

FERRMED CONFERENCE

Second Eurasian Connectivity and Industrial Cooperation Forum

TRANS-EURASIAN SILK ROAD RAILWAY LAND BRIDGE: NEW CHALLENGES IN INFRASTRUCTURE ROUTES, OPERATION AND ROLLING STOCK

**The business oriented approach to EU/Eurasian Core Network development to optimize
“One Belt One Road” logistics global chain**

***21st November : The Conference Centre BEL (Tour & Taxis), Avenue du Port
86c/3002, Brussels***

Presentation of the conclusions of the Forum to the European Parliament

22nd November : European Parliament, Brussels

MAIN TOPICS OF THE CONFERENCE (draft)

❖ KEY OBJECTIVES

To push a selective development of the Trans-European / Trans-Eurasian Railway Network, particularly for freight (bottleneck solving and implementation of FERRMED Standards of Reference).

Key issue: “Making today’s freight system work for business in a selective network”

Main targets are:

- Multimodal transportation flows optimization
- Drastic lead time reduction: ~50% and punctuality improvement
- Cost reduction: over 25%
- Freight trains able to carry 224 TEUS
- Lines capacity increase: over 50%
- “Pipeline” and “on land” meaningful stocks reduction (between 20% and 50%)
- Full “on line” information
- Optimized train paths allocation
- Payload increase (~ 2 Tonnes per wagon)
- Significant reduction of noise and vibration
- Derailment hazard and maintenance expenditure decrease
- Strong cut-back in GHG emissions
- Creation and consolidation of efficient freight train routes between Strategic Trans-Eurasian Multimodal Terminals
- Socio-economic Internal Rate of Return: ~11%

❖ GENERAL CRITERIA FOR ACTION

Structuring fully business oriented FERRMED Multisectoral Working Groups (FMWG) open to all interested partners in achieving the aforementioned key targets in the most crowded and strategic EU / EURASIAN Corridors.

Three FMWG are considered:

- Infrastructure (main lines and terminals)
- Operation (railway and full logistic chain)
- Rolling Stock (locomotives, freight wagons, transport units)

Priority development criteria:

- Socio-economic
- Environmental
- Multimodal outlook

Key organisations, including CCTT, CER, ERFA, OSJD, UIC, UIRR and UNECE are working to achieve these targets. FMWGs intend to focus on train length, terminal enhancement, loading gauge, rolling stock improvement and the implementation of new freight train routes in which several FERRMED members have deep knowledge and experience.

Bilateral agreements with these key organisations will be considered in order to avoid duplication of efforts.

❖ STRATEGIC TRANS-EURASIAN LOGISTICS HUBS

The optimisation of Trans-Eurasian railway performance requires a compatible network of Strategic Trans-Eurasian Terminals located in large industrial and logistics hubs that we call Strategic Trans-Eurasian Logistics Hubs.

These Hubs will generally be large urban areas with several million inhabitants belonging to a well-defined socio-economic mega-region. These hubs include many kinds of terminals. At least one of them must be a Strategic Trans-Eurasian Terminal focusing on multimodal transport.

❖ PRIORITY TRANS-EURASIAN RAILWAY NETWORK

FERRMED sees the Priority Trans-Eurasian Network as a backbone rail transport system linking the most important Eurasian Socio-Economic Regions by means of these regions' Strategic Trans-Eurasian Logistics Hubs. The main objective is to reduce cost and lead/transit times while assuring quality and safety on the main Trans-Eurasian routes, including the EU's Trans-European Backbone Rail Network (approx. 6000 km and 30% of the traffic of the EU Core Network).

