

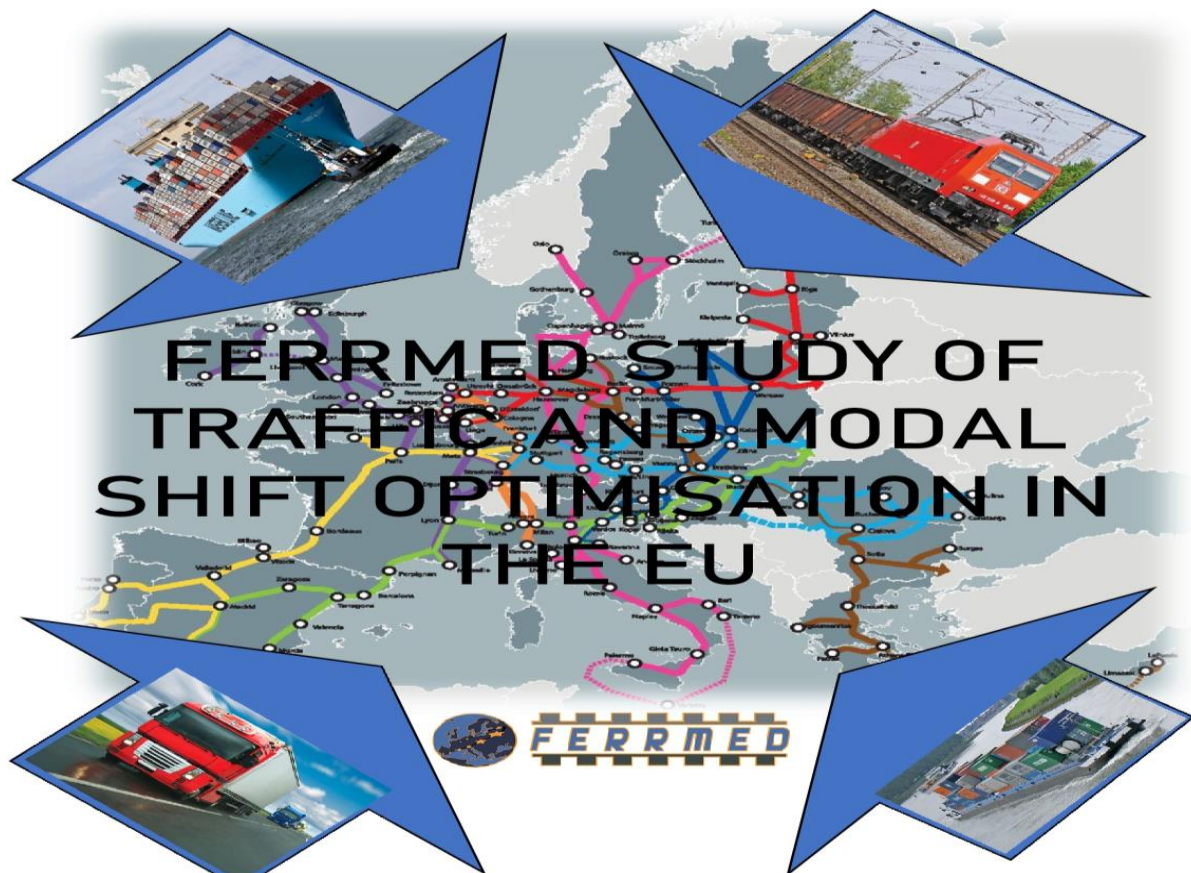
FERRMED Annual Conference

PRESENTATION OF THE FIRST PARTIAL RESULTS OF THE FERRMED STUDY OF TRAFFIC AND MODAL SHIFT OPTIMISATION IN THE EU

A KEY TOOL TO ACHIEVE THE EUROPEAN GREEN DEAL TARGETS AND BEST “INVESTMENT-TO-RESULTS” RATIO FOR THE ACTIONS TO BE CARRIED OUT ON THE GLOBAL LOGISTICS CHAIN

