



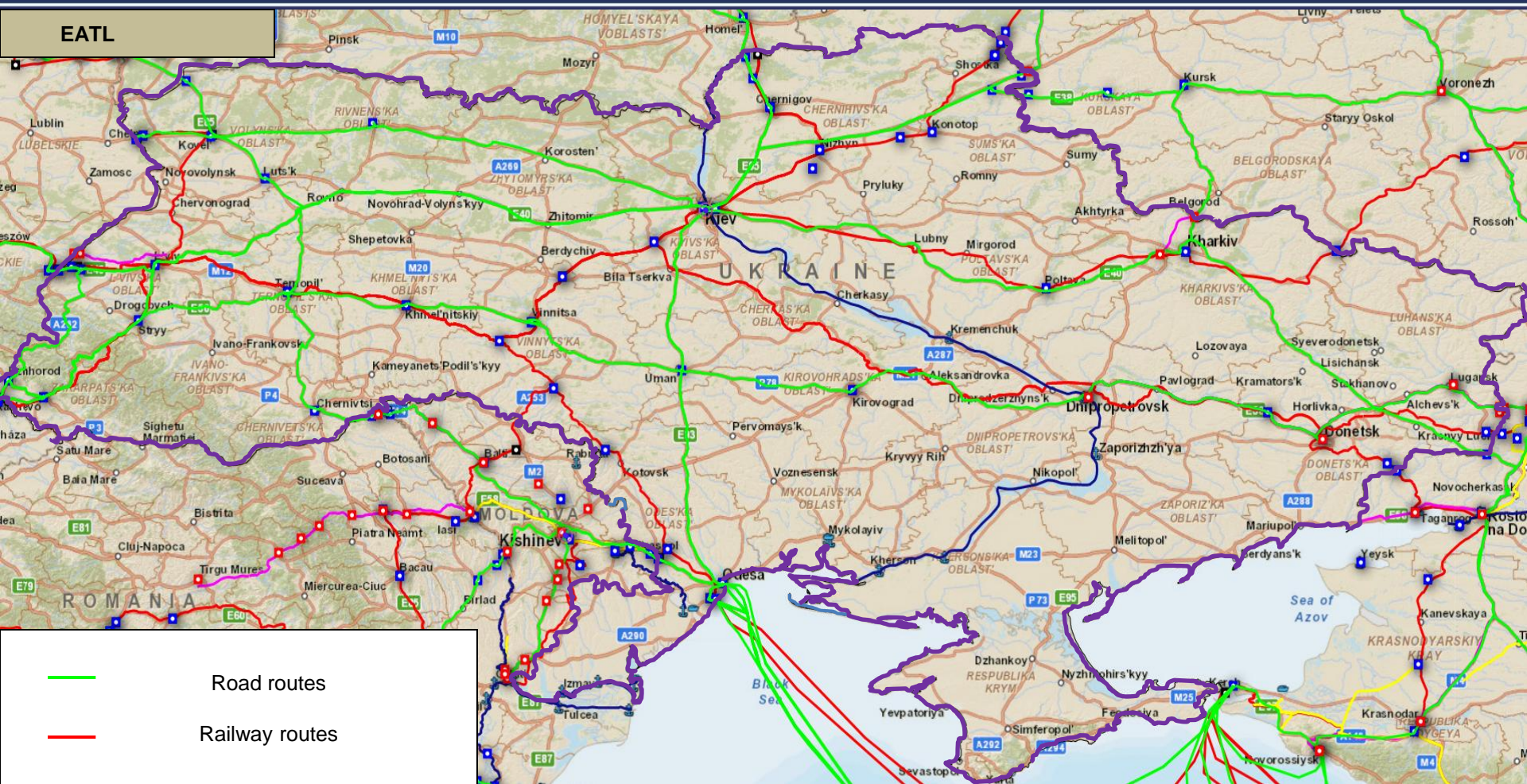
**MINISTRY OF INFRASTRUCTURE OF  
UKRAINE**

# **PRIORITY INFRASTRUCTURE PROJECTS OF TRANSPORT SYSTEM OF UKRAINE**

**Joint Seminar  
"Funding for transport infrastructure projects"  
Geneva, 10 September 2013**



# EURO-ASIAN TRANSPORT LINKS PASSING THE TERRITORY OF UKRAINE



# CHARACTERISTICS OF TRANSPORT SYSTEM OF UKRAINE



Length of railway lines - 22 thousand km

Fleet of cars:

freight- 136,7 thousand units

passenger - 7,4 thousand units



Sea trade ports— 18

Private stevedore complex - 13

River ports - 11



Public roads- 169,5 thousand km, including:

State significance - 21,1 thousand km

Local significance - 148,4 thousand km

Airports - 30, including 9 strategic

Passenger Airlines— 38



Road carriers - 108 thousand,  
including 51,4 thousand – freight transportation



# TRANSPORT DEVELOPMENT POLICY OF UKRAINE

## **Transport Strategy of Ukraine till 2020 year (Resolution of the Cabinet of Ministers of Ukraine from 20.10.2010 № 2174)**

