

Summary of Proceedings
21st CAREC Transport Sector Coordinating Committee Meeting
22-23 April 2024, Almaty, Kazakhstan

Introduction

1. The Central Asia Regional Economic Cooperation (CAREC) Transport Sector Coordinating Committee (TSCC) convened for its 21st meeting on 22-23 April 2024 in Almaty, Kazakhstan. Delegates from ten CAREC Developing Member Countries (DMC) and CAREC development partners, including the Asian Development Bank (ADB), CAREC Institute (CI), Eurasian Fund for Stabilization and Development (EFSD), European Bank for Reconstruction and Development (EBRD), International Transport Forum, OECD (ITF), and the Islamic Development Bank (IsDB) attended the Meeting. The Meeting was chaired and hosted by Kazakhstan in its role as chair of the CAREC program in 2024. The Meeting agenda and list of participants are in Appendices 1 and 2.

Objectives and Discussions

2. The Meeting discussed key developments and achievements made under the five transport pillars of the CAREC Transport Strategy 2030. CAREC Developing Member Countries (DMCs) presented their respective transport Priority Programs, while Development Partners (DPs) shared progress updates on their ongoing transport initiatives within the CAREC region. Following discussions, the Meeting approved CAREC Transport's future focus areas in response to issues and challenges that were raised during the Meeting.

3. **The CAREC Program: Focus on Transport.** Between 2001 and 2023, the CAREC Program has supported 276 investment projects worth over \$50 billion, more than two thirds of which were on transport (\$34 billion). The Program's priorities for the current year include the implementation of the CAREC Climate Change Vision as well as the establishment of the CAREC Climate and Sustainability Project Preparatory Fund, both of which are highly relevant to the transport sector. The CAREC Program is also developing the CAREC Corridor 2 (Middle Corridor) Development Strategy which will establish an institutional framework for a multi-stakeholder coordinated corridor development. The draft strategy will be reported to the CAREC Ministerial Conference in November 2024.

4. **Transport pillars.** The CAREC Transport Strategy (CTS) 2030 embodies CAREC Transport's strong commitment to improve regional transport infrastructure and enhance connectivity in the CAREC region. Adopted in 2019 by the CAREC Ministerial Conference, the CTS 2030 prioritizes activities under five strategic pillars: (i) cross-border transport and logistics, (ii) road safety; (iii) roads and road asset management; (iv) railways and (v) aviation. CTS 2030 implementation is supported by the development of knowledge products and knowledge-sharing events which serve as decision support tools for CAREC DMCs.

5. **Railways.** Guided by the CAREC Railway Strategy 2030, the Railways pillar aims to make railways commercially attractive by promoting modern accounting and operational standards and commercially oriented practices to improve railways' efficiency and financial performance. Along these lines, the Railways pillar provides knowledge and capacity development support to CAREC DMCs. It has supported the development of country rail sector assessment reports for each of the 11 CAREC DMCs, as well as an overarching report which consolidates the recommendations

and key findings from the individual country assessments. Further, management support has been provided to the Kyrgyzstan and Tajikistan railways, and more recently, project preparatory studies on the Uzbekistan Northwestern International Freight Corridor and on the establishment of Uzbekistan-Turkmenbashi block train services have also been completed. Meanwhile, the results of the rolling stock financing study will be presented at the 8th RWG Meeting on 22–23 May 2024 in Baku, Azerbaijan. The 8th RWG Meeting will report on progress achieved in ongoing activities and discuss the next steps in the CAREC Railway Strategy implementation. The Meeting will also include workshop sessions on (i) implementation of modern accounting standards for railway management, and (ii) Enterprise Resource Planning (ERP) systems for efficient use of railway assets.

