Indicative TEN-T Investment Action Plan
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.
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INDICATIVE TEN-T INVESTMENT ACTION PLAN OVERVIEW

The Indicative TEN-T Investment Action Plan identifies priority investments of around Euro 12.8 billion\(^1\) 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.

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.

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

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Note: In addition to the current brochure a detailed technical report will be made available on: [https://ec.europa.eu/neighbourhood-enlargement/](https://ec.europa.eu/neighbourhood-enlargement/)
EXTENSION OF THE TEN-T CORE NETWORK PROGRAMME HIGHLIGHTS

**LOGISTICS**

AZ  Free Trade Zone/Logistics in Alyt and Creation of 5 other Logistics Centres  £799 M (Potential PPP)

GE  Logistics Centres in Kumisi and Kutaisi Anaklia Deep Sea Port  €500 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)

GE  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  £2,120 M (Potential IFIs/Proposed IFIs/Committed IFIs)

GE – ARM  M1 Bavra – Gyumri Road Connection  €41 M (Proposed IFI)

ML – UA  Chisinau – Kukurcan Road Connection  €6.4 M (Potential IFIs)

UA – BY  North – South Rail Line  €206 M (Proposed IFIs)

BY – PL  M-6 / E-28 Road Connection  €188.6 M (Committed IFI)

ML – RO  R-1 Road Connection  €11 M (Committed NonIFI)

**Project Preparation**

Project preparation shall meet international standards to attract investors.

**Road Safety**

Priority investments shall incorporate road safety best practices in their design.

**Maintenance & Resilience**

Resilience informed maintenance should remain the first investment priority.

**Private Sector Participation**

Improving the investment climate is key to addressing financing challenges.

**Innovation**

New technologies represent opportunities that the region should continue to capitalize on.

**Gender**

Transport sector shall be made safe and attractive for more highly skilled women.
REPUBLIC OF ARMENIA

PRIORITY PROJECTS

GYUMRI — BAVRA
- North-South Road Corridor: Gyumri — Bavra, Tranche 5 (2-lane rehabilitation)
- Finance: Proposed EIB
- €41M

YEREVAN — VANADZOR
- M4/I59: Yerevan — Vanadzor (2-lane rehabilitation)
- Finance: National Budget
- €7.5M

ARTASHAT — AGARAK
- North-South Corridor, Tranche 4 (2-lane rehabilitation)
- Finance: Petrola IFs / National budget
- €450M
- 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
- €15M

TOTAL INVESTMENT

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Length</th>
<th>Projects</th>
<th>Sum</th>
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<tbody>
<tr>
<td>Road</td>
<td>179 km</td>
<td>5</td>
<td>717 M</td>
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<tr>
<td>Border Crossing Point</td>
<td>15 km</td>
<td>1</td>
<td>15 M</td>
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PROJECT STATUS

<table>
<thead>
<tr>
<th>Status</th>
<th>Ongoing Programme</th>
<th>Quick Win*</th>
<th>Long Term**</th>
<th>Total*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upto 2023</td>
<td>2 projects</td>
<td>1 project</td>
<td>3 projects</td>
<td>6 projects</td>
</tr>
<tr>
<td>Upto 2030</td>
<td>203 M of investments</td>
<td>7.7 M of investments</td>
<td>521 M of investments</td>
<td>732 M of investments</td>
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</table>

*Figures include capital costs of investments.
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

<table>
<thead>
<tr>
<th>Mode</th>
<th>VE (M)</th>
<th>DE (M)</th>
<th>LIE (M)</th>
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<tr>
<td>Rail</td>
<td>613.0 M</td>
<td>663.0 M</td>
<td>802.0 M</td>
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PROJECT STATUS

<table>
<thead>
<tr>
<th>Ongoing Programme</th>
<th>Long Term**</th>
<th>Total</th>
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<tbody>
<tr>
<td>June 2020 Project</td>
<td>June 2020 Project</td>
<td>6 projects</td>
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<tr>
<td>3 projects</td>
<td>3 projects</td>
<td>2,078 M</td>
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<tr>
<td>938 M</td>
<td>1,140 M</td>
<td>IFIs of investments</td>
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*Figures include a 2% project preparation cost
UKRAINE AVIATION, PORT AND IWW PRIORITY PROJECTS

BORYSIPL AIRPORT
Flying Zone 2 reconstruction and new Cargo Terminal
Finance: Potential EIB / IFIs / PPP / own funds
€300 M

LVIV AIRPORT
Completion of airside and terminal "A" reconstruction, construction of new Cargo Terminal, reconstruction of Airport Hotel "Lyvian"; construction of hangars for aircraft maintenance
Finance: Potential EIB / IFIs / PPP
€6 M

ODESSA AIRPORT TERMINAL
Odessa airport terminal (completion of reconstruction)
Finance: Potential IFIs / PPP
€54.5 M

FERRY-RAILWAY COMPLEX IN CHORNOMORSK PORT
Concession of ferry-railway complex in SE Sea Port Chornomorsk
Finance: Potential PPP
€5 M

BERTHS 7-8 AT CHORNOMORSK PORT
Reconstruction of hydraulic part of berths Nos. 7-8 in Chornomorsk branch of SE "Ukrainian Sea Ports Authority"
Finance: Potential PPP / IFIs / Own resources
€22 M

BERTHS 9-10 AT CHORNOMORSK PORT
Reconstruction of berths Nos. 9, 10 in Chornomorsk branch of SE "Ukrainian Sea Ports Authority"
Finance: Potential PPP / IFIs
€115.6 M

BERTHS 11-17 AT CHORNOMORSK PORT
Reconstruction of Berths Nos. 11 to 17 in Chornomorsk
Finance: Potential IFIs / Own resources
€190.9 M

YUZHNYY STATE STEVEDORING COMPANY
Yuzhny State Stevedoring Company Concession (not subject to consideration/feasibility study)
Finance: Potential PPP
€139 M

BUFFALO AIRPORT
Completion of works at Kharkiv airport
Finance: Potential IFIs
€30.7 M

UPPER DNIPRO LOCKS
Upper Dnipro Locks Reconstruction, Development of Navigation Channel (dredging) as part of the Dnipro Development Initiative
Finance: Convened EIB / EBRD
€63 M

LOWER AND MIDDLE DNIPRO LOCKS
Lower and Middle Dnipro Locks Reconstruction Development of Navigation Channel (dredging etc) as part of the Dnipro Development Initiative
Finance: Convened EIB / EBRD
€49 M

KHerson State Stevedoring Company Concession
Finance: Potential PPP
€35 M

OLIVIA STATE STEVEDORING COMPANY
Olia State Stevedoring Company Concession
Finance: Potential PPP
€50 M

TOTAL INVESTMENT
Total
13 projects
9 projects
6 projects
9 projects
2 projects

2,147 M
851 M
470 M
873 M
112 M

PROJECT STATUS
(Expiry 2020)
In progress
7 projects
1,303 M (incl. pre-Investment preparation)
Ongoing Programme
Quick Wins*
18 projects
620 M (incl. pre-Investment preparation)
Long Term*
14 projects
2,530 M (incl. pre-Investment preparation)
Total
39 projects
4,453 M (incl. pre-Investment preparation)

*Figure includes A2 top project preparation cost
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-04 Odessa
  - Finance: Potential IFIs
  - €15.6 M

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

LVIV NORTHERN BYPASS - CHOP
- M-09 Construction of the Lviv Northern bypass
  - Finance: Proposed EIB / EIBRD
  - €120 M

MUKACHEVO - CHOP - ZAHONY
- Implementation of Railway Service: Mukachev - Chop - Zalony (Ukraine) / Chernivtsi-Tsjech (Poland)
  - Finance: Proposed EIB/NIP
  - €13.7 M

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

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

TERNOPIL 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
  - €56 M

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

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

BRIDGE OVER THE PIVDennyi Buhr
- M-14 Bridge construction over river Pivdennyi Buhr in city Mykolav
  - Finance: Committed IFCA
  - €400 M

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

BRIDGE OVER THE PIVDennyi Buhr
- M-14 Bridge construction over river Pivdennyi Buhr in city Mykolav
  - Finance: Committed IFCA
  - €400 M

PROJECT STATUS
- Total investments: €39.2 billion
- Projects: 39
- Projects in Ongoing Programme: 7
- Projects in Quick Win*: 18
- Projects in Long Term*: 14
- Projects remaining in Development: 1,303
- Projects of new initiations: 620
- Projects with commitments: 2,530
*Projects include all project preparation costs
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.