Development of multimodal digital corridors

14th International Capacity-Building Seminar on Trade and Transport Facilitation

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Currently, 70% of trade between Asia and Europe is accounted for sea transport, more than 25% by air, while the share of rail and road transport remains relatively small.

93% of all cargo from China to Europe, and 96% from India to Europe and back are transported by sea.

China and India, for a long time, have been interested in reaching Europe by the shortest land roads.

In addition, today these two great countries are not connected by rail, and the railways of India and Pakistan do not have access to the railways of Central Asia and other regions.
Information on transit traffic in the direction of China-Central Asia - Europe

Cargo volumes during reorientation (thousand tons)

- Through KZH and China
  - Urumqi
  - Dostyk
  - Serhetyaka
  - Serakhs

- Through KRG and China
  - Through KZM and China
  - Urumqi
  - Dostyk
  - Keles
  - Farab

- Through KZM and China
  - Serakhs
  - Kashgar
  - Torugart
  - Savai
  - Farab

Share of EU and China in the volume of Dostyk Altinkul

Forecast volumes of cargo transportation (in thousand tons)

<table>
<thead>
<tr>
<th>Year</th>
<th>EU</th>
<th>China</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>1 000</td>
<td>1 000</td>
<td>2 000</td>
</tr>
<tr>
<td>2015</td>
<td>3 500</td>
<td>3 500</td>
<td>7 000</td>
</tr>
<tr>
<td>2020</td>
<td>7 500</td>
<td>7 500</td>
<td>15 000</td>
</tr>
<tr>
<td>2025</td>
<td>10 500</td>
<td>10 500</td>
<td>21 000</td>
</tr>
<tr>
<td>2030</td>
<td>13 500</td>
<td>13 500</td>
<td>27 000</td>
</tr>
<tr>
<td>2035</td>
<td>16 500</td>
<td>16 500</td>
<td>33 000</td>
</tr>
</tbody>
</table>

Forecast volumes of cargo transportation (in thousand tons)

- Share of EU and China in the volume of Dostyk Altinkul
REDUCED DELIVERY TIME FROM SOUTH-EAST ASIA TO EUROPE VIA AFGHANISTAN COMPARED TO THE MAIN EXISTING ROUTES

<table>
<thead>
<tr>
<th>Route</th>
<th>Distance</th>
<th>Delivery period</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. CORRIDOR THROUGH THE SUEZ CANAL</td>
<td>13 000 km</td>
<td>50 days</td>
</tr>
<tr>
<td>II. CORRIDOR NORTH-SOUTH</td>
<td>7 200 km</td>
<td>35 days</td>
</tr>
<tr>
<td>III. PROPOSED CORRIDOR THROUGH AFGHANISTAN</td>
<td>5 600 km</td>
<td>25 days</td>
</tr>
</tbody>
</table>
A detailed chronology of the formation of the Termez – Kabul – Peshawar railway corridor can be found in the articles:

1. WAYS TO INCREASE THE TRANSIT POTENTIAL OF CENTRAL ASIA: DEEPENING INTERREGIONAL COOPERATION.
2. THE INTERCONNECTEDNESS OF CENTRAL AND SOUTH ASIA – A NEW TREND IN THE ECONOMIC DEVELOPMENT OF EURASIA.
Partners JSC «O'zbekiston temir yo'llari»

Logistics companies

International ports

2. Customs services "E-Tranzit« - cargo.customs.uz


5. Portal for monitoring moving units (trains) - https://smpo.uzgps.uz/

6. Information system (artificial intelligence) for recognition of numbers and weights of goods in wagons and containers, integrated with dynamic scales - local system
<table>
<thead>
<tr>
<th>International cooperation through UIC (International Union of Railways)</th>
<th>European Community of Railways and Infrastructure Companies (CER)</th>
<th>Organization of Cooperation of Railways – OSJD</th>
<th>SJT - Council of Railway Transport of the Commonwealth Member States (CIS and Baltic states)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATE AND PLACE OF CREATION OF THE ORGANIZATION</td>
<td>October 20, 1922, Paris</td>
<td>June 1956, Warsaw</td>
<td>February 14, 1992, Moscow</td>
</tr>
<tr>
<td>PARTICIPATING COUNTRIES</td>
<td>82 active members of the union, including the railways of Europe, Russia, the Middle East, North Africa, South Africa, India, China, Japan, Korea, Kazakhstan, companies operating in different countries, for example, Veolia Transport.</td>
<td>It unites 81 members, both from infrastructure enterprises and from railway enterprises from the European Union, from the states of the Western Balkans, Turkey, Norway and Switzerland. CER members account for approximately 75% of the total length of railway infrastructure, more than 85% of traffic and more than 90% of passenger traffic in the European Union, in the European Free Trade Area and in member States.</td>
<td>28 members, of which 25 are active: Republic of Azerbaijan, Republic of Belarus, Republic of Bulgaria, Republic of Hungary, Socialist Republic of Vietnam, Georgia, Islamic Republic of Iran, Republic of Kazakhstan, People's Republic of China, Democratic People's Republic of Korea, Kyrgyz Republic, Republic of Latvia, Republic of Lithuania, Republic of Moldova, Mongolia, Republic of Poland, The Russian Federation, Romania, the Slovak Republic, the Republic of Tajikistan, Turkmenistan, the Republic of Uzbekistan, Ukraine, the Czech Republic and the Republic of Estonia.</td>
</tr>
<tr>
<td>80 associate members, including railways from Asia, Africa, America and Australia.</td>
<td>37 affiliated members associated with railways providing services to railways.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
It is proposed to establish an international organization “Regional Council of Transport Communications” headquarters located in Tashkent.