6. Cross-border Transport and Logistics Facilitation. This pillar supports CAREC DMCs' accession to international, regional and bilateral cross-border transport facilitation agreements, improvements of facilities and procedures and technology upgrades at border crossing points (BCPs), ports, and industrial zones, and digitalization and establishment of Single Window facilities, among others. Ongoing activities under this pillar include the master planning of the cross-border transport connectivity under the ABEC program, as well as the full modernization of the BCP facilities in Torkham and Chaman (Pakistan, border with Afghanistan). Detailed engineering design of BCP facilities at Ak-Tilek, Karkyra, Kichi-Kapka (the Kyrgyz Republic, border with Kazakhstan) with subsequent construction of the BCPs is also in progress, while a new ADB-financed project for the development of three BCPs on the Mongolia – PRC border started in 2023.

7. For the current year, plans under the Cross-border Transport and Logistics Facilitation pillar include a CAREC study which will assess issues and bottlenecks in road transit operations between PRC and Central Asian Republics under the TIR system. The connectivity masterplan between Kazakhstan and Uzbekistan within the Shymkent – Tashkent – Khujand Economic Corridor (STKEC) framework is also proposed to be developed this year, while the connectivity master planning between Tajikistan and Uzbekistan could commence in 2025.

8. A brief presentation was given on how logistics challenges resulting from global supply chain events have imposed limitations on transcontinental sea freight and land transport between Asia and Europe. In particular, geopolitical instability arising from the Russian invasion of Ukraine and instability in the Red Sea have compelled port closures at established trade routes. Subsequently, diversion of freight traffic to alternative routes led to escalations in freight rates and surcharges due to longer travel distances and transit times, port congestion, storage capacity constraints, and higher insurance premiums.

9. By the same token, the Panama Canal crisis is creating similar effects. Rainfall deficit due to El Nino and climate change have diminished water levels and forced authorities to restrict the number of vessels allowed to pass through the Panama Canal. This also has resulted in port congestion and limited shipping capacity, a rerouting of freight traffic, and rising freight rates. On a related note, UN signatory countries have agreed to support efforts to decarbonize the shipping industry. The transition from fossil fuels to renewable energy sources, however, will require huge investments which eventually could also translate into higher shipping rates.

10. On a positive note, these developments have created multi-modal transcontinental opportunities for the Middle Corridor and other CAREC corridors. To benefit fully from these opportunities, however, improvements in multimodal logistics and transport operations, inter-

operability between water and land transport operations; border crossing procedures, logistics facilities, and technology upgrades are key requirements.

11. **Aviation.** The presentation on recent developments in CAREC aviation described the current state of the aviation industry in CAREC DMCs, which collectively registered the fastest growth in operations among all regions in 2023. This recent growth, however, has been putting pressure on CAREC DMCs' airport infrastructure. Greater private sector participation and the recent surge in airport expansion projects across CAREC DMCs, however, are a welcome development in this area.

12. Development Finance Institutions (DFIs) and CAREC Development Partners have also been supporting the CAREC aviation sector development through project financing and advisory services. DFIs can also play a larger role in sustainable aviation which has been generating a lot of interest recently. To support the aviation industry decarbonization, DFIs can provide assistance in areas relating to decarbonizing airport terminals and ground operations, and building infrastructure for the handling, storing, and pumping of sustainable aviation fuel (SAF) or in the development of strategies for acquiring SAF, among others.

13. Finally, the presentation introduced FlyArystan, Kazakhstan's first low-cost carrier which offers low-fare flights for both domestic and international routes, and is now the largest CAREC LCC in terms of seat capacity.

14. **Road Asset Management.** This pillar has supported the development of several reports to help raise awareness on the importance of effective road asset management, covering various topics including performance-based road maintenance contracts, road funds and road user charges, among others. Ongoing initiatives that are slated for completion in 2024 include the Road Maintenance Financing and Cost Recovery Options Study, the Technology Options for Road Charges under Decarbonization Study, the ADB Green Roads Toolkit, and the Dig Once Toolkit for Road Transport Decarbonization. Road Asset Management Systems (RAMS) Action Plans for selected CAREC DMCs and Key Performance Indicators (KPIs) for the Road Sector will also be developed to measure and monitor the road repair and maintenance needs and overall condition of CAREC road networks. Roads training sessions will also be organized during the ADB Transport Forum in May 2024.

