



Literature Review of Existing Traffic Studies Relevant to CAREC Railway Corridors

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Introduction

Traffic studies in the narrow sense assume the work with data on freight and passenger traffic, revenues and expenditures related to this traffic. In this context, there is not much research on the traffic of the railway transport corridors in Central Asia. Much more research is devoted to the geopolitical and geo-economic aspects of the development of transport corridors. This is understandable. Despite the fact that the prospects for the development of road and rail corridors passing through Central Asia have been mentioned since the middle of the 1990s, progress in the development of these transport corridors is still modest, the real cargo land traffic is still much inferior to sea transport. Nevertheless, the promise of this direction is obvious (from China to Western Europe - 15 days on rails or 45 days by sea), CAREC member governments continue to make plans, international organizations continue to support these efforts. A new impetus to research on the theme of transport corridors passing through Central Asia was given by the PRC strategy "The New Silk Road" under the slogan "One belt is one way". Not only are CAREC countries interested in the development of these corridors. Turkey, Iran and India have their own vision of the problem, which is reflected in the publications.

Thus, a literature review structure is emerging on existing traffic studies relevant to the CAREC rail corridors. Firstly, it is "true" traffic studies, containing a lot of numerical data on freight flows in the number of trains, tons, conditional containers, the cost of transported goods, investment volumes and the like. Secondly, the category of research devoted to the "New Silk Road" is a new reality, real plans and investments. Third, the original visions of the problem on the part of countries interested in the development of trans-Eurasian transport corridors are Turkey, Iran and India. Fourth, studies on the geopolitical and geo-economic aspects of the development of transport corridors. This review also includes a number of references to research publications on the methodology for studying the development of transport corridors.

1. “True” traffic studies

2018	<p>1. The EDB: Container transit along the China – EAEU – EU axis is practically guaranteed to grow explosively, up to 500,000 TEU, by 2020 (Centre for Integration Studies’ Report) https://eabr.org/en/press/news/the-edb-container-transit-along-the-china-eaeu-eu-axis-is-practically-guaranteed-to-grow-explosively/?sphrase_id=8987</p>
2017	<p>2. Rail and Multi-Modal Operations. A Logistics Business Perspective. Presentation to the Joint ESCAP-OSJD Meeting on Strengthening Railway Transport Connectivity in South and South West Asia, March 16th, 2017, New Delhi, Pritam Banerjee, Senior Director, Corporate Public Policy, South Asia 3. http://www.unescap.org/sites/default/files/6.1_Pritam_Banerjee_DHL.pdf</p>
2017	<p>4. Altnay Khassenova-Kaliyeva; Nailya Kapenovna Nurlanova; Aida Menlibayevna Myrzakhmetova. Assessment of the potential for the development of Kazakhstan’s transport and logistics system in the context of the Eurasian Transcontinental Bridge formation. Revista, Vol. 38 (Nº 34) Año 2017. Pág. 36 http://www.revistaespacios.com/a17v38n34/a17v38n34p36.pdf</p>
2017	<p>5. Central Asia as a Transcontinental Transport Bridge Based on the Transport and Logistic System of the Countries of this Region. Altnay Balamirovna Khassenova-Kaliyeva, Nailya Kapenovna Nurlanova and Aida Menlibayevna Myrzakhmetova. International Journal of Economic Research, Serials Publications Pvt. Ltd. Volume 14, Number 7, 2017 6. http://serialsjournals.com/serialjournalmanager/pdf/1500638697.pdf</p>
2017	<p>7. Study - Eurasian rail corridors: what opportunities for freight stakeholders?, Executive Summary. International Union of Railways (UIC) Paris, October 2017 https://uic.org/IMG/pdf/corridors_exe_sum2017_web.pdf</p>
2017	<p>8. A.Schwilling. Study - Eurasian rail corridors: what opportunities for freight stakeholders?, International Union of Railways (UIC) Paris, October 2017 https://uic.org/IMG/pdf/a-schwilling-roland_berger.pdf</p>
2017	<p>9. K.Gheysen. Where the East meets the West. KTZ Express. International Union of Railways (UIC) Paris, October 2017 https://uic.org/IMG/pdf/k_gheysen-ktz_express.pdf</p>
2017	<p>10. Sandra Ferrari, Senior Freight Advisor. UIC Corridors activities 2017 – 2018, September 2017 https://www.unece.org/fileadmin/DAM/trans/doc/2017/wp5/11_WP5_4Sept2017_Ms_Ferrari.pdf</p>
2017	<p>11. Draft report of the phase III of the Euro-Asian Transport Links project. Prepared by the "Scientific and Research Institute of Motor Transport" (NIIAT), Economic Commission for Europe Inland Transport Committee. Working Party</p>

