



An ITEA Security and Safety project

SINTRA

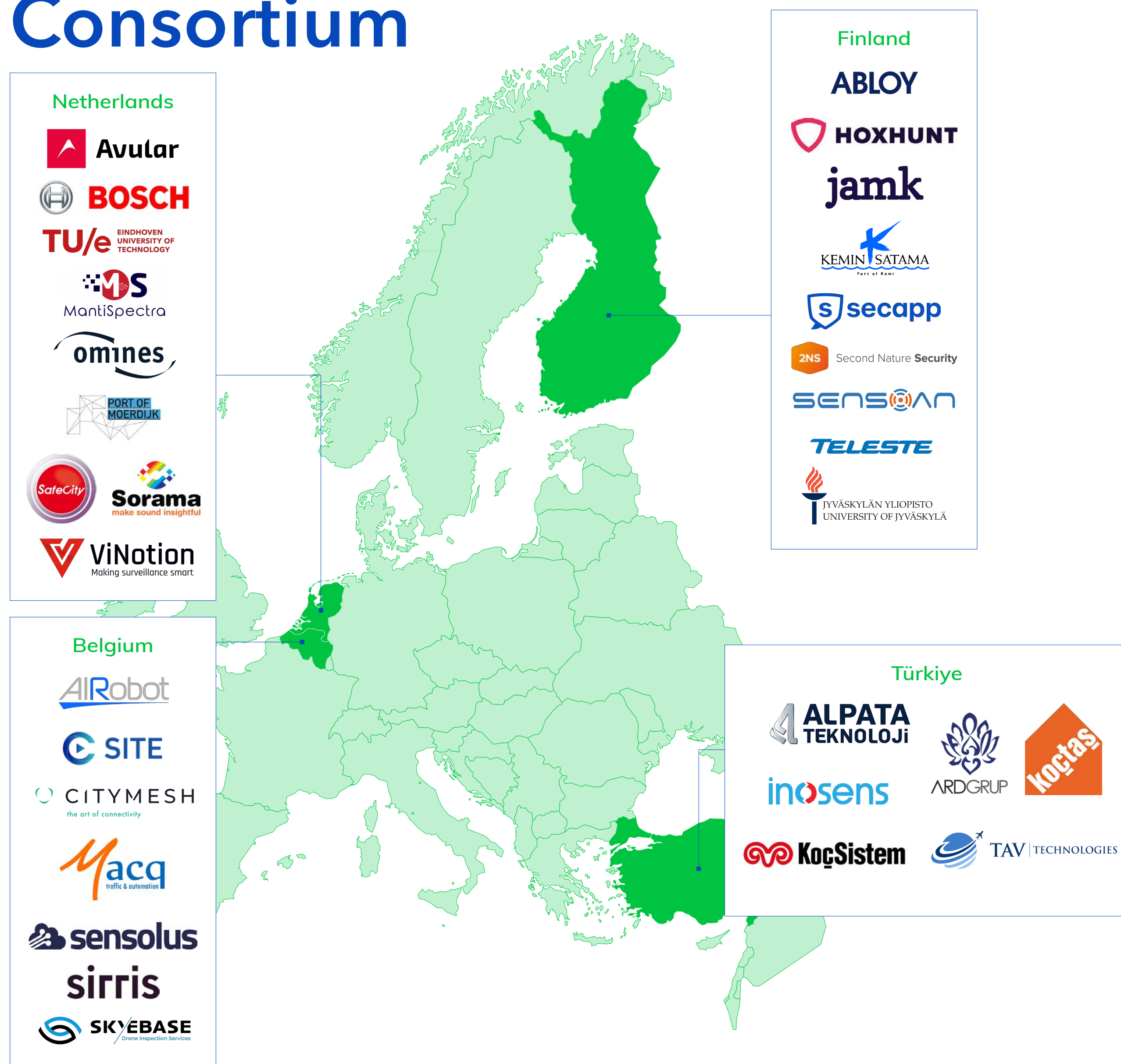


Security of Critical Infrastructure
by Multi-Modal Dynamic Sensing and AI

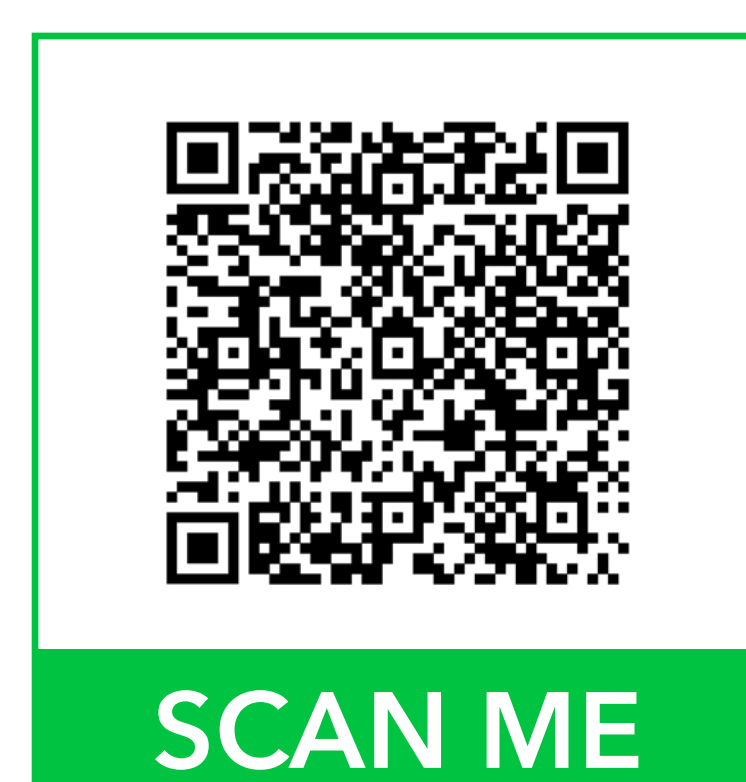
Project summary

Stakeholders of critical industrial and civil infrastructure frequently suffer from the disruptions caused by an overwhelming diversity of man-made physical safety and security threats. SINTRA aims to improve the resilience and protection of these critical infrastructures by developing an open data-streaming AI platform that enables interoperability, information sharing, and privacy protection. Using multi-modal sensing and AI-powered data analysis, it will provide a comprehensive view of the infrastructure's safety and security and detect complex anomalies.