15. The presentation on big data-assisted transport network modeling offered a fresh and innovative approach on transport planning. It discussed how machine learning / Artificial Intelligence can be used for estimating travel demand and other traffic metrics (volumes, speeds, travel times). For its part, the presentation on Climate-Resilient Road Asset Management discussed how to develop a roadmap for implementing resilient Road Asset Management, as well as how Road Asset Management can be used for effective climate resilience planning.

16. **Road Safety.** Under the Road Safety pillar, CAREC Transport has already published five CAREC Road Safety Engineering (RSE) Manuals, while the sixth and seventh installment to the RSE Series are underway (RSE Manual 6: Blackspot Investigation and RS Manual 7: Why and How to Manage Speed). Several national and regional training/workshops have also been organized for CAREC DMCs, to help improve their competencies in various areas including road safety engineering, road safety enforcement, pedestrian safety, crash data investigation and analysis, and road safety audit, to name a few. In collaboration with the CAREC Institute and EBRD, a course on Sustainable Road Safety in Bishkek was completed in February 2024.

17. Other publications slated for completion within the current work plan period are the Review of Crash Data in the CAREC Region, the Crash Investigation Manual, and the Interactions of Road Safety with the Climate Change study. A regional workshop on crash data review and analysis is being planned for end June 2024. National training workshops on road safety engineering will also be organized this year for Pakistan, Kazakhstan, and Georgia.

18. The Crash Data Review in the CAREC Region presentation described the standards for a reliable Road Traffic Collisions (RTC) data system under four areas, namely, (i) road crash data collection; (ii) storage, processing, and use of road crash data; (iii) other road safety data; and (iv) data analysis. In particular, this initiative will document the current crash data management practices in CAREC DMCs (i.e., how crash data are collected, managed, and analyzed), with the view of collecting good quality, comparable data among CAREC DMCs so that road safety efforts in the region can be coordinated and benchmarks established.

19. The presentation on Interactions between Climate and Road Safety Action in the CAREC Region provided a brief overview of the study, which aims to measure the bi-directional impacts of climate action and road safety, as well as the climate impacts of death and injury on road use. Meanwhile, the presentation on Effective Investment Modalities for Road Safety outlined the potential sources of financing road safety investments. These include taxes and levies, public budgets, corporate funding from road safety beneficiaries, and user fees (e.g., penalties for infringement, toll fees, etc.). In addition, Public-Private Partnerships and outcome-based financing were also floated as viable modalities for financing investments aimed at reducing the incidence of road traffic collisions.

20. Transport Emerging Areas for the CAREC Region. This session outlined the emerging trends and innovative approaches to transportation which could be leveraged to help improve CAREC Transport's competitive advantage. These include technology enabled transport services, such as Intelligent Transport Systems (ITS) and Smart Mobility (e.g., Mobility as a Service (MaaS), Vehicle to Infrastructure (V2I), etc.), and use of Big Data for geohazard mapping of road networks, e-mobility mapping for CAREC corridors and individual CAREC countries, and infrastructure monitoring, and digital innovations to improve intermodal transport and traffic management. Other potential areas for CAREC Transport's future focus and support include supporting e-mobility readiness for CAREC corridors, developing a digital transport transformation strategy for CAREC members, and supporting environmental management and climate resilience across CAREC DMCs. These emerging trends could fundamentally shape the future trajectory of the overall transport sector. The presentations and discussions highlighted the importance of analyzing such trends, and evaluating their relevance and applicability to CAREC Transport and would be scoped in CAREC Transport's upcoming technical assistances to support CAREC countries.

21. Country Transport Priority Programs. CAREC countries were invited to present their respective transport priority programs, with focus on implementation progress, and initiatives and actions adopted and planned under the five strategic pillars of the CAREC Transport Strategy 2030. Country presentations were divided into three clusters: (i) Cluster 1 "Connecting East and Central Asia," consisting of Kazakhstan, Kyrgyz Republic, People's Republic of China, and Mongolia; (ii) Cluster 2 "Caucasus and Caspian Region," consisting of Georgia, Azerbaijan, and Turkmenistan; and (iii) Cluster 3 "Connecting South and Central Asia", comprised of Pakistan, Tajikistan, and Uzbekistan.

22. The country presentations provided status updates on the respective transport initiatives of CAREC DMCs. Key observations include the wide agreement among DMCs on the importance of improving the efficiency of transport corridors, and in accelerating the adoption of innovative solutions, such as digitalization. CAREC DMCs are currently at different stages of digitalization, and this at times undermines the overall efficiency of CAREC corridors. It was agreed that a more harmonized or synchronized digitalization system across CAREC DMCs will facilitate the faster and hassle-free transit of goods across borders.

23. The country presentations also highlighted other issues and potential areas for cooperation, including the need to promote green and low-carbon transportation, developing international multimodal corridors and/or new trade routes, eliminating barriers at the borders and harmonization of procedures, improving public governance for road safety, and strengthening cooperation on international transport corridors especially amidst challenging geopolitical conditions and evolving trade flows, among others.

24. After the country presentations, CAREC Development Partners (CAREC Institute, EBRD, EFSD, and ITF) also shared a brief overview of their respective completed and ongoing transport initiatives and projects in the CAREC region, encompassing basic infrastructure support such as construction or rehabilitation of road and rail corridors, technical assistance to build institutional capacities as well as knowledge support for planning of CAREC DMCs' transport policies and investment decisions.

Conclusion and Appreciation

25. Following the discussions, the Meeting agreed on the proposed initiatives and priorities for the CAREC Transport sector in 2024-2025. The program will prioritize harmonization of digitalization systems across CAREC DMCs, explore emerging opportunities for CAREC Corridors, particularly for CAREC Corridor 2 (i.e., Middle Corridor), apply new tools such as digitalization and AI allowing for use of big data in decision making, facilitate the transition to green transport and enhanced climate resilience, and explore new business models to encourage greater private sector participation. A Transport and Energy Investment Forum to assess CAREC Transport and Energy investment climate and opportunities, as well as the establishment of a CAREC Transport Observatory will also be explored. CAREC Transport will also review, update, and fine-tune the CAREC Transport Strategy to respond better to current and future transport and mobility needs of CAREC DMCs and to take full advantage of emerging opportunities with the use of new tools and technologies.

26. The topics discussed during the Meeting and plans for the CAREC Transport sector work will be relayed at the forthcoming CAREC Senior Officials' Meeting (SOM) for review and endorsement. The discussion was thereafter concluded with unanimous support from the participants for the activities and initiatives that were proposed.

27. Participants expressed their satisfaction with the consensus reached during the TSCC Meeting. Participants thanked the Government of Kazakhstan for chairing and hosting the Meeting. The delegates also congratulated the CAREC Secretariat and the CAREC development partners for the organization and successful conclusion of the Meeting.

22-23 April 2024: 21st Transport Sector Coordinating Committee Meeting

Venue: Rixos Hotel, Almaty, Kazakhstan

Background and objectives

During 2022-2023, following the end of the COVID-19 pandemic, the CAREC developing member countries succeeded in mitigating negative impacts of the pandemic but encountered new challenges in the global and regional logistics and transport operations. Despite the recent ongoing geopolitical instability, the regional transportation system demonstrated strong resilience and adaptability to new challenges. The CAREC member countries and development partners continued converging their priorities and advanced coordinated work towards achieving regional targets under all pillars of the CAREC Transport Strategy 2030: (i) road network development and road asset management, (ii) road safety, (iii) cross-border transport and logistics, (iv) railways and (v) aviation.

The upcoming 21st CAREC Transport Sector Coordinating Committee (TSCC) meeting will discuss the ongoing and planned investment projects and policy actions of the CAREC development member countries (DMC) and their needs for financial and technical assistance from the international development community. The CAREC development partners will respond by summarizing their technical assistance activities and investment priorities, aligned with the CAREC DMC's needs. The meeting will all discuss key initiatives and knowledge products completed and ongoing under all five pillars of the CAREC Transport Strategy 2030 and will set the objectives for the 2024-2026 work program.

Day 1 (22 April 2024)	
0830 – 0900	Registration
0900 – 0915	<p>Welcome Remarks Satzhan Ablaliev, Vice Minister of Transport and Head of Delegation, Republic of Kazakhstan (2024 CAREC program host country)</p> <p>Hiroaki Yamaguchi, Senior Sector Director, Transport Sector Office, Sectors Group (SG-TRA), ADB</p> <p>Mirzo Iskandar Gulamov, Officer-in-Charge, Kazakhstan Resident Mission, ADB</p>
0915 – 0945	<p>Session 1: CAREC Program: focus areas and priority actions</p> <p><i>CAREC program priorities and plans</i> by Lyaziza Sabyrova, Regional Head, Regional Cooperation and Integration Unit, Central and West Asia Department</p> <p><i>CAREC Transport Sector Overview 2024</i> <i>CAREC Railway Sector Development</i> by Oleg Samukhin, Senior Transport Specialist, ADB</p>
0945 – 1045	<p>Cross-border Transport and Logistics Facilitated by Oleg Samukhin, Senior Transport Specialist, ADB</p> <p><i>Summary of activities under the pillar</i> by Oleg Samukhin, Senior Transport Specialist, ADB</p>

	<i>Global logistics challenges in 2023-2024, their impacts on the CAREC Transport Corridors, and coordinated responses by the CAREC community,</i> by Mr. Adrian Sammons, Ports and Logistics consultant
1045 - 1115	<i>Coffee break and group photo</i>
1115 – 1215	Aviation Facilitated by Woo Hyun Kwon, Senior Transport Specialist, ADB <i>Recent developments and future investment opportunities in the CAREC aviation industry</i> by Brendan Sobie, Aviation consultant <i>Operations of a regional low-cost aviation company</i> by Adrian Hamilton-Manns, FlyArystan
1215 – 1330	<i>Lunch at Brasserie Restaurant</i>
1330 – 1445	Road Network Planning and Road Asset Management Systems (RAMS) Facilitated by Thomas Herz, Senior Transport Specialist, ADB <i>ADB and Road Asset Management</i> by Thomas Herz, Senior Transport Specialist, ADB <i>Summary of RAMS capacity development activities</i> by Michael Anyala, Senior RAMS Specialist, ADB <i>Overview of CAREC activities in the road sector</i> by Serge Cartier van Dissel, RAMS consultant <i>Climate-resilient RAM action plan</i> by Michael Anyala, Senior RAMS Specialist, ADB <i>Big data-assisted transport network modeling</i> by Dr. Travis Waller, Transport Planning and Big Data Specialist
1445 – 1500	<i>Coffee break</i>
1500 – 1600	Road Safety Facilitated by Ritu Mishra, Transport Specialist, ADB <i>Road safety ongoing activities</i> by Ritu Mishra, Transport Specialist, ADB <i>Crash data review in the CAREC region</i> by Antonino Tripodi, FRED Engineering <i>Interactions of road safety with climate change</i> by Erik Hedman, Road Safety consultant, Ramboll <i>Effective investment modalities for road safety</i> by David Shelton, Senior Transport Specialist (Road Safety), ADB
1600-1730	Transport in CAREC – Future areas Facilitated by Ritu Mishra, Transport Specialist, ADB

	<p><i>CAREC plans for Transport Emerging areas</i> by Ritu Mishra, Transport Specialist, ADB</p> <p><i>Big Data, Artificial Intelligence and Digitalization</i> by Travis Waller, Transport Planning and Big Data Specialist</p> <p><i>CAREC Transport Observatory</i> by Thomas Herz and Michael Anyala</p>
1800	Welcome cocktails (Fun Center)
Day 2 (23 April 2024)	
0830 – 0900	Registration
0900 – 0910	Summary of Day 1 Thomas Herz, Senior Transport Specialist, ADB
	Session 2: Country Transport Priority Programs <i>Countries are requested to report by cluster (10-15 minutes per country), followed by the panel discussion</i>
0910 – 1100	Cluster 1: Connecting East and Central Asia People’s Republic of China, Mongolia, Kazakhstan, Kyrgyz Republic Moderator: Chen Chen, Director, Central and West Asia, East Asia, and the Pacific Team, Transport Sector Office, Sectors Group (SG-TRA), ADB
1100 - 1115	<i>Coffee break</i>
1115 – 1230	Cluster 2: Caucasus and Caspian Region Georgia, Azerbaijan, Turkmenistan Moderator: TBD
1230 – 1330	<i>Lunch at Brasserie Restaurant</i>
1330 - 1445	Cluster 3: Connecting South and Central Asia Pakistan, Tajikistan, Uzbekistan Moderator: Yongkeun Oh, Sr. Transport Specialist, ADB
1445 – 1500	<i>Coffee break</i>
1500 - 1600	Session 3: CAREC Development Partners’ Response to Regional Transport and Logistics Challenges <i>10 minutes per development partner</i> Facilitated by Askar Namazbayev, Deputy Head of Kazakhstan, EBRD
1600 – 1615	Session 4: Summary of the Meeting Thomas Herz, Senior Transport Specialist, ADB
1615 –1630	Closing Remarks Chen Chen, Director, Central and West Asia, East Asia, and the Pacific Team, Transport Sector Office, Sectors Group (SG-TRA), ADB Satzhan Ablaliev, Vice Minister of Transport and Head of Delegation, Republic of Kazakhstan (2024 CAREC program host country)



**21st Transport Sector Coordinating Committee Meeting
22-23 April 2024 | Almaty, Kazakhstan**

LIST OF PARTICIPANTS

I. COUNTRY DELEGATIONS

Azerbaijan

1. Elmar Rasulov, Advisor in the International Cooperation Department, Ministry of Digital Development and Transport
2. Farid Mehdiyev, Head of Cooperation with International Organizations Division, International Relations Department, “Azerbaijan Railways” CJSC

People’s Republic of China

3. Yan Yan, Deputy Advisor, Department of International Cooperation, Ministry of Transport
4. Wenzhi Liu, Associate Researcher, Transport Planning and Research Institute, Ministry of Transport
5. Zhang Gaiping, Associate Researcher, Global Sustainable Transport Innovation and Knowledge Center (self-funded)
6. Kai Yi, Assistant General Manager, China Road and Bridge Corporation Central Asia Regional Center (self-funded)

Georgia

7. Mikheil Paataashvili, Head of Land Transport Division of the Transport and Logistic Development Policy Department, Ministry of Economy and Sustainable Development (MOESD)
8. Ketevan Takaishvili, Head of Transport Corridor and Logistics Development Division Transport and Logistic Development Policy Department, MOESD

Kazakhstan

9. Satzhan Ablaliev, Vice Minister of Transport
10. Nurlan Samambetov, Chief Expert, Division of Quality Control and Science, Committee of Roads, Ministry of Transport
11. Arystan Massanov, Director of Kazakhstan Road Safety Institute (Almaty)

Kyrgyz Republic

12. Elena Nalobina, Head of External Relations and Integration Department, Ministry of Transport and Communications (MOTC)
13. Askar Esenaliev, Head of the Transport Department, MOTC

Mongolia

14. Myagmarsuren Turbat, Head, Transport Coordination Division, Ministry of Road and Transport Development (MRTD)
15. Battsetseg Tumenulzii, Senior Expert Policy Planning Department, MRTD

