



EaP | Eastern Partnership



Indicative TEN-T Investment Action Plan



This report is funded by the European Union



THE WORLD BANK

Foreword

The Eastern Partnership (EaP) is a joint policy initiative, which aims to deepen and strengthen relations between the European Union (EU), its Member States and its six Eastern neighbours: Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova and Ukraine. Within this framework, there is a joint commitment to deliver tangible results for citizens across the region. In support of a more results-oriented approach towards the Eastern Partnership, the European Commission and European External Action Service identified 20 key deliverables for 2020 as adopted by the EaP Summit in Brussels in November 2017 promoting stronger economies, stronger connectivity, good-governance, and resilient societies throughout the region.

Enhanced transport connectivity both within the EaP region, and between the EaP region and the EU has the potential to bolster economic growth and create job opportunities for citizens. Improved transport links will provide greater access to basic services and markets, enhancing resilience and reducing vulnerability to shocks.

This Indicative TEN-T Investment Action Plan was compiled with support from the World Bank in collaboration with the six EaP countries and civil society representatives. The Plan is intended to assist decision-makers in prioritizing strategic investments in transport infrastructure with the aim of completing the TEN-T network as defined at the Joint Declaration of the Eastern Partnership Summit as one of the 20 deliverables for 2020.

The implementation of this ambitious plan will require high-quality project preparation to ensure readiness and increase absorptive capacity which remains a key constraint for investments in many EaP countries. The Plan shall also serve to highlight the importance of road safety components and digital solutions in new projects and to align design standards with current EU practices.



Violeta BULC

European Commissioner for Transport



Johannes HAHN

European Commissioner
for European Neighbourhood Policy
& Enlargement Negotiations

Table of Contents

FOREWORD 3

INDICATIVE TEN-T INVESTMENT ACTION PLAN OVERVIEW 6

EXTENSION OF THE TEN-T CORE NETWORK
PROGRAMME HIGHLIGHTS 8

REPUBLIC OF ARMENIA 10

REPUBLIC OF AZERBAIJAN 12

REPUBLIC OF BELARUS 14

GEORGIA 16

REPUBLIC OF MOLDOVA 18

UKRAINE 20

6 **INDICATIVE TEN-T INVESTMENT ACTION PLAN OVERVIEW**

The Indicative TEN-T Investment Action Plan identifies priority investments of around Euro 12.8 billion¹ up to 2030. The priorities have been developed by combining a continued consultation process with a multicriteria assessment, taking account of strategic fit, environmental and social factors and economic viability. The EaP countries have confirmed that these investment priorities match their short- and long-term planning priorities.

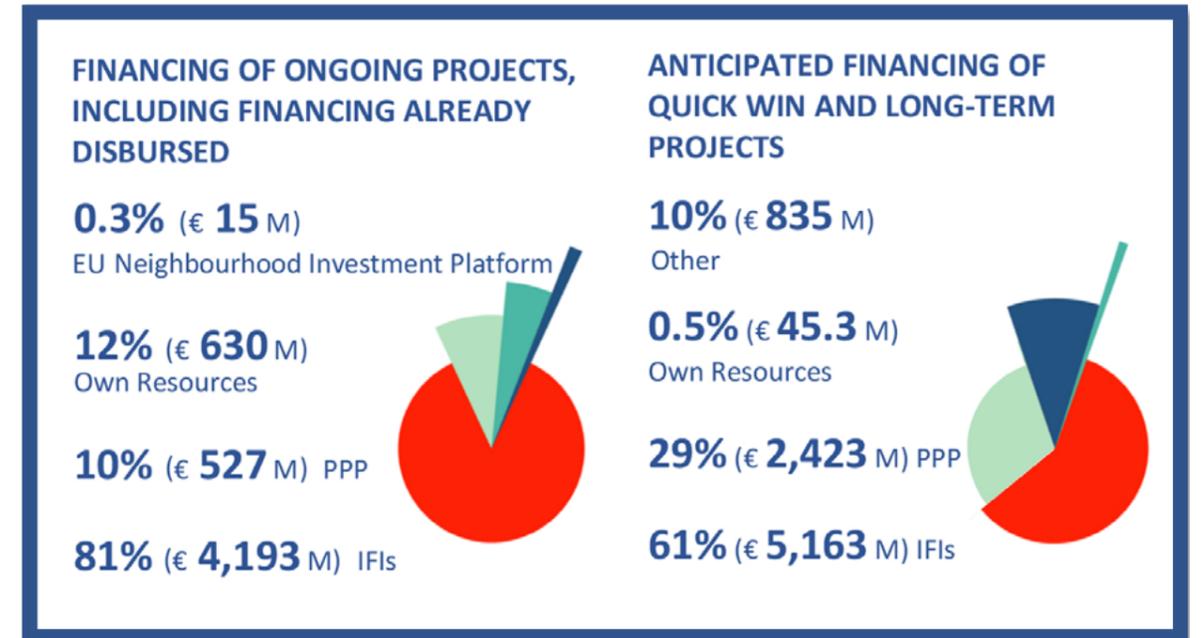


Implementation of the programme will require the mobilization of private and public funds, high-quality project preparation and expedited implementation. The programme includes projects that are already underway and those that will require project preparation to allow for successful delivery by 2030. The Investment Plan also includes quick win projects which can be completed by 2020 and will alleviate immediate infrastructure bottlenecks and improve network efficiency.