	<p>on Transport Trends and Economics Group of Experts on Euro-Asian Transport Links. Fifteenth session, Yerevan, 31 January and 1 February 2017</p> <p>http://www.unece.org/fileadmin/DAM/trans/doc/2017/wp5-eatl/eatl_id17-01e.pdf</p>
2017	<p>12.K.V. Kholopov, D. Panova. The development of international railway transit of Russia and Latvia in the context of freight transportation from the Central Asia and China. (in Russian) Russian Foreign Economic Journal, 2017</p> <p>http://www.rfej.ru/rvv/id/90044670C/\$file/88-99.pdf</p>
2016	<p>13.CAREC Program: Improving infrastructure connectivity to promote construction of economic corridors and economic cooperation and integration. Central Asia Think Tank Development Forum, Astana, Kazakhstan 20 June, 2016</p> <p>http://www.adb-asianthinktanks.org/sites/all/libraries/partner-events-2016/3.1%20CAREC%20Program.pdf</p>
2016	<p>14.Dariia Galushko. Study on Corridors, January 2016</p> <p>http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/07_veroeff/Studien/STUDY_ON_CORRIDORS_-_Final.pdf</p>
2016	<p>15.CAREC Corridor Performance Measurement and Monitoring Annual Report 2016</p> <p>http://live0202.carecprogram.org/uploads/docs/CAREC-CPMM-Reports/2016-CAREC-CPMM-Annual-Report.pdf</p>
2015	<p>16.Economic Commission for Europe. Inland Transport Committee. Working Party on Transport Trends and Economics Group of Experts on Euro-Asian Transport Links. Thirteenth session, Dushanbe, 9–10 June 2015. Item 2 of the provisional agenda. Identification of cargo flows on the Euro-Asian transport</p> <p>https://www.unece.org/fileadmin/DAM/trans/doc/2015/wp5-eatl/eatl_id15-01e.pdf</p>
2015	<p>17.Economic Commission for Europe. Inland Transport Committee. Working Party on Transport Trends and Economics, Group of Experts on Euro-Asian Transport Links. Thirteenth session, Dushanbe, 9–10 June 2015. Item 5 of the provisional agenda. Information from participants on recent developments in transport infrastructure priority projects on EATL routes. Information from participants on recent developments in transport infrastructure priority projects on EATL routes. Submitted by the Hellenic Institute of Transport</p> <p>https://www.unece.org/fileadmin/DAM/trans/doc/2015/wp5-eatl/id15-05e.pdf</p>
2015	<p>18.Transit Potential of Central Asia: Challenges and Opportunities. Mr. Murat Bekmagambetov, General Director, Research and Scientific Institute for Transport and Communications. Group of Experts on Euro-Asian Transport Links (WP.5/GE.2), 13th session, 2015</p> <p>https://www.unece.org/fileadmin/DAM/trans/doc/2015/wp5-eatl/1_WP5_GE2_13th_session_Mr_Bekmagambetov_e.pdf</p>
2015	<p>19.Anar Ismayil. TRACECA. UNECE Workshop “Road and Rail Transport Corridors Along Europe and Asia”, 7 September 2015.</p> <p>https://www.unece.org/fileadmin/DAM/trans/doc/2015/wp5/WP5_workshop_7_Sept2015_Mr_Anar_Ismayil_TRACECA.pdf</p>
2015	<p>20.Intermodal Transport & Logistics. Development of combined transport train “VIKING”</p> <p>https://www.unece.org/fileadmin/DAM/trans/wp24/wp24-presentations/documents/pres07-03.pdf</p>
2014	<p>21.Logistics Report for CAREC – Corridors 5 & 6, USAID Trade Project USAID/Pakistan, May 2014</p>

	http://pdf.usaid.gov/pdf_docs/PA00K24F.pdf
2013	22. Economic Commission for Europe. Inland Transport Committee. Working Party on Transport Trends and Economics. Group of Experts on Euro Asian Transport Links. Eighth session, Geneva, 9 September 2013. Item 4 of the provisional agenda, UNECE Group of Experts on EATL: Administrative arrangements (Work plan). Financing Transport Infrastructure. Transport links between Europe and Asia, new challenges https://www.unece.org/fileadmin/DAM/trans/doc/2013/wp5/wp5-eatl/EATL_8th_session_InfDoc1e.pdf
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2. New Silk Road

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5. Methodology

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