EATL PHASE II
Project Prioritization Exercise

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Content

- Scope of prioritization exercise.
- Input received.
- Methodology-Project Classification.
- Prioritization results per country.
- Summary Results.
- Proposed steps for prioritization exercise completion.

**NOTE**

- Results presented are those presented and discussed at the 6th Session of Group of Experts on Euro-Asian Transport Links (July 2011, Almaty, Kazakhstan).
- Subject to revision based on countries’ new input.
Scope

- The goal is to present a consistent and realistic short, medium and long term investment strategy for the identified EATL Phase II Routes.
  - Review and update of projects identified under EATL Phase I.
  - Analysis of information on new projects based on country inputs.
  - Prioritize projects through the application of the proposed methodology.
  - Elaborate the new investment plan of EATL Phase II.
Input Received

- Out of the 27 countries participating in this project:
  - Countries that submitted data:
    Afghanistan, Armenia, Azerbaijan, Bulgaria, China, Georgia, Germany, Greece, Latvia, Lithuania, Kazakhstan, Kyrgyzstan, Mongolia, Pakistan, Republic of Moldova, Romania, Russian Federation, Tajikistan, the former Yugoslav Republic of Macedonia, Turkey, Ukraine, Uzbekistan
  - Countries that have not submit data to date:
    Belarus, Iran, Finland, Luxemburg, Turkmenistan
Project Infrastructure Category

By type of infrastructure:
- Road projects (ROD)
- Railway project (RLW)
- Maritime projects (MAR)
- Inland waterway projects (INL)
- Inland/border crossing and other projects (INM)
Project Priority Category

- **Category I**
  - projects, which have funding secured and are on-going and expected to be completed in the near future (up to 2013).

- **Category II**
  - projects, which may be funded or their plans are approved and are expected to be implemented rapidly (up to 2016).

- **Category III**
  - projects requiring some additional investigation for final definition before likely financing and implemented (up to 2020).

- **Category IV**
  - projects requiring further investigation for final definition and scheduling before possible financing, including projects, for which insufficient data existed. (most likely to be implemented after 2020)

- **Completed projects**

- **Reserve category**
  - Projects along other important routes and of national importance that may be included in the EATL routes in the future.
Key Assumptions

- Methodology application based on the updated data received by each country involved.

- Application of the methodology was **not feasible** in all cases due to **limited data availability**.

- Where no updated data was received, the consultant attempted to:
  - collect the missing information from other sources
  - carry out the analysis based on a number of assumptions that are explicitly stated and justified.

- Project costs are depicted in Billion United States Dollars.
Total Number of Projects

- In total **404 projects** were proposed by the participating countries of total cost amounting to approximately **$246 billion**:
  - **287 projects** have been identified to be along the approved and proposed **EATL Phase II Routes**
  - **117 projects** are of national importance (Reserve Category).
Analysis on a Country Basis
Afghanistan

- 35 Projects of total cost $3,02 billion
  - 6 along approved and proposed EATL Routes of total cost $0,288 billion
  - 29 of national importance of total cost $2,792 billion

- 6 EATL Routes Projects
- Road Projects
  - 1 has committed funding-Category I
  - 5 classified as Category IV due to lack of information on funding
- 1% of the funding has been secured.
Armenia

- 13 Projects of total cost $2,788 billion
  - 10 along approved and proposed EATL Routes of total cost $2,412 billion
  - 3 of national importance of total cost $0,377 billion
- **10 EATL Routes Projects**
  - 5 Road Projects ($0,517 billion):
    - Committed funding-Category I
  - 3 Rail Projects ($1,895 billion):
    - Category IV (at launch of tender but financing not secured yet)
  - 2 Other Projects (no cost estimate provided):
    - Category II (Transport Strategy 2009-2019 to be completed in 2015)
- 21% of the funding has been secured.
Azerbaijan

- 6 EATL Routes Projects of total cost $1,788 billion
  - 4 Road Projects ($0.938 billion)
  - 1 Rail Project ($0.45 billion)
  - 1 Port Project ($0.4 billion)
  - All have committed funding - Category I

- 100% of the funding has been secured.
23 Projects of total cost $8,097 billion
- 11 along approved and proposed EATL Routes of total cost $7,697 billion
- 12 of national importance of total cost $0.4 billion

11 EATL Routes Projects
- 3 Road Projects ($0.655 billion)
  - 2 were classified as Category I
  - 1 was classified as Category II
- 6 Rail Projects ($6,849 billion)
  - Committed funding—Category I
- 1 Maritime port project ($0.193 billion)
  - Completed
- 1 Inland waterway project for which no information was given and is classified as Category IV
- 93% of the funding has been secured.
China

- **18 EATL Routes Projects** of total cost $7,193 billion
  - **16 Road Projects** ($6,289 billion):
    - 6 have committed funding - Category I
    - 6 were classified as Category II
    - 9 were classified as Category III
  - **2 Port Projects** ($0,904 billion):
    - Committed funding - Category I

- **57% of the funding has been secured.**
18 Projects of total cost $1,227 billion
- 14 along approved and proposed EATL Routes of total cost $1,171 billion
- 4 of national importance of total cost $0,056 billion

14 EATL Routes Projects
- 12 Road projects ($0,439 billion):
  - 6 have committed funding - Category I
  - For 6, there is no information on the sources of funding and thus were classified as Category IV
- 2 Rail Projects ($0,732 billion):
  - 1 has committed funding - Category I
  - According to available information the remaining project was classified as Category II.

66% of the funding has been secured.

*subject to revision based on new input submitted*
Germany*

- 5 Projects of total cost $1,734 billion
  - 4 along proposed EATL Routes of total cost $1,069 billion
  - 1 of national importance of total cost $0,655 billion

- 4 EATL Routes Projects
  - 2 Road Projects ($0,352 billion):
    - According to evaluation methodology, these were classified as Category IV.
  - 2 Rail Projects ($0,717 billion):
    - According to evaluation methodology:
      - 1 was classified as Category III
      - 1 was classified as Category IV

- No funding has been secured.

* subject to revision based on new input submitted
Greece*

- 5 Projects of total cost $0.865 billion
  - 3 along proposed EATL Routes of total cost $0.763 billion
  - 2 of national importance of total cost $0.102 billion
- 3 EATL Routes Projects
  - 2 Road Projects ($0.705 billion)
  - 1 Port Project ($0.058 billion)
  - Committed funding-Category I
- 100 % of funding has been secured.

* subject to revision based on new input submitted
7 Projects of total cost $3,478 billion
- 6 along approved and proposed EATL Routes of total cost $3,478 billion
- 1 of national importance (no cost estimate provided).

6 EATL Routes Projects
- All Rail Projects ($3,478 billion)
  - 5 were classified as Category I
  - 1 was classified as Category II

61% of the funding has been secured.
Kazakhstan

- 13 Projects of total cost $10,489 billion
  - 10 along approved and proposed EATL Routes of total cost $8,918 billion
  - 3 of national importance of total cost $1,571 billion

- 10 EATL Routes Projects
  - 8 Road Projects ($7,411 billion)
  - 2 Rail Projects ($1,507 billion)
    - Based on relevant information are planned to go ahead, thus belong to Category I.

- 100% of the funding has been secured.
Kyrgyzstan*

- **16 Projects of total cost $2,06 billion**
  - 11 along approved and proposed EATL Routes of total cost $1,953 billion
  - 5 of national importance of total cost $0,107 billion
- **11 EATL Routes Projects**
  - **8 Road Projects ($0,437 billion):**
    - 7 have committed funding-Category I
    - 1 has been completed
  - **3 Rail Projects ($1,517 billion):**
    - 2 were classified as Category II
    - 1 was classified as Category IV
  - **21% of the funding has been secured.**

*subject to revision based on new input submitted*
KYRGYZSTAN
Rail priority projects
Latvia

- **16 EATL Routes Projects** of total cost $3,683 billion
- **6 Road Projects** ($0.967 billion)
  - 3 have committed funding - Category I
  - For 3, no information on sources of funding - Category IV.
- **10 Rail Projects** ($2,716 billion)
  - 8 have committed funding - Category I
  - For 2, no information on sources of funding - were classified as Category IV.
- **25% of the funding has been secured.**
Lithuania

- 55 Projects of total cost $1,720 billion
  - 48 along proposed EATL Routes of total cost $1,46 billion
  - 7 of national importance of total cost $0,26 billion

- 48 EATL Routes Projects
  - 9 Road Projects ($0,447 billion)
  - 30 Rail Projects ($0,844 billion)
  - 5 Maritime Projects ($0,16 billion)
  - 4 Inland Waterway Projects ($0,009 billion)
  - All have committed funding - Category I

- 100% of the funding has been secured.
Republic of Moldova*

- 7 Projects of total cost $0.849 billion
  - 5 along proposed EATL Routes of total cost $0.756 billion
  - 2 of national importance of total cost $0.093 billion

- 5 EATL Routes Projects
  - 3 Road Projects ($0.189 billion)
    - 2 have committed funding - Category I
    - 1 was classified as Category III
  - 1 Rail Project ($0.317 billion)
    - No information on the sources of funding was given - Category IV.
  - 1 inland waterway project ($0.25 billion)
    - Committed funding - Category I

- 53% of the funding has been secured.

* subject to revision based on new input submitted
Mongolia

- 1 rail project of national importance ($1.76 billion)
Pakistan*

- 26 Projects of total cost $4,449 billion
  - 24 along proposed EATL Routes of total cost $4,242 billion
  - 2 of national importance of total cost $0,207 billion

- **24 EATL Routes Projects**
  - 21 Road Projects ($3,843 billion)
    - 10 have committed funding - Category I
    - 10 were classified as Category II
    - 1 was classified as category III
  - 1 Rail Project (no cost estimate provided)
    - Limited information was given - Category IV
  - 2 Maritime Projects ($0,399 billion)
    - 1 completed
    - 1 for which limited information was given and was classified as Category IV

- 56% of the funding has been secured.

*subject to revision based on new input submitted*
Romania*

- 7 Projects of total cost $9,694 billion
  - 6 along approved and proposed EATL Routes of total cost $0,494 billion
  - 1 of national importance of total cost $9,2 billion

- 6 EATL Routes Projects
  - 1 Maritime Project ($0,196 billion):
    - Committed funding-Category I.
  - 5 Inland waterway Projects ($0,298 billion):
    - 4 have committed funding-Category I
    - 1 for which limited information was provided-Category IV.

- 100% of the funding has been secured for those projects that information was provided.

* subject to revision based on new input submitted
Russian Federation*

- 70 Projects of total cost $148,498 billion
  - 50 along approved and proposed EATL Routes of total cost $112,856 billion
  - 20 of national importance of total cost $35,642 billion

- 50 EATL Routes Projects
  - 17 Road Projects ($72,565 billion)
    - According to the information provided were classified as Category II
  - 23 Rail Projects ($23,051 billion)
    - 6 were classified as Category I
    - 10 were classified as Category II
    - 7 were classified as Category IV
  - 5 Maritime Projects (no cost estimate provided)
    - limited information was given - Category IV
  - 5 Intermodal Terminals Projects ($17,24 billion)
    - Committed funding - Category I.

- 16% of the funding has been secured.

*subject to revision based on new input submitted
RUSSIAN FEDERATION
EASTERN PART
Rail priority projects

Euro - Asian Transport Links
- Capital City
- City/ Rail station
- Maritime Port
- Inland Port
- Rail Route (EATL)
- Rail Ferry Links (EATL)
- Rail Under Construction/ Planing
- Rail Project (on EATL Route)
- Rail Project (high national importance)
- Inland Water Transport Linkages
- River
Tajikistan*

- 32 Projects of total cost $4,876 billion
  - 12 along approved and proposed EATL Routes of total cost $0,627 billion
  - 20 of national importance of total cost $4,249 billion

- 12 EATL Routes Projects
  - 9 Road Projects ($0,537 billion)
    - 6 have committed funding-Category I
    - 3 for which limited information was given were classified as Category IV
  - 2 Rail Projects ($0,07 billion)
    - Limited information was given-Category IV
  - 1 intermodal terminals projects ($0,02 billion)
    - Limited information was given and were classified as Category IV

- 55% of the funding has been secured.

*subject to revision based on new input submitted
The former Yugoslav Republic of Macedonia*

- **6 EATL Routes Projects** of total cost $1,355 billion
  - **2 Road Projects** ($0,341 billion)
    - All have committed funding - Category I.
  - **4 Rail Projects** ($1,014 billion)
    - Based on application of methodology, all were classified as Category II.

- **25% of the funding has been secured.**

*subject to revision based on new input submitted*
Turkey*

- 18 Projects of total cost $25,556 billion
  - 15 along approved and proposed EATL Routes of total cost $25,556 billion
  - 3 of national importance (no cost estimate provided).

- 15 EATL Routes Projects
  - 8 Road Projects ($12,459 billion)
    - 5 have committed funding - Category I
    - Based on the evaluation methodology, 3 were classified as Category II.
  - 7 Rail Projects ($13,097 billion)
    - 5 have committed funding, thus belong to Category I
    - Based on the evaluation methodology, 2 were classified as Category IV

- 42% of the funding has been secured.

*subject to revision based on new input submitted*
Ukraine

- Ukraine did not submit any data for the purpose of the EATL Phase II Study until Almaty meeting.
- Ukraine submitted input few days ago.
Uzbekistan*

- Uzbekistan did not submit information for the purpose of the EATL Phase II Study. According to other information available:

  - **6 EATL Routes Rail Projects** ($1,105 billion)
    - 4 were classified as Category I
    - 2 were classified as Category II
    - 1 is of national importance ($0.1 billion).

- **64% of the funding has been secured.**

*subject to revision based on new input submitted*
Summary Analysis

Out of these 287 projects along approved and proposed EATL Phase II Routes:

- 3 projects have been completed
- 170 projects belong to Category I
- 62 projects belong to Category II
- 4 projects belong to Category III
- 48 projects belong to Category IV
Results Summary per Projects’ Type and Cost

- EATL Routes Projects total cost: $189 billion
  - 141 are road projects (49%), with an estimated value of $109 billion, representing 58% of the total investment cost.
  - 109 are railway projects (38%), with an estimated value of $59 billion, representing 31% of the total investment cost.
  - 37 are other projects (13%), with an estimated value of $20 billion, representing 11% of the total investment cost.

- National Importance Projects total cost: $57 billion
EATL Phase II Investment Plan

- 1 % of the proposed projects for the EATL Network has been **completed**
- 59 % of the proposed projects for the EATL Network is expected to be completed until **2013**
- 22 % of the proposed projects for the EATL Network is expected to be completed until **2016**
- 1 % of the proposed projects for the EATL Network is possible to be completed until **2020** and
- For 48 % of the proposed projects for the EATL Network, it is unknown when would be completed, since further investigation is necessary before definition, scheduling and possible financing.
- 33% of the funding has been **secured**.
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**EATL Network Projects**

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Conclusions

A total of 287 infrastructure projects are being proposed in the EATL Phase II Study.

The implementation of the EATL network as a whole will require the approximate sum of $189 billion, out of which only 33% has been secured.

Over half of the proposed projects (59%) are planned to be completed by year 2013.

For a fair share of the EATL network (48%), it is unknown when it would be completed.

Lack of information contributed significantly to obtaining the above results.

The above figures will change, based on the new information submitted!
Thank you for your attention!