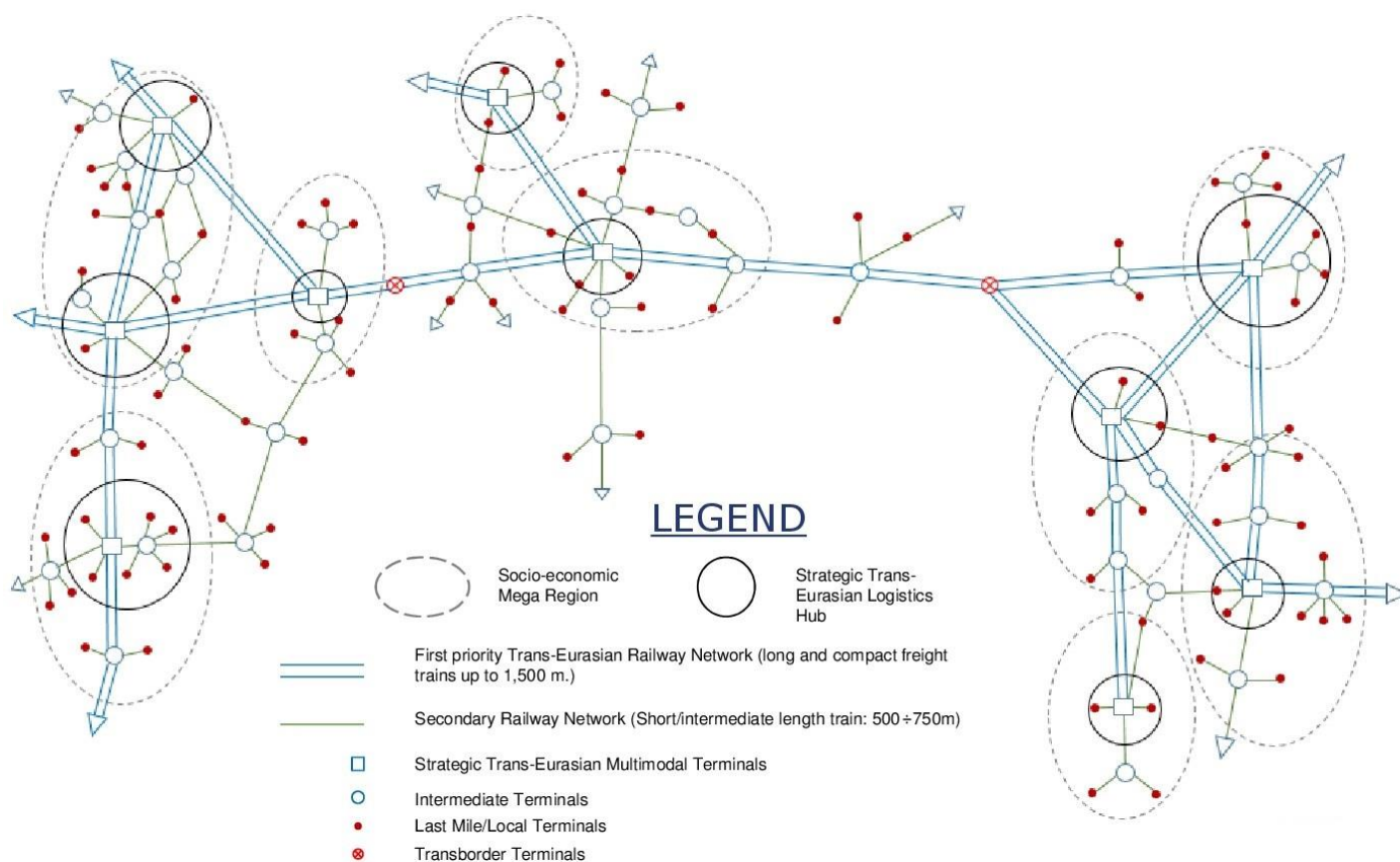
The central means for advancing is the implementation of a common body of criteria known as the "FERRMED Standards of Reference". These mainly concern train length, loading gauge, wagon characteristics, efficiency of inter-modal terminals and simplification of border crossing procedures, including integrated information technology and electronic documents flow.

Therefore, this selected network must be feasible for long and heavy trains of 1500 m length and 3600 to 5000 tons gross weight.

