A Finnish robotics / UGV startup is looking for partners for co-development, piloting or research.

Summary

Profile type	Company's country	POD reference
Technology offer	**Finland**	**TOFI20250909016**
Profile status	**Type of partnership**	**Targeted countries**
PUBLISHED	**Research and development cooperation agreement**	**• World**
Contact Person	**Term of validity**	**Last update**
Enrico FRANZIN	**12 Sep 2025** **12 Sep 2026**	**12 Sep 2025**

General Information

Short summary

A Finnish startup developing modular unmanned ground vehicles (UGVs) for tough environments is seeking partners for research, co-development or piloting. The vehicles are designed in different sizes for various missions, focusing on robotics, sensors, simulation, and dual-use defence applications. Their concept is economical, scalable, and adaptable for both civilian and defence use.

Full description

The company is a pre-seed Finnish robotics start-up designing modular unmanned ground vehicle (UGV) platforms optimized for harsh environments and rugged off-road terrain. The design combines a innovative mobility system and modular payload architecture.

The platform is designed to be available in different sizes to support diverse missions, from logistics and infrastructure maintenance to rescue, border support, and security operations. Modularity ensures flexibility, while an economical design philosophy makes the vehicles cost-effective compared to competitive solutions.

Company is interested in partnerships for:

Research – concepting and researching capabilities, advancing autonomy, sensing, simulation, and dual-use

technologies.

Co-development – integrating innovative hardware or software solutions into our modular platform.

Piloting – testing in real-life environments with end-users to solve practical challenges such as last-mile logistics, rescue support, or critical infrastructure operations, and many others.

Company's long-term vision is to deliver modular, adaptable, and economical UGVs that enhance safety, efficiency, and resilience in both civilian and defence contexts.

The company is open to collaboration under European and national research and innovation programmes, as well as direct co-development with companies in the fields of robotics, dual-use technologies, mobility, AI, and simulation.

Advantages and innovations

Novel Arctic mobility concept: Focused on developing architectures capable of operating in snow, ice, and rugged terrain, addressing an under-explored gap in UGV research.

Cost–performance potential: Economical design philosophy aims to deliver higher payload-to-cost efficiency than conventional UGV solutions.

Modular payload system: Designed for rapid, tool-free swapping of mission modules (e.g. logistics, surveillance, rescue), supporting flexible research into multi-mission adaptability.

Scalable design roadmap: Concept can be adapted to different sizes and missions, from small-scale logistics support to heavy-duty border or infrastructure operations.

Dual-use orientation: Platform is conceived for both civilian and defence contexts, creating synergies between municipal services, rescue, and security applications.

Research & validation: Early prototype enables iterative testing in real-world conditions, generating data for further research into mobility, autonomy, and reliability.

Technical specification or expertise sought

Stage of development

Under development

Sustainable Development goals

- **Goal 15: Life on Land**
- **Goal 10: Reduced Inequality**
- **Goal 13: Climate Action**
- **Goal 17: Partnerships to achieve the Goal**
- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 12: Responsible Consumption and Production**
- **Goal 11: Sustainable Cities and Communities**

IPR Status

No IPR applied

IPR Notes

IPR Notes

Partner Sought

Expected role of the partner

Research: joint development of enabling technologies.

Co-development: adapting and integrating partner technologies into the UGV platform.

Piloting: hosting field trials and validating use cases in real-world environments.

The company is open to partnerships with SMEs, research organisations, universities, and larger companies, where collaboration brings added value to innovation and validation of solutions.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **University**
- **SME <=10**
- **SME 50 - 249**
- **SME 11-49**
- **Big company**
- **R&D Institution**

Dissemination

Technology keywords

- **02008005 - Road Transport**
- **01001001 - Automation, Robotics Control Systems**
- **02008003 - Logistics**
- **01002004 - Embedded Systems and Real Time Systems**
- **01001002 - Digital Systems, Digital Representation**

Market keywords

- **02003 - Specialised Turnkey Systems**
- **03002 - Batteries**
- **08002004 - Robotics**
- **02007007 - Applications software**
- **02007004 - Program development tools/languages**

Targeted countries

- **World**

Sector groups involved