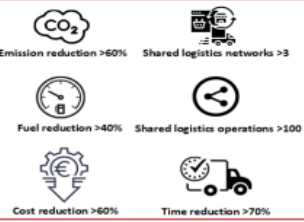
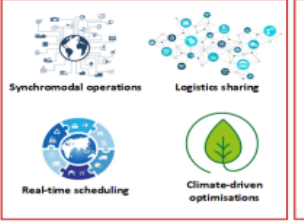

	TRACE: INTEGRATION AND HARMONIZATION OF LOGISTICS OPERATIONS (HTTPS://TRACE-HORIZON.EU/)						
	Country	Contract value (€)	% carried out by Epsilon	No of staff provided	Client	Origin of funding	Date (start/end)
Malta	8.923.765,00	3% 196.875,00	8	European Commission	EC Horizon HORIZON-CL5-2022-D6-02	01/06/2023 01/06/2026	28 Partners
Description of the project					Services provided		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Key Performance Indicators</p>  </div> <div style="width: 30%;"> <p>Fundamental characteristics</p>  </div> <div style="width: 30%;"> <p>Technology enablers</p>  </div> </div> <p>The TRACE project focuses on revolutionizing the logistics industry by integrating and harmonizing logistics operations through advanced technologies. The project aims to enhance synchro-modal operations and optimize the use of shared resources to create a more climate-friendly infrastructure. TRACE envisions a universal platform that includes functionalities like planning, scheduling, and real-time event management, supported by blockchain technology for smart contracts. The project will also explore new business models, legislation requirements, and demonstrate its solutions across Europe, emphasizing the reduction of energy demands and emissions while ensuring the resilience and efficiency of logistics operations. TRACE objectives are:</p> <ul style="list-style-type: none"> Integrate, harmonize and orchestrate independent logistics operations with heterogeneous processes. Design and implement an intelligent platform for combining open and shared logistics services for enhancing transparent collaboration activities. Design and implement the appropriate AI modules for supporting the automated synchro-modal services in the logistics domain. Implement the appropriate infrastructure for supporting dynamic flows towards the optimization of logistics services. Implement a set of European demonstrators adopting intelligent logistics operations in real traffic conditions. Perform a study on barriers and opportunities for realizing a logistics network. Perform a study on novel business models for future logistics operations. Study the governance of logistics networks and regulations around Europe and Worldwide. Perform the necessary outreach activities to raise the attractiveness and visibility of the platform while enhancing the collaboration with external actors and stakeholders. 					<p>For WP1:</p> <ul style="list-style-type: none"> Ensured the proper implementation of the project plan and its objectives. Developed a Data Management Plan for the Pilots on Open Research Data. Assured compliance with Ethical and GDPR principles. <p>For WP2:</p> <ul style="list-style-type: none"> Expanded the existing baseline analysis of the state of the art by providing an in-depth analysis of the current status and best practices in the domains. Classified from multiple viewpoints, all the requirements of scientists, analysts, stakeholders and end users. Identified the requirements for the vehicles and sensor systems. Defined the requirements of the TRACE network and physical infrastructure. Proposed a wide variety of Use Cases that can be supported by the proposed platform. <p>For WP3:</p> <ul style="list-style-type: none"> Implemented the utilization and operation of the 4G/5G communication infrastructure. <p>For WP5:</p> <ul style="list-style-type: none"> Developed policy recommendations for forging sustainable and resilient services. Identified the factors affecting the market adoption and evolution of the proposed solution. Evaluate the effectiveness of pilot demonstrators. 		
<p>Use case scenarios</p> 