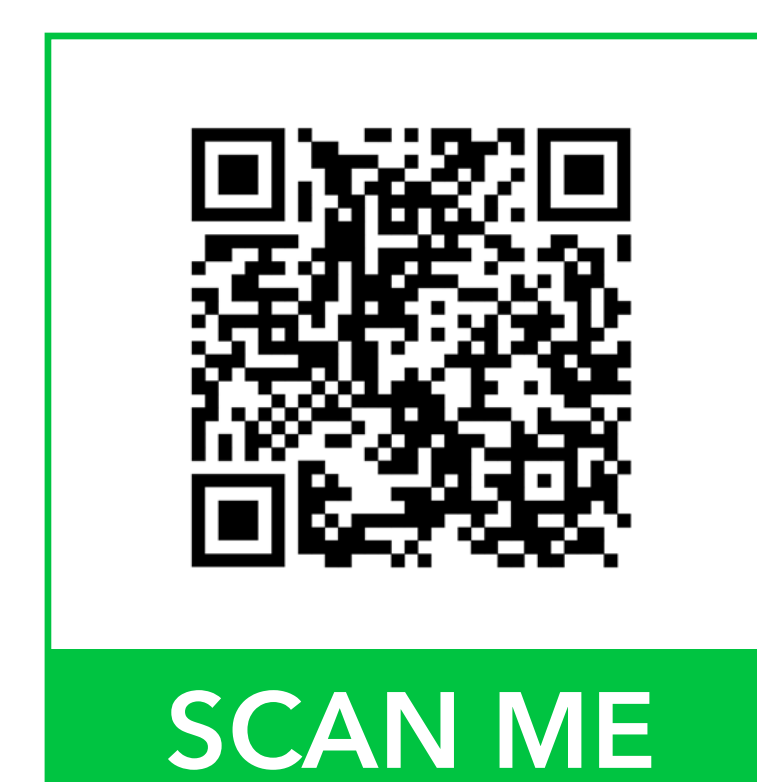
Consortium



Leaflet



Website



itea4.org/project/sintra.html

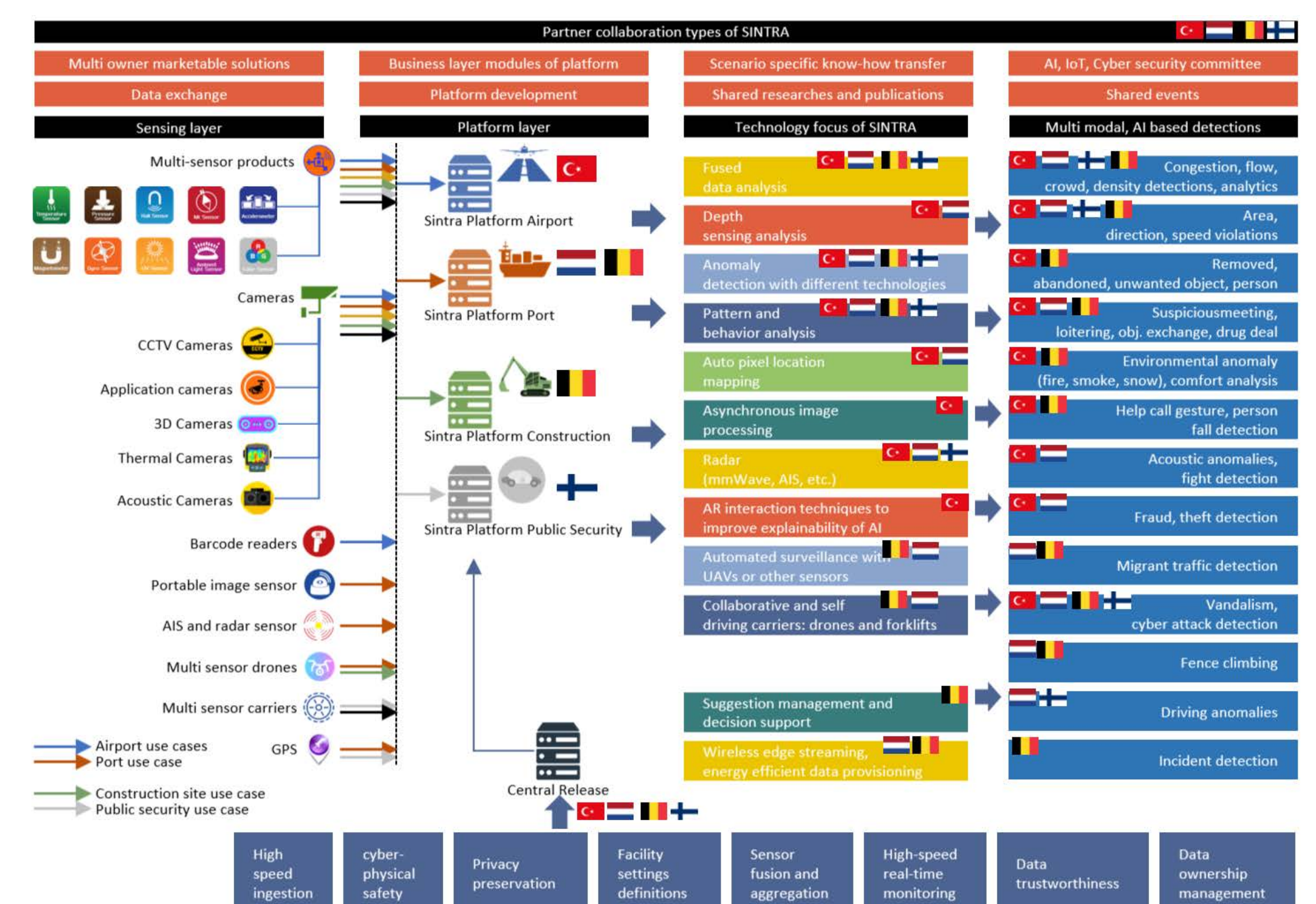
Project duration

January 2024 - December 2026

Expected key results

- Establishment of the methodology for privacy-preserving AI-based security systems will enable large-scale business growth in this domain
- The plug-and-play SINTRA platform will help to reduce the partner maintenance and technology upgrade costs
- The project results allow partners to enter the opening market of full-fledged security and monitoring solution

SINTRA Project Overview



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