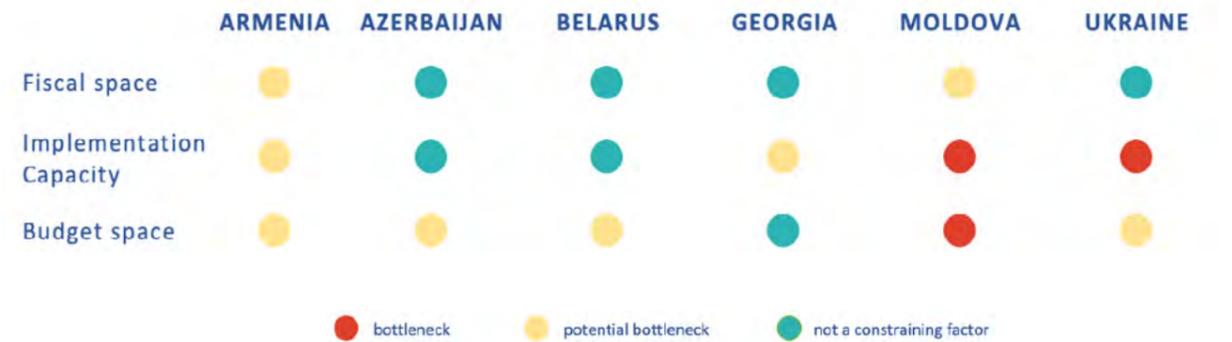


¹ Figure does not include funds that have already been disbursed
² Intelligent transport system
³ km figures are approximations and apply only to road and rail projects

Note: In addition to the current brochure a detailed technical report will be made available on: <https://ec.europa.eu/neighbourhood-enlargement/>



A key element of the investment plan was to assess realistic spending space estimates for implementation of the plan. This involved an assessment of each country's fiscal space, their ability to absorb and implement funds and allocate national budget funds to transport. The coloured circles represent estimated country-specific constraints for each criterion up to 2030.



EXTENSION OF THE TEN-T CORE NETWORK PROGRAMME HIGHLIGHTS

LOGISTICS

- AZ** Free Trade Zone/Logistics in Alyat and Creation of 5 other Logistics Centres
€779 M (Potential PPP)
- GE** Logistics Centres in Kumisi and Kutaisi
Anaklia Deep Sea Port
€900 M (Proposed IFIs/ Committed PPP)
- UA** Improvement of Yuzhny and Chornomorsk Ports
€615 M (Potential IFIs/PPP/Own resources)

