

PARTNER INTEREST

Seeking to join Horizon Europe Cluster 3 consortia as a practical education, training, testing and demonstration partner.

- Partner role only; not seeking coordination.
- Best placed in pilots, validation, training, demonstration, dissemination and user-feedback tasks.
- PIC: to be confirmed.

ORGANISATION

Name: Techno TLN / Tallinna Tehnoloogiakolledž

Type: Vocational technology school, Estonia

Location: Tallinn, Estonia

Website: techno.ee

Techno TLN delivers practical technology education, technology-integrated secondary education, vocational and continuing training. Wider competences include robotics, industrial technology, digital systems, logistics and construction-related skills.

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KEYWORDS

unmanned systems; drones; UGV; robotics; training; validation; situational awareness; critical infrastructure; education; Estonia

WHAT WE BRING TO A CONSORTIUM

A practical Drone Academy environment for scenario-based learning, piloting and validation of unmanned systems. We are not a research university; our value is hands-on implementation, training, user feedback and realistic adoption pathways.

~1,500 m ² indoor training/lab/testing spaces	UAS + robotics flight zones, drone lab, ground robots	5 specialists field team for drone operations, robotics and training	12–24 / 30–60+ training group / demo capacity
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FACILITIES AND CAPABILITIES

- Indoor drone flight and safety zones for training, mission rehearsal and controlled demonstrations.
- Drone maintenance, calibration and payload/sensor preparation lab.
- Simulation and mission-planning workstations; future virtual training / digital-twin use cases.
- Multimedia, video wall / projection and event-friendly demonstration spaces.
- Ground-robot and autonomous-vehicle areas for UGVs, robot dogs, humanoid/assistive robots and competition tasks.
- Practical workshops for prototyping, 3D printing, electronics, charging, tools and repair.
- Links to robotics, industrial technology, logistics and construction competences.
- Capacity to involve learners, instructors and external stakeholders in user validation.

BEST-FIT CLUSTER 3 CONTRIBUTION AREAS

- Responsible and secure use of drones and unmanned systems in civil-security contexts.
- Training and validation for first-responder support, situational awareness and infrastructure inspection.
- Countering misuse of drones through awareness, training scenarios and demonstrations.
- Testing educational and practitioner-facing tools before field deployment.
- Human factors, usability, adoption learning materials and skills development.
- Estonian/Baltic pilot and dissemination route through vocational education and cooperation networks.

Looking to participate at HORIZON-CL3-2026-01-BM-01; HORIZON-CL3-2027-01-INFRA-01; HORIZON-CL3-2026-01-DRS-03

POTENTIAL PROJECT ROLES

- Pilot site for training modules, exercises, demonstrations and user testing with students, instructors and external stakeholders.
- Co-development of scenario-based curricula, workshop formats, safety procedures and practical learning materials.
- Applied validation partner for drones, UGVs, robotic tools, sensor workflows, mission planning and training simulators.
- Estonia-based dissemination and exploitation partner.

EXPERIENCE AND COOPERATION BASE

Techno TLN has no direct Horizon Europe beneficiary track record yet. Staff and network members have contributed as experts/specialists in city, resilience, digital-simulation and infrastructure-related project environments, including AURORA and PRECINCT-related contexts. The school cooperates with private-sector companies, other vocational schools and relevant public-sector contacts in Estonia.

Simple partner offer: practice-driven, Estonia-based unmanned-systems training and validation capacity for Horizon Europe consortia.