Development of "Dry ports" and multimodal transport – logistics centers in Uzbekistan

Director of the Center for research transport issues
Kholmatov B.N.

MINISTRY OF TRANSPORT
REPUBLIC OF UZBEKISTAN
## Current status

### As of the beginning of 2022, the total length:

<table>
<thead>
<tr>
<th>Type of Transport</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highways</td>
<td>42,859 km</td>
</tr>
<tr>
<td>Railways</td>
<td>10,545 km</td>
</tr>
<tr>
<td>Operable waterways</td>
<td>7,400 km</td>
</tr>
<tr>
<td>Air routes</td>
<td>26,000 km</td>
</tr>
</tbody>
</table>

**General Use**
- Highways: 209,496 km
- Railways: 10,545 km
- Operable waterways: 280 km
- Air routes: 26,000 km

**Operable waterways with guaranteed dimensions of the vessel:** 280 km

### Formation and development of the transport system

- **Reconstruction and construction of railway lines**
  - "Navoi – Uchbuduk – Sultanujdag – Nukus" (342 km), "Tashguzar – Boysun – Kumkurgan" (223 km), "Bukhara-Misken" (355 km);
- **Construction and electrification of railway lines**
  - "Angren – Pap" (123.2 km), "Yangiyer – Dashtabad" (35.3 km), "Dashtabad – Jizzakh" (60 km), "Tashkent – Angren" (114 km), "Marokand – Karshi" (140.8 km), "Karshi – Termez" (325 km), "Marokand – Navoi – Bukhara and Karshi – Kitab" (356 km);
- **Construction and reconstruction of the Uzbek National Highway (1395 km);**
- **Modernization of the "Termez" river port**

### Share of transport services

**2010**
- Freight transport: 38%
- Rail transport: 92.6%
- Air transport: 0.2%

**2022**
- Freight transport: 24%
- Rail transport: 7.2%
- Air transport: 92.6%

During this period, the average growth rate of transport services was **119%**, while the growth rate for all services was **124%**.
## Geography of exports and imports for 2022

<table>
<thead>
<tr>
<th>Region</th>
<th>Export 2022</th>
<th>Import 2022</th>
<th>Transit 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russia</td>
<td>8.0 mln t</td>
<td>1.2 mln t</td>
<td>11.1 mln t</td>
</tr>
<tr>
<td>Turkey</td>
<td>1.0 mln t</td>
<td>0.9 mln t</td>
<td></td>
</tr>
<tr>
<td>Iran</td>
<td>0.6 mln t</td>
<td>0.5 mln t</td>
<td></td>
</tr>
<tr>
<td>Afghanistan</td>
<td>0.9 mln t</td>
<td>2.1 mln t</td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>3.6 mln t</td>
<td>2.7 mln t</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume of Cargo in 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Export = 15.4 mln tons</td>
</tr>
<tr>
<td>Import = 26 mln tons</td>
</tr>
<tr>
<td>Transit = 12.2 mln tons</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>By Type of Transport</th>
</tr>
</thead>
<tbody>
<tr>
<td>Railway = 40.6 mln tons</td>
</tr>
<tr>
<td>Auto = 12.9 mln tons</td>
</tr>
<tr>
<td>Avia = 78.5 th. tons</td>
</tr>
</tbody>
</table>
Location of logistics centers

- Logistics Center of Urgench
- Logistics Center of Karshi
- Logistics Center of Jizzakh
- Logistics Center of Karman
- Navoi Cargo
- Logistics Center of Ulugbek
- Logistics Center of Angren
- Logistics Center of Andijan
- First Dry Port
- Tashkent Cargo
- Termez Cargo Center
- Universal Logistics Services
- Orient Logistics Center
- Logistics Center of Chukursai
- Asia Trans Terminal
## Infrastructure, equipment and facilities

<table>
<thead>
<tr>
<th>Feature</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>A secure area</td>
<td>✔</td>
</tr>
<tr>
<td>Covered and open storage areas for different types of cargoes</td>
<td>✔</td>
</tr>
<tr>
<td>Customs bonded warehousing facilities</td>
<td>✔</td>
</tr>
<tr>
<td>Customs supervision, control, inspection and storage facilities</td>
<td>✔</td>
</tr>
<tr>
<td>Appropriate cargo and container-handling equipment</td>
<td>✔</td>
</tr>
<tr>
<td>Internal service roads and pavement for use in the operation and stacking area</td>
<td>✔</td>
</tr>
<tr>
<td>Parking space for freight vehicles</td>
<td>✔</td>
</tr>
<tr>
<td>An administrative building for stakeholders</td>
<td>✔</td>
</tr>
<tr>
<td>IT and electronic data systems, scanners and vehicle-weighing equipment</td>
<td>✗</td>
</tr>
<tr>
<td>A container, vehicle and equipment repair yard</td>
<td>✗</td>
</tr>
</tbody>
</table>
Infrastructure, equipment and facilities

