

ERASMUS+ PARTNER IDENTIFICATION

A. PARTNER ORGANISATION	
PIC	871272528
Organisation ID	E10129218
Full legal name (National Language)	Bursa Teknik Üniversitesi
Full legal name (Latin characters)	Bursa Technical University
Acronym	BTU
National ID (if applicable)	
Department (if applicable)	
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B. PROFILE	
Type of Organisation	Higher education institution (Tertiary level) / University
Is the partner organisation a public body?	Yes
Is the partner organisation a non-profit?	Yes
C. ACCREDITATION	
Has the organisation received any type of accreditation before submitting this application?	Yes
Has the organisation received/applied for any EU grants?	Yes
D. BACKGROUND AND EXPERIENCE	
Please briefly present the partner organisation.	Bursa Technical University (BTU), established in 2010, is a dynamic public institution situated in the historically rich city of Bursa. The university operates with 6 faculties, 1 Graduate School, and 1 School of Foreign Languages. BTU currently educates approximately 12,000 students, including 9,500 undergraduates and 2,500 graduate students. The academic and administrative staff comprises 570 academicians and 340 full-time administrative personnel. Recognized by the Council of Higher Education in Turkey (YÖK) for its specialization in robotics, intelligent systems, and digital technologies, Bursa Technical University (BTU) is ranked among the most Entrepreneurial and Innovative Universities in the country. The university's Robot Technologies and Intelligent Systems Research Centre plays a pivotal role in advancing these fields through research, development, and industry collaboration. The centre fosters interdisciplinary studies, promotes a culture of R&D, and provides essential resources for researchers to drive innovation. Its primary research focus includes cutting-edge topics such as indoor mapping (SLAM), deep learning-based visual navigation, ROS-based autonomous navigation, 2D and 3D mapping, social signal detection, and path planning.

	BTU is also distinguished as one of the select universities with a language school accredited by EQUALS. The university offers students a broad range of opportunities, including career planning support, technical excursions, and internship placements tailored to industry needs. Additionally, BTU fosters entrepreneurship, joint training programs with foreign universities, and international student exchange programs, enriching students' undergraduate education. One unique aspect of BTU's academic model is the Vocational Education Program in Business (IMEP), through which students spend one of their eight semesters gaining practical experience either in industry or in university laboratories. This long-term internship provides invaluable hands-on learning, ensuring that students graduate with practical knowledge and skills directly applicable to their future careers. Bursa Technical University continues to advance rapidly toward becoming a modern scientific hub, aligned with the needs of industry, with a strong focus on education, research, and development (R&D). BTU graduates are highly qualified, well-regarded, and equipped to offer innovative solutions across various sectors. In line with this vision, the university places great emphasis on providing students with international exposure, offering them the chance to study and work abroad. These experiences are crucial for broadening their professional networks, learning different work practices, and familiarizing themselves with new technologies that will enhance their future careers.
What are the activities and experience of the organisation in the areas relevant for this application?	Bursa Technical University (BTU) has gained significant experience in various KA1 and KA2 projects, as well as Horizon Europe initiatives. Some key projects include: 1. 2016-1-TR01-KA203-035231: INNOWOMENT - Innovative Women Entrepreneurs of the Future This project, coordinated by BTU from September 2016 to September 2018, aimed to promote and motivate young women engineers to become entrepreneurs. It provided 12 female engineering students from BTU with the opportunity to undertake a two-month traineeship in Italy and Poland. 2. 2017-1-TR01-KA204-046321: WEST - Women Entrepreneurs Support Tribune Led by the Bursa Social Security Office, with BTU as a partner, the WEST project (01.12.2017–31.05.2020) focused on supporting women entrepreneurs and aspiring entrepreneurs. The project developed an online platform accessible from different countries to provide resources and support for women entrepreneurs. 3. 2019-1-TR01-KA202-076652: Young Trade Ambassadors This project is led by the Bursa Chamber of Trade and Commerce (BTSO), with BTU serving as a partner. It aims to familiarize International Trade and Logistics students with the international trading market, promote Turkish goods, and develop a curriculum aligned with current trends in international trade. 4. 2020-1-TR01-KA204-092828: Increasing Food Literacy Competencies of Adults This project focuses on improving food literacy among adults, enhancing their understanding and skills in making informed food choices. 5. 2020-1-FR01-KA204-079807: MEDLENTISK The MEDLENTISK project is focused on strengthening Mediterranean-focused skills and competences. 6. KA108: Seven Doors to Europe Consortium BTU participates in this consortium, which aims to strengthen European collaboration and mobility opportunities within the Erasmus+ framework.

	7. KA171 Projects (2020-2023): Mobility in Higher Education with non-EU Countries BTU has been involved in several KA171 projects (2020-1-TR01-KA107-091598, 2022-1-TR01-KA171-HED-000072273, and 2023-1-TR01-KA171-HED-000164353), focusing on mobility in higher education with non-EU countries. 8. TR01-KA220-ADU-000181891 (2024-2026): ENTRANT Improve adult entrepreneurship through skills development, innovation, and capacity building through online training. 9. TR01-KA220-SCH-000250098 (2024-2027) Transforming Education with a Digital Language Lab Developed Web 2.0 CEFR-aligned digital language pedagogy, OERs, and teacher professional development. 10. KA220 -1-S101-KA220-SCH-000353360 (2025-2027): Fostering Competence for Use of Smartphones (FOCUS) Promoted healthy smartphone use and self-regulation skills in primary and secondary education. 11. 2025-1-RO01-KA220-SCH-000349541 - Python & Math Initiative Project Integrated coding and mathematics education to strengthen digital and analytical skills. 12. 2025-1-TR01-KA220-ADU-000351390 – SCURE (Strengthening Communities for Urban Resilience and Engagement) Strengthened community resilience and civic engagement for sustainable urban development. 13. 2025-1-TR01-KA220-VET-000357828 – EngineerTrack: A Gamified Internship Tracking and Skills Development Application for Future Engineers Developed a gamified system for tracking internships and engineering skill development. 14. Sustainable Blue Economy Partnership (SBEP) - MEDSEAPLAN project ('Data and Scenarios for a Sustainable Mediterranean Blue Economy) Develop nature-based solutions for improved biodiversity; including data from maritime industry vessels; and the design and demonstration of innovative floating data buoys. 15. HORIZON-MSCA-2024-SE-01-01 — SUSHEAS, SUSTainable production of High Entropy Alloys from Secondary metals Advanced sustainable high-entropy alloy production using secondary metal resources. 16. HORIZON-CL5-2021-D2-01-16 - Co-Funded Partnership: Driving Urban Transitions to a sustainable future (DUT) Bringing water sensitive urban design into digital twins of cities
What are the skills and expertise of key staff/persons involved in this application?	Dr. Oya Güler Dr. Oya Güler holds a doctorate in Educational Philosophy and Sociology. She is the Erasmus and Analysis Coordinator in the Sociology Department and leads the university's Research and Development Unit. Dr. Güler has successfully coordinated 13 Erasmus projects and served as project coordinator for both KA1 and KA2 programs. Yasemin Sarıcaoglu Yasemin Sarıcaoglu is a Lecturer at Bursa Technical University, and she holds a master's degree in mathematics. She contributes to the university's academic programs with her expertise in mathematics education.

	Melis Ece Özyiğit Melis Ece Özyiğit is a Lecturer at Bursa Technical University, holding a master's degree in Environmental Sciences and Engineering. She is currently pursuing her doctorate in Environmental Sciences, contributing to research in sustainable environmental solutions. Melis Ece Özyiğit is also an active participant in university youth clubs and initiatives, inspiring students to engage in environmental projects and sustainability efforts. Ömer Faruk Kaya Ömer Faruk Kaya is a Lecturer at Bursa Technical University and holds a master's degree in English Language Teaching. He is actively engaged in teaching and research in foreign language education and linguistics, with experience as a researcher in a natural language processing project. He is currently pursuing his doctorate in English Language Teaching.
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