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SUM
Sustainable Urban Mobility

TRACE
inTegration & haRmonizAtion of logistiCs opErations

"

TRACE, with its advanced capabilities and AI-driven practices, significantly improves the interoperability of logistics operations.
By seamlessly integrating with existing infrastructure, TRACE creates novel pathways for innovative business models.

Let's Connect

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🌐 www.trace-horizon.eu

in trace-horizon-project
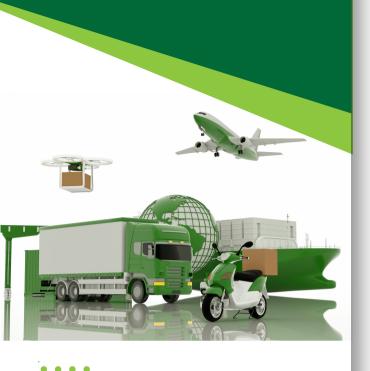
✖ trace_horizon

Towards the integration & harmonization of logistics operations

A smart new integrated platform that enables stakeholders to optimize shared logistic operations in terms of costs, emissions, time and fuel requirements.

High Objective

TRACE offers an integrated solution for the synchro-modal logistics paradigm, allowing stakeholders to optimize shared logistics operations in terms of costs, emissions, time, and fuel requirements.

The approach involves leveraging innovative AI-driven practices, blockchain technology, and specialized infrastructure to establish a foundation for enhanced trust, security, automation, and increased transport productivity and efficiency.

About TRACE

TRACE designs and develops a smart platform that seamlessly integrates heterogeneous logistics operations, supporting them with an advanced mechanism for technical and financial management of shared resources.

The TRACE platform encompasses functionalities related to planning, scheduling, optimization, and events management. Additionally, it leverages blockchain technology to facilitate the real-time conclusion of smart contracts and financial operations. TRACE represents one of the pioneering efforts to provide an "intelligent cover" over current logistics frameworks.

Test Sites

Large-scale demonstrators in Greece, Italy, and Slovenia exhibit diverse needs and mobility patterns. In these demonstrations, various logistics networks will interact and collaborate, aiming to achieve the goals of stakeholders while minimizing costs, fuel usage, and energy consumption.

Stakeholders

App Developers, Service End Users within the logistics industry, Manufacturers & Suppliers, Carriers & Agents, Infrastructure Providers, ICT Providers, Systems Integrators, Vehicle Vendors, SMEs, Governmental agencies, Policy Makers, Public Authorities, Academia, Research, Open Source Associations, Technology Clusters, etc.

Innovations

- Streamlining diverse logistics operations and processes through a sophisticated platform to enhance collaboration.
- Introducing open and shared logistics services for increased transparency.
- AI modules automate synchro-modal services, ensuring efficient logistics.
- Real traffic demonstrations highlight intelligent logistics operations.
- In-depth studies on barriers, opportunities, and new business models deepen understanding of logistics networks.
- Rigorous global examination of governance and regulations in logistics.
- A forward-thinking approach seeks to revolutionize the global supply chain, promoting innovation, efficiency, and collaboration.