Main directions of the Strategy:

- ✓ development of transport infrastructure
- ✓ rolling stock renewal
- ✓ improvement of investment climate
- ✓ improvement of availability and quality of transport services
- ✓ integration of national transport system into European and international transport systems
- ✓ improvement of efficiency of public administration in transport field
- ✓ ensuring the safety of transport processes
- ✓ improvement of environmental performance and energy efficiency of vehicles
- ✓ development of logistics centers network

## **ECONOMIC REFORMS PROGRAM OF THE PRESIDENT OF UKRAINE FOR 2010 – 2014 (Decree of the President of Ukraine from 27.04.2011 № 504)**

The goal of reforms is to improve the quality of existing and construction of new transport infrastructure for economic development and improvement of quality of life of citizens.

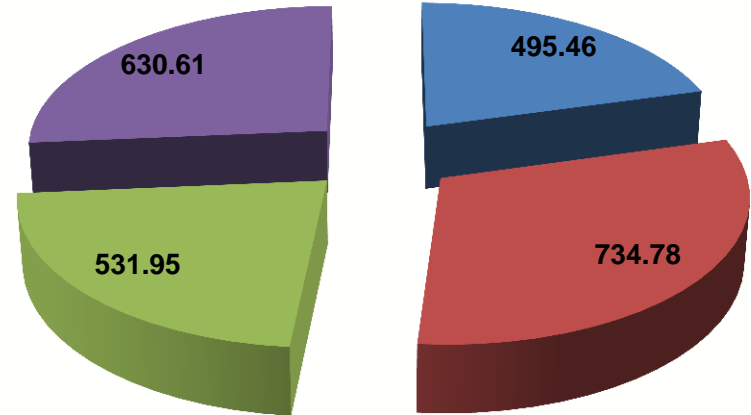
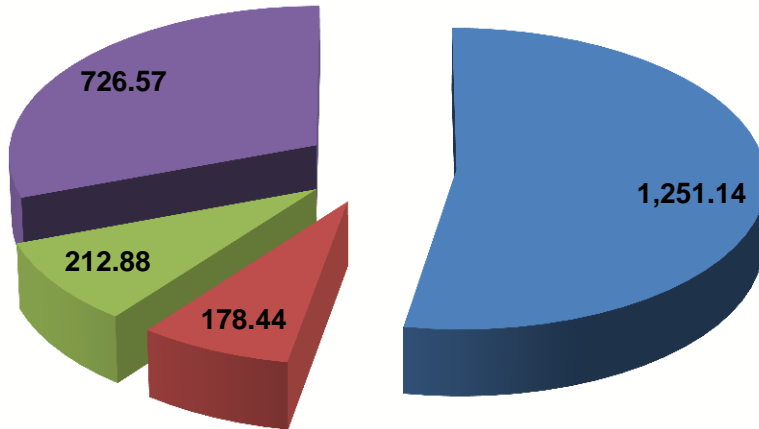
Objectives:

- ✓ increase of infrastructure development funding
- ✓ creation of conditions for attracting private investment
- ✓ improvements of railway and road sector management
- ✓ development and implementation of comprehensive program of privatization and development of sea ports
- ✓ raising responsibility of local authorities for condition of infrastructure assets of local significance



# CAPITAL INVESTMENTS OF STATE ENTERPRISES OF TRANSPORT COMPLEX IN 2012 YEAR

MILLION EURO



■ Railway transport - 53%

■ Sea and river transport - 7%

■ Air transport - 9%

■ Roads - 31%

■ State and local budget - 21%

■ Own funds of enterprises - 31%

■ IFO loans - 22%

■ Loans of national banks - 26%

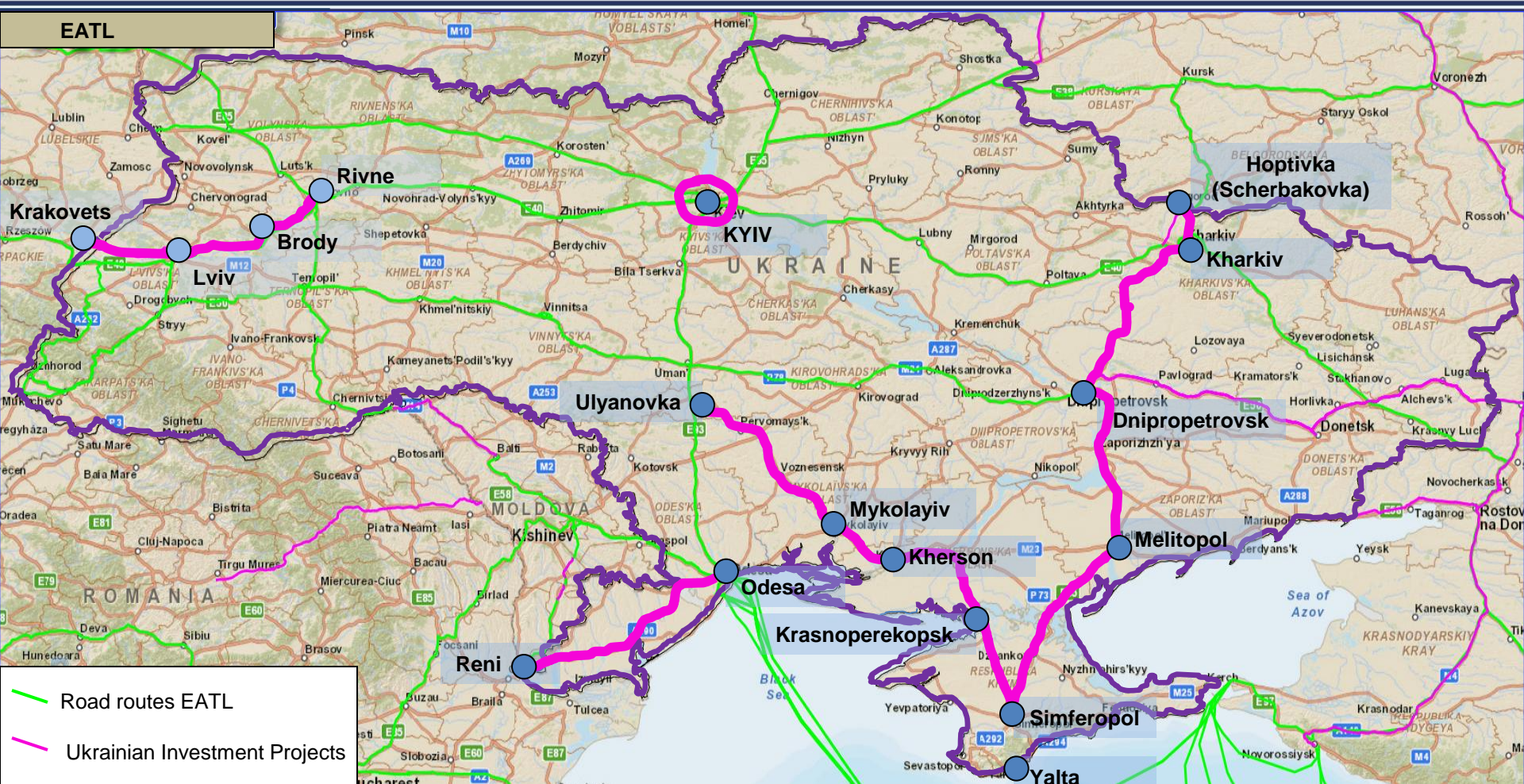


# COOPERATION WITH INTERNATIONAL FINANCIAL ORGANIZATIONS IN TRANSPORT FIELD

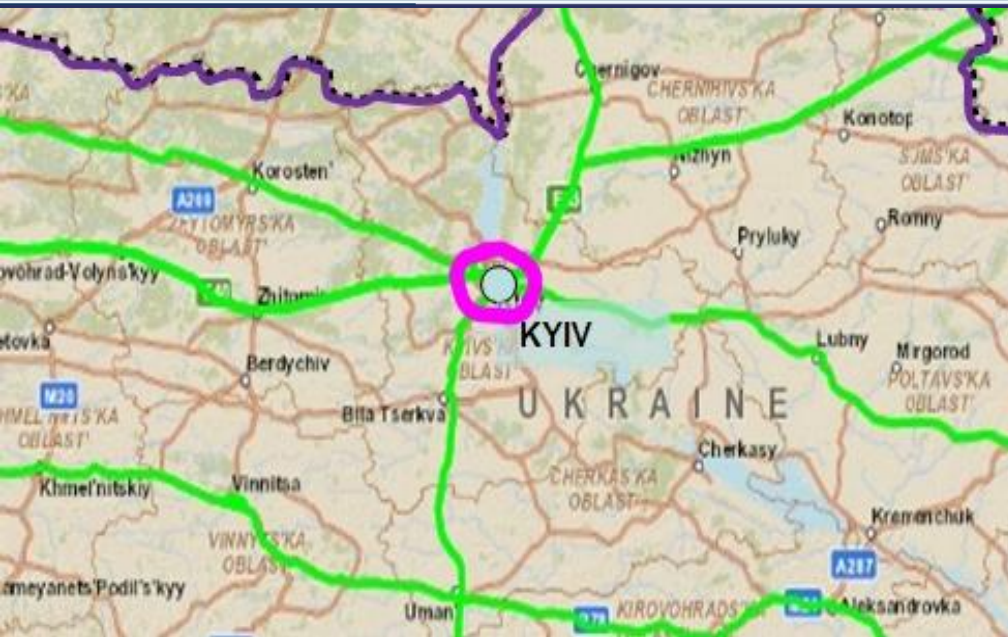
Projects	Amount of loans, mln. €
<b>European Bank of Reconstruction and Development</b>	
Renewal of rolling stock on railways of Ukraine	89,3
Introduction of high-speed passenger trains on railways of Ukraine	85,6
<b>European Bank of Reconstruction and Development jointly with European Investment Bank</b>	
The Third Project “Kyiv – Chop Road Rehabilitation”	200,0 (EBRD) 200,0 (EIB)
Improvement of Transport and Operational Conditions of Road Approaches to Kyiv	450,0 (EBRD) 450,0 (EIB)
Modernization of Air Navigation System in Ukraine	41,18 (EBRD) 41,18 (EIB)
<b>International Bank of Reconstruction and Development</b>	
Road and Safety Improvement Project	285,7
Second Road and Safety Improvement Project	321,4



