



NTSU 2030

NTSU 2030 Action Plan

PROJECTS



MINISTRY
OF INFRASTRUCTURE OF UKRAINE

NTSU 2030

Recent Ministry of Infrastructure Achievements

2018

Recent Success



NTSU 2030 Approval

30th of May 2018 the Cabinet of Ministers of Ukraine approved NTSU 2030.



MARAD

The Maritime Administration has been established and began formal operations on 1st of September. In July 2018 Ukraine completed IMO audit.



Implementation of AA

Mol drafted and registered in the Parliament 6 laws implementing major part of EU directives under AA EU-Ukraine in transport sector



Concession Reform Progress

The law on concession of roads was approved by the Parliament. The draft law on concessions passed the first reading in the Parliament.



E-Governance

Establishment of electronic “cabinet” for the automobile carriers, introduction of open budget web page.



Public Administration Reform

3 pilot Directorates were established,
full new structure of MoI will be implemented during this year

Directorate of Digital Infrastructure on Transport and Postal Services

Creation of a system for effective
development and functioning of postal
services and digital transport
infrastructure.

Directorate of Strategical Planning and European integration

Coordination activities and innovative
development of transport, transport
infrastructure, and postal service.

Directorate of Transport Safety

Safety and state supervision (control)
of transport safety on transport to
preserve the life and health of the
public transport users.

Road Fund Implementation

On January 1st 2018, the Road Fund commenced operations - 32.6 billion UAH (50% of the fuel excise taxes on fuel are centrally directed towards road construction). Thanks to other financing programs and credit funds, the road sector obtained a hitherto unseen amount of financing - close to 50 billion UAH this year alone. UkrAvtoDor's decentralization is in full swing, with 123 000 km of roads transferred to the Oblasts' books, together with the appropriate Road Fund financing - 35%. Now each Oblast has the resources it needs to build its own roads. In 2019, the Road Fund will receive 75% of the excise tax totaling about 49 billion UAH. By 2020, a minimum of 65 billion a year on roads will be spent!

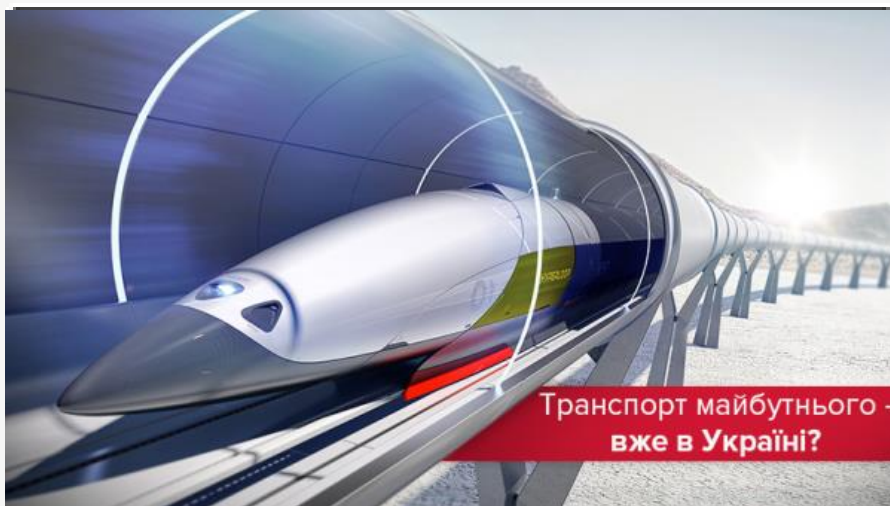
The Gdansk Odessa Highway is under construction!

The Ministry is currently working on issues of quality control, independent engineering control, and DAK Ukrainian Roads reform program.

NTSU 2030

Technical Assistance Priorities

2018-2019



Innovative Development

Innovation is a main priority of NTSU 2030; establishing a new reality instead of rehabilitating the old one.

The new Directorate of Digital Infrastructure was established to stimulate development and implementation of innovative technology.

Hyperloop

The Ministry together with State Institutes and international partners are working on Hyperloop testing project in Dnipro.

Research and Development Center

A R&D center is needed to generate innovative solutions that will improve public infrastructure systems.

High speed railway lines

Kyiv-Odessa- Lviv- European Union

Sustainable Logistic Strategy for Ukraine 2030

This Strategy seeks to implement the logistic and transit potential of Ukraine, support AA EU-Ukraine in transport sector, trade and facilitate economic development.

Logistic Coordination Counsel has been established to support the implementation of the Sustainable Logistic Strategy for Ukraine 2030;

Provision of technical assistance on multimodal logistic centers establishment on PPP basis.

TA Project for
Implementation

NTSU 2030

Draft Laws in the Parliament

Supporting
AA EU-Ukraine

2018

IWT Draft Law

The draft law will update to the legal and organizational regulation of inland waterways, conform operations and regulation with EU AA requirements, and promote a financially and organizationally stable inland waterways infrastructure.

2475a-0



Implementation of the EU Directive 87/540, 96/50, 96/75, 2005/44, 2008/68, 2016/1629;

Development of the secondary legal acts of the IWT sector;

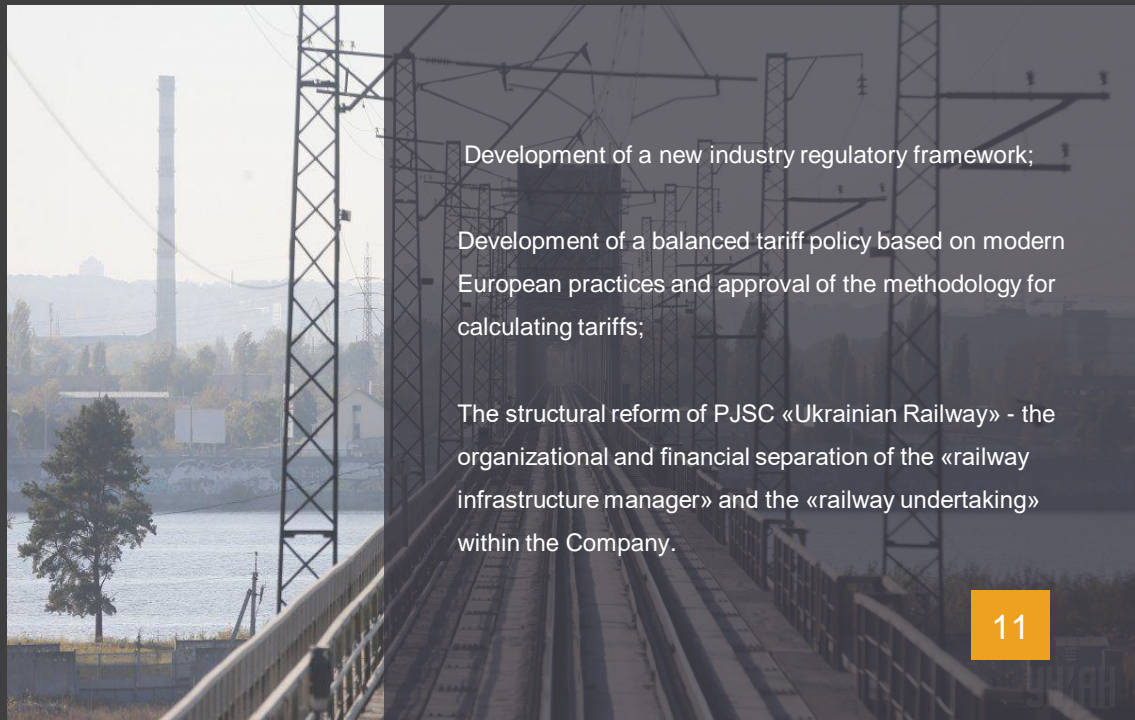
Attraction of the investments for the development of the IWT.

Draft Law on Railways

The aim of the draft law is to create an effective competitive environment in the railway transport market, considering the main requirements of EU legislation.

The draft law will improve the management market mechanisms in railway transport, the construction of a new structural relationship between the stakeholders in this critical transportation mode.

7316



Development of a new industry regulatory framework;

Development of a balanced tariff policy based on modern European practices and approval of the methodology for calculating tariffs;

The structural reform of PJSC «Ukrainian Railway» - the organizational and financial separation of the «railway infrastructure manager» and the «railway undertaking» within the Company.

Draft Law on Safety

This draft law meets the commitments of Ukraine under the AA between Ukraine and the EU.

The draft law promotes the safety of commercial transportation of goods and passengers by means of transparent market rules per EU directives. These legislative changes implement the procedures and instruments of control over the abidance by rules, as well as changing the system of penalties for non-observance of rules.

7317



To fulfill Ukraine's commitment under the Association Agreement between Ukraine and the EU;

To implement the European "rules of the game" in commercial transportation market as following: equal requirements to transport vehicles, drivers qualifications and rest period, abidance of traffic regulations;

To improve the efficiency of state control over the carrying out of prescribed rules by the carriers (domestic and international);

To implement an adequate system of penalties and effective penalty procedure in case of violation.

Draft Law on Road Safety Audit

The Draft Law provides for introduction of a road safety audit in Ukraine as an independent mechanism to obtain an impartial assessment of engineering solutions on motorways.

According to the draft Law the audit shall be performed at the stages of motorways' design, construction, putting into operation, as well as in terms of their subsequent operation.

7320



ANTICIPATED RESULTS

Prevention of traffic accidents on repaired motorways;

Mitigation of injuries resulting from traffic accidents;

Decrease of fatalities ratio.

13

Draft Laws Weight in Motion

This set of legislative amendments is a critical step in implementing modern intellectual transport systems in Ukraine. One of the most important components is Weight-in-Motion or WIM.

The purpose of the WIM system is to increase efficiency of state monitoring of carriers' compliance with weight limits and, as a result, to reduce frequency and level of overweight trucks. It will protect roads from premature destruction and increase road safety.

7318; 7319



To allow electronic fixation the violations of bulk-weight requirements by the carriers automatically;

To authorize The Cabinet of Ministers of Ukraine to develop the arrangements for exercising the control in automatic mode and imposing fines on violators;

To direct imposed administrative fines for these violation, to State road fund;

To specify administrative liability of drivers of commercial vehicles if they don't stop if required by Ukrtransbezpeka inspectors

Draft Law Transportation of Dangerous Goods

The draft law is designed to implement the Association Agreement between Ukraine and the European Union and amends the laws of Ukraine "On the Transport of Dangerous Goods", "On Transport" and "On Road Transport"

7387

! DANGER

**DANGEROUS
GOODS**



Directive 2008/68/EC of the European Parliament and of the Council of 24 September 2008 on the inland transport of dangerous goods

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) of 1957

The Regulation concerning the International Carriage of Dangerous Goods by Rail (RID) Appendix C to COTIF Convention of 1999,

The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (AND) of 2000.

Fields of Technical Assistance

AA EU-Ukraine implementation

NTSU 2030

Railway Sector

Support implementation of Law on Railways- drafting of 64 legal Acts

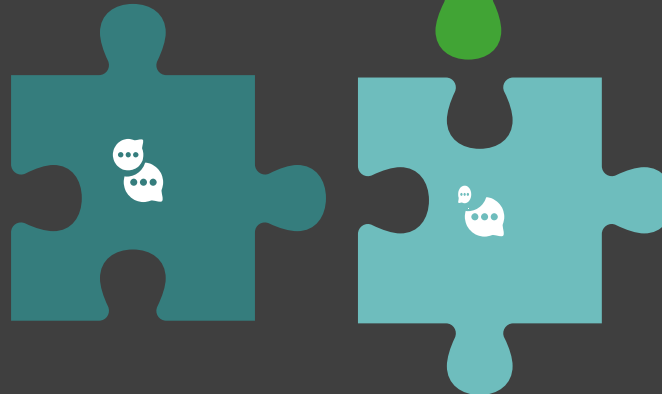


Road Sector

Support of the legislation in the Parliament and Road Fund implementation

Maritime Sector

Support of fulfilment of IMO recommendations, electronic register of seafarers. Support of Maritime Administration



Inland Waterways

Support of the compromise draft law in the Parliament and its implementation

Name of the project	Main topics	Reasoning/Main objective
Strengthening the capacity of the implementing agencies for implementation and enforcement of the EU legislation in the transport areas: - maritime - railways - road - IWW	Assistance for the proper operation relevant administrations; - drafting implementing legislation; - capacity building and training of the staff; - operation of information systems - pilot inspections	The project will contribute to building Stronger Governance in maritime sector and for the implementation of the AA and international obligations Of Ukraine
Strengthen local and regional capacities in transport planning management	- Transport Planning (SUTP) instrument at local level; - implementing SUTP in approx. 15 cities or urban areas as a pilot project; - implementing Public Service Contracts in local and regional transport.	The project will contribute to building Stronger Governance at local level. The project will contribute to decentralization process in Ukraine by means of improving urban mobility, increasing transport efficiency with the help of integrated transport planning at local and regional levels.
Transport Ukraine: improved traffic management	- Setting up of traffic management centers to proactively deploy traffic management strategies -ITS components deployment is expected, that when integrated can result in synergistic effects of the transport system	The project will increase the capacity and improve operational efficiency of Ukrainian transport by means of elaborating a concept for effective traffic management systems in different modes of transport (railway, road, IWW, maritime and aviation)
Setting up the European Rail Traffic Management System	The project will focus on : - main design for setting up the European Rail Traffic Management System at priority railway corridors of Ukraine as the 1st phase of setting up the ERTMS in the Ukraine railway network - implementation of national standards with Technical Standards for Interoperability (TSI) in line with Directive 2008/57/EC and setting up the European Railway Transport Management System	The project shall contribute to economic development by means of speeding up railway infrastructure modernization and improvement. It will ensure interoperability of Ukrainian rail transport system with the European that will serve to make rail transport faster, safer, of a higher operational capacity and more competitive.

NTSU 2030

Recently Introduced Policies

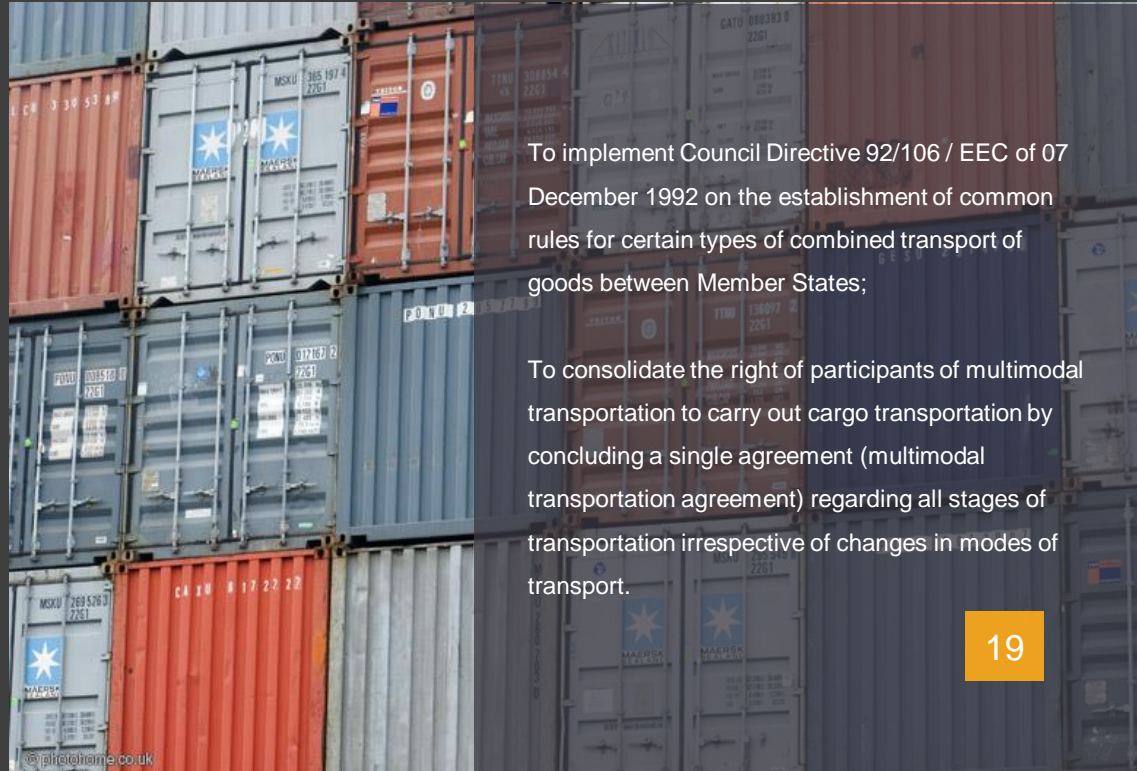
2018

18

The Draft Law on Multimodal Transport

The draft Law aims at defining the legal and organizational principles of multimodal cargo transportation in Ukraine and the state support for multimodal transport, the legal status of participants in multimodal transport.

Registration



To implement Council Directive 92/106 / EEC of 17 December 1992 on the establishment of common rules for certain types of combined transport of goods between Member States;

To consolidate the right of participants of multimodal transportation to carry out cargo transportation by concluding a single agreement (multimodal transportation agreement) regarding all stages of transportation irrespective of changes in modes of transport.

The Draft Law on Engineering Control

The purpose of the draft law is to create conditions for more effective engagement of the consultant engineer to implement construction projects to improve the level of professional management, the introduction of independent engineering control and consequently, to improve the quality and efficiency of construction.

Registration



Improving the quality of work and reducing risks in the implementation of construction projects proposed to be implemented through the simultaneous involvement of the consultant engineer.

Comprehensive settlement of issues related to the participation of a consultant engineer in the implementation of construction projects, to determine its role and place in the system of contractual relations in construction, which will increase the level of professional management and the introduction of independent engineering control.

NTSU 2030

Priority Investment Projects

2018

21

HIGH-SPEED Railways in Ukraine



~896-990 km of Odessa-Kyiv-Lviv (EU border) will provide a high speed connection for 6 UA regions with total passenger traffic on these routes of 137 mln in 2017. Passenger train speed about 250 km/h.

896-990 km of high speed railway will require ~\$8.5 bn of investments

For a more detailed assessment and evaluation costs, more data should be provided during the next stage – updating the pre-feasibility study

EUROPEAN 1435 MM RAIL TRACK HIGH SPEED CONNECTION WITH EU (POLISH BORDER) - ODESA-KYIV-LVIV ROUTE improves passenger EU-UA connectivity