Fourth Eurasian Connectivity and Industrial Cooperation Forum (Europe)

Tuesday, November 16, 2021



THE COMPREHENSIVE APPROACH TO MITIGATE THE EU LAND FREIGHT TRANSPORTATION INEFFICIENCY

MAIN TOPICS OF THE STUDY

❖ A Key tool to achieve the European Green Deal and EU Covid-19 Recovery Plan in Transport Infrastructure and Operation

FERRMED is working hard on the **FERRMED Study of Traffic and Modal Shift Optimization in the EU**, the results of which may be a key tool to achieve the best "investment-to-results" ratio for the actions to be carried out on the global logistics chain. **We need to act where there really is traffic** and not where the socio-economic and, particularly, environmental impact is negligible.

The first phase of the Study, involving **fact-finding on the zones of the whole "EU Core Network" where it is necessary to act pre-eminently**, is already finished. The complete Study, which will **specify actions to be carried out on the railway network and on the waterways**, together with an assessment of favourable economic and environmental impact, will be available in June 2022.

❖ Main Items of the Study

- Data Collection of freight traffic on railway, road, and Inland-Waterways.
- Tables & Interactive Maps of traffic and transport volume in the EU Core Network.
- Identification of the "EU Backbone Network" (Most crowded sections of the Core Network Main Corridors).
- Definition, selection and analysis of EU socio-economic hubs and intermodal terminals & ports, in the "EU Backbone Network".
- Data collection of key characteristics of intermodal terminals & ports.
- Data collection, selection and analysis of main links, back-up links and feeder links interconnecting key intermodal terminals & ports.
- Forecast traffic & scenarios.
- Modelling of origin-destination traffic matrices.
- Analysis of capacity & bottlenecks in intermodal terminals & ports and interconnecting links, including the impact of passenger trains traffic.
- Identification of the best routes inside the "EU Backbone Network" of interconnection with Eurasian Transport System.
- Action Plan at short (2023), mid (2025) and long (2030) term:
 - Intermodal terminals & ports.
 - Interconnecting links (Railway & Barge), including transborder connection with neighbouring countries and Eurasian Outlook.
- Socio-economic and environmental results:
 - Required investments
 - Savings in VOC
 - Savings in travel transport time
 - Savings in environmental issues: reduced pollutant emissions, reduced GHG emissions, reduced number of accidents, ...
 - Net present value, Benefit-Cost Ratio, EIRR, GDP impact, ...
 - Possible financing resources
- Action plan dissemination:
 - FERRMED-EULER Declaration

- Meetings with European institutions
- Meetings with Transport Ministries of Member States
- Meetings with Transport Councillors of EU Regions (EULER)
- Meetings with key stakeholders
- FERRMED Conferences

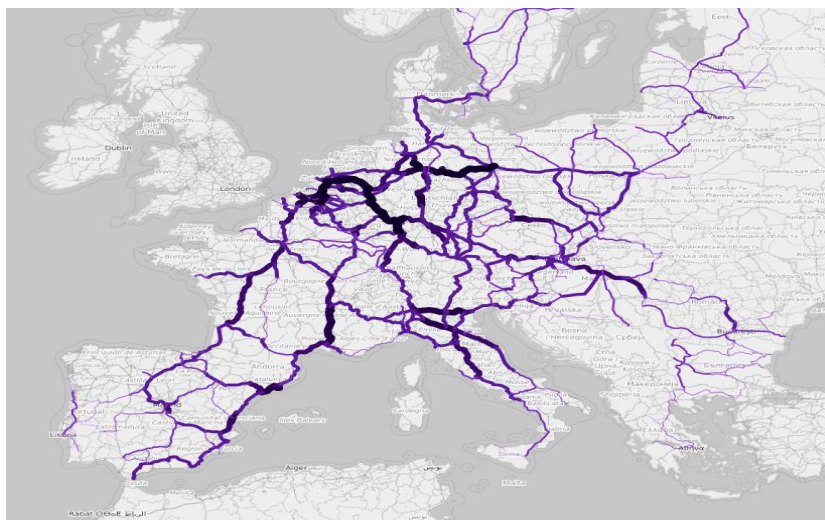
❖ **Launching of the EULER/R+D+4i Platform**

