

ACCELERATING RESEARCH-BASED INNOVATION IN BORDER MANAGEMENT

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MAIN GOAL

The project focuses on strengthening research-based development capacity in border management.

CONTENT

The research examines:

- mechanisms and methods for collecting and applying knowledge in border management;
- factors and criteria that support faster, higher-quality, and more adaptable development processes;
- opportunities to accelerate innovation through scientifically grounded practices.

A practical test solution will be developed to automatically analyse drone-collected visual data from border incidents. This tool will automate the creation of standardized incident scene diagrams, reducing manual work and supporting faster operational decision-making.

PROJECT TEAM

Estonian Academy of Security Sciences

Estonian Police and Border Guard Board

University of Tartu
Institute of Computer Science

EXPECTED RESULTS

The project will create practical, research-based insights that help make development processes in border management faster, more efficient, and better aligned with real operational needs. By building a clearer understanding of what enables successful innovation in this field, the project establishes a scalable foundation that future development initiatives can easily build on. The outcomes will be tested through close cooperation between the Estonian Academy of Security Sciences and the Police and Border Guard Board.

