



# **NEW ROLES FOR EUSDR AND 3 SEAS INITIATIVE UNDER RUSSIAN WAR IN UKRAINE AND GLOBAL CLIMATE OVERHEATING AROUND GEOGRAPHIC CENTRE OF THE EUROPE**

**EUSDR PA1b SC Meeting**

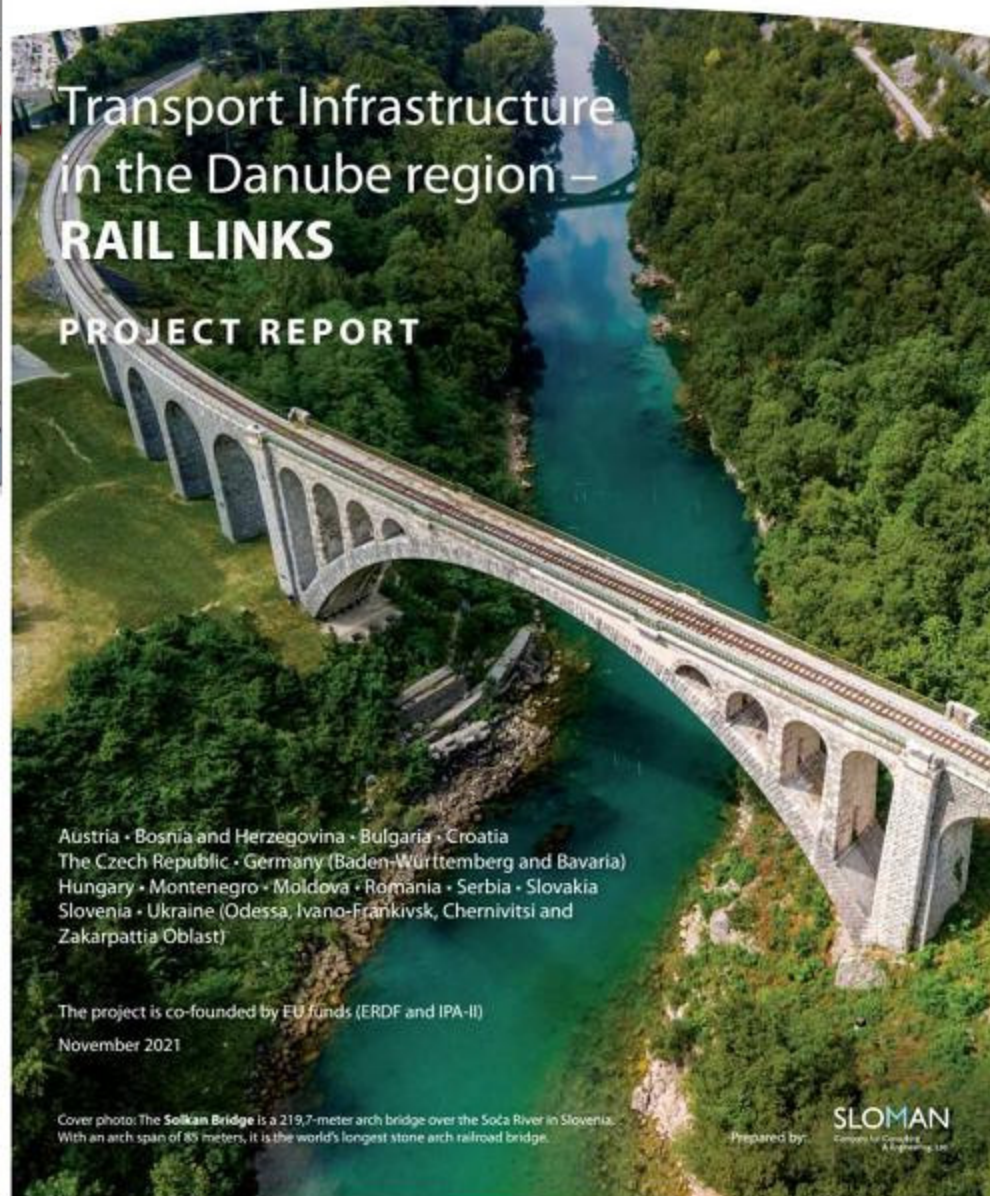
**May 5, 2022**

**Dr. Zinoviy BROYDE** [zinoviy.broyde@gmail.com](mailto:zinoviy.broyde@gmail.com)





# Transport Infrastructure in the Danube region – **RAIL LINKS** PROJECT REPORT



Austria • Bosnia and Herzegovina • Bulgaria • Croatia  
The Czech Republic • Germany (Baden-Württemberg and Bavaria)  
Hungary • Montenegro • Moldova • Romania • Serbia • Slovakia  
Slovenia • Ukraine (Odessa, Ivano-Frankivsk, Chernivitsi and Zakarpattia Oblast)

The project is co-funded by EU funds (ERDF and IPA-II)  
November 2021

Cover photo: The **Solkan Bridge** is a 219,7-meter arch bridge over the Soča River in Slovenia. With an arch span of 85 meters, it is the world's longest stone arch railroad bridge.

Prepared by:  
**SLOMAN**  
Consulting & Engineering Ltd.