To reinforce the Action Plan's execution across the EU, FERRMED strongly support the EULER/R+D+4i Platform launching at EU level (EULER=European Union/Eurasian Locomotive Regions).

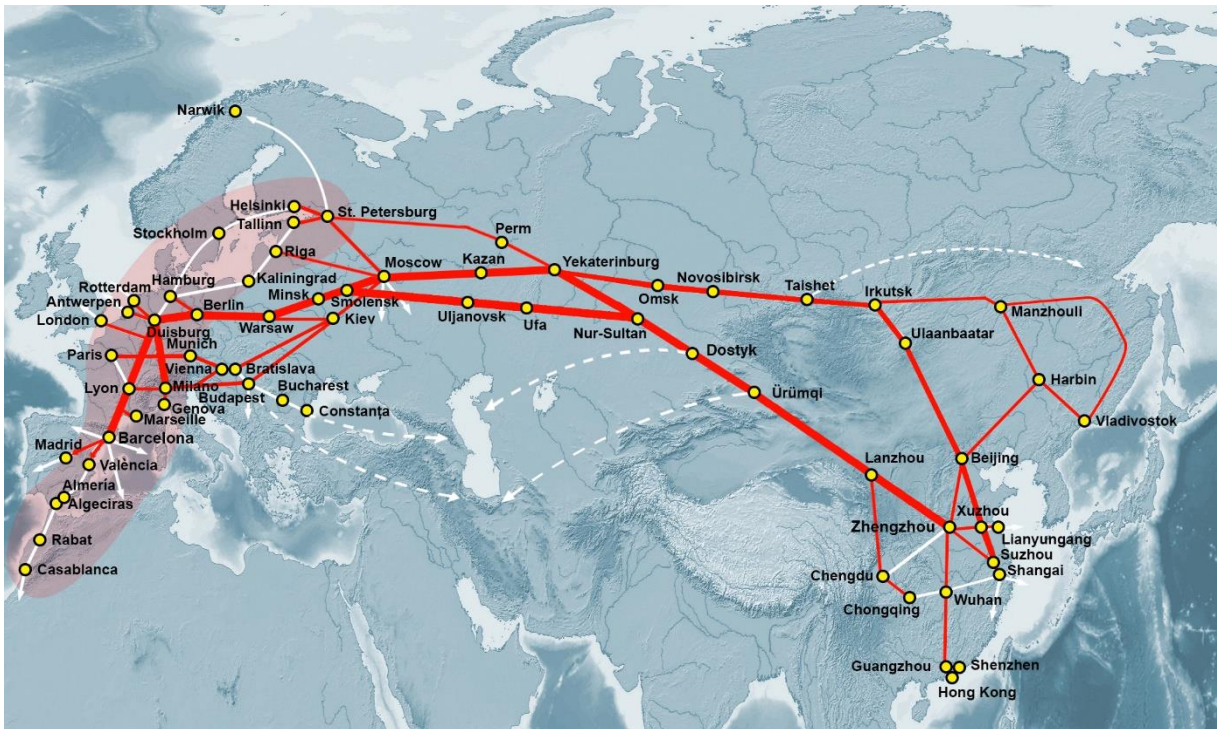
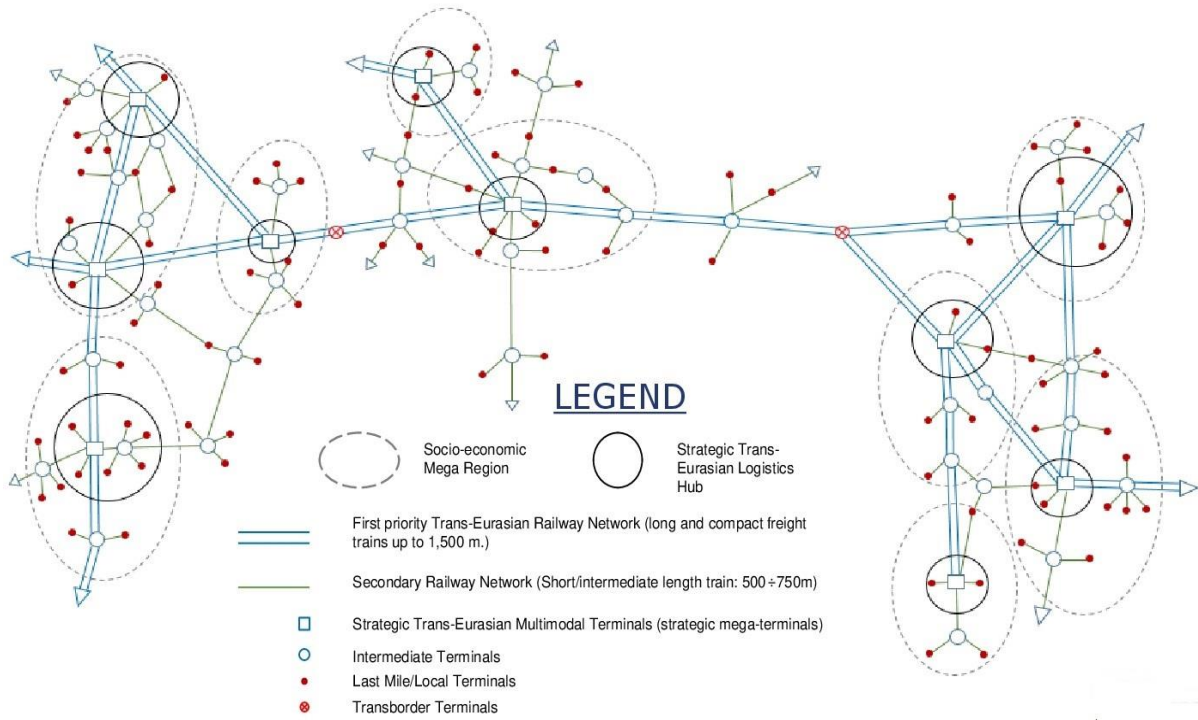
AIM OF THE CONFERENCE

