ERASMUS+ 2027 · THEMATIC PROFILE 30 OF 35

Disaster Risk and Societal Resilience

Partner Identification Form · Ankara Yıldırım Beyazıt University (AYBU), Türkiye

Why include AYBU in your consortium? Data-based preparedness: digital twin decision support, risk analysis and civil defence training. AYBU is a public university in Ankara with an Erasmus Charter for Higher Education and 28 Erasmus+ cooperation projects in the Commission's project database since 2014, 17 as coordinator. One contact for every thematic profile: Assoc. Prof. Dr. Musab Talha Akpınar, mtakpinar@aybu.edu.tr.

1. Five reasons specific to this theme

1. A published AI and digital twin framework for humanitarian logistics (2026)
2. Geospatial ranking of wildfire risk in a Horizon Europe-supported action
3. A Jean Monnet Module (GRADEU) producing a global risk assessment dataset, and a youth project on cultural heritage recovery after disasters and conflicts
4. A vocational programme in civil defence and firefighting
5. Experience from a country with high earthquake exposure

2. Thematic institutional profile

AYBU's work on risk and resilience is recent and data-oriented. A 2026 article proposes an AI-supported digital twin framework for humanitarian logistics as decision support in crisis response; a Horizon Europe-supported action ranked forest areas by wildfire occurrence potential; a Jean Monnet action built a global risk assessment dataset; and a Horizon 2020 project addressed pandemic tracing. The vocational school trains civil defence and firefighting technicians. The university can support training and decision-support tools for local actors.

Relevant faculties, departments and centres

- Department of Management Information Systems
- Vocational School of Technical Sciences – Civil Defence and Firefighting
- Institute of International Relations and Strategic Research
- Faculty of Engineering and Natural Sciences

Research and training infrastructure

- Civil defence and firefighting programme
- Global risk assessment dataset from the Jean Monnet action

3. Relevant previous projects

Project number	Title	Action	Call	AYBU role	EU grant (project)	Status
2023-2-TR01-KA220-YOU-000182116	Cultural Heritage Recovery after Disasters and Conflicts - Understanding, Training, and Empowerment	Cooperation partnerships in youth	2023	Partner	EUR 250 000	Ongoing
101085659	GRADEU - Global Risk Assessment Dataset and the EU's role in the Governance of Global Risks	Jean Monnet Modules	2022	Coordinator	EUR 30 000	Completed

Source: European Commission, Erasmus+ project lists, export of 19.11.2026. Grant = total EU grant of the project as awarded.

- **KEEP-GREEN: Weighting and Ranking Forestry Places According to Wildfire Occurrence Potential** — Horizon Europe (cascade support), 06/2025 – 05/2026, beneficiary, EUR 60 000 (institutional record)
- **Pandemic Virus Trace Application for the Effective Knowledge Transfer Between Science and Society Inside the Quadruple Helix Collaboration** — Horizon 2020 – Science with and for Society, 01/2021 – 10/2023, beneficiary, EUR 1 095 000 (total grant) (institutional record)

4. Key academic experts

Expert	Unit	Relevance to this theme	Profile
Assoc. Prof. Dr. Musab Talha Akpınar	Business School – Management Information Systems	AI-supported digital twin framework for humanitarian logistics	AVESIS
Prof. Dr. Cem Korkut	Business School – Finance and Banking	Risk in financial markets; co-author on investment decision frameworks	AVESIS
Prof. Dr. Hasan Engin Şener	Business School – Management (Management and Organisation)	Institutional capacity assessment and public policy	AVESIS
Assoc. Prof. Dr. Vildan Ateş	Business School – Management Information Systems	Secure smart grid management maturity	AVESIS

Assoc. Prof. Dr. Musab Talha Akpınar. Vice Dean of the AYBU Business School and Associate Professor of Management Information Systems. His research addresses smart cities, technology acceptance, AI adoption and data-driven digital governance. He leads AYBU's work in the Erasmus+ Alliance for Innovation BIAD on AI-enabled skills analysis and micro-credentials, has taken part in Erasmus+ partnerships since 2016 and is the author of Smart Cities: Cases and Implications (2023). Teaching covers management information systems courses in the English-taught MIS programme (smart cities, business intelligence and AI-related subjects in the departmental curriculum).

Prof. Dr. Cem Korkut. Professor of Finance and Banking and Vice Dean of the AYBU Business School. His research spans financial econometrics, climate finance, Islamic and participation finance and the history of financial institutions, with recent articles on carbon emissions and market volatility. He co-authored the Turkish Academy of Sciences'

synthesis report on COP31 targets, has worked on EU-supported transport and refugee-employment projects and advises the Academy's President. Teaching covers finance, banking and financial econometrics. Research record on AVESIS: 125 publications, Google Scholar h-index 13 (653 citations), 11 projects.

Prof. Dr. Hasan Engin Şener. Professor of Management and Organisation at the AYBU Business School, working on public administration, public policy analysis, strategic management and leadership. He has contributed to EU-supported and UNDP projects for Turkish ministries, leads an AYBU research project on the societal acceptance of AI in health and is an accredited external evaluator of the Turkish Higher Education Quality Council and an ISO 9001 internal auditor. Teaching covers strategic management, public administration and human resource management; also teaches at Ahmet Yesevi and Gazi universities.