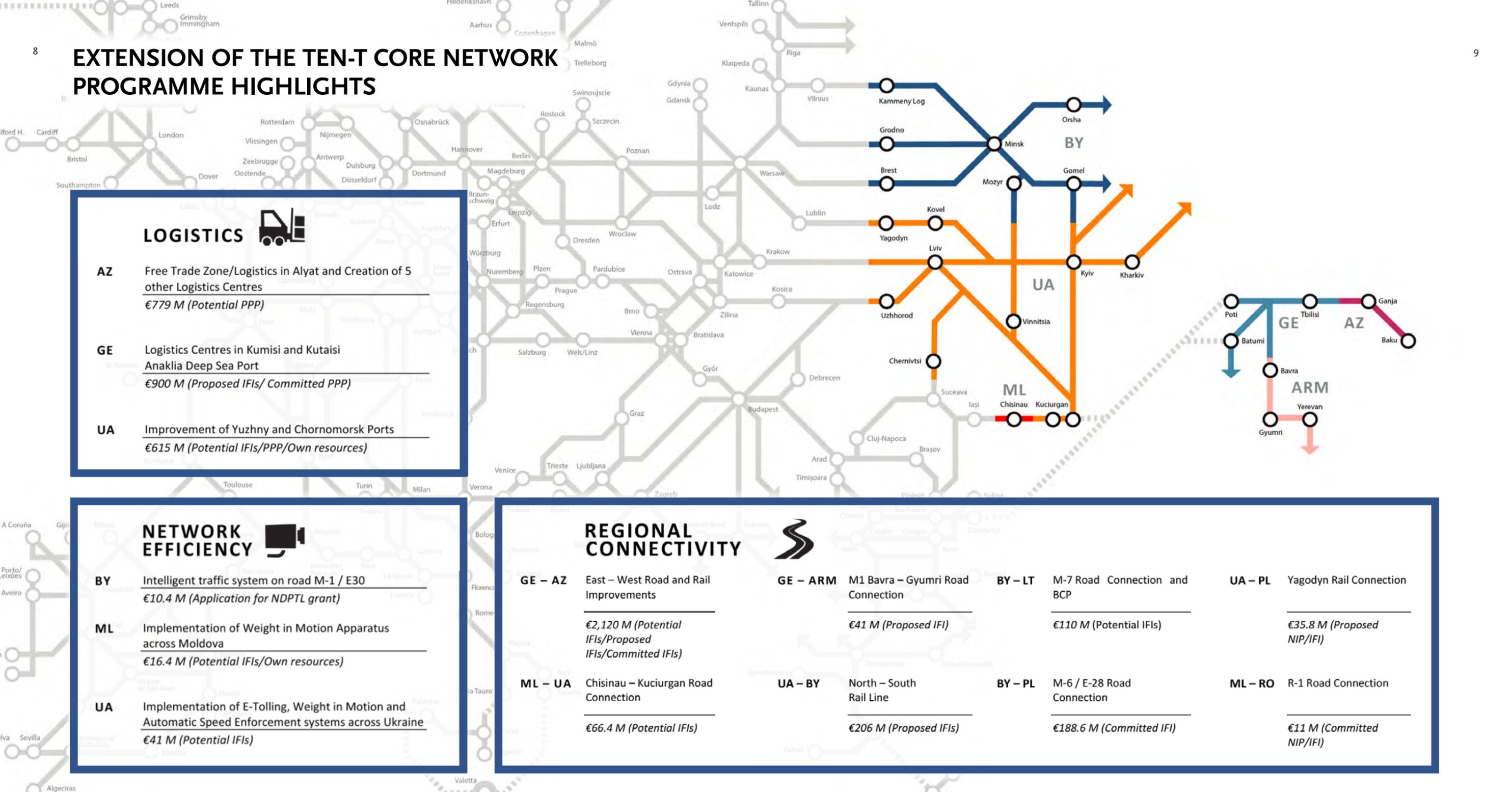
NETWORK EFFICIENCY

- BY** Intelligent traffic system on road M-1 / E30
€10.4 M (Application for NDPTL grant)
- ML** Implementation of Weight in Motion Apparatus across Moldova
€16.4 M (Potential IFIs/Own resources)
- UA** Implementation of E-Tolling, Weight in Motion and Automatic Speed Enforcement systems across Ukraine
€41 M (Potential IFIs)

REGIONAL CONNECTIVITY

GE – AZ East – West Road and Rail Improvements <i>€2,120 M (Potential IFIs/Proposed IFIs/Committed IFIs)</i>	GE – ARM M1 Bavra – Gyumri Road Connection <i>€41 M (Proposed IFI)</i>	BY – LT M-7 Road Connection and BCP <i>€110 M (Potential IFIs)</i>	UA – PL Yagodyn Rail Connection <i>€35.8 M (Proposed NIP/IFI)</i>
ML – UA Chisinau – Kuciurgan Road Connection <i>€66.4 M (Potential IFIs)</i>	UA – BY North – South Rail Line <i>€206 M (Proposed IFIs)</i>	BY – PL M-6 / E-28 Road Connection <i>€188.6 M (Committed IFI)</i>	ML – RO R-1 Road Connection <i>€11 M (Committed NIP/IFI)</i>

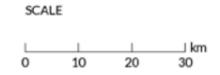
<h3>Project Preparation </h3> <p>Project preparation shall meet international standards to attract investors.</p>	<h3>Road Safety </h3> <p>Priority investments shall incorporate road safety best practices in their design.</p>	<h3>Maintenance & Resilience </h3> <p>Resilience informed maintenance should remain the first investment priority.</p>	<h3>Private Sector Participation </h3> <p>Improving the investment climate is key to addressing financing challenges.</p>	<h3>Innovation </h3> <p>New technologies represent opportunities that the region should continue to capitalize on.</p>	<h3>Gender </h3> <p>Transport sector shall be made safe and attractive for more highly skilled women.</p>
--	--	---	--	---	--





REPUBLIC OF ARMENIA

PRIORITY PROJECTS



- GYUMRI – BAVRA**

North-South Road Corridor:
Gyumri – Bavra, Tranche 5
(2-lane rehabilitation)

Finance: Proposed EIB

€41 M

- YEREVAN – VANADZOR**

M4/M8 Yerevan – Vanadzor
(2-lane rehabilitation)

Finance: National Budget

€7.5 M

- ARTASHAT – AGARAK**

North-South Corridor, Tranche 4
(2 lane rehabilitation)

Finance: Potential IFIs / National budget

€450 M

Reconstruction using highway standard with possible greenfield bypass of Kajaran – Sisian section to be considered in the long-term provided that traditional finance and/or an acceptable PPP arrangement in line with the fiscal space is found. Estimated cost to be confirmed at design stage EUR 2,100 M. This figure is not included in this investment framework.

- MEGHRI BORDER CROSSING POINT**

Finance: Proposed EIB

€15 M



TOTAL INVESTMENT

Road	Border Crossing Point
5 projects	1 project
717 €M	15 €M

PROJECT STATUS

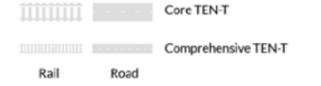
Complete	Up to 2020	Up to 2020	Up to 2030	Total
	Ongoing Programme	Quick Wins*	Long Term*	
	2 projects	1 project	3 projects	6 projects
	203 €M of remaining investments	7.7 €M of investments	521 €M of investments	732 €M of investments

* figures include a 3% project preparation cost



REPUBLIC OF AZERBAIJAN

PRIORITY PROJECTS



5 LOGISTICS CENTRES
 Creation of 5 Logistics Centres
 Finance: Potential PPP
€369 M

ALYAT FREE TRADE ZONE
 Alyat Free Trade Zone and logistics Centre
 Finance: Potential PPP
€410 M

EAST-WEST RAILWAYS
 East-West railways: remaining signaling, telecommunications and electrification
 Finance: Potential IFIs
€328 M

TOTAL INVESTMENT

Road	Rail	Logistics Centres
280 km		6
2 projects	2 projects	2 projects
613 €M	663 €M	802 €M

PROJECT STATUS

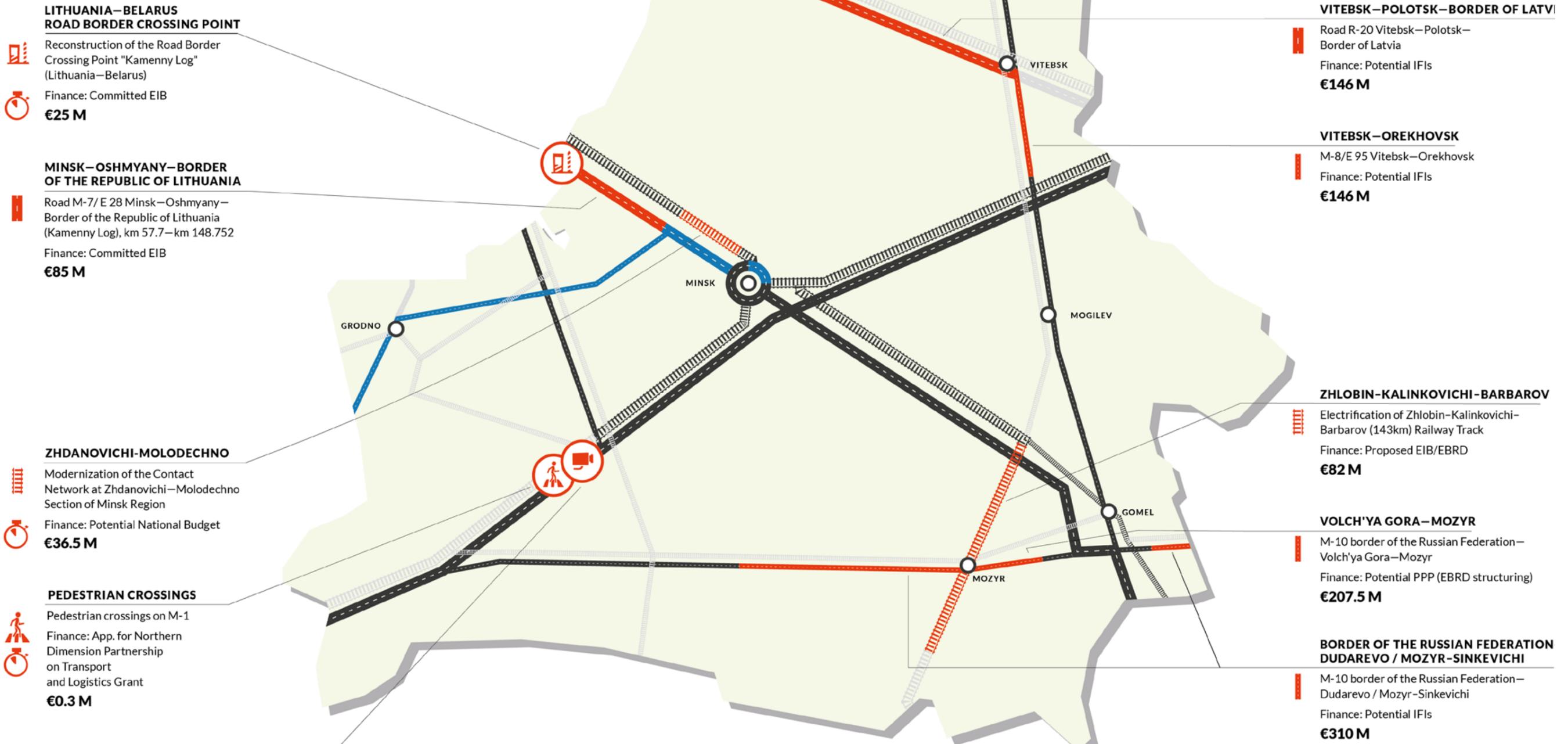
Complete	Up to 2020	Up to 2030	Total
	Ongoing Programme	Long Term*	
	3 projects	3 projects	6 projects
	938 €M of remaining investments	1,140 €M of investments	2,078 €M of investments

* figures include a 3% project preparation cost



REPUBLIC OF BELARUS

PRIORITY PROJECTS



LITHUANIA—BELARUS ROAD BORDER CROSSING POINT
 Reconstruction of the Road Border Crossing Point "Kamenny Log" (Lithuania—Belarus)
 Finance: Committed EIB
€25 M

MINSK—OSHMANY—BORDER OF THE REPUBLIC OF LITHUANIA
 Road M-7/ E 28 Minsk—Oshmyany—Border of the Republic of Lithuania (Kamenny Log), km 57.7—km 148.752
 Finance: Committed EIB
€85 M

ZHDANOVICHI—MOLODECHNO
 Modernization of the Contact Network at Zhdanovichi—Molodechno Section of Minsk Region
 Finance: Potential National Budget
€36.5 M

PEDESTRIAN CROSSINGS
 Pedestrian crossings on M-1
 Finance: App. for Northern Dimension Partnership on Transport and Logistics Grant
€0.3 M

BREST—BARANOWICHI AND MINSK—BORDER OF THE RUSSIAN FEDERATION
 ITS for M-1 / E30 on sections Brest—Baranowichi and Minsk—the Border of Russian Federation
 Finance: App. for Northern Dimension Partnership on Transport and Logistics Grant
€10.4 M

VITEBSK—POLOTSK—BORDER OF LATVIA
 Road R-20 Vitebsk—Polotsk—Border of Latvia
 Finance: Potential IFIs
€146 M

VITEBSK—OREKHOVSK
 M-8/E 95 Vitebsk—Orekhovsk
 Finance: Potential IFIs
€146 M

ZHLOBIN—KALINKOVICHI—BARBAROV
 Electrification of Zhlobin—Kalinkovichi—Barbarov (143km) Railway Track
 Finance: Proposed EIB/EBRD
€82 M

VOLCH'YA GORA—MOZYR
 M-10 border of the Russian Federation—Volch'ya Gora—Mozyr
 Finance: Potential PPP (EBRD structuring)
€207.5 M

BORDER OF THE RUSSIAN FEDERATION DUDAREVO / MOZYR—SINKEVICHI
 M-10 border of the Russian Federation—Dudarevo / Mozyr—Sinkevichi
 Finance: Potential IFIs
€310 M

TOTAL INVESTMENT

Road	Rail	Traffic Management	Border Crossing Point
890 km	200 km		
8 projects	2 projects	1 project	1 project
1,090 €M	122 €M	11 €M	25 €M

PROJECT STATUS

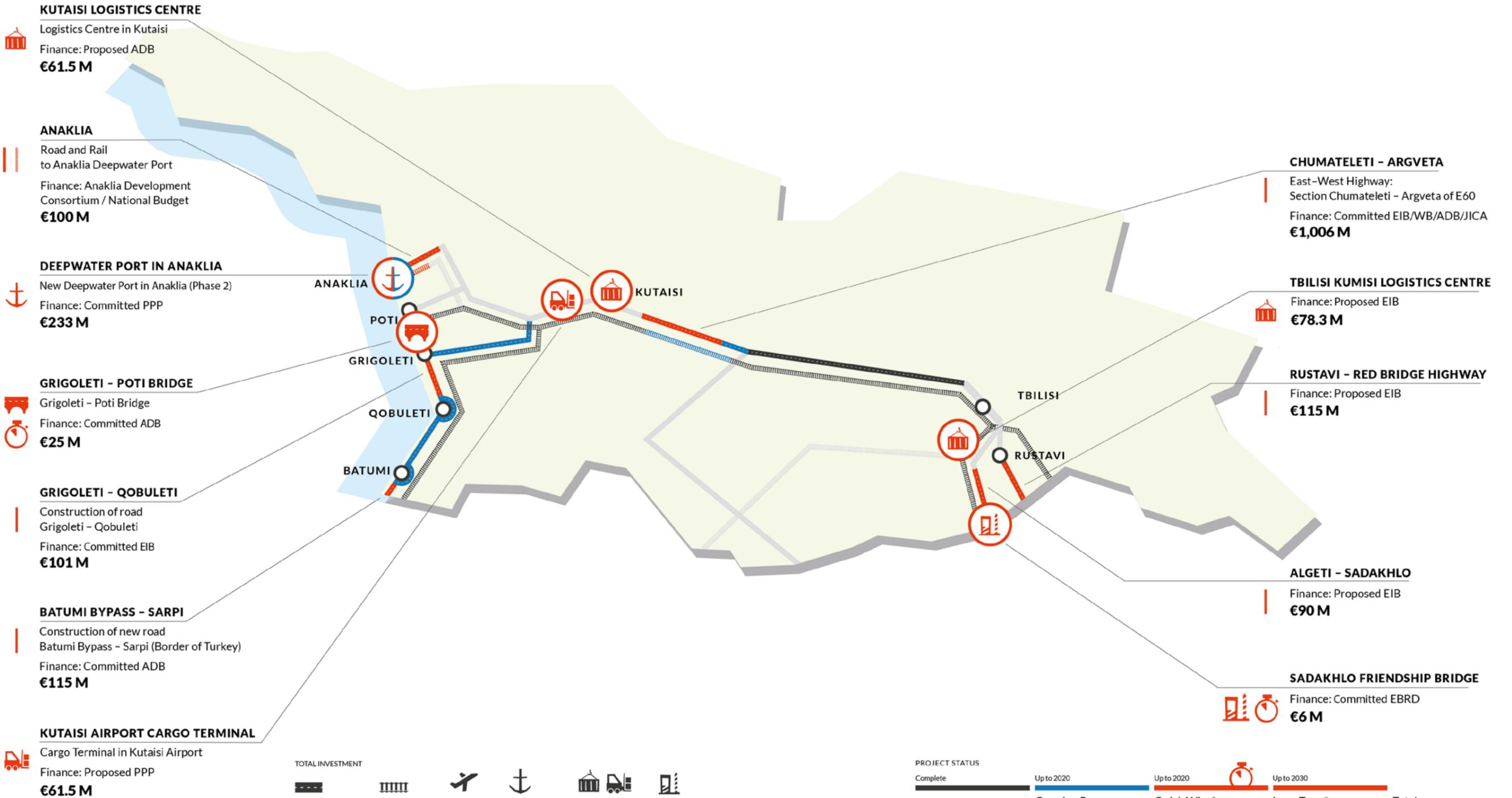
Complete	Up to 2020	Up to 2020	Up to 2030	Total
	Ongoing Programme	Quick Wins*	Long Term*	
	2 projects	4 projects	6 projects	12 projects
	168 €M of remaining investments	74 €M of investments	1,006 €M of investments	1,248 €M of investments

* figures include a 3% project preparation cost



GEORGIA

PRIORITY PROJECTS



TOTAL INVESTMENT

Road 280 km	Rail 90 km	Aviation	1 Port	2 Logistics Centres	Border Crossing Point
10 projects	2 projects	1 project	2 projects	2 projects	1 project
2,087 €M	349 €M	63 €M	767 €M	144 €M	6 €M

PROJECT STATUS

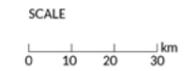
Complete	Up to 2020	Up to 2020	Up to 2030	Total
	Ongoing Programme	Quick Wins*	Long Term*	
6 projects	2 projects	10 projects	18 projects	
1,365 €M of remaining investments	32 €M of investments	2,020 €M of investments	3,417 €M of investments	

* figures include a 3% project preparation cost

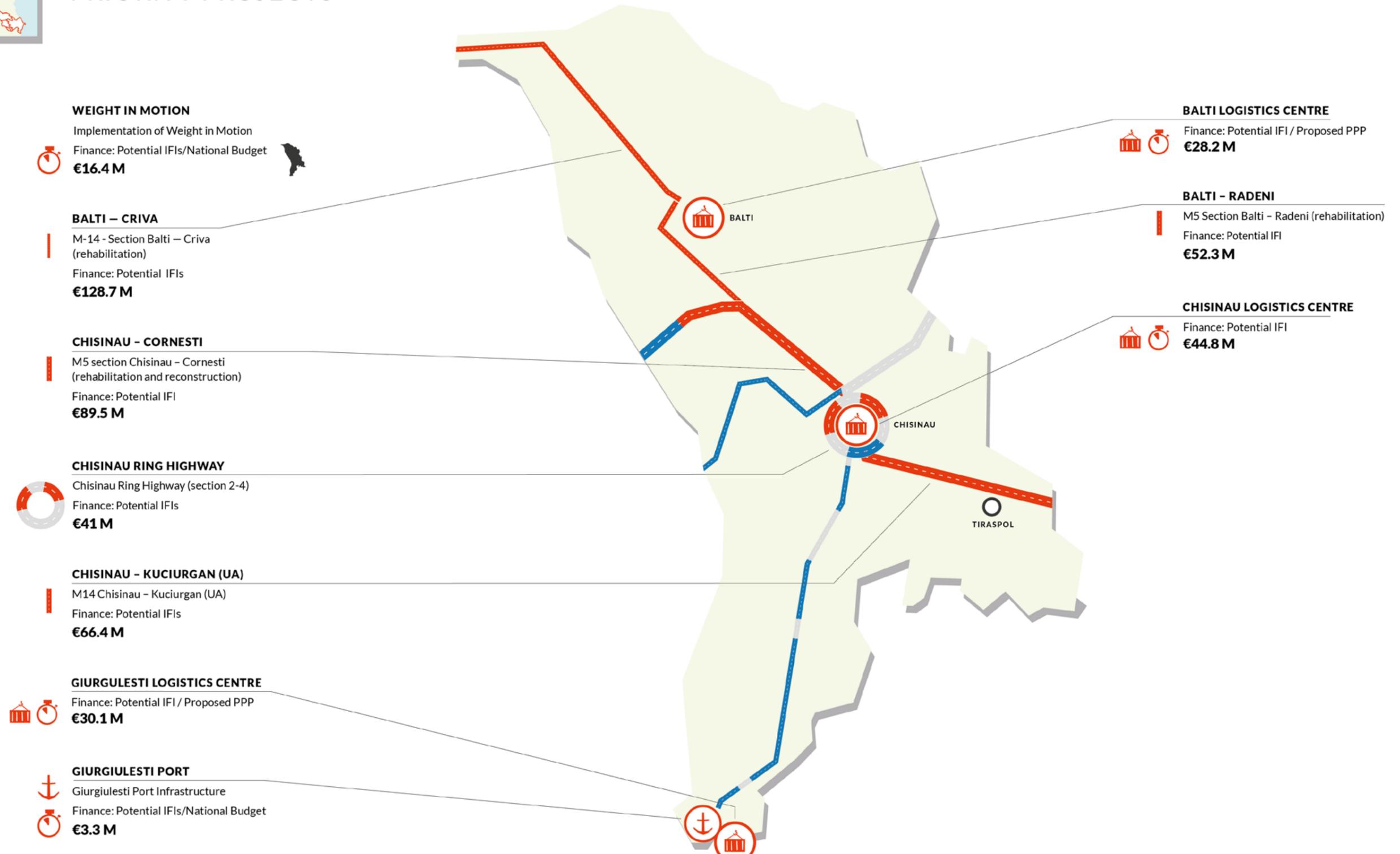


REPUBLIC OF MOLDOVA

PRIORITY PROJECTS



Project implementation throughout the country



WEIGHT IN MOTION

Implementation of Weight in Motion

Finance: Potential IFIs/National Budget

€16.4 M

BALTI – CRIVA

M-14 - Section Balti – Criva (rehabilitation)

Finance: Potential IFIs

€128.7 M

CHISINAU – CORNESTI

M5 section Chisinau – Cornesti (rehabilitation and reconstruction)

Finance: Potential IFI

€89.5 M

CHISINAU RING HIGHWAY

Chisinau Ring Highway (section 2-4)

Finance: Potential IFIs

€41 M

CHISINAU – KUCIURGAN (UA)

M14 Chisinau – Kuciurgan (UA)

Finance: Potential IFIs

€66.4 M

GIURGULESTI LOGISTICS CENTRE

Finance: Potential IFI / Proposed PPP

€30.1 M

GIURGIULESTI PORT

Giurgulesti Port Infrastructure

Finance: Potential IFIs/National Budget

€3.3 M

BALTI LOGISTICS CENTRE

Finance: Potential IFI / Proposed PPP

€28.2 M

BALTI – RADENI

M5 Section Balti – Radeni (rehabilitation)

Finance: Potential IFI

€52.3 M

CHISINAU LOGISTICS CENTRE

Finance: Potential IFI

€44.8 M

TOTAL INVESTMENT

Road 1,000 km	Rail	1 Port	3 Logistics Centres
12 projects	1 project	1 project	3 projects
787 €M	20 €M	3 €M	106 €M

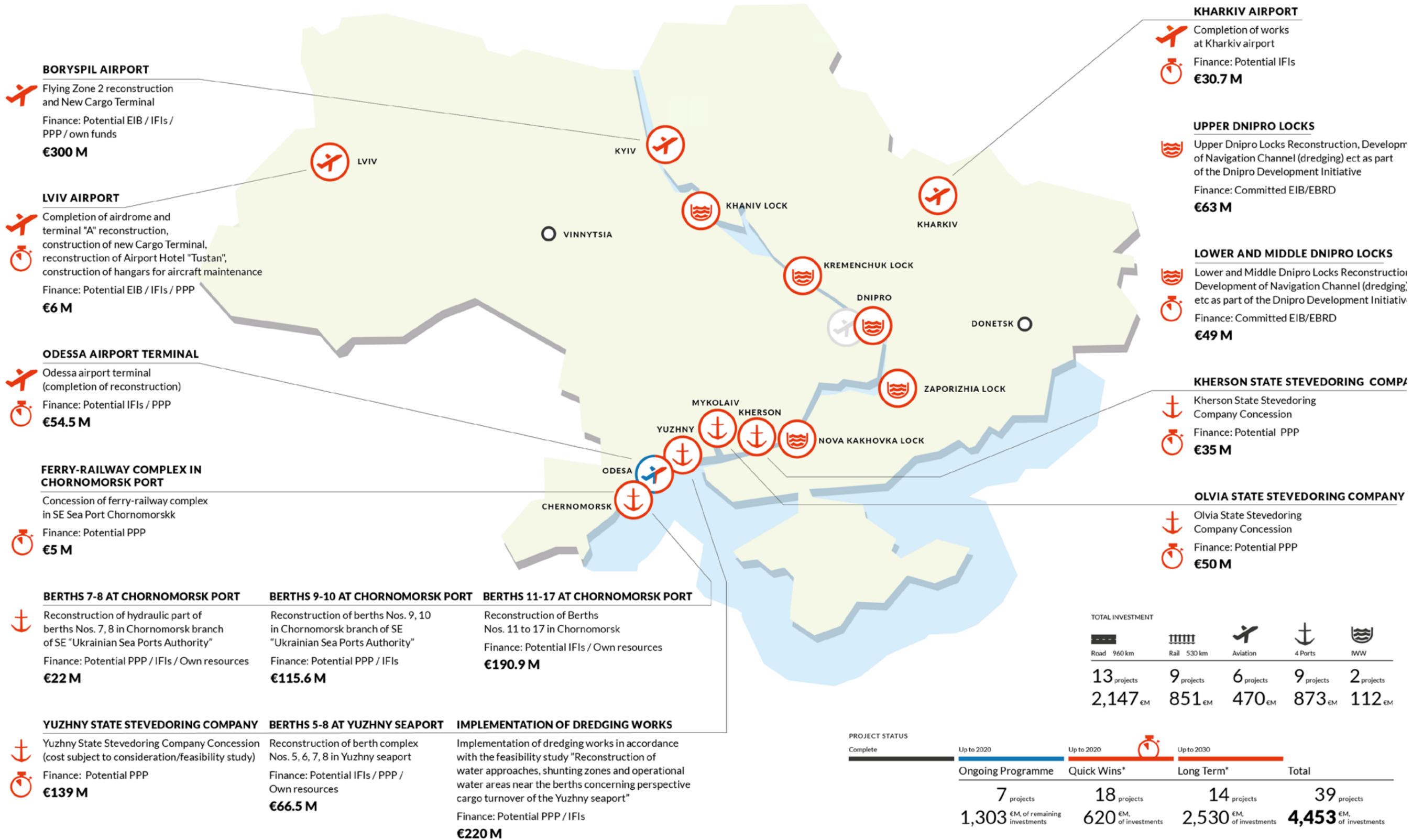
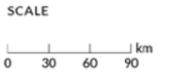
PROJECT STATUS

Complete	Up to 2020	Up to 2020	Up to 2030	Total
	Ongoing Programme	Quick Wins*	Long Term*	
7 projects	5 projects	5 projects	17 projects	
401 €M of remaining investments	127 €M of investments	389 €M of investments	917 €M of investments	

* figures include a 3% project preparation cost

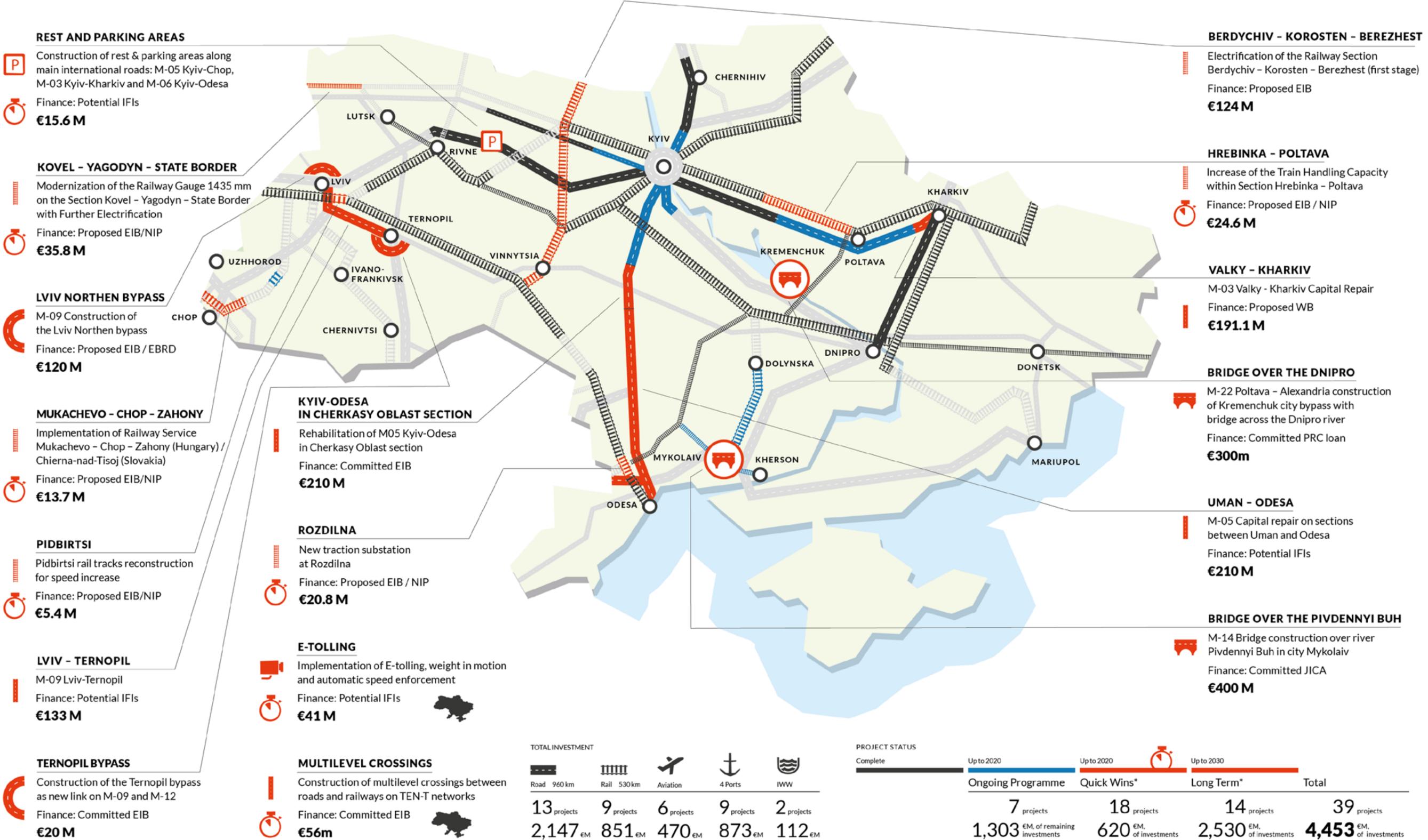
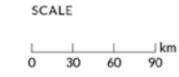


UKRAINE AVIATION, PORT AND IWW PRIORITY PROJECTS





UKRAINE ROAD AND RAIL PRIORITY PROJECTS



REST AND PARKING AREAS

Construction of rest & parking areas along main international roads: M-05 Kyiv-Chop, M-03 Kyiv-Kharkiv and M-06 Kyiv-Odesa
Finance: Potential IFIs
€15.6 M

KOVEL - YAGODYN - STATE BORDER

Modernization of the Railway Gauge 1435 mm on the Section Kovel - Yagodyn - State Border with Further Electrification
Finance: Proposed EIB/NIP
€35.8 M

LVIV NORTHERN BYPASS

M-09 Construction of the Lviv Northern bypass
Finance: Proposed EIB / EBRD
€120 M

MUKACHEVO - CHOP - ZAHONY

Implementation of Railway Service Mukachevo - Chop - Zahony (Hungary) / Chierna-nad-Tisoj (Slovakia)
Finance: Proposed EIB/NIP
€13.7 M

PIDBIRTSI

Pidbirtsi rail tracks reconstruction for speed increase
Finance: Proposed EIB/NIP
€5.4 M

LVIV - TERNOPII

M-09 Lviv-Ternopil
Finance: Potential IFIs
€133 M

TERNOPII BYPASS

Construction of the Ternopil bypass as new link on M-09 and M-12
Finance: Committed EIB
€20 M

KYIV-ODESA IN CHERKASY OBLAST SECTION

Rehabilitation of M05 Kyiv-Odesa in Cherkasy Oblast section
Finance: Committed EIB
€210 M

ROZDILNA

New traction substation at Rozdilna
Finance: Proposed EIB / NIP
€20.8 M

E-TOLLING

Implementation of E-tolling, weight in motion and automatic speed enforcement
Finance: Potential IFIs
€41 M

MULTILEVEL CROSSINGS

Construction of multilevel crossings between roads and railways on TEN-T networks
Finance: Committed EIB
€56m

BERDYCHIV - KOROSTEN - BEREZHEST

Electrification of the Railway Section Berdychiv - Korosten - Berezhest (first stage)
Finance: Proposed EIB
€124 M

HREBINKA - POLTAVA

Increase of the Train Handling Capacity within Section Hrebinka - Poltava
Finance: Proposed EIB / NIP
€24.6 M

VALKY - KHARKIV

M-03 Valky - Kharkiv Capital Repair
Finance: Proposed WB
€191.1 M

BRIDGE OVER THE DNIPRO

M-22 Poltava - Alexandria construction of Kremenchuk city bypass with bridge across the Dnipro river
Finance: Committed PRC loan
€300m

UMAN - ODESA

M-05 Capital repair on sections between Uman and Odesa
Finance: Potential IFIs
€210 M

BRIDGE OVER THE PIVDENNYI BUH

M-14 Bridge construction over river Pivdennyi Buh in city Mykolaiv
Finance: Committed JICA
€400 M

TOTAL INVESTMENT

Road	Rail	Aviation	Ports	IWW
960 km	530 km		4	
13 projects	9 projects	6 projects	9 projects	2 projects
2,147 €M	851 €M	470 €M	873 €M	112 €M

PROJECT STATUS

Complete	Up to 2020	Up to 2020	Up to 2030	Total
Ongoing Programme	Quick Wins*	Long Term*		
7 projects	18 projects	14 projects	39 projects	
1,303 €M. of remaining investments	620 €M. of investments	2,530 €M. of investments	4,453 €M. of investments	

* figures include a 3% project preparation cost

Disclaimer

This document, as well as any data and any map included herein, are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.

