ERASMUS+ 2027 · THEMATIC PROFILE 17 OF 35

Climate Change and Environmental Sustainability

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

Why include AYBU in your consortium? Climate economics, emissions and risk analysis, with engineering research centres for clean energy. 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. Co-authorship of the synthesis report on COP31 Action Agenda targets
2. Horizon Europe-supported work ranking forest areas by wildfire occurrence potential
3. A Danida-funded project on large-scale integration of offshore wind farms
4. Peer-reviewed evidence on the environmental effects of foreign investment and logistics
5. Research centres for hydrogen technologies, solar cells and ecological studies

2. Thematic institutional profile

AYBU's climate work joins economics, data and engineering. A professor of finance co-authored the Turkish Academy of Sciences' synthesis report on COP31 Action Agenda targets and published on carbon emissions and market volatility; trade economists have measured the environmental impact of foreign investment and logistics; the KEEP-GREEN action ranked forest areas by wildfire potential using geospatial data; and the WindFlag project modelled the grid integration of offshore wind. Research centres on hydrogen technologies and solar cells and a research group on inclusive green transformation complete the picture.

Relevant faculties, departments and centres

- Business School
- Faculty of Engineering and Natural Sciences (Energy Systems Engineering)
- Hydrogen Technologies and Energy Research Centre
- Third Generation Solar Cells Research Centre
- Ecological Studies Research Centre

Research and training infrastructure

- Hydrogen Technologies and Energy Research Centre
- Third Generation Solar Cells Research Centre
- Central Research Laboratory

3. Relevant previous projects

Project number	Title	Action	Call	AYBU role	EU grant (project)	Status
2025-1-TR01-KA220-YOU-000352941	YouthGreen 5.0 – Fair Transition with Green Skills and Circular Economy	Cooperation partnerships in youth	2025	Partner	EUR 250 000	Ongoing

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)
- **WindFlag: Offshore Wind Farms Large-Scale Integration in Türkiye** — Danida Fellowship Centre (Denmark), 06/2020 – 05/2023, beneficiary, DKK 429 898 (institutional record)

4. Key academic experts

Expert	Unit	Relevance to this theme	Profile
Prof. Dr. Cem Korkut	Business School – Finance and Banking	COP31 synthesis report; carbon emissions and equity market volatility	AVESIS
Assoc. Prof. Dr. Seda Ekmen	Business School – International Trade and Business	Environmental impact of foreign investment; logistics and environmental degradation	AVESIS
Assoc. Prof. Dr. Merve Karacaer	Business School – International Trade and Business	Energy markets; corporate sustainability	AVESIS
Assoc. Prof. Dr. Emre Burak Ekmekçioğlu	Business School – Management (Management and Organisation)	Employees' environmental attitudes and behaviour	AVESIS

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.

Assoc. Prof. Dr. Seda Ekmen. Associate Professor of International Trade and Business at the AYBU Business School, with a doctorate in economics from Middle East Technical University. She works on international trade, global value chains, logistics performance, structural change and the environmental effects of foreign investment, with articles in the International Journal of Finance and Economics and Environmental Science and Pollution Research, and has studied gender and firm innovation. Teaching covers international economics and trade courses. Research record on AVESIS: 40 publications (5 in Scopus), Scopus h-index 2, 5 projects, 7 theses supervised.

Assoc. Prof. Dr. Merve Karacaer. Associate Professor of International Trade and Business at the AYBU Business School and head of that department from 2019 to 2024. Her research links corporate sustainability, socially responsible

engagement and firm performance, green supply chain management and the economics of oil and gas markets, with publications in Borsa Istanbul Review and a book on the BIST Sustainability Index. Teaching covers international trade, finance and business courses. Research record on AVESIS: 32 publications (3 in Scopus), 98 citations on Google Scholar, 3 projects.

5. Keywords

climate change · climate policy · COP31 · carbon emissions · climate finance · environmental economics · wildfire risk · geospatial analysis · renewable energy · offshore wind · hydrogen · energy markets · climate adaptation · environmental behaviour · sustainability education

6. Alignment with Erasmus+ 2027

Environment and fight against climate change: awareness, competences for climate action and evidence for policy.

Relevant 2027 action	Deadline (Brussels time)	Grant per project	Role AYBU can take
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
Cooperation Partnerships in school education	9 March 2027, 12:00 Brussels time	Lump sum EUR 120 000, 250 000 or 400 000	Coordinator and partner
Jean Monnet Actions in higher education (Modules, Chairs, Centres of Excellence)	3 February 2027, 17:00 Brussels time	Jean Monnet Module EUR 35 000; Chair EUR 60 000; Centre of Excellence EUR 100 000 (Guide p. 394)	Sole applicant

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

- Improve climate competences of students and citizens with evidence-based content
- Connect climate policy and economics with education
- Support local actors in climate risk awareness

Potential activities

- Development of climate economics and policy learning units
- Data-based exercises on emissions and climate risk

- Citizen and youth awareness actions
- Policy dialogue events

Work packages AYBU could lead or co-lead

- Evidence review
- Learning units and data exercises
- Piloting and awareness actions
- Policy dialogue

Training modules AYBU could deliver

- Economics of climate change
- Reading climate and emissions data
- Climate risk and local adaptation

Potential deliverables

- Evidence review
- Learning units with datasets
- Awareness toolkit
- Policy dialogue report

Potential pilot activities

- Learning unit piloted in economics and business courses
- Awareness action with young people

Target groups AYBU can reach

- University students
- Young people
- Local authorities
- Adult learners

Expected institutional contribution

- Climate economics and finance content
- Data analysis exercises
- Policy background from COP-related work
- Pilots
- Impact measurement

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

- Environmental research institutes
- Universities with environmental science
- Municipal climate units
- Environmental NGOs
- Energy agencies

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
Website	https://aybu.edu.tr
General e-mail / telephone	basin@aybu.edu.tr / +90 312 906 10 00

11. Institutional representative and contact

Legal representative

Name	Prof. Dr. Ali Cengiz Köseoğlu
Position	Rector
E-mail	ackoseoglu@aybu.edu.tr
Telephone	+90 312 906 10 04

Main contact person

Name	Assoc. Prof. Dr. Musab Talha Akpınar
Position	Associate Professor, Department of Management Information Systems; Vice Dean, Business School
Unit	Business School – Department of Management Information Systems
E-mail	mtakpinar@aybu.edu.tr
Telephone	+90 312 906 16 47
Academic profile	https://avesis.aybu.edu.tr/takpinar

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.