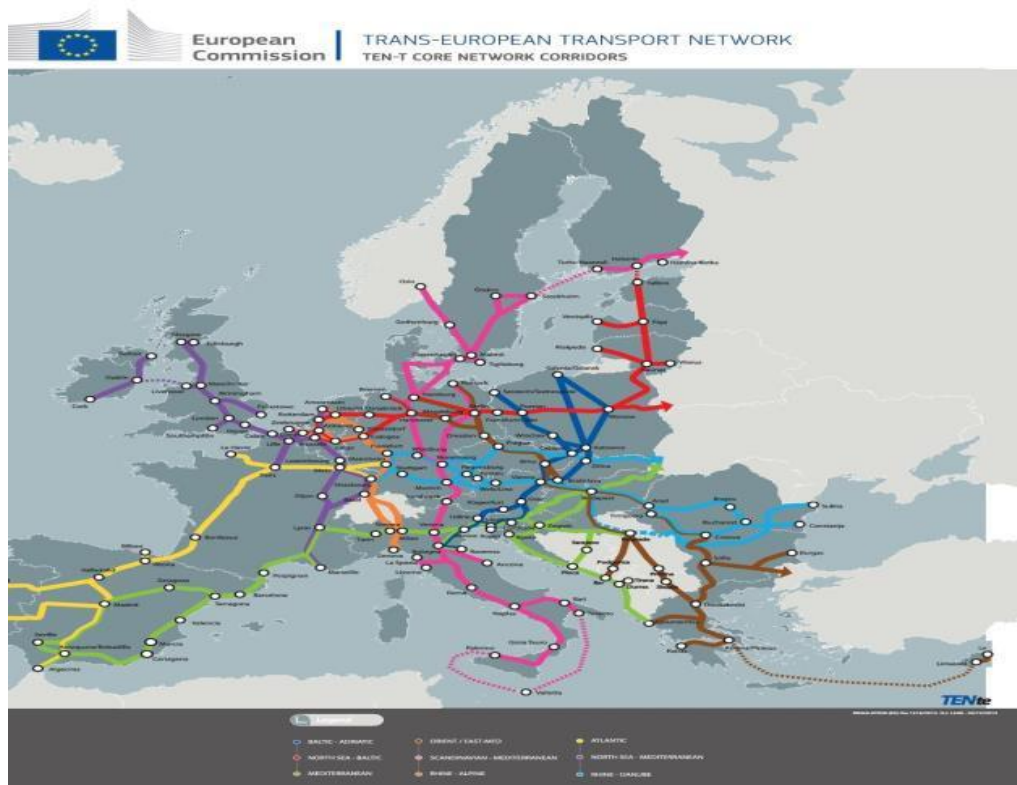
❖ PROPOSED PRELIMINARY ACTION PLAN

- Core Network priority Corridors selection
 - First priority: EU / Trans-Eurasian Backbone Rail Network
 - Second priority: EU / Trans-Eurasian Main additional Routes to Backbone Great Network
 - Third priority: EU / Trans-Eurasian Global Rail Core Network
- Development priorities
 - Short term (Rail breakthroughs) 2020/2021
 - Medium term 2025
 - Long term 2030

In the Conference all these main topics will be duly developed by key experts and specialists belonging to important companies, entities and associations involved in the FMWGs.

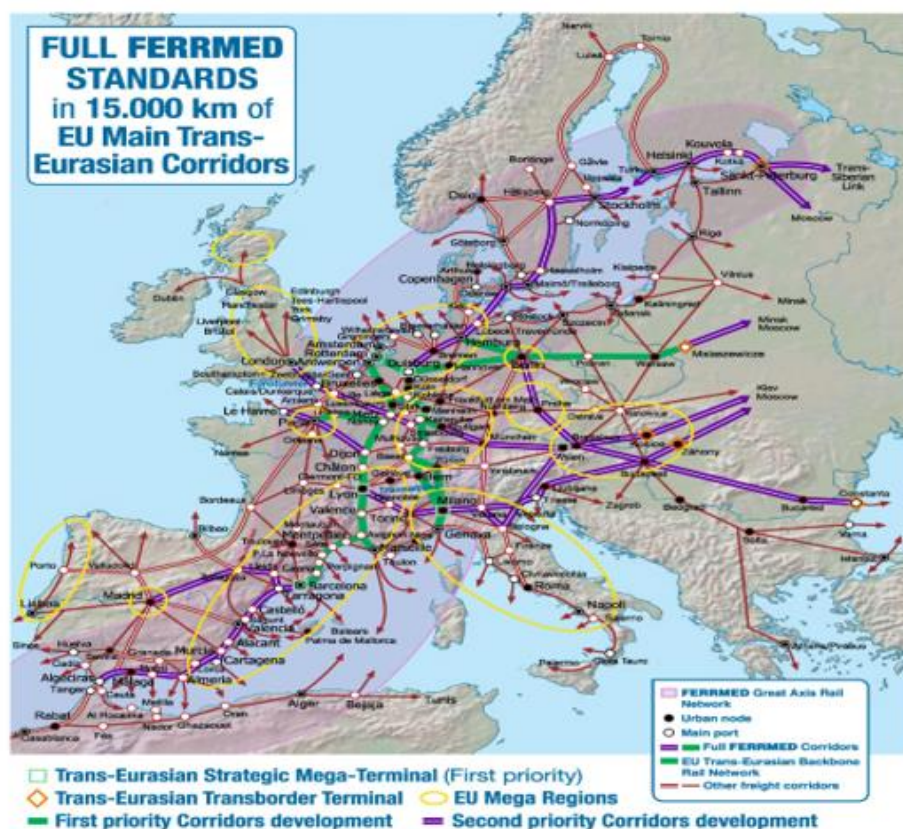


Trans-Eurasian Rail Network Concept



EU Core Network Main Corridors

FULL FERRMED CORRIDORS IN THE EU CORE NETWORK



First step:

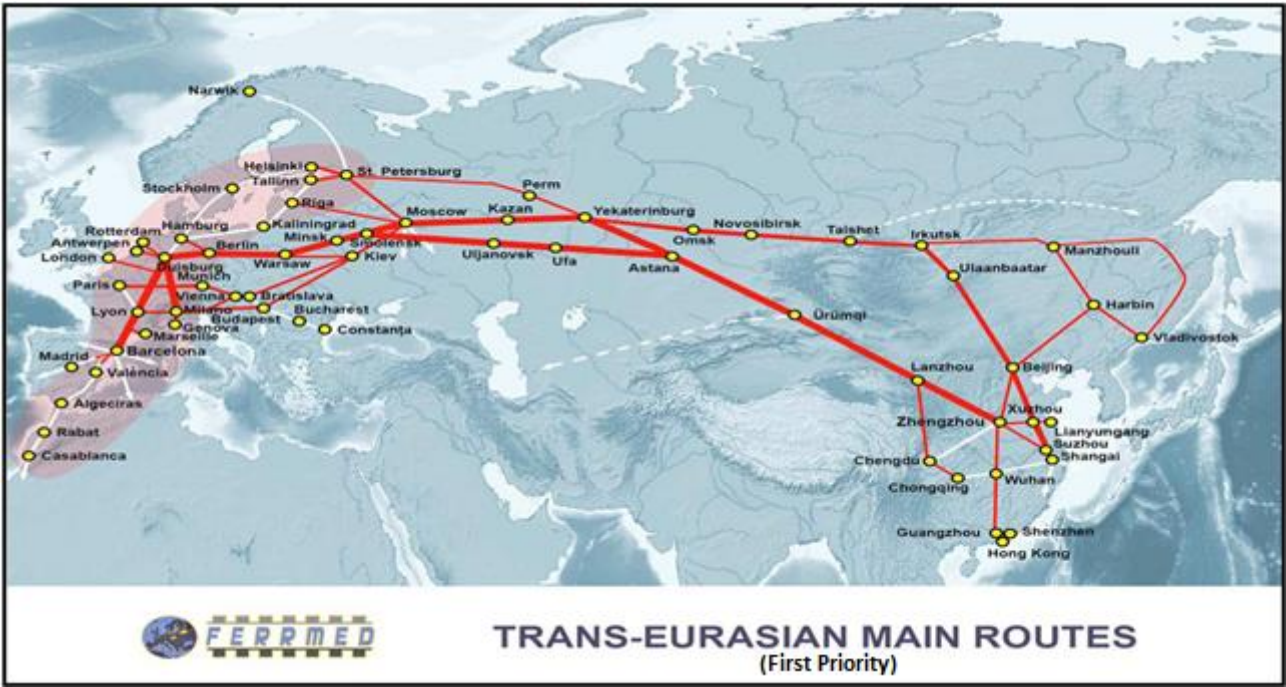
Trans-Eurasian Backbone Rail Network
(6.000 Km, approx. 30% of the EU Core network traffic)

Second step:

EU Main Trans-Eurasian Corridors (to reach 15.000 Km, approx. 60% of the EU Core network traffic)

(EU Core Network ~ 80.000 km)

Organized by:



