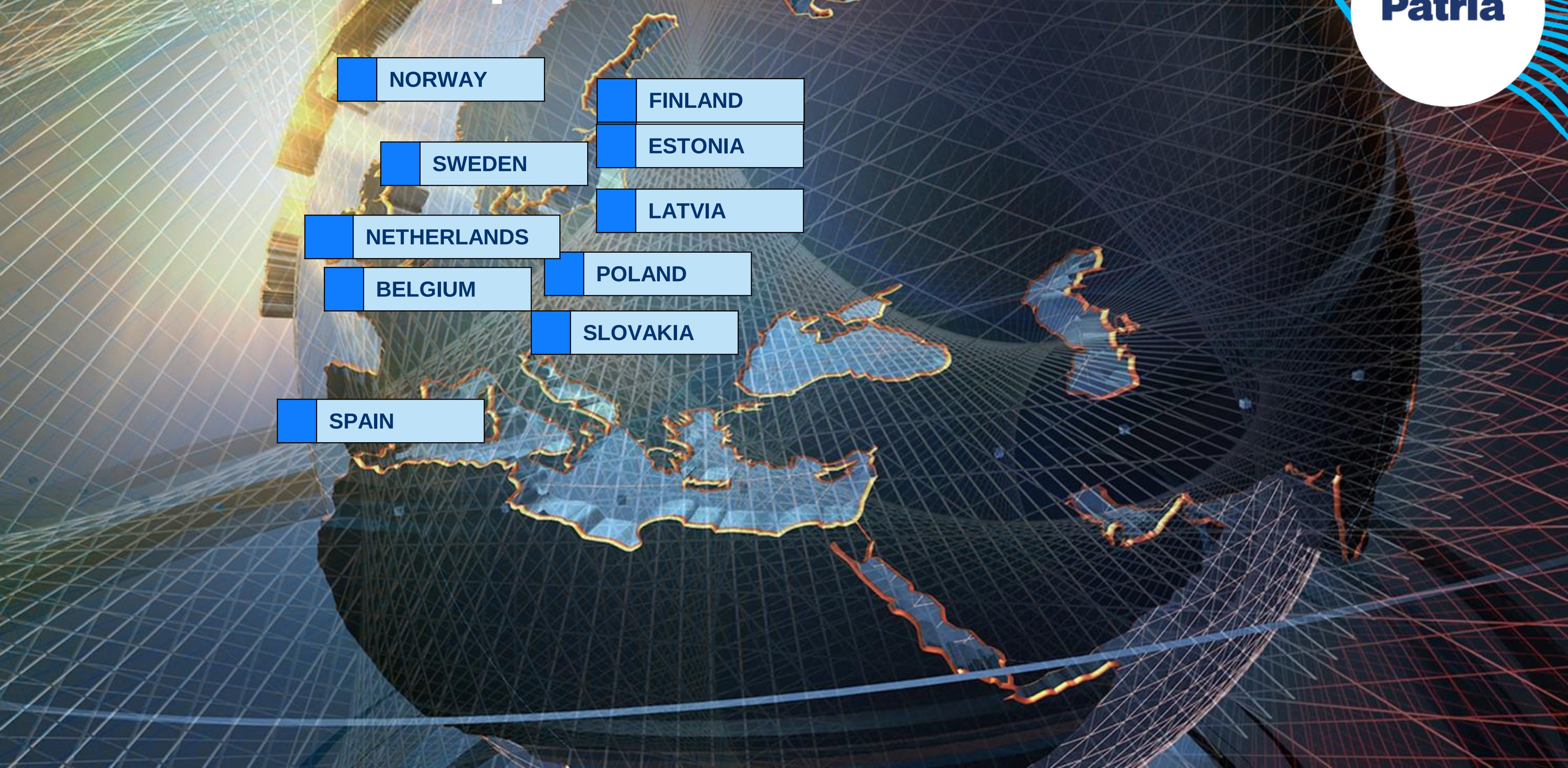
Patria in Europe



Patria's offering, examples

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A few learning points from Ukraine

1. Scenarios of “modern warfare” have proven out to be wrong
2. Land forces have a key role
3. EW capabilities have been exaggerated
4. Long-range kinetic capabilities crucial
5. Anti-tank and armored vehicle deterrence capabilities need to be ramped up
6. Securing availability of ammunition
7. National security of supply is key

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Capability development priorities

1. Availability of ammunition incl. artillery, small caliber and anti-tank -> stockpiling
2. Operational condition and deployment time of existing equipment
3. Procuring additional material with existing standards -> more of the same
4. Modifying and upgrading existing equipment
5. Procuring new capabilities

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New capabilities to be procured and developed

1. ER ammunition
2. APCs and HAPCs
3. IFVs
4. MBT enhanced capabilities
5. C5ISTAR
6. Hypersonic
7. Underwater
8. Cyber

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What has already happened?

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1. Defence budgets increased throughout Europe
2. Ammunition manufacturing ramped up and additional investments ongoing
3. EDF joint program funding is speeding up
4. Price/performance ratio together with delivery times deciding factor
5. Modernization of fleets progressing rapidly
6. Decision-making has sped up
7. EU/US/Allied cooperation on a historical level

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Defence budget examples for 2022 (M€)

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	2022 base line	2022 now
Finland	5.103,5	ca. 5.800 (+2.200 ’23-’26)
Sweden	7.430	ca. 7.730
Norway	7.590	ca. 7.920
Germany	est. 58.000	est. 80.000 (of +100.000)
Estonia	748	est. 1.224
Latvia	758	2,5 % of GDP in 2025
Lithuania	803	ca. 1.400
Slovakia	est. 2.000	Min 2 % of GDP

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Possibilities and challenges

- Possibilities
  - Defence capability and economical win-win
  - Faster decisions
  - Interoperable -> interchangeable / identical
  - Advantages of scale
  - Increasing R&D investments
  - New and strengthening partnerships

- Challenges
  - Availability of components and raw materials
  - Inflation
  - Capacity needs
  - Availability of work force
  - Protectionism

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Thank you

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