Under the “Regional Council of Transport Communications” - the creation of an international Center for Digital Transport Services.
PROSPECTS FOR THE DEVELOPMENT OF TRANSPORT CORRIDORS WITH THE PARTICIPATION OF THE TRANS-AFGHAN CORRIDOR

ROUTE

- Southeast Asian countries - Pakistan - Afghanistan - Uzbekistan - Kazakhstan - Azerbaijan - Georgia - Black Sea ports - EU countries
- Southeast Asian countries - Pakistan - Afghanistan - Uzbekistan - Kyrgyzstan - China
- Southeast Asian countries - Pakistan - Afghanistan - Uzbekistan - Kazakhstan - China
- Southeast Asian countries - Pakistan - Afghanistan - Uzbekistan – Kazakhstan - CIS countries
Non-profit non-governmental organization «Research Informatization Center»

Is a resident IT park Republic of Uzbekistan

The founder of the Center is «O‘zbekiston temir yollari» JSC

https://aitm.uz
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- Problems of international transport corridors
- Development of digital logistics
- Digitalization of the transportation process

Expert groups of programmers

International Center for Digital Transport Services

Website designer

Editorial board of the scientific journal

NGO "Scientific Research Informatization Center"

srt.aitm.uz
The research was carried out within the framework of state and departmental grants of the Republic of Uzbekistan:

- Improving the ways of passing transit trains, ensuring an increase in the utilization rate of the transit potential of the railway of Uzbekistan (2013 - 2015);
- Development of software for the Unified Dispatch Center (2014);
- Study of ways to pass transit trains through the territory of Uzbekistan, ensuring the growth of the use of the transit potential of the railway of the republic (2014 - 2015);
- Development of the draft Rules for the carriage of goods on the railway transport of the Republic of Uzbekistan (2014 - 2015);
- The concept of developing the infrastructure of the railway of the Republic of Uzbekistan, as a transport bridge between Europe and Asia (2015 - 2017);
1. Ибрагимов У.Н. Доклад на многосторонней встрече руководителей железнодорожных администраций России, Казахстана, Узбекистана, Афганистана, Пакистана. URL: http://railway.uz/upload/block/af0/af0e8f76609f6c8b5aca94e47a52bce.pdf

2. Ибрагимов У.Н. Формирование единого, разветвлённого и внешне интегрированного транспортного пространства в Центральной Азии. Доклад на международном форуме «Центральная Азия в системе международных транспортных коридоров: стратегические перспективы и нереализованные возможности», 20 сентября 2018 г., г. Ташкент. URL: http://www.railway.uz/ru/informatsionnaya_sluzha/novosti/11941/


5. Контейнерный поезд с экспортной продукцией Узбекистана отправился в Турцию. Информационная служба АО «Узбекистон темир йуллари», 30.03.2020 г. URL: http://www.railway.uz/ru/informatsionnaya_sluzha/novosti/18315/.


13. Узбекистан, Афганистан и Пакистан подписали «Дорожную карту» по строительству железной дороги. URL: https://www.gazeta.uz/ru/2021/03/08/trans-afghan-railway/!

14. Расширение сотрудничества с Пакистаном в сфере транспорта URL: https://www.railway.uz/ru/informatsionnaya_sluzha/novosti/21806/?VOICE=Y

15. ВБ готов поддержать строительство железной дороги «Мазари-Шариф — Кабул — Пешавар» URL: https://www.gazeta.uz/ru/2021/05/18/railway-wb/

THANK YOU FOR YOUR ATTENTION!

Website: potmkp.railway.uz
Project Office Contacts: projectofficetmkp@railway.uz

Detailed information about realization of the project can be obtained from the following QR-code