Progress towards Federated Logistics Through The Integration Of TEN-T into A Global Trade Network

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ABOUT PLANET PROJECT

PLANET project aims at boosting the EU's leadership in global logistics flows **by effectively interconnecting infrastructure with cost considerations, geopolitical developments**, as well as **current and emerging transport modes and technological solutions**, enabling an EU-Global network that ensures equitable inclusivity of all participants, increase the prosperity of nations, preserve the environment and enhance Citizen's quality of life.

The realization of this vision in PLANET is branded as the EGTN (Integrated Green EU-Global T&L Network).

The **Physical Internet** concept in combination with disruptive technologies such as **IoT** and **Blockchain** will be used by PLANET to move towards more optimal and efficient transport and logistics (T&L).

Accelerating the collaborative transition towards the Physical Internet in the context of the new emerging trade routes

OBJECTIVES

Project Start	01/06/2021
EU Budget	€ 7 097 670
Instrument	MG-2-9-2019
Duration	36 months
Consortium	33 partners from 14 countries

1. Generate a Simulation Capability for the assessment of the expected impact of new trade routes, national strategies and innovations on the TEN-T corridors and European logistics operations.

2. Built an Open cloud-based ICT Infrastructure facilitating the implementation of EGTNs.

3. Employ 3 Living Labs to facilitate experimentation and testbeds for project's solutions.

4. Formalize an EU Roadmap along with a Capacity Building effort purposed to accelerate EGTN realisation, closely aligned with prominent T&L blockchain initiatives and the ALICE Physical Internet working groups.

5. Ensure wide Dissemination supported by a clear Commercialisation Strategy and Policy recommendations.