# INVESTMENT PROJECTS IN ROAD SECTOR



# CONSTRUCTION OF GREAT KYIV BY-PASS RING MOTOR ROAD



**Project Initiator:** Ukravtodor

**Project cost:** 5,5 billion euro

**Sources of financing:** funds of private investors and others

**Project purpose:** to relieve the biggest traffic centre in Ukraine which is the capital of Ukraine - the city of Kyiv- of transit traffic

## Project Description:

I stage - from the motor road Kyiv - Znamianka to the motor road Kyiv- Chernigiv - Novi Yarylovychi with a bridge overpass over Dnipro River. Length– 74,6 km.

II stage – from the motor road Kyiv – Kovel` –Yahodyn to the motor road Kyiv – Znamianka . Length – 77 km.

III stage – from the motor road Kyiv-Chernigiv - N.Yarylovychi to the motor road Kyiv – Kovel` - Yahodyn. Length – 62 km.

## Expected Result:

Strengthening the role of Ukraine as a transit country by combining 3 international and 4 national transport corridors;

Improvement of traffic safety;

Improvement of environmental situation in Kyiv city.

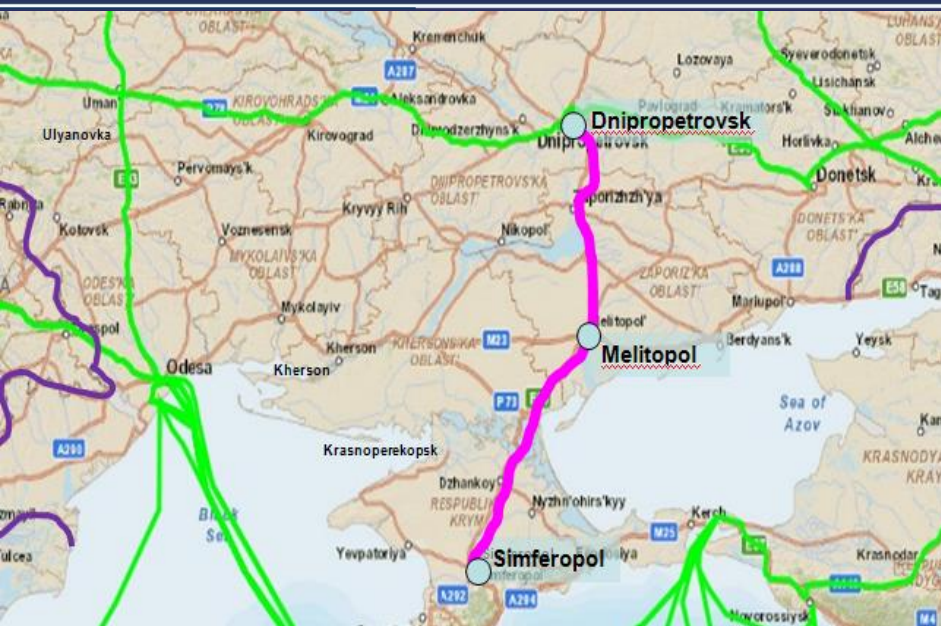
## Status of the project:

Developed feasibility study of I stage, which has been approved by the Government in 2008.





# CONSTRUCTION OF MOTOR ROAD DNEPROPETROVSK - SIMFEROPOL



## Project Description:

The existing road Dnepropetrovsk - Simferopol corresponds to the parameters of Category II and passes through a large number of settlements and railroads in the same level. Length – 475 km.

The traffic intensity in different parts of the road Dnepropetrovsk - Simferopol is 11 - 16 thousand cars / day.

## Expected Result:

Increase of capacity from 11-32 thousand cars/ day to 26-48 thousand cars/ day;

Improvement of transportation and operational condition of the road, safety of vehicles.

## Status of the project:

Developed feasibility study, which has been approved by the Government in 2008

**Project Initiator:** Ukravtodor

**Project Cost:** 2,1 billion euro.

**Sources of financing:** funds of private investors and others.

**Project purpose:** The need to build a new road Dnepropetrovsk - Simferopol is determined by the capacity of the existing road and inconsistency of its condition with standards of safety.



# CONSTRUCTION OF MOTOR ROADS BY DIRECTION KRAKOVETS – LVIV – BRODY – RIVNE



## Project description:

I stage – motor road Lviv-Krakovets, length - 84,4 km.

II stage – motor road Lviv-Brody, length - 79 km.

III stage – motor road Brody-Rivne, length - 95 km.

## Expected Result:

Increasing the average speed of vehicles to 70-80 km / h;

Achieving the capacity through the checkpoint

“Krakovets-Korchevaya” in 5000 freight vehicles per day

## Project Status:

The project documentation of the I stage of the construction was developed and approved by the Government in 2003;

Project documentation of II and III stages of construction is under development.

**Project Initiator:** Ukravtodor

**Project Cost:** 1,3 billion euro

**Sources of financing:** funds of private investors and others.

**Project Purpose:** construction of the road of I technical category with 4 lanes. The development of section of the international transport corridor № 3 Berlin / Dresden - Vortslav - Lviv - Kyiv in the Lviv region (84.4 km).



# CONSTRUCTION OF NEW MOTOR ROAD ODESSA-RENI (TO BUCHAREST) BY NEW DIRECTION «ODESSA-OVIDIOPOL BELGOROD-DNESTROCKSKIY-MONASHI»



**Project Initiator:** Ukravtodor

**Project cost:** 1,5 billion euro

**Sources of financing:** funds of private investors and others.

**Project Purpose:** construction of modern motor road with 4-lane road with a bridge over the Dniester estuary.

## Project Description:

International highway Odessa - Reni (to Bucharest) coincides with the transport corridor "Black Sea Economic Cooperation".

Construction of road Odessa – Reni ( length - 261 km), is planned to implement by separate stages:

I stage– construction of motor road Odessa-Monashi, length - 81 km, cost – 820 mln.euro;

II stage – construction of motor road Monashi – Reni, length - 180 km, cost – 760 mln. euro.

## Expected Result:

Construction of the road will provide a high-quality transport connection of the Russian Federation and the South of Europe, bypassing the Carpathian Mountains, Europe and countries of the Middle East;

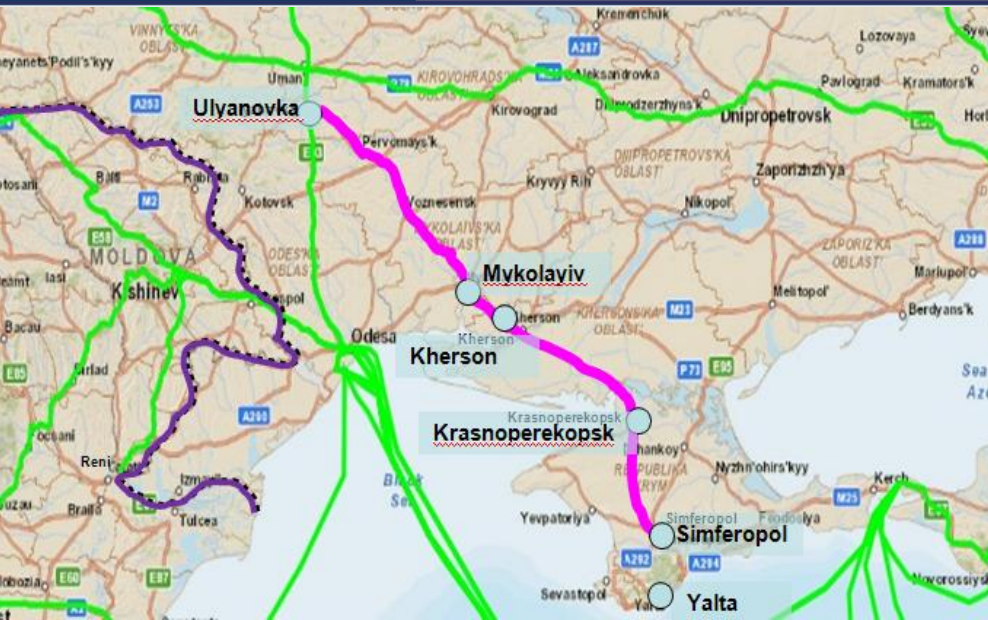
Improvement of traffic safety;

## Project Status:

Developed feasibility study, which has been approved by the Government in 2011.



# CONSTRUCTION OF MOTOR ROAD ULYANOVKA-MYKOLAYIV-KHERSON-KRASNOPEREKOPSK – SIMFEROPOL



## Expected Result:

Increasing traffic to 24 - 36 thousand cars / day;  
Improvement of transportation and operational condition of the road and traffic safety..

## Project Status:

The project documentation was developed and approved by the Government in 2008.

**Project Initiator:** Ukravtodor

**Project cost:** 2,42 billion euro

**Sources of financing:** funds of private investors and others.

## Project purpose:

The need to build motor road is defined by growing trade, economic and transport links of the regions of Ukraine among themselves and also with Russia, Belarus and countries of the Black Sea and the Mediterranean basin.

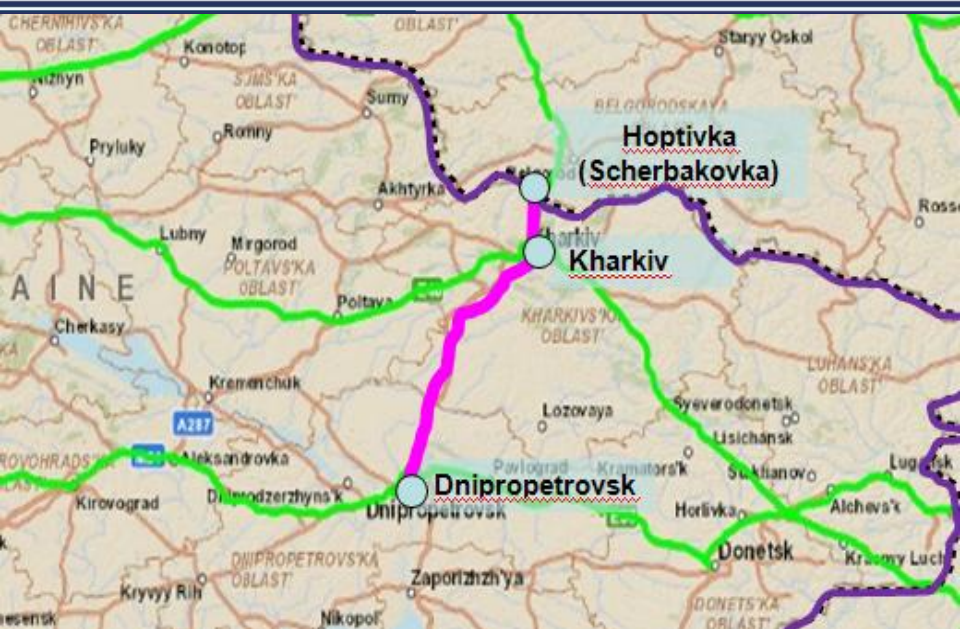
## Project Description:

Total length of the motor road from the urban village Ulyanovka to Simferopol is 532.6 km.

Construction of the road will be carried out by a new direction, bypassing cities of Pervomajsk, Voznesensk, Nova Odessa, Armyansk and villages Radenskoe and Bolshie Kopani.



# CONSTRUCTION OF MOTOR ROAD «SHCHERBAKOVKA – KHARKIV – NOVOMOSKOVSK»



## Project Description:

- I stage – repair of the existing road section Kharkiv-Novomoskovsk, length - 159.7km;
- II stage – construction of the motor road from the checkpoint "Shcherbakovka - Kharkov", length - 49 km.

## Expected result:

The construction of this motor road will greatly improve the international transport connection between Russian and industrial resort south-eastern regions of Ukraine, Crimea.

## Project Status:

A feasibility study for the construction of the road "Shcherbakovka - Kharkiv" was developed in 2001.

**Project Initiator:** Ukravtodor

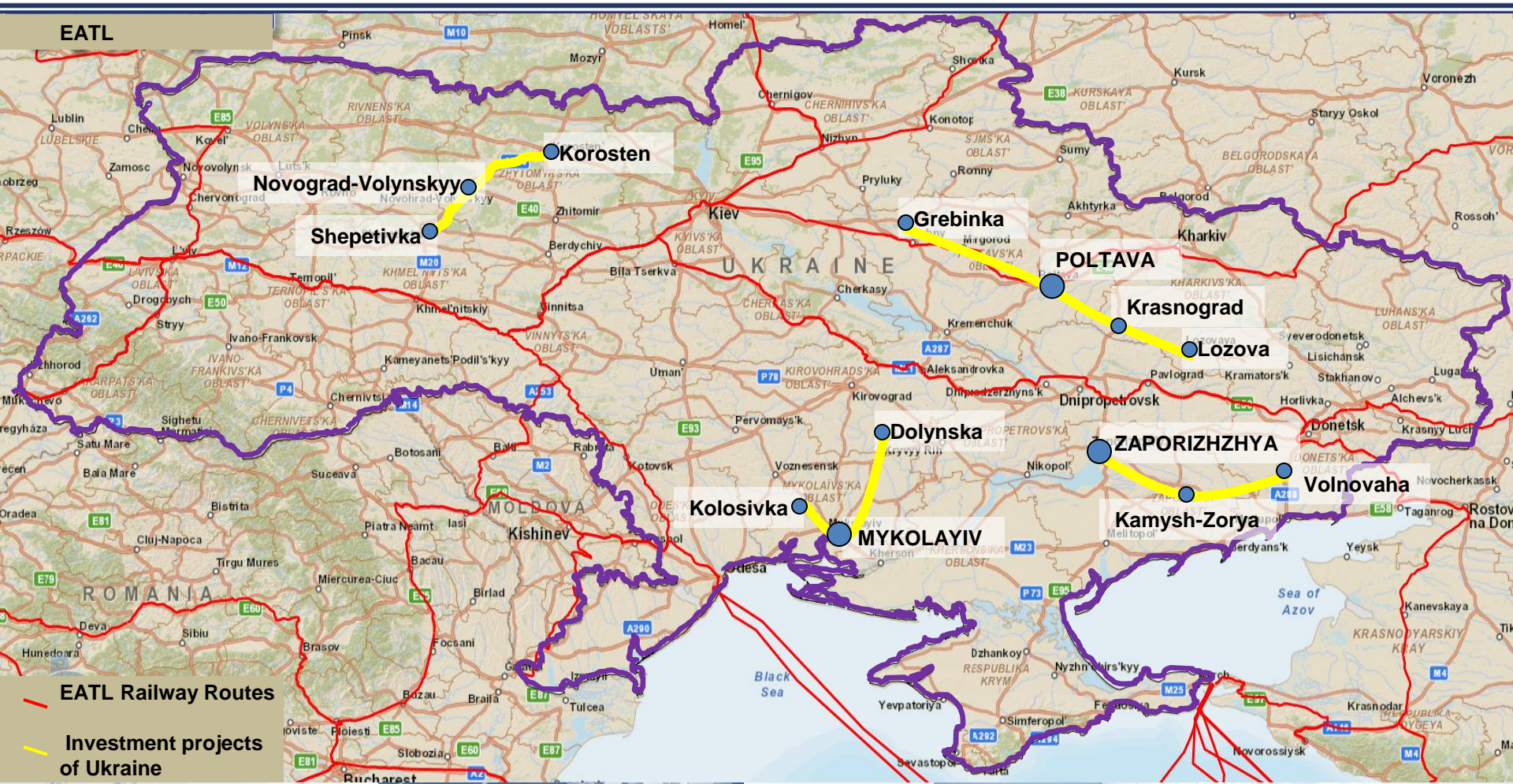
**Project cost:** 390 mln. euro

**Sources of financing:** funds of private investors and others.

**Project Purpose:** repair and construction of the road "Shcherbakovka - Kharkiv - Novomoskovsk" of technical category 1a by the length of 208, 7 km.



# INVESTMENT PROJECTS OF RAILWAY TRANSPORT



# ELECTRIFICATION OF THE RAILWAY DIRECTION DOLYNSKA – MYKOLAIIV – KOLOSIVKA (operational length – 255 km)



## Project Description:

- Construction of **69 km** of high-voltage power lines of 150 kV to supply power substations;
- Construction of **253 km** of existing parts by contact system;
- Construction of **253 km** of high-voltage auto-lock lines;
- Replacement of **253 km** of overhead lines and protection of all forms of communication;
- Construction of a new overpass in Mykolajiv

## Expected Result:

- Reducing Route of 18 pairs of trains **at 130 km**;
- Reducing the duration of movement for **2 hours**;
- Preservation and creation of new **1400 jobs**.

## Project Status:

Requires the development and approval of project documentation.

**Implementation Period:** 2013-2016.

**Project Initiator:** Ukrzaliznytsia

**Project Cost:** 347 mln.euro;

**Sources of financing:** own funds, IFO loans;

**Project Purpose:** electrification, modernization of the permanent way, systems of signaling and communications.



# ELECTRIFICATION OF THE RAILWAY DIRECTION VOLNOVAHA-KAMYSH-ZORYA-ZAPORIZHZHYA (operational length – 240 km)



**Project Initiator:** Ukrzaliznytsia

**Project Cost:** 476 mln. euro;

**Sources of financing:** own funds, IFO loans;

**Project Purpose:** electrification, modernization of the permanent way, systems of signaling and communications.

## Project Description:

Construction of **600 km** of high-voltage power lines 35-110-150 kV for power supply of substations;

Construction of **336 km** of existing parts by contact system;

Construction of **240 km** of high-voltage lines of automatic lock;

Stacking of two ways - **49.3 km**;

Dismantling of existing and construction of a new overpass.

## Expected Result:

Reducing the route of passenger trains at **130 km**

Reducing the duration of movement by **2 hours** ;

Preservation and creation of new **2000 jobs**.

## Project Status:

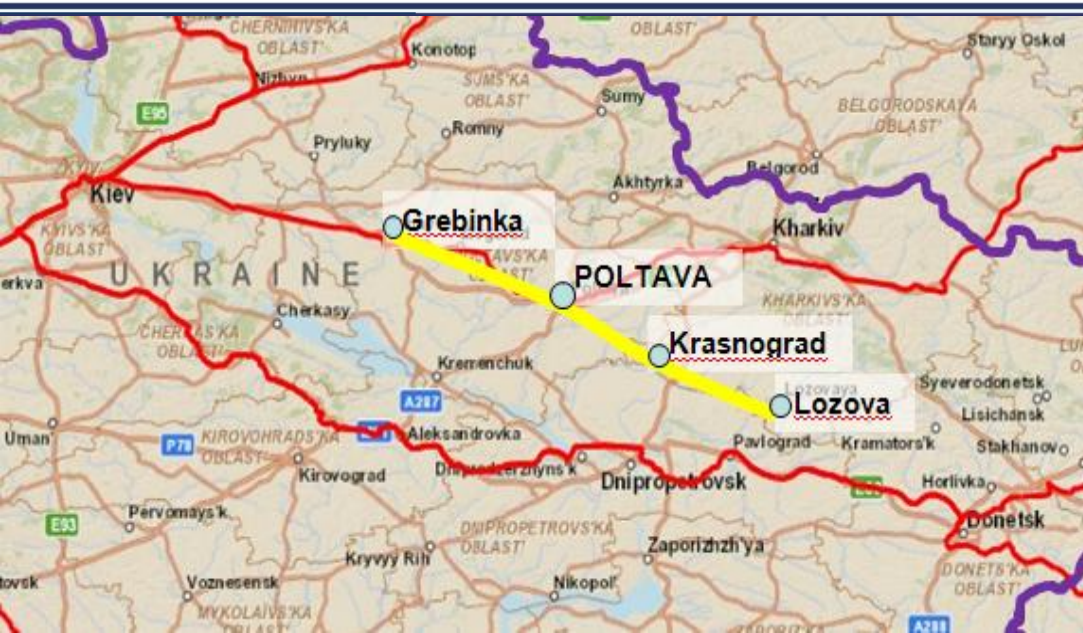
Requires the development and approval of project documentation.