5. Keywords

disaster risk management · societal resilience · humanitarian logistics · digital twins · crisis decision support · wildfire risk · geospatial analysis · preparedness · civil defence training · risk governance · pandemic preparedness · critical infrastructure · community resilience · emergency skills · risk communication

6. Alignment with Erasmus+ 2027

Preparedness and resilience skills; environment and climate-related risks; civic engagement in emergencies.

Relevant 2027 action	Deadline (Brussels time)	Grant per project	Role AYBU can take
Cooperation Partnerships in vocational education and training	9 March 2027, 12:00 Brussels time	Lump sum EUR 120 000, 250 000 or 400 000	Coordinator and partner
Cooperation Partnerships in higher education	9 March 2027, 12:00 Brussels time	Lump sum EUR 120 000, 250 000 or 400 000	Coordinator and partner
Cooperation Partnerships in adult education	9 March 2027, 12:00 Brussels time	Lump sum EUR 120 000, 250 000 or 400 000	Coordinator and partner
Cooperation Partnerships in youth	9 March 2027, 12:00 Brussels time	Lump sum EUR 120 000, 250 000 or 400 000	Coordinator and partner
Capacity Building in Vocational Education and Training	12 May 2027, 17:00 Brussels time	Up to EUR 500 000 per project (Guide p. 348)	Coordinator or partner

7. What AYBU can contribute

Contributions described here are potential contributions based on verified institutional capacity; they become commitments only in a signed proposal. Named experts are proposed on the basis of their published work and their participation in a given proposal is subject to their confirmation.

Potential project objectives

- Strengthen preparedness skills of local staff and volunteers
- Introduce data-based decision support into emergency training
- Raise risk awareness in communities

Potential activities

- Training needs analysis with emergency services
- Scenario-based and simulation training
- Decision-support prototype for logistics planning
- Community awareness actions

Work packages AYBU could lead or co-lead

- Needs analysis
- Scenario and simulation training
- Decision-support prototype
- Community awareness

Training modules AYBU could deliver

- Humanitarian logistics basics
- Reading and using risk data
- Crisis communication

Potential deliverables

- Training needs report
- Scenario-based training package
- Decision-support prototype
- Awareness toolkit

Potential pilot activities

- Scenario training with civil defence students
- Tabletop exercise with a municipality

Target groups AYBU can reach

- Emergency and municipal staff
- VET learners in civil defence
- Volunteers
- Communities

Expected institutional contribution

- Decision-support and digital twin concepts
- Risk data analysis
- VET pilots
- Policy and capacity analysis
- Evaluation

8. Management, quality and dissemination capacity

EU projects at AYBU are run by academic project teams with support from the Business School's projects office and the Competitiveness and Innovation Research Centre (REKMER). Financial administration follows Turkish public financial management and control legislation (Law No. 5018); EU grants are kept in dedicated project accounts and the university is subject to external audit by the Turkish Court of Accounts. In the Commission's project database AYBU appears in 28 Erasmus+ cooperation, policy and Jean Monnet projects from call years 2014–2026, 17 of them as coordinator; 9 are running today.

For each project AYBU proposes a quality plan with internal peer review of deliverables, milestone monitoring and partner feedback surveys. The university operates an institutional quality management system under the national Higher Education Quality Council framework, and Business School staff include an accredited external evaluator of that Council.

AYBU disseminates through its institutional website and faculty pages, official social media accounts, a community of more than 26 000 students and about 2 600 staff, its partner universities and its links with ministries, municipalities, chambers and Teknopark Ankara. Multiplier events and training activities can be hosted on its Ankara campuses, and online courses can be delivered through the Distance Education Research Centre.

Results can be sustained through courses in degree programmes, certificate programmes of the Continuing Education Centre, online delivery by the Distance Education Research Centre and follow-up funding from national programmes such as TÜBİTAK. Open publication of materials is the default.

9. Partners we would like to work with

- Civil protection agencies
- Municipalities
- Humanitarian NGOs
- Universities with disaster management
- Technology providers

10. Organisation identification

Legal name (national language)	ANKARA YILDIRIM BEYAZIT ÜNİVERSİTESİ
Legal name (Latin characters)	ANKARA YILDIRIM BEYAZIT UNIVERSITESI
Name in English	Ankara Yıldırım Beyazıt University (AYBU)
Organisation ID (OID)	E10137893
PIC	952723525
National / fiscal ID	9600521531
Type of organisation	Higher education institution (tertiary level); Public (state) university; non-profit public body
Erasmus Charter for Higher Education	Erasmus Charter for Higher Education holder — Erasmus code TR ANKARA15

Established	21 July 2010 (decision published in the Official Gazette)
Registered address	AYBÜ Etlik Milli İrade Binası, B-Blok, Ayvalı Mah. Gazze Cad. No: 7, Etlik, Keçiören, 06010 Ankara, Türkiye
Main campus	Esenboğa Merkez Külliyesi, Dumlupınar Mah., 06760 Çubuk / Ankara
Region (NUTS)	TR51 – Ankara
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11. Institutional representative and contact

Legal representative

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12. Links

- University: https://aybu.edu.tr
- Business School: https://aybu.edu.tr/isletme/en
- Academic profiles (AVESIS): https://avesis.aybu.edu.tr
- AYBU projects in the Erasmus+ project database: https://erasmus-plus.ec.europa.eu/projects

Data verified on 20.11.2026. Institutional figures from aybu.edu.tr and AYBU records; project data from the European Commission's Erasmus+ project lists; staff data from AVESIS.