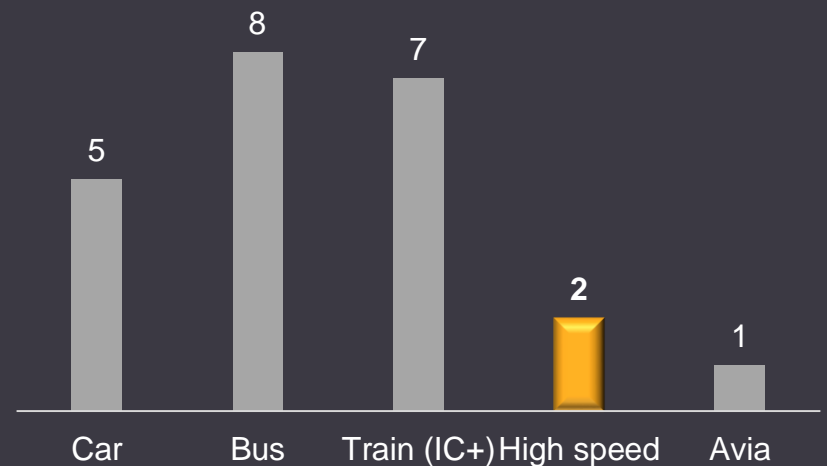


Pay back period
25 years

Annual Passenger Flow
65 million

NPV
2,4 USD billion

Travel Time Kyiv-Odesa, hours



Railway stations concession projects



Kyiv-Pasazhirsky Railway Station

- Total area of the railway station complex is 44 000 sq. m;
- 14 platforms;
- Total area of car parking is 6000 sq. m;
- Total commercial area is 1600 sq. m;
- Total passenger flow is > 10 mln ppl annually;

Darnitsa Railway Station

- Total area of the station is 71000 sq. m.;
- Commercial area is > 25000 sq. m.;
- Number of passengers dispatched in 2017 – 3 mln ppl.;

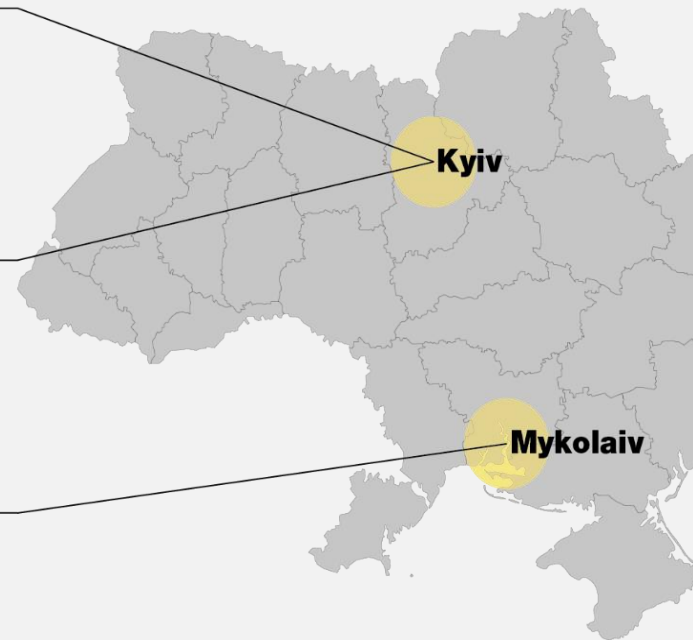
The Mykolaiv Passenger Railway Station

- Regional branch of “Odesa Railway” at the intersection of the Dolynska-Mykolaiv freight and Odesa-Kherson lines;
- Number of passengers dispatched in 2017 – 1 mln ppl.;
- The long-distance passenger trains run to Kyiv, Odesa, Kharkiv, Kherson, Dnipro and others.