- A secure area
- Covered storage areas for different types of cargoes
- Customs bonded warehousing facilities
- Customs supervision, control, inspection and storage facilities
- Appropriate cargo and container-handling equipment
- Internal service roads and pavement for use in the operation and stacking area
- Parking space for freight vehicles
- An administrative building for stakeholders
- IT and electronic data systems, scanners and vehicle-weighing equipment
- A container, vehicle and equipment repair yard
### Infrastructure, equipment and facilities

- A secure area
- Covered and open storage areas for different types of cargoes
- Customs bonded warehousing facilities
- Customs supervision, control, inspection and storage facilities
- Appropriate cargo and container-handling equipment
- Internal service roads and pavement for use in the operation and stacking area
- Parking space for freight vehicles
- An administrative building for stakeholders
- IT and electronic data systems, scanners and vehicle-weighing equipment
- A container, vehicle and equipment repair yard
**Infrastructure, equipment and facilities**

- A secure area
- Covered and open storage areas for different types of cargoes
- Customs bonded warehousing facilities
- Customs supervision, control, inspection and storage facilities
- Appropriate cargo and container-handling equipment
- Internal service roads and pavement for use in the operation and stacking area
- Parking space for freight vehicles
- An administrative building for stakeholders
- IT and electronic data systems, scanners and vehicle-weighing equipment
- A container, vehicle and equipment repair yard
Termez Cargo Logistics Center

Infrastructure, equipment and facilities

- A secure area
- Covered and open storage areas for different types of cargoes
- Customs bonded warehousing facilities
- Customs supervision, control, inspection and storage facilities
- Appropriate cargo and container-handling equipment
- Internal service roads and pavement for use in the operation and stacking area
- Parking space for freight vehicles
- An administrative building for stakeholders
- IT and electronic data systems, scanners and vehicle-weighing equipment
- A container, vehicle and equipment repair yard

TOTAL AREA: 48,9 ha
CLOSED WAREHOUSE: 6,000 m²
CONTAINER WAREHOUSE: 32,000 m²
PROCESSING CAPACITY: 1,000 th. tons
Karmana Logistics Center

Infrastructure, equipment and facilities

- A secure area: ✔
- Covered storage areas for different types of cargoes: ✗
- Customs bonded warehousing facilities: ✗
- Customs supervision, control, inspection and storage facilities: ✔
- Appropriate cargo and container-handling equipment: ✔
- Internal service roads and pavement for use in the operation and stacking area: ✗
- Parking space for freight vehicles: ✔
- An administrative building for stakeholders: ✔
- IT and electronic data systems, scanners and vehicle-weighing equipment: ✔
- A container, vehicle and equipment repair yard: ✗
Urgench Logistics Center

Infrastructure, equipment and facilities

- A secure area ✓
- Covered storage areas for different types of cargoes ✗
- Customs bonded warehousing facilities ✓
- Customs supervision, control, inspection and storage facilities ✓
- Appropriate cargo and container-handling equipment ✓
- Internal service roads and pavement for use in the operation and stacking area ✗
- Parking space for freight vehicles ✓
- An administrative building for stakeholders ✓
- IT and electronic data systems, scanners and vehicle-weighing equipment ✗
- A container, vehicle and equipment repair yard ✗
### Infrastructure, equipment and facilities

<table>
<thead>
<tr>
<th>Feature</th>
<th>✔️</th>
<th>✗</th>
</tr>
</thead>
<tbody>
<tr>
<td>A secure area</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Covered and open storage areas for different types of cargoes</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Customs bonded warehousing facilities</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Customs supervision, control, inspection and storage facilities</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Appropriate cargo and container-handling equipment</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Internal service roads and pavement for use in the operation and stacking area</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Parking space for freight vehicles</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>An administrative building for stakeholders</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>IT and electronic data systems, scanners and vehicle-weighing equipment</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>A container, vehicle and equipment repair yard</td>
<td>✗</td>
<td></td>
</tr>
</tbody>
</table>

**Total Area**

- **13.1 ha**
- **2,240 m²** Open Warehouse
- **2,240 m²** Bonded Warehouse

**Processing Capacity**

- **50,000 tons**
Ulugbek Logistics Center

Infrastructure, equipment and facilities

- A secure area
- Covered storage areas for different types of cargoes
- Customs bonded warehousing facilities
- Customs supervision, control, inspection and storage facilities
- Appropriate cargo and container-handling equipment
- Internal service roads and pavement for use in the operation and stacking area
- Parking space for freight vehicles
- An administrative building for stakeholders
- IT and electronic data systems, scanners and vehicle-weighing equipment
- A container, vehicle and equipment repair yard
Andijan Logistics Center

