



EXPRESSION OF INTEREST

1. Contact details

Country	TURKEY
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2. Short description of the organization

Provide a short description of the equipment available, the relations with the industry, the profile of the main researchers

Bilişim Vadisi is the largest technopark in Türkiye having officially started its operations in 2019. With its vision to bring Türkiye to the next level of innovational technology development, it continuously envisioned growing and founded its campuses in Istanbul, Izmir, and Baku. Bilişim Vadisi focuses on solution-based sustainable innovations to fulfill the needs of current gaps in mobility technologies in a national, regional, and transnational scope. With its strong ties to governmental, academic, legal, and private institutions, Bilişim Vadisi is masterly qualified in detecting key formations for the understanding and processing of wide-ranging data with the scope to implement these according to environmental mobility needs using the latest technology provided by its strong foundations of expertise areas to provide sustainable, renewable smart and innovative solutions for the public needs.

The mission of Bilişim Vadisi is to accelerate generative scientific works to help produce high-value-added marketable products to develop the ecosystem innovatively. With this in mind, it has determined 6 focus areas for itself: **Mobility, Games, Connectivity, Cyber Security, Smart Cities, and Design**. Additionally, it hosts a total of 500+ domestic and foreign companies (R&D companies, startups, and pre-startups), such as TOGG (a Turkish fully electric vehicle brand), and 5000+ personnel working on R&D projects.

3. Specific skills related to the project

Bilişim Vadisi has an **interest in joining the consortium HORIZON-CL5-2024-D6-01-09 policies and governance shaping the future transport and mobility systems and offers to be a project partner and contribute to the call objectives** with the following strengths:

- Bilişim Vadisi's strong relations with government institutions allow project results can be proposed for developing **new national regulations while informing policymakers**.
- Bilişim Vadisi has an **innovative cluster in the field of mobility** which includes 50+ multidisciplinary stakeholders and focuses on **electrical, autonomous, and sustainable mobility solutions in Türkiye**. This cluster brings together the expertise of the public and private sectors including large companies, SMEs, universities, government institutions, NGOs,



vehicle and component manufacturers, OEMs, research and testing centers, etc. It organizes mobility workshops open to all stakeholders several times a year.

- Bilişim Vadisi **has an autonomous** test track and also provides a **driving area within approximately 6 km of its campus**, which is used for urban mobility testing for companies developing CAV technologies to identify and evaluate the potential of neighborhood-level mobility hubs at the neighborhood level
- **Bilişim Vadisi Incubation Center (KİM)** offers the incubation and pre-incubation program for entrepreneurship. It supports entrepreneurs with basic and advanced level training, financial and legal consultancy, patent advisory support, mentorship, and technical mentorship in the exploitation of project results. In addition, **the Venture Capital Investment Fund** provides financial support to entrepreneurs working on projects in areas such as mobility, connectivity technologies cybersecurity, software, design, smart cities, and gaming.

4. Proposed activities for the project

- Bilişim Vadisi mobility cluster provides the following services:
 - Support entrepreneurs working in the field of decarbonizing mobility with acceleration programs, mentoring, workshops, commercialization, etc.
 - Contribute to the development of the sector with a skilled workforce.
 - Develop more effective ways to reduce emissions and their impacts by expanding scientific knowledge
 - Accelerate the implementation of innovative, connected, hybrid transportation networks and autonomous mobility technologies and systems for freight and passenger transportation
 - Ensure the development of multimodal transport systems through sustainable, smart long-distance and urban freight transport and improved physical and digital infrastructure for smart vehicles
 - Work on the studies of the European Union's long-term goal of zero fatalities and serious injuries by 2050.
- Bilişim Vadisi can support the **commercialization of project results** with companies in its network.
- Bilişim Vadisi's strong relations with government institutions allow project results can be proposed for developing **new national regulations while informing policymakers**.

5. References

Previous research project

Project acronym / starting date	Role	Main objectives § Main activities
Turkey Open Source Platform 2019-2023	Coordinator	The general purpose of this project is to establish the Turkey Open Source Platform to produce critical software needed by the public and private sectors in line with Turkey's 2023 goals, as specified in the Eleventh Development Plan covering the period of 2019-2023, to create service providers that can export these products, and to expand our country's pool of software developers.

