



DELPHI

PRESS RELEASE

05th of July, 2023.

Athens Greece

DELPHI: FeDerated nEtwork of pLatforms for Passenger and freigHt Intermodality

SEAbility Ltd is delighted to announce its participation in the eagerly awaited DELPHI project, officially started on July 1st, 2023, and kicked-off, physically, on July 4th -5th, 2023, in Athens, Greece.



DELPHI is a Horizon Europe project that brings together a complementary consortium of 16 partners (+1 associated partner and 1 affiliated entity), from 8 EU and associated countries with the view to address the growing challenges of passenger and freight mobility. Recognizing the complexity of stakeholder landscapes, fragmented transportation systems, and the need for secure data sharing, DELPHI will focus on the

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strategic dimension of integrating passenger and freight transport in a single federated system, working towards integrating sectors, harmonizing data, and leveraging advanced methodologies, to transform transportation systems, for a sustainable future.



DELPHI is expected to deliver an overall architectural design that will enable a secure data federation (interfaces, security mechanisms, etc.) in a Data Spaces-driven approach, novel governance and regulatory schemes (stakeholder and ecosystem specifications, information flows, data sovereignty principles, regulatory artefacts) and novel and ultra-efficient methodologies for traffic monitoring, such as Unmanned Aerial System-powered monitoring. Furthermore, it will provide multi-/inter-modal optimisation, Artificial Intelligence (AI) /Machine Learning (ML)-powered optimisations and frameworks, and will exploit diverse modes for hybrid passenger and freight transport (e-bike-powered crowd-shipping, subway, shuttle and taxi service) in different ecosystem types (urban, sub-urban, rural/island).

DELPHI's federated ecosystem, over the course of the project's three-year lifetime, will be extensively evaluated in real life settings through four pilot demonstrations across the participating transportation networks located in Spain (Madrid), Greece (Athens and Mykonos), and Romania (Cluj-Napoca). These demos aim to facilitate the effective preparation and seamless integration of systems, and they will involve continuous monitoring of progress, to ensure smooth functioning and improved interconnectivity. DELPHI project is coordinated by the [Institute of Communication and Computer Systems](#) (ICCS).

SEABILITY leads DELPHI Dissemination, communication, exploitation and community building Work Package 6, which includes, except for leading the dissemination and communication activities (task 6.1) & the Exploitation Strategy and Adoption of DELPHI innovations (task 6.4), the Networking, Community Building and liaison activities (task 6.2) and the Standardisation contributions & Policy Recommendation (task 6.3). SEAB, also, participates and contributes to State-of-the-art in governance and stakeholder ecosystem (Task 2.1) and the Multi-modal trends in urban and peri-urban areas, towards a common passenger/freight mobility ecosystem (Task 2.2), as well as in WP1 related to the Project management and coordination.

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Editor Notes

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Contract Number:	101104263
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EU Contribution:	€ 4,999,561.50
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Coordinator:	<p>Dr. Angelos Amditis, Research Director</p> <p>Institute of Communication & Computer Systems (ICCS)</p> 
Partners:	<ol style="list-style-type: none"> 1. Institute of Communication and Computer Systems (ICCS), 2. WINGS ICT Solutions Information & Communication Technologies IKE (WINGS), 3. eBOS Technologies Limited (eBOS), 4. INLECOM Commercial Pathways Company Limited by Guarantee (ICP), 5. Alliance for Logistics Innovation through Collaboration in Europe (ALICE), 6. Airbus Urban Mobility GmbH (AUM), 7. Infineon Technologies AG (IFAG), 8. Statheres Sygkoinonies Monoprosopi Anonymi Etaireia (STASY), 9. AE Syn. - Leitoyrg. Kai Ekmetalley. Eleytheris Leo. Eleysinas - Stayroy - Aerodromioy Spaton Kai Dyrikis Perifer. Leo. Ymitoy Attikes Diadromes (ATD), 10. Koino Tameio Eispraxeon Leoforeion K.T.E.L. Yperastikon Grammon Mykonoy Anonymos Etaireia (KtelM), 11. DHL Exel Supply Chain Spain SL (DHL), 12. Metro de Madrid SA (MM),

	<p>13. Koiki Home Sociedad Limitada (KOIKI), 14. NTT DATA Romania SA (NTTD), 15. Municipiul Cluj-Napoca (MCN), 16. Naytiliakes Metaforikes Kai Epikoiniakes Epixeiriseis Seability EPE (SEAB),</p> <p>*Mobilysis SARL (MBL) -Associated partner</p> <p>*Compania de Transport Public Cluj-Napoca (CTP)- Affiliated entity of MCN</p>
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