

SMART CONNECTIVITY ALONG THE ASIAN HIGHWAY NETWORK IN THE TIMES OF COVID-19

"Transport and trade connectivity in
the age of pandemics: Contactless,
seamless and collaborative UN
solutions"



7. Remote approval and
registration of permits for large,
heavy and dangerous goods

Overall description

The organization of transportation of bulky, heavy and dangerous goods on the territory of States, including in international traffic on the routes of Asian roads, is regulated by national and international legislation, including the European agreement on the international carriage of dangerous goods by road (ADR).

The procedures for approving routes, schedules and conditions of transportation, as well as for issuing and issuing permits for the transportation of these categories of goods, are carried out by state competent authorities and may differ significantly in each country. These procedures are the most complex and lengthy for carriers.

The introduction of a service for remote operational access and authorization of the carrier in a digital platform that allows remote approval, registration and issuance of permits for the transportation of large, heavy and dangerous goods is relevant especially during the pandemic.

Overall description

The service allows carriers to perform the following operations in digital format online:

- register applications for admission and registration of permits for the transportation of bulky, heavy and dangerous goods along the planned route without having to personally visit the permit processing point;
- provide remotely in digital format data on the planned transportation and vehicles used in accordance with the requirements applicable in the territory of the state;

- receive on-line up-to-date information about the requirements for:
 - permissible weight and size parameters of vehicles on the route and other restrictions;
 - completing vehicles with additional equipment;
 - the necessity and features of applying special markings and distinctive signs to the vehicle and the cargo being transported;
 - cargo securing;
 - confirmation of drivers' qualifications;
 - the need and conditions for maintenance by technical support vehicles, etc.

Overall description

- plan and coordinate the route and mode of transportation, taking into account current size and weight restrictions, including restrictions on engineering structures, roadside facilities, for example, social facilities, including kindergartens, schools, medical facilities, and others;
- optimize the transportation schedule, taking into account compliance with the requirements for working hours, working and rest modes of drivers, as well as the availability of places for safe stops.



Expected benefits and linkages to the pandemic response

The service of operational remote access and authorization for approval and registration of permits for the transportation of bulky, heavy and dangerous goods will allow:

- reduce the number and duration of physical contacts of people when approving and issuing permits for the transportation of bulky, heavy and dangerous goods;
- reduce the number of stops and downtime of vehicles on the route for inspections;
- reduce the number and duration of physical contacts between the personnel of control and supervision agencies and representatives of transport and forwarding companies during transportation;

Expected benefits and linkages to the pandemic response

- reduce downtime for the most expensive vehicles while waiting for permits to be issued, as well as for carrying out control procedures on the transportation route;
- eliminate the risks of interruption of transportation and penalties due to the absence or incorrectly entered information in the permit documents;
- centralize registration and informing the control and Supervisory authorities of all States along the route of traffic on the compliance of issued permits for the transportation of heavy, oversized and dangerous goods with the agreed requirements;
- optimize business processes, coordination and efficiency of interaction between state regulatory authorities on Asian international routes;

Expected benefits and linkages to the pandemic response

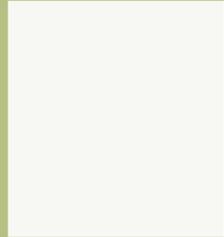
- reduce the costs and time of transport companies for approval and registration of permits for the transportation of heavy, oversized and dangerous goods;
- improve the quality and safety of transportation of heavy, oversized and dangerous goods;
- identify differences in national standards and legislation in a timely manner and take coordinated measures to eliminate the causes of barriers to the transport of heavy, oversized and dangerous goods in international traffic on Asian roads;
- increase the transparency of control and supervision activities and eliminate negative manifestations of the human factor.

Implementation examples

The service of rapid remote access and authorization for approval and registration of permits for the transportation of large, heavy and dangerous goods has not yet been implemented on international routes of Asian roads, but is initiated by some States in the EAEU space. An example is the implementation of the initiative in the Russian Federation(1).



Initial recommendations for launching/strengthening similar initiative in an interested country/sector



The introduction of the service of operational remote access and authorization for approval and registration of permits for the transportation of large, heavy and dangerous goods is associated with the transfer of business processes of the licensing system to a digital format.

The effectiveness of the service is significantly increased with an integrated approach from the States located along the Asian road network. The service should be part of an integrated ecosystem of government and business platform solutions for planning, managing and controlling the transportation process.



The implementation of the service may require making necessary changes to the regulatory framework, including in terms of legally securing the legitimacy of electronic formats of permits for the transportation of certain categories of goods and the results of monitoring compliance with the conditions of transportation prescribed in the permit on the route.

At the same time, it will be necessary to develop and coordinate standards for information exchange with state regulatory authorities of legally significant data both within the state and at the international level.

