

Together we shape a more sustainable future of freight transport in Europe

KEY FACTS AND FIGURES



The European Union (EU) transportation sector accounts for a quarter of the EU's greenhouse gas (GHG) emissions.

In 2017, 93% of the energy consumption in transportation was fossil fuel based. The freight sector accounts for the second largest share of transport emissions and is forecasted to increase by 40% of 2030.



The Paris 2015 Agreements recognize that business as usual is not an option and new technologies and solutions supporting the adoption and deployment of zero emission vehicle fleets are needed.



AT A GLANCE

Full name: Smart freight TranspOrt and logistics Research Methodologies – STORM

Duration: 30 months

Start date: 1 January 2021

Total budget: 1,5M€

<http://project-storm.eu>

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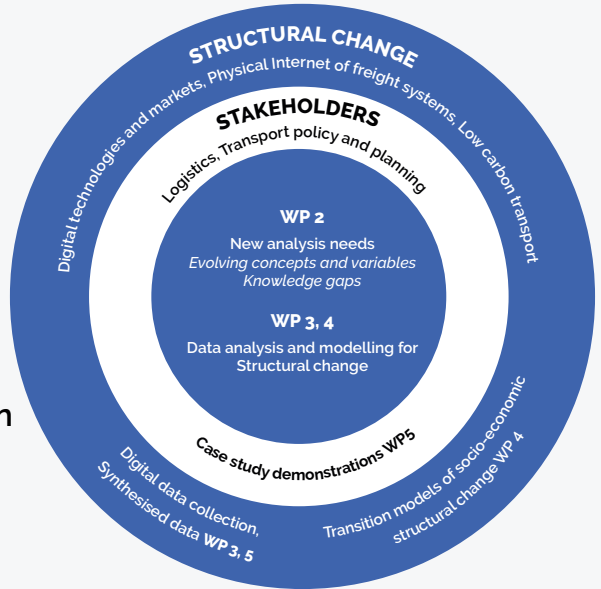


OBJECTIVES

The overall objective of the STORM project is to design concepts, methods, and tools to meet the new needs for analysis, monitoring and assessment arising from emerging disruptive technologies and trends in freight transport.

To achieve this objective, STORM will:

1. Screen existing trends and challenges in freight transport, such as digitalization, decarbonization and automation. Identify analysis needs and knowledge gaps that cannot be met by current models and tools.
2. Assess existing and evaluate new sources of data and create "synthesized data" for board applications. Define procedures for data collection, management and analytics considering confidentiality and security issues.
3. Elaborate new advanced analysis frameworks, models and tools to address the new needs for the analysis of structural change in logistics and freight transport.
4. Monitor, assess and demonstrate the application of the data strategy and analysis frameworks, models, and tools in illustrative case studies.
5. Provide recommendations for research and development on new data, new methods, and new tools to assess the potential of disruptive technologies in freight transport.



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