Regional Meeting on Developing a regional Road map to Support Regional Cooperation for the Wider Deployment of Sustainable Smart Transport Systems

Seoul, 11-13 July 2023
Development of the Georgia’s Transit Potential

Key Priorities

- Implementation of transport-logistics infrastructure projects
- Enhance multilateral and bilateral cooperation with the regional countries
- Development of new transport corridors and routes
- Digitization of transport corridors
- Raising the level of qualification in the transport and logistics sector by prioritizing education
- Approximation of legislation with European standards
- Increase the safety and security of transport operations
Transport Infrastructure Development
Completed & Ongoing/Planned Transport Infrastructure Projects

- Expansion of Poti Seaport
- Anaklia Deep Sea Port
- East-West Highway
- Kutaisi Logistics Centre
- Railway Modernization
- Baku-Tbilisi-Kars Railway
- Tbilisi Logistics Centre
- Batumi Carbamide Terminal
- PACE Terminal (Phase I)
➢ Georgia is part of the extended Trans-European Network (T-ENT)

➢ Indicative **TEN-T Investment Action Plan** for the EaP region was published in 2019

➢ The Investment Action Plan identifies key transport infrastructure projects to be completed by 2030

➢ It aims at assisting the EaP countries in mobilizing necessary investments
Development of New Transit Routes and Corridors
Regional Cooperation and Transport Connectivity

- **Main Priority:** Improving Connectivity on the Black Sea

- **Corridors:**
  - Middle Corridor
  - Black Sea - Caspian Sea Corridor
  - Lapis Lazuli Route
  - Persian Gulf-Black Sea Corridor
Greater effectiveness, resilience and sustainability can be achieved in transport through digitalization.

At the request of the MoESD, the WB is implementing a project on *Creating a Framework for the Digitalization of Logistics Corridor between South Caucasus and Central Asia*.

The project includes the following tasks:

1. Digitalization analysis - including a market study, a trade and transport facilitation study, and a baseline logistics process map
2. Service Model Canvas for Digitalization of the Corridor
3. Proof of Concept
4. Develop a prototype digital logistics platform (*subject to available funding*)
5. Develop Minimum Value Product (MVP) (*subject to available funding*)

Funding for the implementation of Task 4 and Task 5 has yet to be obtained (estimated cost is $2 million).

*Policy documents: 10-Year Economic Development Plan; Draft National Transport and Logistics Strategy (2021–2030)*
With the support of the World Bank, we are also working on the digitalization of the Middle corridor. The study is underway to identify key challenges and possible digital solutions for the corridor. The project supports stakeholders in the Middle Corridor to initiate the planning process for the digitalization of the corridor to facilitate information exchange amongst member countries, users and stakeholders. Because of the member countries’ multinational nature and high number of shippers, operators and infrastructure providers, digitalization offers potential for significant benefits to improve transparency, convenience and speed of information exchange. We believe that more efficient information exchange can speed regulatory processes, commercial transactions, and optimize operations and infrastructure utilization.
The digitalization of the port sector services is of high importance in the agenda of the Government of Georgia. Maritime Single Window concept Implies simplification of administrative procedures, division of Georgian port services and unification of state and private services into one digital space. The obligation to implement the concept derives on the basis of the Association Agreement signed between the European Union and Georgia.

The ships’ clearance process for arrival/departure from Georgian ports will be digitized and processed through one single window principle. This project will greatly increase and ensure trade and security in the Black Sea.

In 2020, with the financial assistance of the Office of Export Control and Related Border Security, a feasibility study for the development of the MSW in Georgian ports has been successfully conducted.

The implementation phase has started in 2023, which will develop the hardware and software components of the system.

The system shall be operational for 2024.
• Port Community System (PCS) concept connects the systems in different port sectors to logistics center systems as well as to Maritime Single Window.

• Feasibility study for PCS, which was financed by the EBRD, has been successfully concluded. The study analyzed possibilities for integration of logistics and transport systems, as well as provided a strategy for its implementation and successful operation. Therefore, the implementation strategy along with its guidelines have been developed.

• Implementation of PCS will result in faster processing times, helping reduce ship and truck turn around and waiting times and the length of cargo dwell; Streamlining customs procedures; and, in turn, significantly enhancing the regional competitiveness of Georgia’s seaports.
Intelligent Transportation System in Tbilisi Municipality

Overview of future of ITS in Tbilisi

- Population of Tbilisi – 1 172 000
- Area: 501 km²
- Daily passenger ridership by bus – 400 000+
- Total number of busses – 860
- Total Number of microbusses - 1000
  
  Including:
  
  - MAN Lion’s City
  - Isuzu Novociti Life
  - BMC Procity

- By Support of KFW, Tbilisi Municipality acquire 48M Euro Loan for development of ITS systems and Green Corridors
- This also Include purchase of ITS modules for Bus priority, Emergency vehicle priority and etc.
- APIs Integration with existing sub-systems (traffic, public transport, environment).
- Procurement of 200 + “smart” controllers, 150 + ANPR cameras and 1000+ traffic counters
Further development of ITS system is currently undergoing
Pre-feasibility study is already completed
Tender for consultants is already begun. Consultants will help Tbilisi Municipality with implementation process of future development of ITS systems.

Currently we are planning to develop systems like:
- Incident response
- Bus/Emergency vehicle priority
- Parking management
- Traffic management
- Public Transport management
And etc.

- Currently 150 ANPR cameras run by Municipality
- Cameras enforcing Bus lanes, intersections and other vital points in the city
- Section speed control also presented
- Ministry of Internal Affairs owns their own grid of ANPR cameras.
Thank You

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