## Railway system development in Carpathian area concerned EUSDR

- *Mr. Josef Zizler and Mr. Maximilian Bauernfeind, Federal Ministry for Transport, Innovation and Technology, Austria*
- *Mr. Miroslav Đerić and Mr. Mustafa Kovačević, Ministry of Communications and Transport, Bosnia and Herzegovina*
- *Mr. Petar Benov, Ministry of Transport, Information Technology and Communications, Bulgaria*
- *Mr. Jarmir Volf and Ms. Petra Holubickova, Ministry of Transport, Czech Republic*
- *Mr. Jonas Metzger, Ministry of Transport, Baden-Württemberg, Germany*
- *Mr. Harry Seybert, State Ministry for Housing, Building and Transport, Bavaria, Germany*
- *Mr. Gergely Gecse, Ministry of Innovation and Technology, Hungary*
- *Mr. Julian Postica, Ministry of Economy and Infrastructure and Ms. Mariana Scaletchi, Ministry of Economy and Infrastructure, Moldova*
- *Ms. Sanja Čarapić, Ms. Tanja Dasić and Ms. Belma Hasanović Ministry of Transport and Maritime Affairs, Montenegro*
- *Mr. Șerban Țupa, Ministry of Transport, Infrastructure and Communications, Romania*
- *Ms. Tamara Delić, Ms. Marija Nikić and Ms. Nevena Dučić Ministry of Construction, Transport and Infrastructure, Serbia*
- *Mr. Ľuboš Ďurič and Mr. Peter Špalek, Ministry of Transport and Construction, Slovakia*
- *Mr. Franc Žepić, Ms. Vlasta Kampaš-Jerenec, Ms. Anka Rojs, Ministry of Infrastructure, Slovenia and Mr. Franc Klobučar, SŽ – infrastruktura d.o.o.*
- *Ms. Kateryna Solianyyk, Ms. Ksenia Sokolova, Ms. Yulia Yaskovets, Ministry of Infrastructure and Mr. Zinaviy Broyde, Chernivtsi Regional State Administration, Ukraine.*



# CARPATHIAN TRANSPORT FOCUS OF THE EUROPEAN GREEN DEAL



**Policy areas** **Nowadays World & European Approach for the most overheated area of dense population on the Earth**

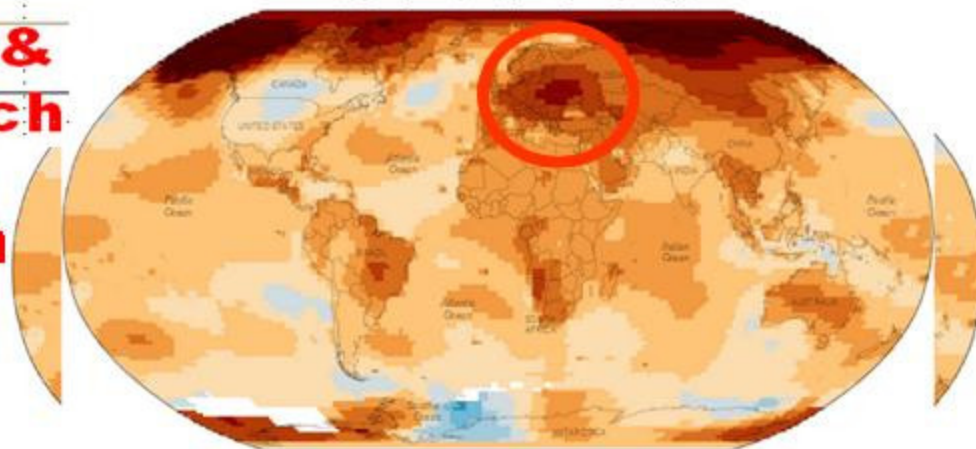
Clean energy



**Adina Valean** ✓  
@AdinaValean

**The New York Times** | <https://nyti.ms/35P1XFu>  
**2019 Was the Second-Hottest Year Ever, Closing Out the Warmest Decade**  
By **Henry Fountain** and **Nadja Popovich** Jan. 15, 2020  
Degrees cooler or warmer in 2019 compared to the middle of the 20th century

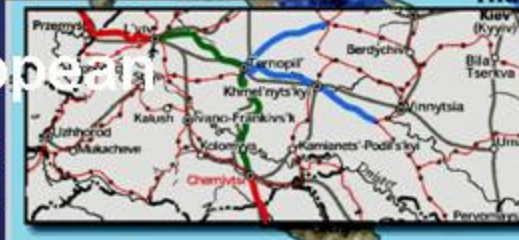
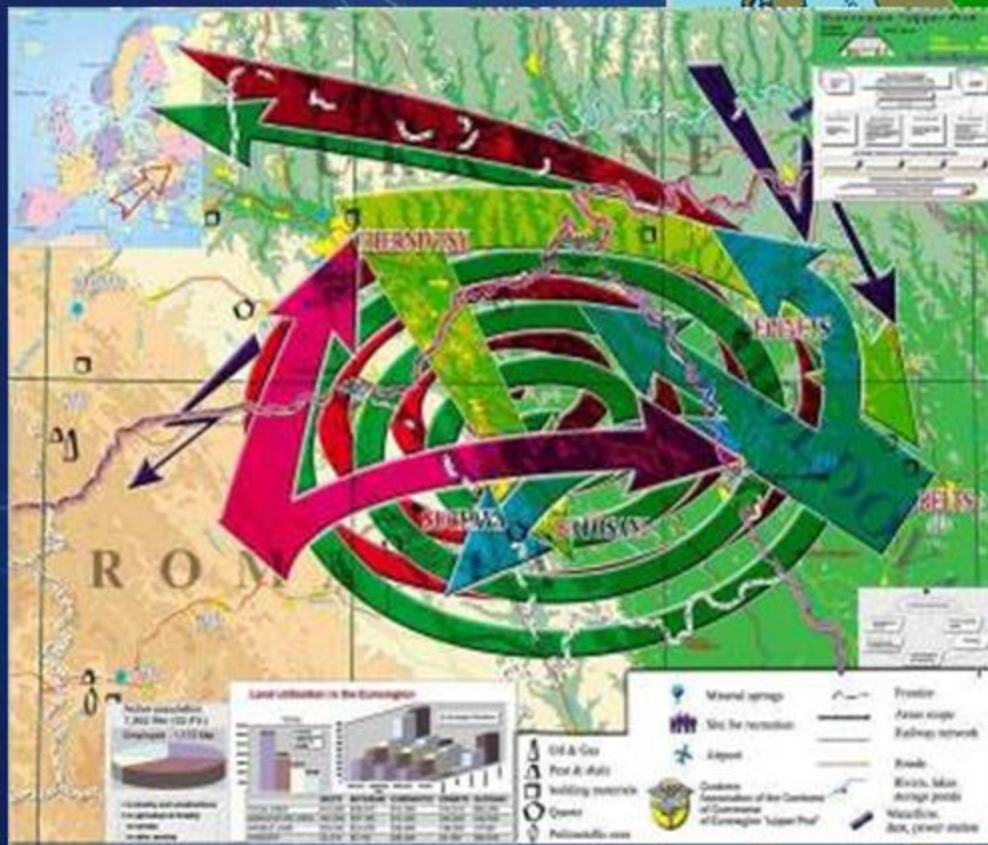
-2°C -1°C 0° +1° +2° +3° No data



As part of the **#EUGreenDeal** our aim is to move a significant part of the inland freight done by vehicles to rail and inland waterways. More capacity and multimodality solutions are needed.

Перевести твит





# Influence of Trans-European Transit Potential on the Economic Transfer and Regional Development



# На основі консенсусу

За словами румунсь-  
кого Президента

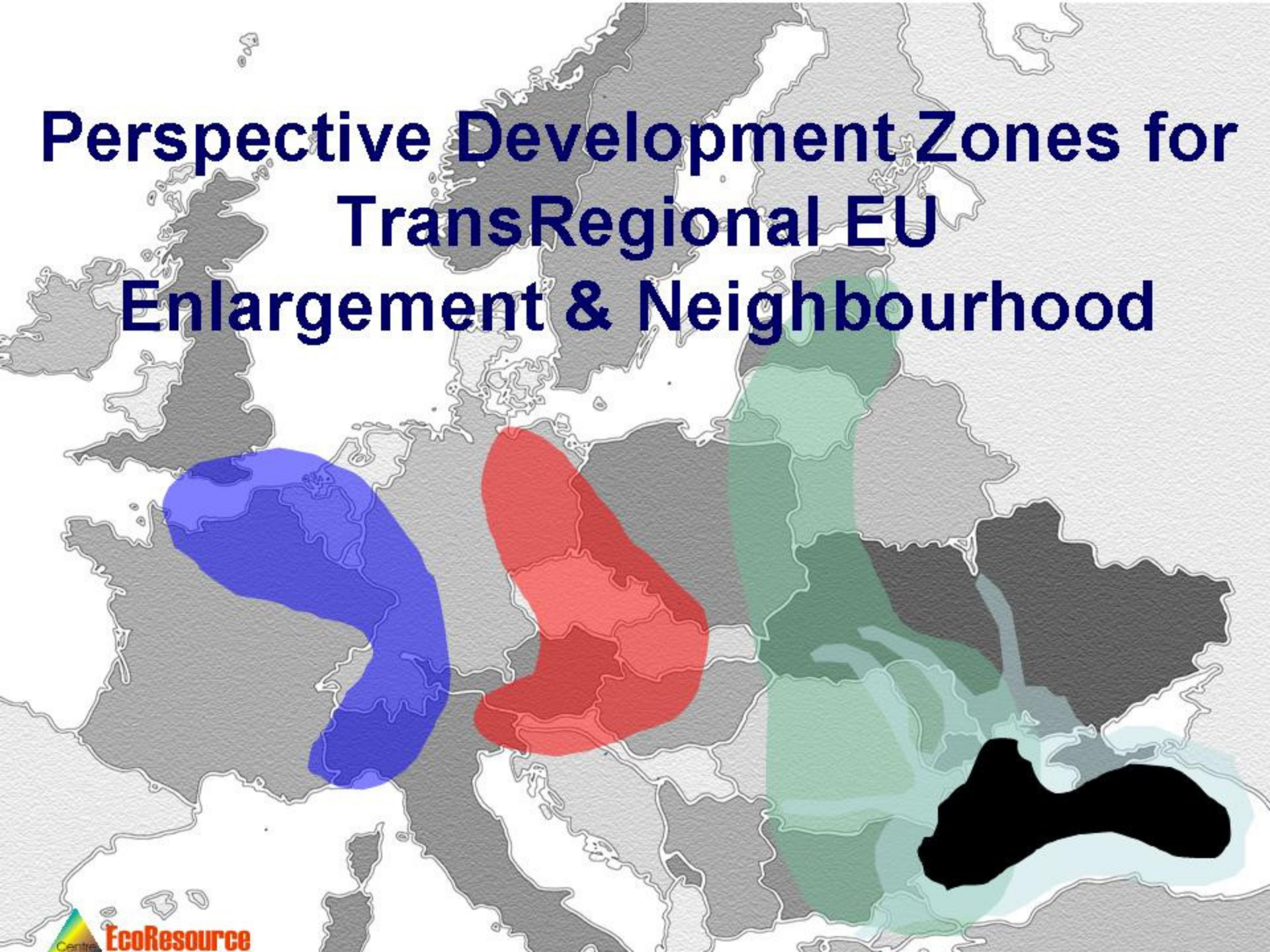
Румунсько-укра-  
їнський діалог має йти  
також по інших великих  
проектах, зокрема, щодо  
мереж транспортування  
нафти и газу, інтеграції  
енергетичних систем,  
модернізації та розши-  
рення комунікації —  
шосе, автострад, за-  
лізниць, особливо у кон-  
тексті співробітництва із  
сусідніми Польщею та

**Romanian –Ukrainian  
dialog should be about  
great projects, e.g. on  
Transporting, Energy  
Systems integration,  
modernization and  
widening of  
communications – Roads,  
Highways, Railways,  
especially in context of  
neighbouring Poland**

*(President of Romania I.Iliescu  
through visit to Ukraine ,  
“Governmental Courier”,  
19.09.2002 )*



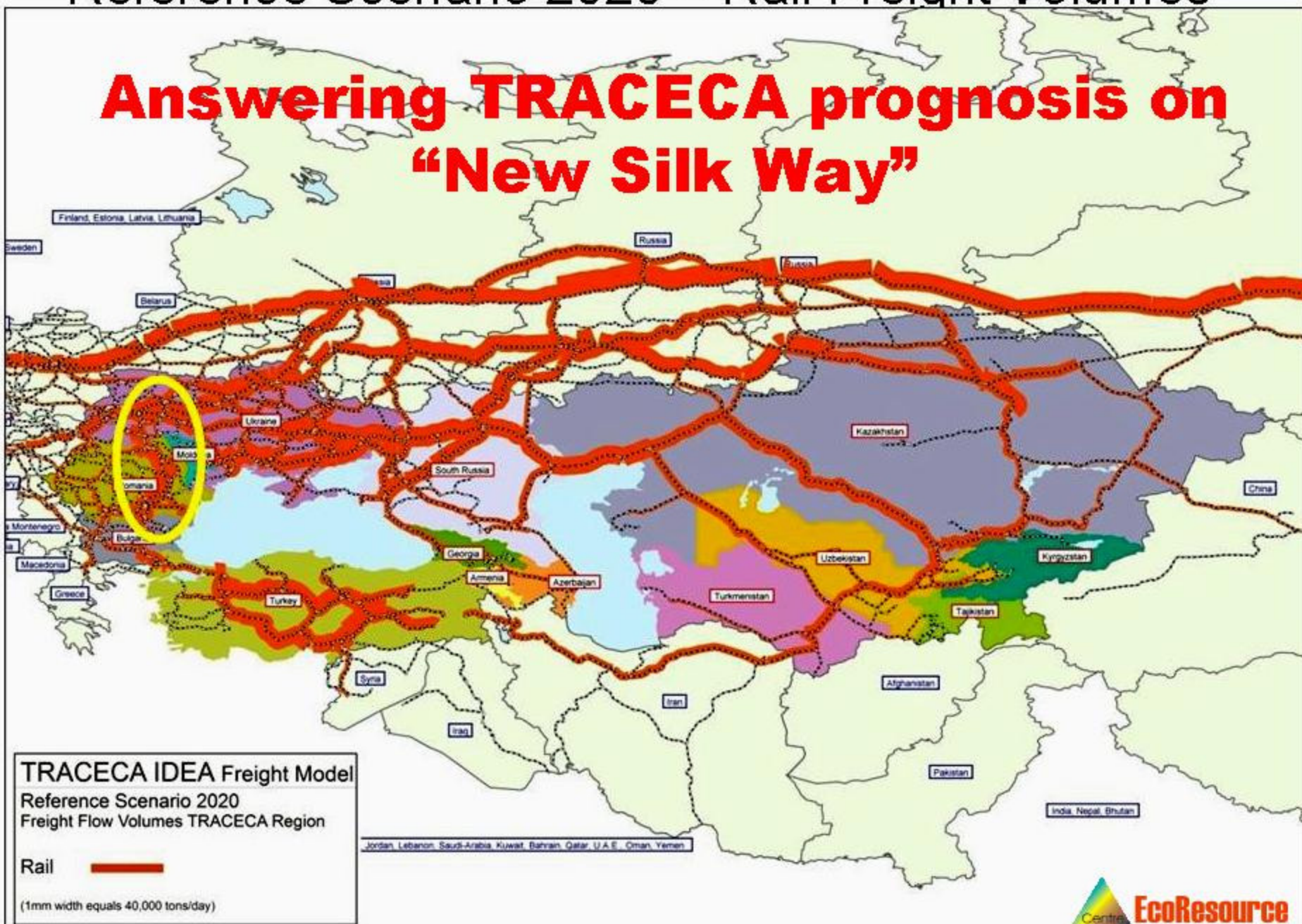
# Perspective Development Zones for TransRegional EU Enlargement & Neighbourhood





# Reference Scenario 2020 – Rail Freight Volumes

## Answering TRACECA prognosis on “New Silk Way”







# EU Council Conclusions of 13.04.2011 on EUSDR

COUNCIL OF  
THE EUROPEAN UNION

EN

## Council conclusions on the European Union Strategy for the Danube Region

*3083rd GENERAL AFFAIRS Council meeting  
Brussels, 13 April 2011*

12. STRESSES that the application of existing funds and financial instruments supporting the involvement of third countries participating in the implementation of the Strategy should be fully aligned with relevant external EU strategies and policies which also determine the relevant external lending mandates of the European Investment Bank.
13. STRESSES the importance of due involvement of all EU Member States and all interested stakeholders on transnational, regional and local level, as appropriate, in the implementation of the EU Strategy for the Danube Region.
14. While stressing the primarily internal character of the strategy and the necessity to preserve the integrity of the EU decision making, ACKNOWLEDGES that the inclusion and participation of third countries is crucial if the desired objectives of the strategy are to be achieved;
18. INVITES the Member States concerned and the Commission to explore the possible interconnections and synergies between the two existing macro-regional strategies, namely the EU Strategies for the Baltic Sea Region and the Danube Region. CALLS ON the European Commission to ensure on this basis the coherent development of both macro-regions, including infrastructural connections between them.



EcoResource



# Approved by EU Commission on 09.11.2018 indicative maps of

16.7 Indicative map of the core network in Ukraine, roads  
Comprehensive Network: railways, ports, rail-road terminals and airports  
Core Network: Railways, ports, rail-road-terminals and airports  
Eastern Partnership Transport Network: Ukraine

16.8 Indicative map of the core network in Ukraine, roads  
Comprehensive & Core Networks: Roads, ports, rail-road terminals and airports  
Eastern Partnership Transport Network: Ukraine

## Eastern Partnership transport connections for Ukraine



### RAILWAYS

Comprehensive	Core	Comprehensive	Core	Comprehensive	Core
—	—	—	—	✈	✈
—	—	—	—	✈	✈
—	—	—	—	✈	✈
—	—	—	—	✈	✈



### and AUTOROADS

Comprehensive	Core	Comprehensive	Core	Comprehensive	Core
—	—	—	—	✈	✈
—	—	—	—	✈	✈
—	—	—	—	✈	✈
—	—	—	—	✈	✈



# CONNECTIONS AMONG TEN-T CORRIDORS BETWEEN ROMANIA – UKRAINE – POLAND BYPASS CARPATHIANS & ACCROSS – TO HUNGARY, SLOVAKIA - FOR 3SI AIMS

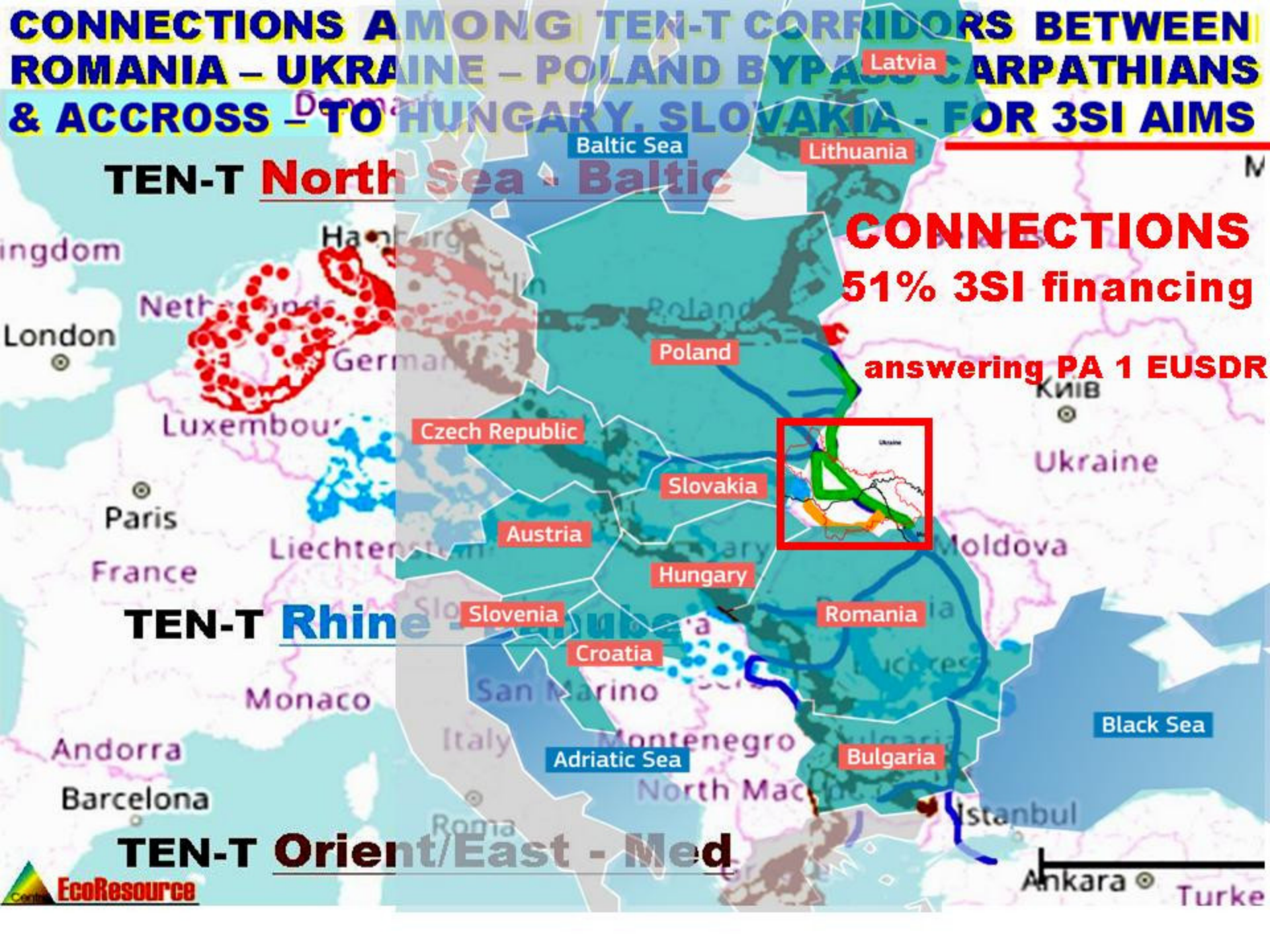
**TEN-T North Sea - Baltic**

**CONNECTIONS**  
**51% 3SI financing**

**answering PA 1 EUSDR**

**TEN-T Rhine - Danube**

**TEN-T Orient/East - Med**





**Renewal railway connection via existent rail 1520 mm through Geographic Center of Europe in Carpathians between all boundary oblasts of Ukraine in area of EUSDR & neighbouring regions of Romania, Hungary, Slovakia,**

### K O N W E N C J A

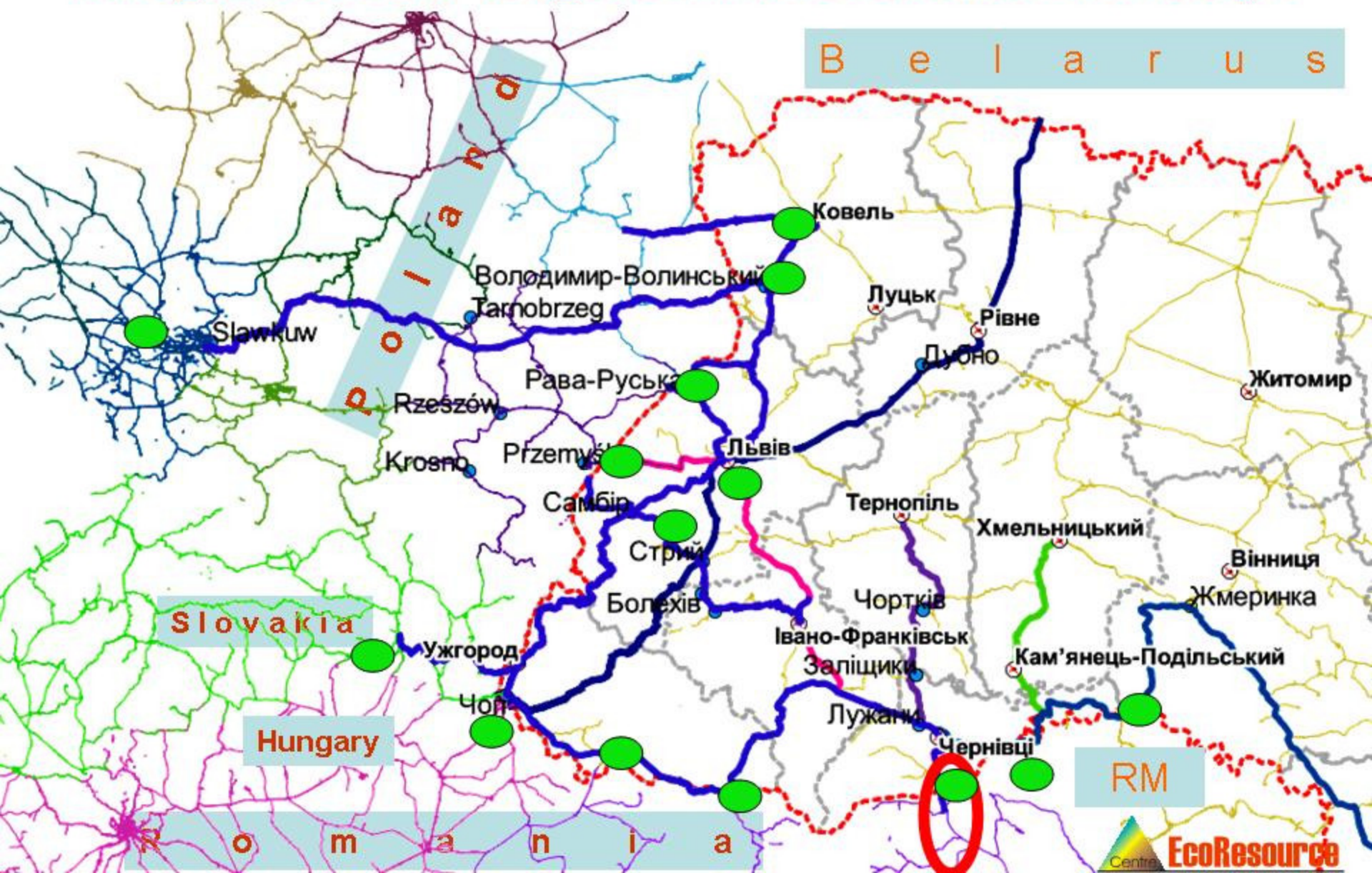
między Rzeczpospolitą Polską, Królestwem Rumunii i Republiką Czeskosłowacką o wolności tranzytu kolejowego z Rumunii do Rumunii przez terytorjum polskie i czeskosłowackie na odcinkach kolejowych pomiędzy stacjami Grigore Ghica Vodă—Sniatyn—Zalucze—Woronienka—Jasiňa i Valea Visaului, podpisana w Pradze dn. 9 listopada 1929 r.



**For better access to main touristic-recreational areas of Carpathian & Black Sea regions it's necessary to renew through connection from Zhmerinka station via actual rail, which from the end of XIX c. served as shortest way from East & North through territory of Ukraine to Southern Europe, what makes essential impact on the character of most backward communities development in all mentioned border regions**



# Potential of 1520 mm contrailer freight traffic from/into/through HU, SK, UA, RO, PL, MD integrated with neighbour EU countries railways





# RECOMMENDATIONS FOR FINANCING

SIIM KALLAS

VICE-PRESIDENT OF THE EUROPEAN COMMISSION

Brussels, 10.07.2014  
JL/ics - Ares(2014) 2295560

Mr Maksym Burbak  
Ministry of Infrastructure of Ukraine  
14, Peremohy ave.  
Kyiv 01135  
Ukraine

Dear Minister, *Dear Maksym,*

I would like to thank you for your letters dated from 12 and 20 May and addressing several transport-related issues, thus paving the way for a new impetus for our relations in this field following the signature of the EU-Ukraine Association Agreement.

First of all, I would like to express my appreciation for the initiative taken by Ukraine to improve the connections between your country and several EU Member States, namely Poland, Slovakia and Romania.

The EU aims to foster closer relations with its neighbours and acknowledges the importance of better connections in achieving deeper economic integration and closer political association. With the adoption of the Trans-European Transport Network (TEN-T) and the Connecting Europe Facility regulations for the 2014-2020 period, the Union can support projects of common interest connecting the TEN-T with the infrastructure networks of neighbouring countries.

In my view, the construction of the European standard gauge line from Poland to Romania, via the territory of Ukraine (the "Euroline" project), has a strategic importance for the improvement of connections between Ukraine, Poland and Romania, but also for the wider Black Sea and Baltic Sea regions. The project is located on the TEN-T core network in Poland and Romania, as well as on the indicative extension of the TEN-T to Ukraine, as regards the comprehensive network for railways. The route described in your letter from 20 May passes through the border crossing points listed in the TEN-T Guidelines (Regulation (EU) 1315/2013 on Union guidelines for the development of the trans-European transport network), which are Przemyśl between Poland and Ukraine, and Vikshani between Romania and Ukraine. Therefore, the Commission considers that the "Euroline" project passing through the above-mentioned border-crossing points is well worth examining as it is of interest for the EU, as well as for the connections between the TEN-T and the transport infrastructure network of Ukraine.

**from Vice-president  
of the EU Commission**

In this context the European Commission would also be ready to engage in discussions on how the project would relate to the existing standard gauge line linking Slovakia, Hungary and Romania via Ukrainian territory. This line also connects with the core TEN-T network in Slovakia (Chop/Cierna nad Tisou) and with the comprehensive network in Romania (Dyakovo/Halmeu) and is also part of the TEN-T network (as indicative) of Ukraine.

I take this opportunity to ensure you of the Commission services' availability to hold quadrilateral meetings with the transport authorities of the relevant countries for more detailed discussion regarding the projects, their market relevance and their possible final route. Also, the Commission takes note and supports the initiative of Ukraine to hold trilateral meetings between Ukraine, Poland and Romania, aiming to further develop their railway and road connections.

I take this opportunity to express my conviction that the overall cooperation between EU and Ukraine in the field of transport will be strengthened in the future.

Yours sincerely,

*S. Kallas*  
**from 14 EU countries**



## LETTER OF RECOMMENDATION

### To whom it may concern

The Steering Group of the Priority Area 1b: To improve mobility and multimodality-road, rail and air links, made up of representatives from the Danube Countries (nominated by their governments), has pre-examined the project *»Restoration and further development of Ukraine's transit potential between major nodes of Pan-european transport network«* by using silent consent written procedure which started on 23<sup>rd</sup> March and was closed on 4<sup>th</sup> April 2012. No objections were received.

The conclusion is:

The project *»Restoration and further development of Ukraine's transit potential between major nodes of Pan-european transport network«* contributes to the actions of the EU Strategy for the Danube Region. Hence, the Steering Group - representing the Danube Countries - invites the funding sources to consider providing adequate financial support to the project.

Date,  
6 April 2012  
Priority Area Coordinator

Priority Area Coordinator

Franc Žepić

Miodrag Poledica

*Franc Žepić*

*Miodrag Poledica*



# TRANSIT POTENTIAL OR UA-RO BORDER CROSSING RAILWAYS

Harta rețea teroviara primara, secundara și terțiara

## Chernivtsi

## Vicșani Vadul-Siret



MINISTERUL DEZVOLTĂRII REGIONALE  
ȘI ADMINISTRAȚIEI PUBLICE

OFFICE OF THE VICE PRIME MINISTER  
No. 127, 119

To: Mr. Dr. ZBORNYI S. BRUYDE  
Director of Centre "EcoResource" (State Scientific and Technical Centre for Inter-  
sectoral and regional Problems of the Environmental Safety and Resource  
Conservation)  
Counselor of the Head of the Regional State Administration Council

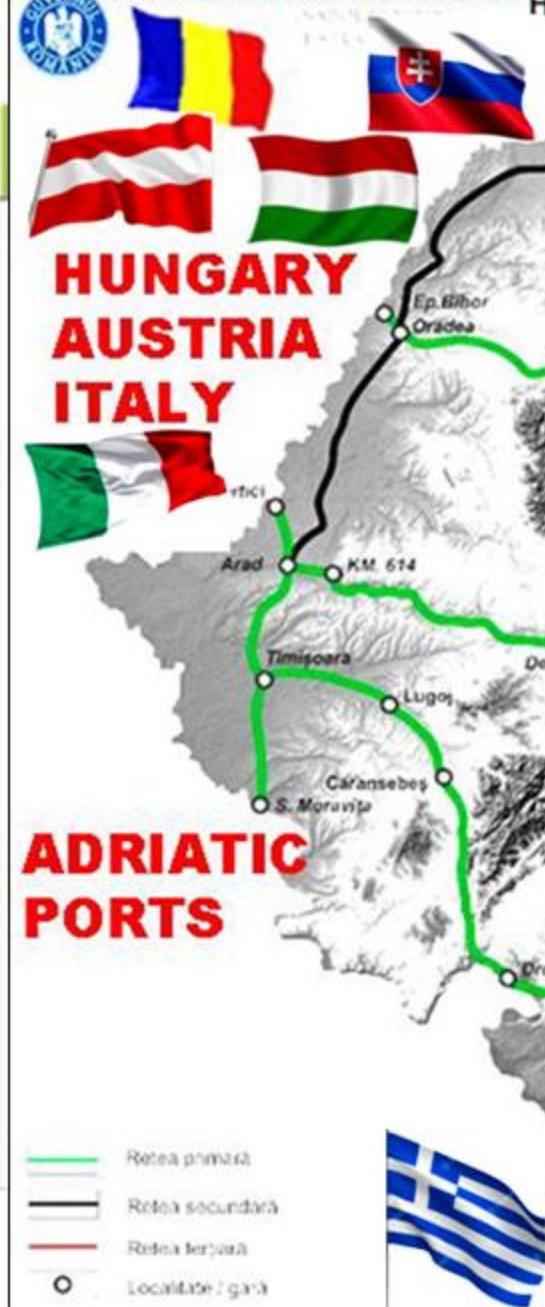
Dear Mr. Dr. ZBORNYI S. BRUYDE,

Considering the proposals submitted to the Ministry of Regional Development and Public  
Administration, in electronic form dated on 02.08.2019 and the letter no. 10.2019 from  
12.03.2019 that was addressed to our institution's leadership by Mr. Mihailo PAULIC, the  
Member of the Regional State Administration Council, received in electronic format on  
02.08.2019, we provide the following:

By analyzing the addressed projects via links in the mail, it becomes apparent that the  
addressed domain refers mostly to the cross border transport infrastructure, network rail and  
transport road meant to cross Ukraine, thus ensuring a connection between Romania and  
Poland. From a strategic point of view, this also corresponds to the strategic direction  
contained in the project of Territorial Development Strategy of Romania (SDTR), which is  
currently in the approval procedure by law. However, the development and diversification of the  
transport system on the north-south direction that links the Baltic in Balkan space is one of  
the significant actions to harness the position of the national territory highlighted in draft  
SDTR, within specific objective 1.1. The development of an efficient and diversified network  
capable to ensure the free management of the people and the goods generated by the  
economic exchanges between the national territory and the European space. When it comes to  
the project of the prevention and protection against floods, we cannot offer an opinion  
because it is not in the scope of the powers of our institution.

Best regards,

VICE PRIME MINISTER,  
MINISTER OF REGIONAL DEVELOPMENT AND PUBLIC ADMINISTRATION  
VASILE DANIIL SIORU



## MEDITERRANEAN

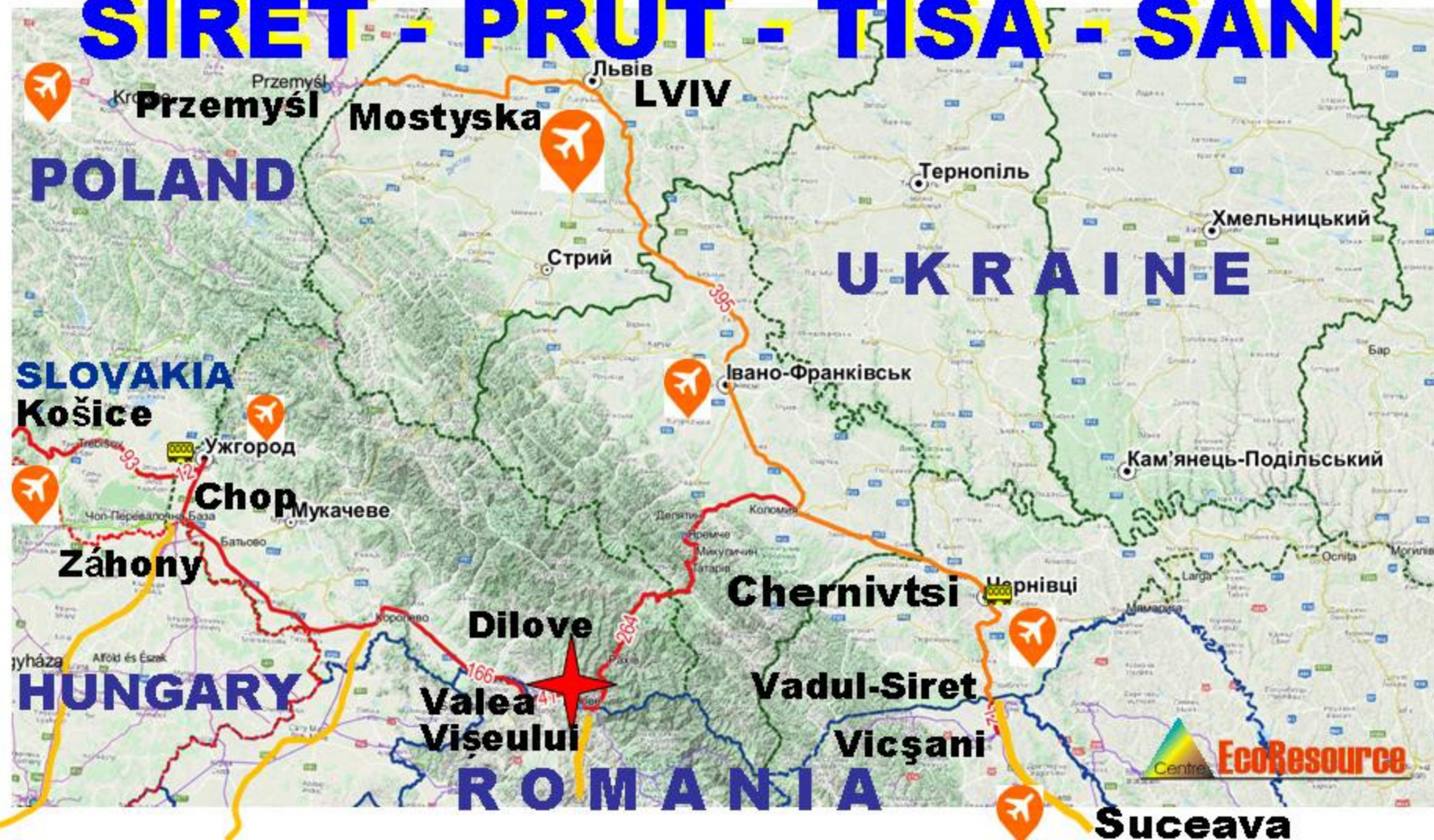
## MIDDLE EAST

0 160 200



**RENEWAL END-TO-END TRAFFIC BY EXISTENT  
UA-RO-HU-SK-PL RAILWAYS FOR TRANSREGIONAL  
CONNECTIONS ACROSS & BESIDE GEOGRAPHIC CENTRE  
OF EUROPEAN CONTINENT & BETWEEN TOURISTIC-  
RECREATIONAL ZONES OF CARPATHIANS**

# **SIRET - PRUT - TISA - SAN**







Head of Division  
Eastern Partnership – Bilateral Relations

DIRECTORATE Russia, Eastern Partnership, Central Asia  
Regional Cooperation & OSCE

Brussels, 7 May 2021  
EURCA.EAST.2 (2021) RT/ 2289904-3432750

Mr. Zinoviy S.BROYDE  
Director of Centre "EcoResource"  
2, Kobyljanska str.  
Chernivtsi 58002 UKRAINE  
[broyde@sacura.net](mailto:broyde@sacura.net) [zinoviy.broyde@gmail.com](mailto:zinoviy.broyde@gmail.com)

Dear Mr Broyde,

Thank you for your letter, dated 24 March, to Josep Borrell, High Representative/Vice-President.

The EU welcomes regional integration, improved joint-up infrastructure and projects of common interest.

You refer to the collaboration of the eight Carpathian countries (Austria, Czechia, Hungary, Poland, Romania, Serbia, Slovakia and Ukraine) in the heart of the European continent, which have common historic roots in infrastructural, socio-economic, environmental and other key aspects and should push cooperation forward.

I subscribe to your view that the upcoming Ukrainian Presidency in the EU Strategy for the Danube Region (EUSDR) provides an opportunity to enhance current and prospective EU approaches and look for more synergies between the projects.

The European Union is supportive of projects furthering regional integration that foster joint solutions towards climate change and economic development.

Yours sincerely,

[e-signed]  
Richard Tibbels



EUROPEAN COMMISSION

Cabinet of Commissioner Adina Vălean  
Head of Cabinet

Brussels, 006.04.2022

Dr. Zinoviy S.BROYDE  
Director of Centre "EcoResource"

Email: [zinoviy.broyde@gmail.com](mailto:zinoviy.broyde@gmail.com)

Dear Mr Broyde,

Thank you for your message dated 16 March 2022 concerning the transport logistics of refugees fleeing Ukraine to and via Romania.

The information that you shared is relevant indeed and will be taken into account in the assessment of the situation in Ukraine and in the neighbouring EU Member States. The Directorate-General for Mobility and Transport (DG MOVE) is working closely with the Member States to monitor and coordinate efforts aimed at improving the transportation of Ukrainian refugees, including by railways. In this regard, I will instruct DG MOVE to share this information with our contacts in the Romanian transport administration.

As regards the specific "Proposal for Ukrainian refugees transfer to Romania via Chernivtsi by railway" enclosed in your message, I understand that it is directed to the Romanian authorities and concerns specific operational issues (special rail transport services, border control, train capacity and timetable, etc.) to be agreed upon by the relevant authorities of Ukraine and Romania. I also noted the related exchanges that you had last year with the Romanian authorities as well as with the European External Action Service and the Commission's Directorate-General for Regional and Urban Policy (enclosed in your message). On these aspects, I would advise you to liaise directly with the Romanian Ministry of Transport and Infrastructure and with the competent organisations involved in the management of railway operations in Romania.

Yours sincerely,

(e-signed):

Walter GOETZ

**SUPPORT FROM EXTERNAL & TRANSPORT  
POLICY OF THE EU COMMISSION**

Electronically signed on 06/04/2022 10:29 (UTC+02) in accordance with Article 11 of Commission Decision (EU) 2021/2121



СПІЛЬНИМИ ЗУСИЛЛЯМИ !



VIRIBUS UNITIS !



**Thanks for your attention!**



[zinoviy.broyde@gmail.com](mailto:zinoviy.broyde@gmail.com)

**050-5128698**