Pakistan

16. Ghulam Sarwar, Joint Secretary, Ministry of Communications (MOC)

17. Abdu Ssaboooh, Director (R&RT), MOC

Tajikistan

18. Rahim Bobozoda, First Deputy Minister of Transport (MOT)

19. Rustam Valizoda, Head of Department, Road Construction and Management, MOT

Turkmenistan

20. Bekmyrat Ishangulyyev, Deputy Chairman, 'Turkmenemiryollary' (Railways) agency, CAREC Transport Sector Focal Point

21. Arslan Durdyev, Main Specialist, Agency Transport and Communications under the Cabinet Ministers

Uzbekistan

22. Abdulla Khashimov, Advisor to the Minister of Investments, Industry and Trade, CAREC Transport Sector Focal Point

23. Ravshanov Bekzod, Chief Specialist of the Department of International Cooperation in Logistics and Ratings, Ministry of Transport

II. DEVELOPMENT PARTNERS

Asian Development Bank (ADB)

1. Hiroaki Yamaguchi, Senior Sector Director, Transport Sector Office, Sectors Group (SG-TRA)

2. Lyaziza Sabyrova, Regional Head, Regional Cooperation and Integration Unit, Central and West Asia Department (CWRD)

3. Chen Chen, Director, Central and West Asia, East Asia, and the Pacific Team, SG-TRA

4. Mirzo Iskandar Gulamov, Officer-in-Charge, Kazakhstan Resident Mission (KARM)

5. Almazbek Galiev, Principal Private Sector Development Specialist, Private Sector Development Unit, CWRD

6. Oleg Samukhin, Sr. Transport Specialist, SG-TRA

7. Thomas Herz, Sr. Transport Specialist, SG-TRA

8. Woo Hyun Kwon, Sr. Transport Specialist, SG-TRA

9. Yongkeun Oh, Sr. Transport Specialist, SG-TRA

10. Michael Anyala, Sr. Road Asset Management Specialist, SG-TRA

11. Ritu Mishra, Transport Specialist, SG-TRA

12. Asem Chakenova, Sr. Project Officer, KARM

CAREC Institute (CI)

13. Hans Holzacker, Chief Economist

European Bank for Reconstruction and Development (EBRD)

14. Grigory Savva, Associate Director, Regional Head, Infrastructure Eurasia

15. Zhanar Zhakeyeva, Associate Social Adviser, Environment and Sustainability Department

Eurasian Fund for Stabilization and Development (EFSD)

16. Alexander Rashchikov, Sr. Transport Sector Manager

International Transport Forum, OECD

17. Yaroslav Kholodov, Policy Analyst and Modeller

18. Ainur Tleuova, Consultant, ITF

Islamic Development Bank

19. Alibek Kazangapov, Project Management Specialist

III. RESOURCE PERSONS AND CONSULTANTS

20. Adrian Hamilton-Manns, CEO, FlyArystan

21. Brendan Sobie, Aviation Consultant

22. Adrian Sammons, Ports and Logistics Consultant

23. Serge Cartier van Diesel, Road Asset Management Systems Consultant

24. Steven Travis Waller, Transport Planning and Big Data Specialist (consultant)

25. Antonino Tripodi, Road Safety Consultant, FRED Engineering

26. Erik Hedman, Road Safety consultant, Ramboll

27. Janus Sogaard Kirkeby, Road Safety consultant, Ramboll

IV. CAREC Transport Secretariat

28. Marianne Macabingkil, Associate Project Analyst, SG-TRA

29. Pilar Sahilan, CAREC Regional Cooperation Consultant (offsite)

30. Tina Pascual, CAREC Transport Program Coordinator (consultant)

31. Erna Lising, CAREC Research Officer (consultant)

32. Svetlana Chirkova, Interpreter

33. Rustam Sataev, Interpreter