

Intelligent technology for safer, smarter communities

OXTEND is a technology company from Tetovo, North Macedonia. We build IoT, extended reality and AI solutions for emergency management, education and public services, and bring them to life in EU research and innovation projects.

WHO WE ARE

From research to working systems

Founded as MARSECO DOO Tetovo and now operating as OXTEND, the company began at the SEEU Tech Park. Our founders combine academic research with product engineering: they have led EU-funded projects in their academic roles and have built software that companies and institutions use every day.

Legal name	OXTEND (formerly MARSECO DOO Tetovo)
PIC	901028345
Country	North Macedonia (Horizon Europe associated country)
Type	Private company, SME
Location	Tetovo, North Macedonia
Contact	info@oxtend.com · oxtend.com

EXPERTISE

What we do

Emergency & crisis technology

IoT sensors, drones, thermal cameras, 3D scanning and computer vision that give responders a clear picture, fast.

Extended reality (XR)

Immersive 3D visualisation, training and collaboration for crisis centres, schools and heritage.

AI & data

Language models, retrieval, machine learning, data engineering and analytics that turn data into decisions.

Education & digital heritage

STEM learning with robotics and microcomputers; 3D scanning and immersive experiences for cultural heritage.

TRACK RECORD

Horizon 2020 beneficiary

Horizon 2020 SMART4ALL · Innovation Action · 2020–2024

Self-sustained cross-border customized cyber-physical system experiments for capacity building among European stakeholders. Within the project, OXTEND developed intelligent IoT solutions for emergency management that give responders faster, clearer information from the field.

3D scanning Computer vision Drones Thermal cameras

Edge microcomputers



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 872614.

OUR ROLE

Beneficiary (as MARSECO DOO Tetovo)

EU CONTRIBUTION TO OXTEND

€101,850

COORDINATOR

University of Peloponnese, Greece

CONSORTIUM

25 organisations, 15 countries, incl. DLR, TU Delft, FORTH

GRANT AGREEMENT

872614 · DT-ICT-01-2019

OUR PRODUCTS

Software we build and run

PROJECTGATE · AI FOR EU FUNDING

From EU call to finished proposal

- EU calls synced from the Funding & Tenders Portal, with a fit score for your organisation
- Requirement checklists built from the call documents
- AI drafting section by section, with Word export
- Shared workspace for consortium partners
- A panel of AI evaluators scores the proposal against the call's criteria

projectgate.oxtend.com

HEDEX · ACADEMIC PLANNING

From accreditation to the published timetable

- Curricula, course versions and the accreditation packet generated from templates
- Term planning: cohorts, classes and lecturer assignment by workload and language
- Timetable by hand or with the auto-scheduler, with room assignment
- Lecturers see their own teaching and export to Excel or calendar

hedex.oxtend.com · piloted at SEEU's Faculty of Business and Economics

Earlier platforms built by our team as MARSECO:

CV Manager

Applicant tracking and multi-board job publishing · 2017–2022

vYou

Video recruiting with live and recorded interviews · 2017–2022

Talents

Employee onboarding and equipment requests · 2019

Parking management

Zones, tariffs, SMS payment and ticketing · 2018–2019

LEADERSHIP EXPERIENCE

EU projects led by our founders

PROJECT	PROGRAMME	ROLE	FOCUS
DigitMak	Digital Europe · EDIH · ongoing	Work Package 2 leader	AI-focused European Digital Innovation Hub for North Macedonia
C.A.R.E. XR	Horizon Europe · CORTEX2 open call · 2024–2025	Project lead	XR, IoT and ML/NLP for incident command, with North Macedonia's Crisis Management Center
FOSTEM	Erasmus+ KA201 · 2020–2022	Project lead	STEM education with robotics, 3D printing and microcomputers

These projects were carried out by the founders' institutions, such as South East European University.

IN CONSORTIA

Roles we take

Technology developer Pilot partner
Prototype builder Western Balkans partner
Training & dissemination

PROGRAMMES

Where we apply

Horizon Europe · Cluster 3 Horizon Europe · Cluster 4
Digital Europe Erasmus+ EIT Interreg IPA
Cascade open calls

TECHNOLOGIES

What we build with

Python · FastAPI · React · TypeScript · .NET (C#) · PostgreSQL · Redis · OpenAI models and retrieval · Docker · GitHub Actions · Azure · AWS · Google Cloud · WebXR · A-Frame · Raspberry Pi · Arduino · drones and thermal imaging · Power BI

Planning a proposal?

Send us the call ID and your idea. We join as technology developer, pilot partner or Western Balkans partner.

info@oxtend.com