21st November 2018

BEL Conference Centre BEL (Tour & Taxis), Avenue du Port 86c/3002, Brussels

Second Eurasian Connectivity and Industrial Cooperation Forum

PROGRAMME (Second approach)	
08:00	<p>Welcome & registration (first day)</p> <p>Accueil Café 8.30-9:00</p>
09:30	<p>Opening Session</p> <ul style="list-style-type: none"> • Mr. Ramón Luis Valcárcel, Vice-President of the European Parliament (tbc) • Belgian Government representative • European Commission representative • UIC representative • CER representative • OSJD representative • China government representative • FERRMED President
10:45	<p>Keynote Speech: The enhancement of the Trans-European and Trans-Eurasian rail freight system: a business-oriented Approach</p> <ul style="list-style-type: none"> • FERRMED President
11:00	<p>Trans-Eurasian trade multimodal transportation trends</p> <p><i>Introducer & Moderator:</i></p> <ul style="list-style-type: none"> • European Commission representative <p><i>Speakers:</i></p> <ul style="list-style-type: none"> • Antwerpen University representative • Russian University of Transport (MIIT) representative • Representative from the International Trade office of the Institute of World Economics and Politics, Chinese Academy of Social Sciences
11:30	<p>Shippers requirements regarding Multimodal Logistics Chain improvements</p> <ul style="list-style-type: none"> • European Shippers Council (tbc) <p>{In alternative: World Shippers' Association}</p>
11:45	Coffee break
12:15	<p>FERRMED Multi-sectorial Working Groups' plan proposal for Trans-European / Trans-Eurasian business oriented selective infrastructure development. Main topics and targets.</p> <p><i>Introducer & Moderator:</i></p> <ul style="list-style-type: none"> • Mr. Henry Maillard, FMWG Infrastructure coordinator <p><i>Speakers - Representatives of</i></p> <ul style="list-style-type: none"> • PKP • DB Netz • Infrabel • CIMALSA • BEST • KTL Kombi-Terminal • SNCF Réseau • ADIF • Trenitalia



	<ul style="list-style-type: none"> • SBB • CCTT • CRC
13:30	Networking lunch
14:45	<p>FERRMED Multi-sectorial Working Groups' plan proposal for Trans-European / Trans-Eurasian Railway operation and multimodal (door to door) improvement. Main topics and targets</p> <p><i>Introducer & Moderator:</i></p> <ul style="list-style-type: none"> • Mr. George Raymond, FMWG Operations coordinator <p>Speakers - Representatives of</p> <ul style="list-style-type: none"> • BASF • HUPAC • CIMALSA • BEST • KTL Kombi-Terminal • Antwerpen Rail Terminal • Hamburg Rail Terminal
16:00	<p>FERRMED Multi-sectorial Working Groups' plan proposal for Trans-European / Trans-Eurasian Rolling Stock new features (train length, locomotive freight wagon and transportation units recommended characteristics)</p> <p><i>Introducer & Moderator:</i></p> <ul style="list-style-type: none"> • Mr. Valentí Ambròs, FMWG Rolling Stock coordinator <p>Speakers - Representatives of</p> <ul style="list-style-type: none"> • Faiveley • MIIT (Moscow State University of Railway Engineering) • Tatravagonka • Stadler
17:00	<p>Strategic Trans-Eurasian Logistics hubs platform presentation</p> <p><i>Introducer & Moderator:</i></p> <ul style="list-style-type: none"> • FERRMED President <p>Speakers - Representatives of</p> <ul style="list-style-type: none"> • Zhengzhou People's Municipal Government • Stadt Mannheim • Antwerpen city council • Brussels region • Barcelona city council
17:30	Closing remarks and main conclusions
17:45	End of the first day

Simultaneous translation from English to Chinese, Russian, French and Spanish and vice-versa will be provided

Organized by:



22nd November 2018 (European Parliament)

Presentation of the Conclusions of the Forum to the European Parliament

10:30 – 11:00	Welcome and registration
11:00 – 12:00	Guided visit to the European Parliament
12.00	<p>Trans-Eurasian Railway Network gradual enhancement: Making today's freight system work for business in a selective network.</p> <ul style="list-style-type: none">• FMWGs proposal by Mr. Joan Amorós, FERRMED President• European Parliament remarks by the Chair (or Vice-Chair) of the European Parliament's Transport and Tourism Committee• European Commission remarks• European Railway Agency (ERA) remarks by Mr. Josef Doppelbauer, Executive Director, ERA• Russian Railways remarks• China Railways Corporation remarks• UIC remarks by Mr. Jean Pierre Loubinoux, UIC Director General (tbc)
13.15	<p>Final statement</p> <ul style="list-style-type: none">• Mr. Boguslaw LIBERADZKY, Vice-President of the European Parliament (tbc)
13.30	End of the Conference
13.30 - 14:30	Lunch at the European Parliament

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