ERASMUS+ 2027 · THEMATIC PROFILE 06 OF 35

Sustainable Mobility and Transport Analytics

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

Why include AYBU in your consortium? Transport data analytics, road safety policy experience and research on the human side of new mobility. 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. Academic staff who took part in the National Transport Master Plan and the Road Safety – Vision Zero project
2. Published analytics case studies with data from a major airline
3. A current study of electric vehicle users' range anxiety and work behaviour
4. A research group on robust autonomous mobility listed on AVESIS
5. Aviation-related faculties and a vocational aircraft technology programme

2. Thematic institutional profile

AYBU's transport expertise is analytical and policy-oriented. Researchers have applied data mining and business intelligence to airline operations, worked on Türkiye's National Transport Master Plan and on the EU-supported Road Safety – Vision Zero project, and examined the range anxiety of electric vehicle users. The Faculty of Aeronautics and Astronautics, the vocational aircraft technology programme and the Robust Autonomous Mobility Laboratory add an engineering and technician dimension. The university fits projects on transport data skills, road safety education and the human side of new mobility.

Relevant faculties, departments and centres

- Business School – Departments of MIS and Finance and Banking
- Faculty of Aeronautics and Astronautics
- Vocational School of Technical Sciences – Aircraft Technology
- Robust Autonomous Mobility Laboratory (ROAM)

Research and training infrastructure

- Robust Autonomous Mobility Laboratory (ROAM) research group
- Aviation programmes at faculty and vocational level

3. Relevant previous projects

- **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
Assoc. Prof. Dr. Musab Talha Akpınar	Business School – Management Information Systems	Business intelligence for air cargo planning; data mining in air transportation; former airline expert	AVESIS
Prof. Dr. Cem Korkut	Business School – Finance and Banking	National Transport Master Plan and Road Safety – Vision Zero projects	AVESIS
Res. Asst. Muhammed Fatih Özer	Business School – Management Information Systems	Working paper on electric vehicle range anxiety and work behaviour	AVESIS
Assoc. Prof. Dr. Seda Ekmen	Business School – International Trade and Business	Logistics performance, export variety and environmental effects of logistics	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.

Res. Asst. Muhammed Fatih Özer. Research Assistant in the Department of Management Information Systems at the AYBU Business School. His recent work covers AI-supported chatbot systems for digital student services, a clustering-based approach to cryptocurrency portfolio management and a comparative analysis of global university rankings. In AYBU project teams he provides technical implementation, data analysis and digital platform support. Teaching covers research assistant duties in the Department of Management Information Systems. Research record on AVESIS: aVESIS lists no publication counts; Google Scholar shows 10 citations (h-index 1).

5. Keywords

sustainable mobility · transport analytics · aviation data mining · air cargo planning · road safety · Vision Zero · transport master planning · electric vehicles · range anxiety · logistics performance · transport policy · mobility behaviour · autonomous mobility · green logistics · transport skills

6. Alignment with Erasmus+ 2027

Environment and fight against climate change through low-emission mobility; digital skills for the transport and logistics workforce.

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
Alliances for Innovation	14 September 2027, 17:00 Brussels time	EUR 1 000 000 for a 2-year project, EUR 1 500 000 for a 3-year project (Lot 1); EUR 4 000 000 for a 4-year project (Lot 2) (Guide p. 322)	Partner or work-package leader; coordinator for a focused Lot 1

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

- Build data and sustainability skills in the transport and logistics workforce
- Support behaviour change towards safer and cleaner mobility
- Bring transport policy evidence into teaching

Potential activities

- Analysis of skills needs in transport data roles
- Teaching cases based on real transport datasets
- Behavioural surveys on electric mobility or road safety
- Training for logistics SMEs on emission-aware planning

Work packages AYBU could lead or co-lead

- Needs analysis
- Case-based learning resources
- Behavioural research and pilots
- Dissemination to transport stakeholders

Training modules AYBU could deliver

- Data analytics for transport operations
- Road safety culture: the Vision Zero approach
- Electric mobility and user behaviour

Potential deliverables

- Transport data skills report
- Teaching case collection
- Behavioural study report
- Training package for logistics SMEs

Potential pilot activities

- Case-based course piloted with business and aviation students
- Survey-based awareness action with fleet operators or commuters

Target groups AYBU can reach

- Transport and logistics students
- Logistics SMEs
- Municipal transport units
- Drivers and commuters

Expected institutional contribution

- Transport data analytics cases
- Behavioural survey design and analysis
- Policy background from national transport planning
- Pilots with students
- Economic assessment of measures

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

- Transport operators and logistics companies
- Municipal mobility departments
- VET providers in transport
- Universities with transport engineering
- Road safety organisations

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.