

Facilitating Intermodal Transport to reduce air pollution and energy consumption of freight transport sector



Duration: 01 Nov 2020 to 31 Oct 2023
Budget: 3,392,681.00€
Sector: Air quality and emissions, including urban environment

Background

EU freight transport has a **growth rate between 2005 and 2030 of 49%**.

The majority of transport is still executed by road which causes detrimental **environmental problems as it releases several million tons of toxic gases** each year into the atmosphere and air pollutant emissions.

Air pollution is the main cause for human health impairment **causing ~500,000 premature deaths per year** in Europe. About 30% of the increasing transport emissions are estimated to be caused by road freight transport.



Project goals



Integrate a European-wide **logistics platform** to enable collaboration among transport SME, by **providing a rail-carriage alternative** to road transport.



Improve SMEs access to the intermodal market by removing their main entry barriers.



Reduce transport-related pollutant **emissions and resource** consumption.



Significantly **increase the share of intermodal transport** for participating transport companies.



Set a standard in land freight transport, serving as best practice in the sector.

Results by end 2023

Environmental

- Movement of freight from road to rail **save at least 17.6 Mio road km**
- **Significant reduction** of main air pollutants by implementation as consequence of higher rail share
- **Saving of > 5 Mio l diesel**

Economical

- **Strong FIT network** of registered customers comprising at least 50 transport companies with focus on SMEs
- Integrated and optimised FIT logistic platform providing an **end-to-end solution for intermodal transport** usage including last-mile partnering and enabling easy management

Business

- Promotion of the FIT logistic platform for a **wide market**
- Implementation of **broad dissemination actions** involving a wide stakeholder community
- Significant company **growth and job safeguarding** in transport SMEs and intermodal operators
- **Increasing of competitiveness** of small transport companies by increasing driver job attractiveness via FIT
- Development of a **transfer strategy** for other transport modes such as **barges**, including feasibility study