33 participants from **14** countries including public, private and R&D companies

COORDINATION OF THE PLANET PROJECT

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PLANET

PROGRESS TOWARDS FEDERATED LOGISTICS THROUGH THE INTEGRATION OF TEN-T INTO A GLOBAL TRADE NETWORK

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

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THE PROJECT

PLANET 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 citizens' 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.

OBJECTIVES

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.

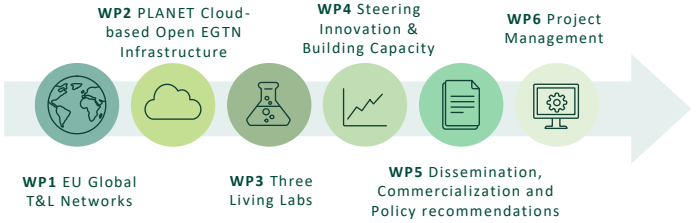
3. Employ **3 Living Labs** to facilitate experimentation and testbeds for project's solutions.

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.

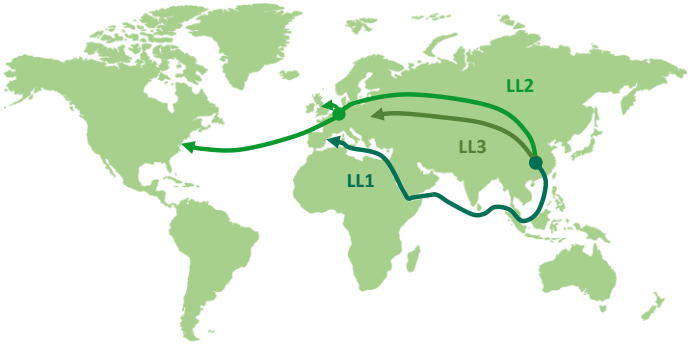
5. Ensure wide **Dissemination supported by a clear Commercialisation Strategy** and **Policy recommendations**.

WPs AND LIVING LABS

The project is evolving mainly through **6 work packages** (WPs):



The approach is being tested in **three** different **Living Labs** (LL):



LL1: PI and Blockchain for optimised door-to-door Asia-Europe corridors – Mediterranean Corridor

LL2: Synchromodal dynamic management of TEN-T & Intercontinental flows promoting rail transport

LL3: IoT for Silk Road Route – reliable, transparent and fully connected corridor from China to the EU

Duration: 3 years
01/06/2020 – 1/05/2023

33 Members

6 WPs