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## DELPHI Wraps Up with Smart Multimodal Transport Solutions for European Cities

*Final event in Athens marks the end of a three-year effort on federated multimodal transport platforms and the start of a wider conversation.*

Cities today face ever-growing demand for moving people and goods and are looking for solutions that reduce congestion and make transport more sustainable. With that goal in mind, the European research project [DELPHI](#) came to a close in June 2026, after three years of testing under real-world conditions in Greece, Spain and Romania. Its results were presented at the project's Final Event, held at the historic Hall of Statues of the National Technical University of Athens (NTUA), with the participation of partners, end users and representatives of local authorities.

DELPHI's core ambition was to show what unified systems connecting different modes of transport can achieve once they move from theory into practice. Over three years, the consortium developed and tested solutions to specific traffic management challenges through four pilot demonstrations.

### Four pilots: from Athens to Romania

In **Athens**, when a truck travelling on the Attiki Odos motorway runs into congestion, a combination of real-time traffic data and Artificial Intelligence detects the problem before it spreads and guides the driver to an alternative route — or even to a combined road-and-Metro option — based on time, cost and CO2 emissions. In **Mykonos**, where traffic reaches breaking point every summer, an algorithm was developed that makes use of spare capacity on buses already running scheduled routes, so that small freight items can travel with the island's KTEL bus service instead of requiring a separate vehicle, resulting in fewer delivery vehicles on the island's narrow streets and less congestion. The algorithm, which automatically matches small freight loads to buses with available capacity based on schedule and demand, was developed by the [I-SENSE research group](#) at the Institute of Communication and Computer Systems (ICCS), which also coordinated the project's 16 partners across eight countries.

In **Madrid**, a night-time logistics model used the city's metro to move parcels outside passenger hours, achieving an innovative last-mile delivery on foot and avoiding daytime traffic altogether. In Cluj-Napoca, Romania, an IDSA-compliant dataspace was implemented to facilitate secure and interoperable data sharing between mobility stakeholders. By integrating data from buses, bike-sharing services and parking systems, the dataspace enables a unified dashboard that provides citizens and municipal authorities with a consolidated view of available mobility services.

The DELPHI team also developed the vision of a hypothetical "**DELPHI Town**" — a model city bringing together all the mobility services designed and tested across the project's different pilot sites. In this model "DELPHI Town," the movement of people and goods combines private vehicles, public transport, taxis, bicycles, walking, shared mobility and waterborne transport into a single ecosystem, open to the integration of new technologies. This shared vision served as a reference point for all partners, with each pilot testing different facets of it in practice, depending on the needs of its own city or island.

### The final event and next steps



The project's final event opened with welcome remarks from Dr Angelos Amditis, Director of Research and Innovation at ICCS and coordinator of DELPHI, and continued with presentations and demonstration videos from the European partners, showing how the project moved from use cases to real-world application, sharing what was learned in practice.

In a discussion on the future needs of traffic management, local representatives from academia (NTUA), research (CERTH/HIT), governance (Attica Region Traffic Management Centre), transport operations (OASA) and industry (Telenavis) converged on a common, urgent message: the technology and the data are already available. What is missing is interoperability and institutional alignment between organisations, so that the governance and trust needed for them to be jointly put to use can be built.

ALICE presented one of DELPHI's lasting legacies: the Digital Urban Freight Community, a platform designed to carry the project's work and network beyond the end of the grant.

*"DELPHI comes to a close leaving behind a set of innovative tools and services that can help improve the movement of people and goods, reduce traffic congestion and promote more sustainable transport. More importantly, our goal was for this work not to end with the funding, but to leave behind a network of people and organisations able to carry it forward."* says Dr Angelos Amditis, Director of Research and Innovation at ICCS and Coordinator of DELPHI.

### **DELPHI Project Facts**

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| <b>Duration:</b>            | <b>1 July 2023 – 30 June 2026 (36 months)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Grant Agreement No.:</b> | <b>101104263</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Total cost:</b>          | <b>€ 4,999,561.50</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>EU funding amount:</b>   | <b>€ 4,999,561.50</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                             | <div style="text-align: center;">   <p><b>Funded by the European Union</b></p> </div> <p><i>DELPHI is a research and innovation project developing federated platforms for multimodal passenger and freight transport, addressing concrete traffic-management challenges across Europe.</i></p> <p><i>This project has received funding from the European Union under grant agreement No 101104263. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them.</i></p> |
| <b>Coordinator:</b>         | <div style="text-align: right;">  </div> <p><b>Institute of Communication and Computer Systems (ICCS)</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Partners:</b>            | <ol style="list-style-type: none"> <li><b>1. Institute of Communication and Computer Systems (ICCS / EPISEV) – Greece (Coordinator)</b></li> <li><b>2. WINGS ICT Solutions Information &amp; Communication Technologies IKE (WINGS) – Greece</b></li> <li><b>3. eBOS Technologies Limited (eBOS) – Cyprus</b></li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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|                      | <ol style="list-style-type: none"> <li>4. <b>INLECOM Commercial Pathways Company Limited by Guarantee (ICP) – Ireland</b></li> <li>5. <b>Alliance for Logistics Innovation through Collaboration in Europe (ALICE) – Belgium</b></li> <li>6. <b>ERTICO – ITS Europe – Belgium</b></li> <li>7. <b>Infineon Technologies AG (IFAG) – Germany</b></li> <li>8. <b>Fixed Transport Lines S.A. (STASY) – Greece</b></li> <li>9. <b>Attikes Diadromes S.A. (ATD) – Greece</b></li> <li>10. <b>Mykonos Intercity Bus Lines Joint Fund (KTEL Mykonos / KtelM) – Greece</b></li> <li>11. <b>DHL Exel Supply Chain Spain SL (DHL) – Spain</b></li> <li>12. <b>Metro de Madrid SA (MM) – Spain</b></li> <li>13. <b>Koiki Home Sociedad Limitada (KOIKI) – Spain</b></li> <li>14. <b>NTT DATA Romania SA (NTTD) – Romania</b></li> <li>15. <b>Cluj-Napoca Municipality (MCN) – Romania</b></li> <li>16. <b>Seability Shipping, Transport and Communications Enterprises Ltd (SEAB) – Greece</b></li> </ol> <p><b>*Mobilysis SARL (MBL) – Associated Partner – Switzerland</b></p> <p><b>*Compania de Transport Public Cluj-Napoca (CTP) – Affiliated entity of MCN – Romania</b></p> |
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| <b>Website:</b>      | <a href="https://delphi-project.eu/">https://delphi-project.eu/</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Social Media:</b> | LinkedIn: <a href="#">@DELPHI_EUProject</a><br>X: <a href="#">@DELPHI_EU</a><br>YouTube: <a href="#">@DELPHI_EUproject</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |