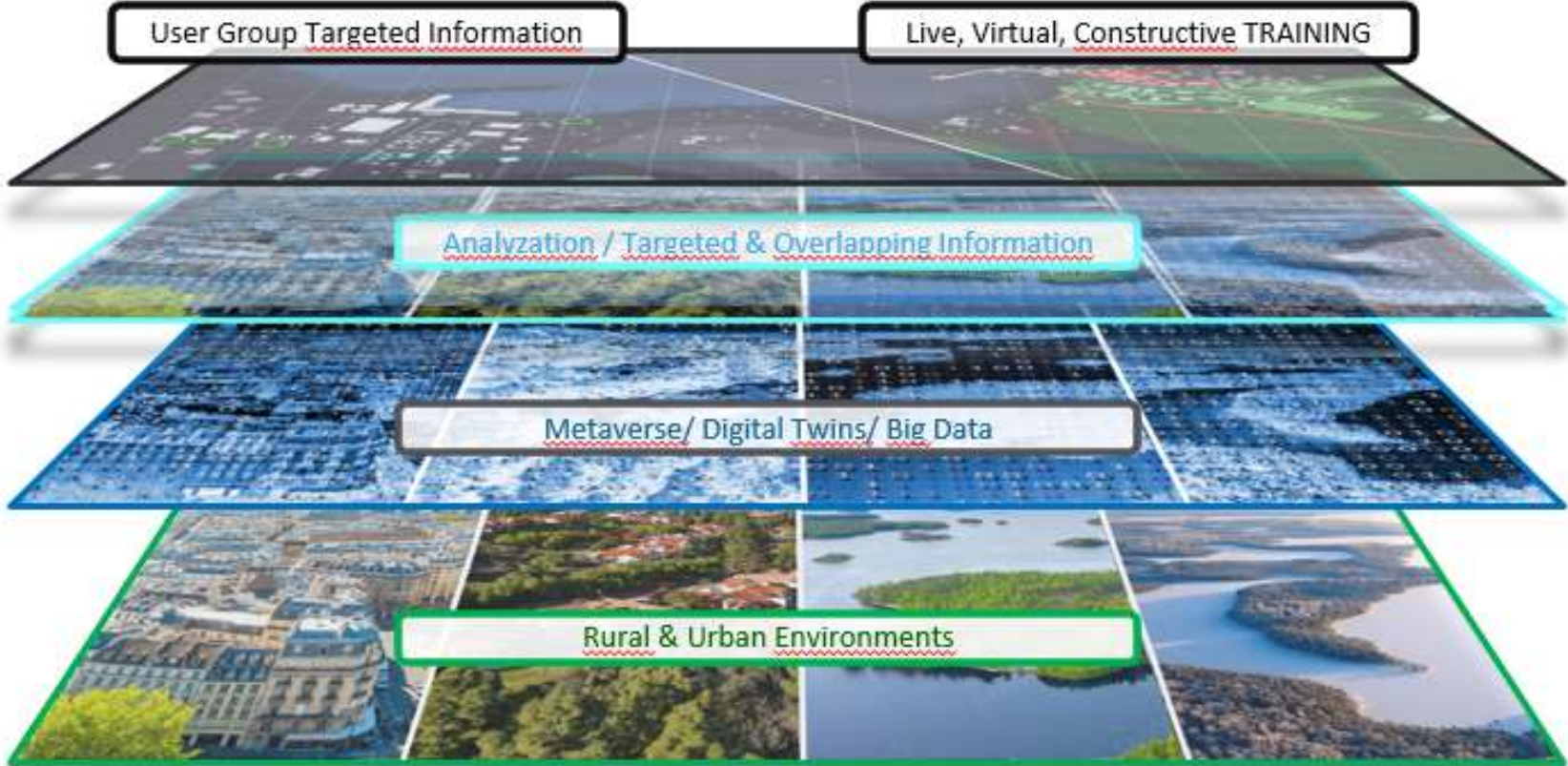


The eALLIANCE ecosystem for more secure societies

Patria

The ecosystem led by Patria will develop advanced digital mobility platforms for enhanced data sharing



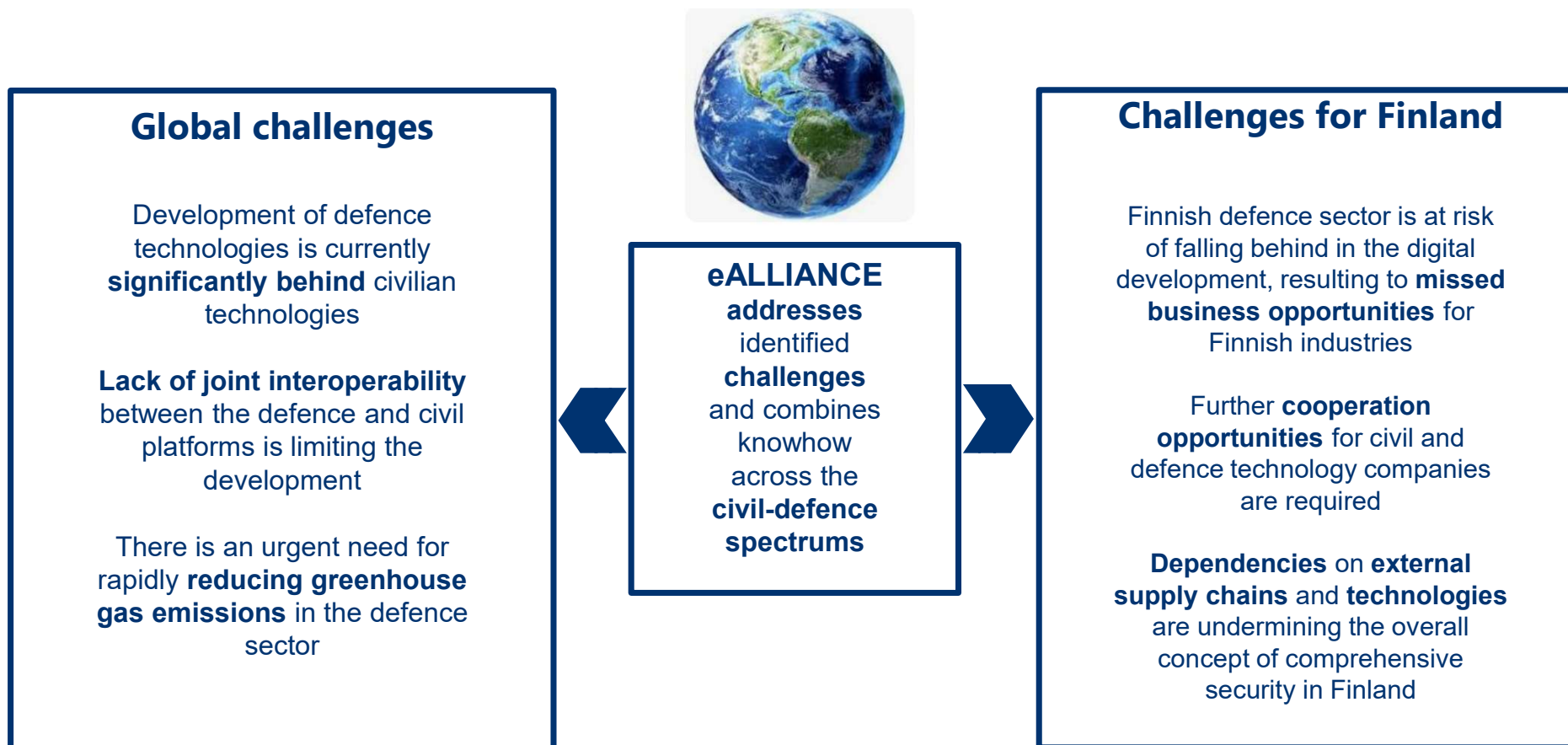
The eALLIANCE ecosystem for more secure societies

- The eALLIANCE ecosystem will develop and integrate digital solutions across civil, security and defence technologies for introducing disruptive technologies for highly integrated mobility platforms.
- It will combine civil and defence knowhow in the digital technologies for increased interoperability, efficiency and GHG savings in the defence sector, generating new turnover.



eALLIANCE mission
is to integrate disruptive digital solutions across civil, security and defence technologies for more secure societies.