Bilişim Vadisi Digital Transformation Analysis Program 2021	Coordinator	The project was carried out with the support of the Eastern Marmara Development Agency and in partnership with TTGV. Based on the survey results and evaluations, a situation assessment analysis was carried out on 15 firms selected from the 13 Organized Industrial Zones in the Kocaeli region, covering their current status, operations, opportunities, views on digital transformation, short and long-term projects, and their needs for transformation, etc.
BİGGM 2021-2022	Partner	In partnership with TTGV and with the support of the Eastern Marmara Development Agency, the project aims to provide young entrepreneurs with technology and innovation-focused project ideas with training in entrepreneurship, business, finance, project management, project writing, etc., to support the development of a technology venture into a commercially viable business under the TÜBİTAK 1512 program.
Bilişim Vadisi BİGG 2023-	Coordinator	Within the scope of TÜBİTAK 1512 BİGG call; the project aims to eliminate the deficiencies of entrepreneurs with technology-focused business ideas who are eager to establish their ventures, through the training provided by expert trainers and mentors. As a result of the training provided, the aim is to increase the entrepreneur's intellectual knowledge in the relevant field, process planning, evaluation of opportunities in the market, and the ability to determine the necessary resources.
Establishment of Mentorship Mechanisms for Increasing the Business Development and Innovation Capacities of Finance and Smart Payment Systems Focused Startups (TÜBİTAK BİGG+) 2023-	Coordinator	The project is designed to facilitate access to investment for companies and to ensure the expansion of their products or services to domestic and international markets through a systematic mentorship mechanism. This mechanism helps companies that can develop high-value-added products or services in the areas of financial technologies and mobility overcome the most fundamental problems such as access to finance, commercialization of products or services, and sales and marketing after R&D.
Istanbul Software Training Base 2022	Coordinator	Factors such as supporting inter-institutional coordination in education, mentorship, and consultancy for the training of qualified software developers, and determining priority and strategic areas to increase the global competitiveness of the sector are important. In this context, with the planned guided project, it is aimed to establish the Istanbul Software Training Base Project to develop the software sector within the borders of our country, in Istanbul, which has gained the identity of a Finance and Technology base, and to spread it based in Istanbul by training qualified human resources in this field. To contribute to this goal, the purpose of this project within the Istanbul Development Agency.2021 Feasibility Support Program is to prepare the Istanbul Software Base feasibility report.
DIGI-AGE Game Development & Coding Academy 2022-2024	Coordinator	Under the scope of EU Erasmus+ KA220 - Youth, activities are carried out in collaboration with different countries and institutions to develop coding, game development, young people's knowledge, skills, attitudes, and abilities in cultural diversity, identity, and intercultural learning, promoting, democratic participation of young people, European values and principles, democracy, learning of non- formal learning techniques, expression in mother tongue, expression in foreign language, mathematical competence and basic competencies in science and technology, digital competence, learning to learn, social and civic competencies, mathematical competence and basic competencies in science and technology, initiative and entrepreneurship, cultural awareness, and expression competencies. There are partner institutions from Bosnia, Lithuania, and Norway involved in the project.
Digi-AGE - Mobile Game Coding Camp 2022-2023	Coordinator	Under the scope of EU Erasmus+ KA210 - Youth program, activities will be carried out to train new, innovative, original, and support young game developers to follow the global trends in the sector, select their customer base young game developers, guide them, contribute to their employability, internationally, expand the target audience of their work, impact, and dissemination, contribute to the national economy, train, support and guide



		individuals who are confident and moving forward in the sector, mentor them and take their work to the international level.
Developing the Digital & Robotic Coding Skills of Instructors and Youth 2023-2024	Coordinator	Under the scope of EU Erasmus+ KA210 - Youth program, digital competencies of the young population will be developed, employment opportunities will be increased, guidance will be provided, and robotic coding education will be given with special training kits to teach learning.