- ❖ **To present the EU Backbone Network identification**
- ❖ **To make known the EU interactive maps of traffic and transport volume in the EU Backbone Network**
- ❖ **To introduce the EU strategic socioeconomics hubs' concept**
- ❖ **To make public the first approach of the improvement actions in intermodal terminals & marshalling yards, interconnection links and operation and rolling stock at EU level**
- ❖ **To present the proposal of the "FERRMED Fast Flexible Unaccompanied Rail-Road Integrated Transport system" (+FURRT)**
- ❖ **To indicate the first approach of the best routes inside the EU Backbone Network of interconnection with Eurasian Transport System**
- ❖ **To disseminate the FERRMED-EULER Declaration**
- ❖ **To present the collaboration with experts from different Eurasian countries**

THE EU LAND TRAFFIC MAP



FERRMED Study of Traffic and Modal Shift Optimization in the EU



The Conference is open to all stakeholders from private and public institutions and companies interested in the timely achievement of the socio-economic and environmental targets related to the trans-European logistics and transport system in accordance with the European Green Deal.

PROGRAMME

08:30	Opening of platform access
09:00	<p>Opening Session</p> <ul style="list-style-type: none"> - European Commission representatives - European Parliament representative - Eurasian countries governments representatives - EU Employers association representatives - CCTT Secretary General - FERRMED President
10:00	<p>Keynote speech</p> <ul style="list-style-type: none"> - Intermodal transport system optimization a key for the achievement of Green Deal targets and shippers competitiveness <i>Presented by Mr. Denis Choumert, President, European Shippers Council</i>
10:15	<p>Presentation of first partial results of the FERRMED Study of Traffic and Modal Shift Optimisation in the EU.</p> <ul style="list-style-type: none"> ❖ Main targets and development stages <i>Presented by Mr. Joan Amorós, FERRMED President</i> ❖ Data collection of traffic in the EU land transportation system <i>Presented by Mr. José María Ojea, FERRMED Advisor</i> ❖ Forecast traffic scenarios and modelling origin-destination matrices Determination of the EU Backbone Network <i>Presented by Mr. Efrain Larrea, MCrit Senior Analyst</i> ❖ Identification of the EU strategic socioeconomic hubs <i>Presented by Mr. Lanfranco Senn, Professor Emeritus, Bocconi University</i> ❖ Data collection of technical characteristics of intermodal terminals & marshalling yards and interconnection links <i>Presented by Mr. Lluís Bassas, FERRMED Advisor</i> ❖ Introduction of the EU interactive maps of traffic, transport volume and technical characteristics <i>Presented by Mr. Efrain Larrea, MCrit Senior Analyst</i> ❖ Description of the first approach to the improvement actions in intermodal terminals & marshalling yards and interconnection links to absorb the traffic according to EC Green Deal and White Paper on Transport <ul style="list-style-type: none"> - Analysis procedure and improvement actions <i>Presented by Mr. Arnau Ferrer, Senior Analyst</i> - Checking procedure <i>Presented by Mr. Henry Maillard, FERRMED Advisor</i> ❖ Description of the +FURRT integrated system proposal <i>Presented by Mr. Joan Amorós, FERRMED President</i> ❖ Improvement Actions in Operation and Rolling Stock <i>Presented by Mr. Valentí Ambrós, FERRMED Advisor</i> ❖ Key parameters and Ratios of the Study <i>Presented by Mr. Olaf Meyer Rühle, FERRMED Advisor</i> ❖ General scope of the socioeconomic and environmental analysis <i>Presented by Mr. Eduard Gràcia, UB Professor, FERRMED Advisor</i>
12:00	Coffee Break

12:20	<ul style="list-style-type: none"> ❖ Eurasian interconnection links <ul style="list-style-type: none"> – General trends in trans-Eurasian trade/traffic – Share of freight carried by the three main transportation modes: Vessel, Railway and Aircraft – Basic transportation costs and transit times. Vessel versus Railway versus Aircraft Break even points <p><i>Presented by Mr. Thierry Vanelslander, professor in the Antwerpen University</i></p>
12:40	<ul style="list-style-type: none"> ❖ Identification of best trans-Eurasian interconnection routes and hubs <ul style="list-style-type: none"> – Inside the EU – Eurasian scope <p><i>Presented by Mr. Joan Amorós, FERRMED President, Mr. Sven Andersen, FERRMED Advisor and Mr. Pierre Borgoltz, FERRMED Advisor</i></p>
13:10	<ul style="list-style-type: none"> ❖ Collaboration with Eurasian counterparts/experts <ul style="list-style-type: none"> ● CCTT <i>Presented by Mr. Gennady Bessonov, CCTT Secretary General</i> ● UIRR <i>Presented by Mr. Ralf Charley Schultze, UIRR President</i> ● Liuzhou Railway Vocational College <i>Presented by</i> ● Kazakhstan National Railways <i>Presented by</i>
13:50	Closing remarks
14:00	End of the Conference

Language of the conference: English.

The conference will be held via streaming. The link to access to the conference will be provided at due time.

Organized by FERRMED with the collaboration of: