



To whom it may concern

20. February No 0.7-4/26/8

### Letter of Intent

Estonian Military Academy expresses its support for the proposal submitted by the Institute of Technology, University of Tartu, under the EIC Advanced Innovation Challenge (HORIZON-EIC-2026-AIC-01) on Accelerating Physical AI.

The operational environment for defence and civil security has changed significantly in recent years due to the rapid proliferation of unmanned aerial systems, AI-enabled surveillance, and multispectral sensing technologies. Traditional camouflage and protective solutions based on prefabricated materials are increasingly insufficient against these advanced detection methods. At the same time, operational units require faster deployment, reduced logistical burden, and safer methods for establishing temporary protection in dynamic and uncertain conditions.

The Physical AI-based approach proposed by the University of Tartu introduces a novel capability that addresses these needs directly. The ability to autonomously generate adaptive protective and concealment structures on site, rather than transporting and manually deploying fixed materials such as nets, has the potential to improve operational flexibility, reduce preparation time, and decrease personnel exposure during setup. From Estonian Defence Forces perspective, such systems are particularly relevant for field operations in terms of deception, force protection, and dispersed operations where mobility and concealment are essential.

We consider this technology promising for both concealment effectiveness and broader temporary protection applications, namely, the creation of rapidly deployable nets as passive defensive measures against surveillance and physical attacks from small drones.

If the project is funded, the Estonian Military Academy is willing to contribute from an operational and evaluation perspective. In particular, we are prepared to:

- support definition of relevant operational use cases and testing scenarios;
- assist with visible and infrared performance assessment using available measurement capabilities;
- provide structured feedback regarding deployment procedures, safety, and operational suitability, including logistical perspectives.

Our role would be to provide objective validation and user-oriented evaluation to determine the technology's readiness and relevance for real-world applications.

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We view this project as aligned with the need for innovative, resilient, and adaptable physical protection solutions and support its further development and testing.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Seljamaa', written in a cursive style.

Johan-Elias Seljamaa  
Captain (N)  
Commandant of the Estonian Military Academy  
Estonian Defence Forces