Infrastructure, equipment and facilities

- A secure area
- Covered and open storage areas for different types of cargoes
- Customs bonded warehousing facilities
- Customs supervision, control, inspection and storage facilities
- Appropriate cargo and container-handling equipment
- Internal service roads and pavement for use in the operation and stacking area
- Parking space for freight vehicles
- An administrative building for stakeholders
- IT and electronic data systems, scanners and vehicle-weighing equipment
- A container, vehicle and equipment repair yard
### Karshi Logistics Center

**Infrastructure, equipment and facilities**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>A secure area</td>
<td>✔️</td>
</tr>
<tr>
<td>Covered storage areas for different types of cargoes</td>
<td>❌</td>
</tr>
<tr>
<td>Customs bonded warehousing facilities</td>
<td>✔️</td>
</tr>
<tr>
<td>Customs supervision, control, inspection and storage facilities</td>
<td>✔️</td>
</tr>
<tr>
<td>Appropriate cargo and container-handling equipment</td>
<td>✔️</td>
</tr>
<tr>
<td>Internal service roads and pavement for use in the operation and stacking area</td>
<td>✔️</td>
</tr>
<tr>
<td>Parking space for freight vehicles</td>
<td>✔️</td>
</tr>
<tr>
<td>An administrative building for stakeholders</td>
<td>✔️</td>
</tr>
<tr>
<td>IT and electronic data systems, scanners and vehicle-weighing equipment</td>
<td>✔️</td>
</tr>
<tr>
<td>A container, vehicle and equipment repair yard</td>
<td>❌</td>
</tr>
</tbody>
</table>

**Total Area**: 1,844 HA

**Bonded Warehouse**: 600 M2

**Open Warehouse**: 2,840 M2

**Processing Capacity**: 23,000 TONS
## Infrastructure, equipment and facilities

- **A secure area**
- **Covered and open storage areas for different types of cargoes**
- **Customs bonded warehousing facilities**
- **Customs supervision, control, inspection and storage facilities**
- **Appropriate cargo and container-handling equipment**
- **Internal service roads and pavement for use in the operation and stacking area**
- **Parking space for freight vehicles**
- **An administrative building for stakeholders**
- **IT and electronic data systems, scanners and vehicle-weighing equipment**
- **A container, vehicle and equipment repair yard**
Infrastructure, equipment and facilities

- A secure area
- Covered and open storage areas for different types of cargoes
- Customs bonded warehousing facilities
- Customs supervision, control, inspection and storage facilities
- Appropriate cargo and container-handling equipment
- Internal service roads and pavement for use in the operation and stacking area
- Parking space for freight vehicles
- An administrative building for stakeholders
- IT and electronic data systems, scanners and vehicle-weighing equipment
- A container, vehicle and equipment repair yard
## Infrastructure, equipment and facilities

<table>
<thead>
<tr>
<th>Feature</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>A secure area</td>
<td>✔</td>
</tr>
<tr>
<td>Covered and open storage areas for different types of cargoes</td>
<td>✔</td>
</tr>
<tr>
<td>Customs bonded warehousing facilities</td>
<td>✔</td>
</tr>
<tr>
<td>Customs supervision, control, inspection and storage facilities</td>
<td>✔</td>
</tr>
<tr>
<td>Appropriate cargo and container-handling equipment</td>
<td>✔</td>
</tr>
<tr>
<td>Internal service roads and pavement for use in the operation and stacking area</td>
<td>✔</td>
</tr>
<tr>
<td>Parking space for freight vehicles</td>
<td>✔</td>
</tr>
<tr>
<td>An administrative building for stakeholders</td>
<td>✔</td>
</tr>
<tr>
<td>IT and electronic data systems, scanners and vehicle-weighing equipment</td>
<td>✔</td>
</tr>
<tr>
<td>A container, vehicle and equipment repair yard</td>
<td>❌</td>
</tr>
</tbody>
</table>
Research result

Results of the research and suggestions

Multimodal transport and logistics centers "Navoi Cargo", "Tashkent Cargo" and "First dry port" fully comply with the conditions of "dry ports" of the UN ESCAP agreement.

Promotion of the 15 logistics centers to the list of the UN ESCAP Agreement on "dry ports".

Lack of coding of logistics centers (dry ports) of international importance.

By applying international port codes, electronic links can be established between dry ports that are part of a regional network. This will be a significant advantage in facilitating trade and the use of electronic document management between dry ports located in different countries. At the moment, this system is used for the exchange of goods between at least two countries in the region.

Taking into account minor shortcomings such as the lack of equipment to control the volume and weight of trucks and container repair shops, the remaining 12 logistics centers can be included in the list subject to these shortcomings during 2024.
THANK YOU FOR ATTENTION!