Kiev-Passenger railway station

Darnitsa railway station

Mykolaiv railway station








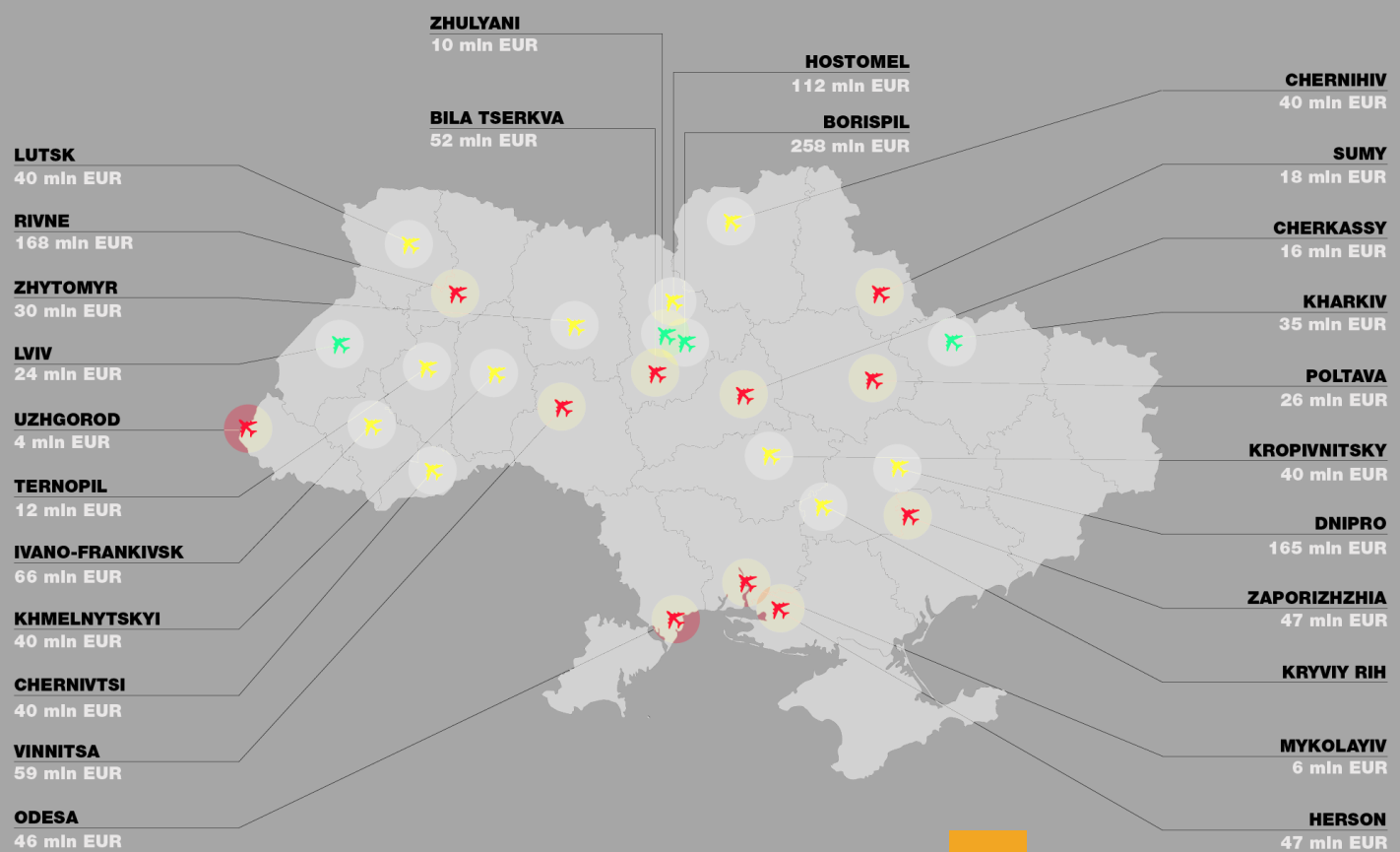
RADI

Passenger flow in Ukraine grew +21% (+2.2m) to 12.9 mln passengers in 2016 (2015 - 10.7 mln passengers) and +28% to (16.5 mln) in 2017;

€489 mln is needed to modernize 11 Ukrainian airports (primary reconstruction);

Next step – technical assistance for RADI - Regional Airport Development Initiative. Loan or concession structures will be considered.

-  good condition
-  primary reconstruction
-  promising airport



NTSU 2030

Transport Investment Action Plan

Eastern Partnership Ukraine



THANK YOU



MINISTRY
OF INFRASTRUCTURE OF UKRAINE