eALLIANCE provides solutions to global challenges

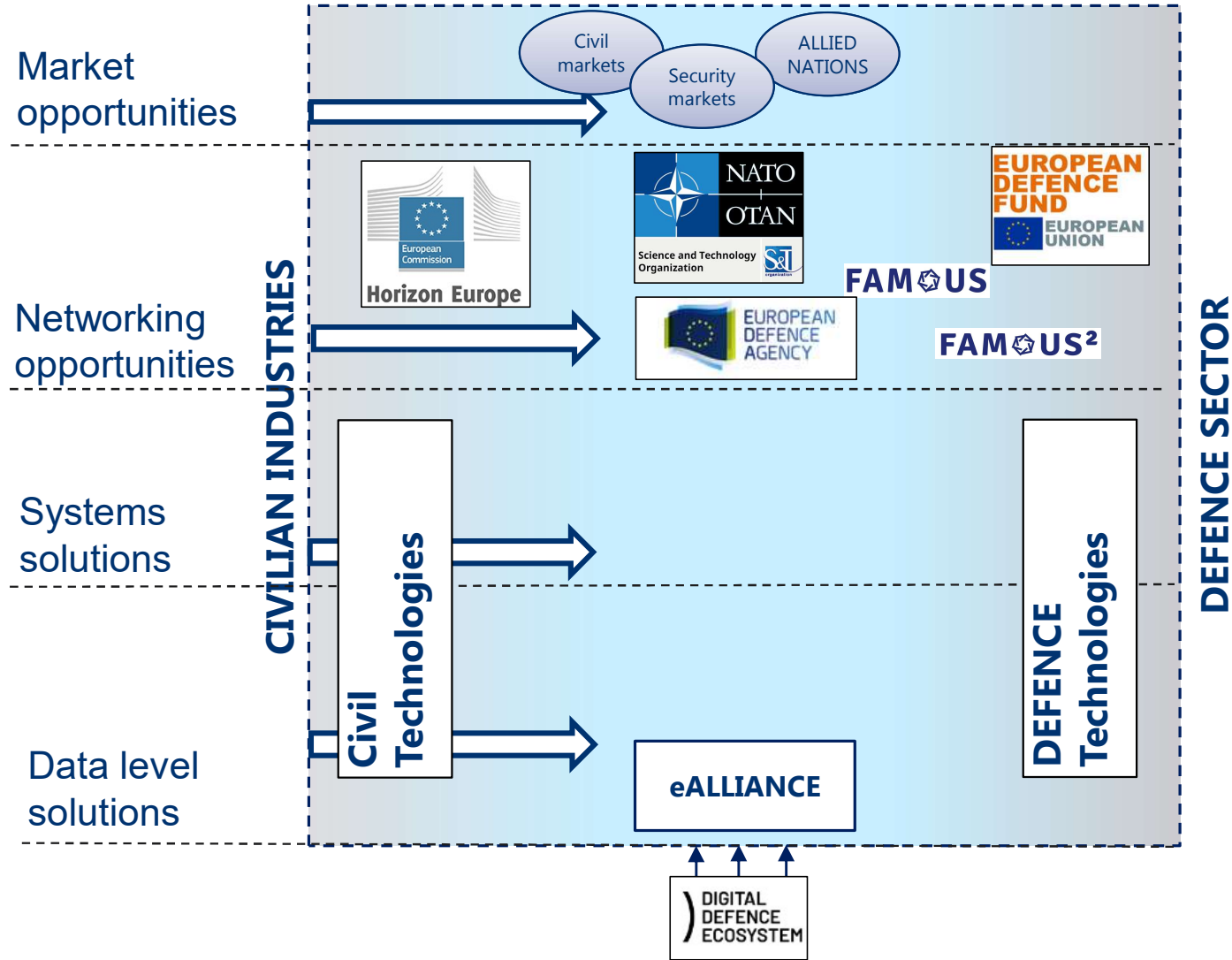


eALLIANCE's overall impact is explored on four levels

Patria

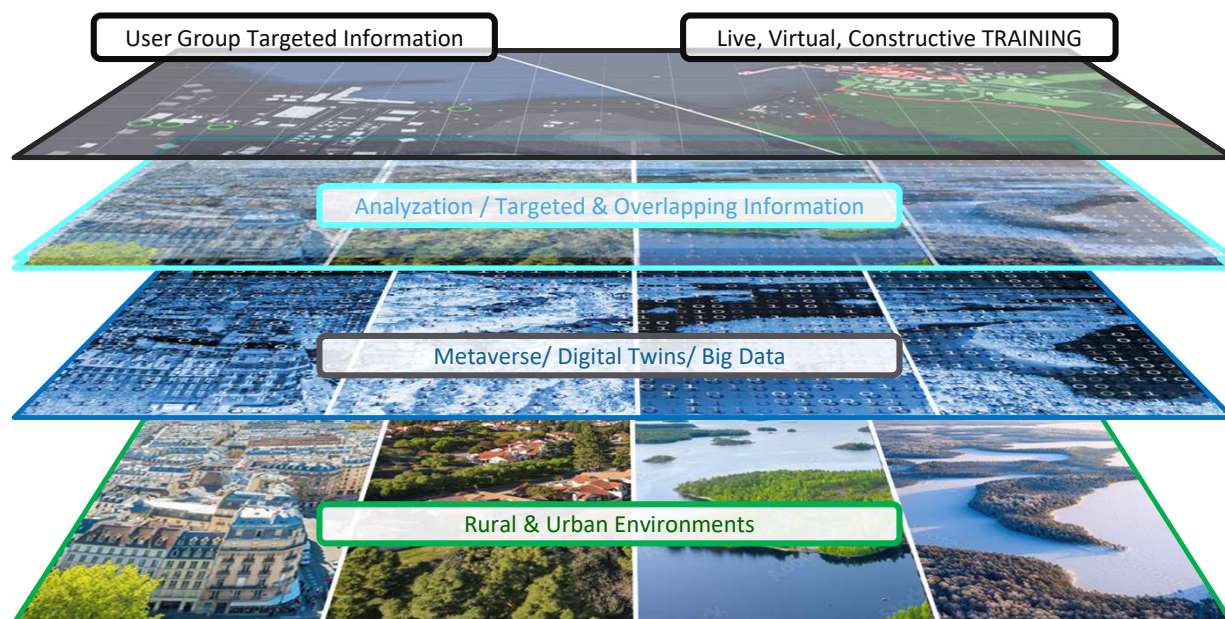
eALLIANCE will help to **bridge** the technology **gap** between **civil industries** and the **defence sector** in Finland.

The impacts will be explored on several levels, from **data level** all the way to domestic and **international market opportunities**.



eALLIANCE develops solutions for holistic metaverse

Patria

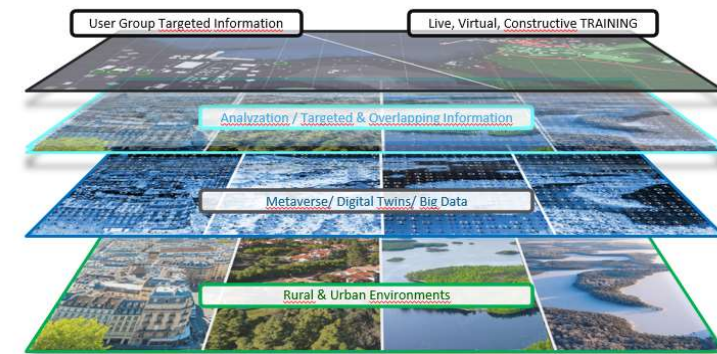


The result of the collaboration between Patria and partners in eALLIANCE:

Integration of different platform systems and multiple data sources into a **metaverse** for advanced data sharing and processing, enabling **convergence** of systems

The key objectives of eALLIANCE

- Bring forth a digital systems-of-systems concept that enables tailored solutions, integrating emerging and disruptive technologies with existing solutions.
- Introduce ways to increase the sustainability of military platforms by introducing new digital solutions, simulation environment and vehicle performance & usage optimization methods.
- Provide a unique ecosystem for creating digital platforms enabling agile digital integration of multiple mobility solutions on both civil industries and the defence sector - a first of its kind in Finland and internationally.
- Promote Finnish state-of-the-art knowhow and result-oriented approach for international defence exports.
- Introduce innovative SMEs to the defence sector and defence projects, which are traditionally difficult to enter from the outside.



eALLIANCE roadmap 2024 - 2028

Patria

Technology and use cases

Holistic metaverse platform definitions
(Use cases, architectures, applications, interfaces & standards)

Technology enablers

Data collection
(Sensors, unmanned land & areal vehicles architectures, connectivity, data storage)

Advanced data analytics
(Edge computing, AI, HMI, Data management & protection, simulations)

Platforms

Developing Defined Metaverse Platforms & Concepts

Demonstrating Defined Metaverse enabled capabilities

Ecosystem leadership

2024

2025

2026

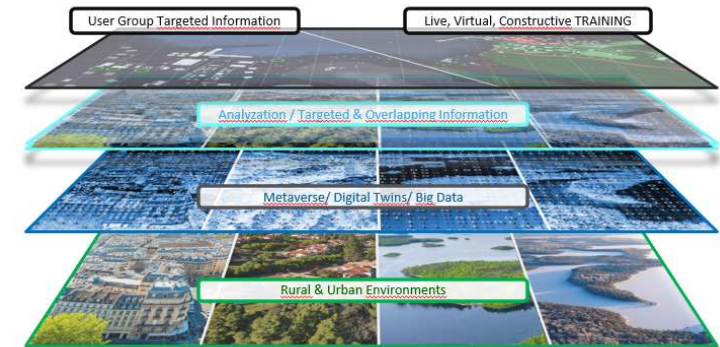
2027

2028+++

Key benefits of the eALLIANCE programme

eALLIANCE will

- Be an ecosystem with over 30 partner companies.
- Bring together large established companies and agile SMEs in developing.
- Enable nearly 200 M€ increase in combined R&D expenditure for the ecosystem partners.
- Improve the possibilities of the Finnish companies to enter international defence markets and create opportunities for international export.
- Create innovative digital solutions for defence and dual-use applications including various technologies such as virtual twins, user interfaces, metaverse and live-virtual-constructive environments, fleet management and optimization, AI, edge computing as well as 5G and 6G.



Further information

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Thank you!