**Implementation Period:** 2013-2016.





# INCREASING THE CAPACITY OF RAILWAY DIRECTION OF SPEED PASSENGER TRAINS GREBINKA – POLTAVA – KRASNOGRAD – LOZOVA



## Project Description:

Construction of **155.2 km** of existing parts by contact system;  
Stacking of two ways– **155,2 km**;  
Modernization of blocking and communication systems– **155,2 km**.

## Expected Result:

Reducing the duration of movement for passengers;  
A significant increase in passenger traffic capacity of the railway complex;  
Improvement of traffic safety

## Project Status:

Requires the development and approval of project documentation.

**Implementation Period:** 2014-2016.

**Project Initiator:** Ukrzaliznytsia

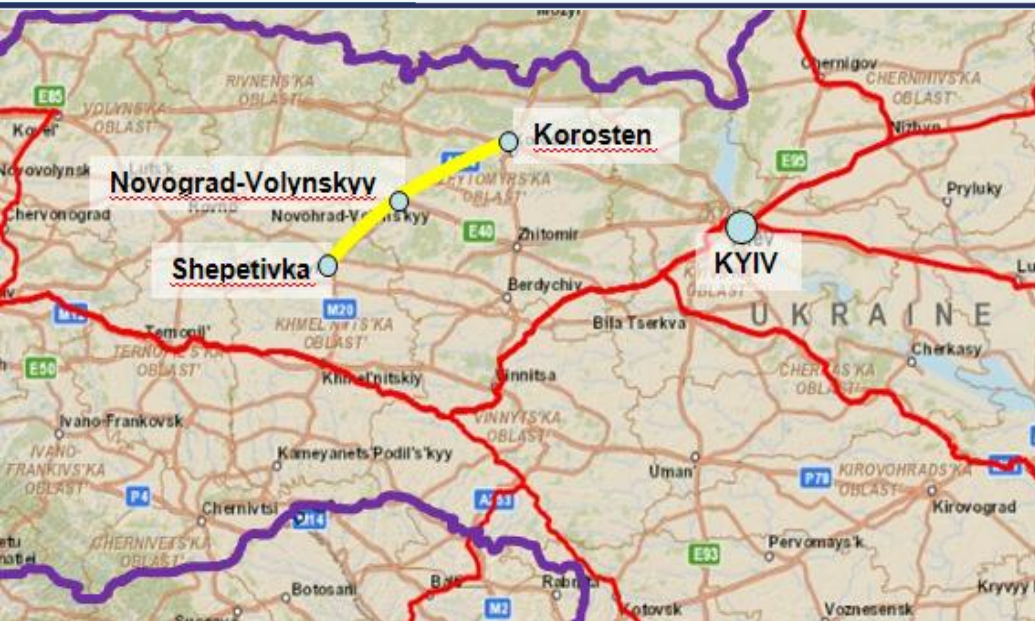
**Project Cost:** 300 mln. euro;

**Sources of financing:** own funds, IFO loans;

**Project Purpose:** construction of the second track, construction of entrances roads, electrification and modernization of signaling and communication systems.



# INCREASING THE CAPACITY OF RAILWAY DIRECTION OF SPEED PASSENGER TRAINS KOROSTEN-NOVOGRAD-VOLYNSKY-SHEPETIVKA



## Project Description:

Construction of **133 km** of existing parts by contact system;

Stacking of two ways– **133 km**;

Modernization of blocking and communication - **133 km**.

## Expected Result:

Increasing the capacity of the railway direction **from 14 to 23** pairs of freight trains per day;

Reducing the duration of movement for passengers;

A significant increase in passenger traffic capacity of the railway complex;

Improvement of traffic safety;

## Project Status:

Requires the development and approval of project documentation.

**Implementation Period:** 2014-2016.

**Project Initiator:** Ukrzaliznytsia

**Project Cost:** 260 mln. euro;

**Sources of financing:** own funds, IFO loans;

**Project Purpose:** construction of the second track, construction of entrances roads, electrification and modernization of signaling and communication systems.





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**THANK YOU FOR YOUR ATTENTION!**

