



ITIO

**International Transport
Infrastructure Observatory**

The United Nations GIS center for transport infrastructure



Welcome to the Observatory

The [International Transport Infrastructure Observatory](#) is an initiative of UNECE Sustainable Transport and Islamic Development Bank. It is a multi-stakeholder, web-based GIS platform which hosts data on a large variety of transport infrastructure networks and nodes across different modes including road, rail, inland waterways, ports, airports, intermodal terminals, logistics centers and border crossing points.



What are the objectives?

1. Enhance cooperation among the different transport organizations globally. Along the Euro-Asian continents there are more than 14 regional initiatives working on the development and operationalization of transport corridors / networks. However, all these initiatives are working for more or less the same corridors (or part of them), by using in most of the cases the same consultants, for more or less the same projects. A solution should be found that:
 - a. enhances cooperation.
 - b. creates economies of scale
 - c. facilitates communication
 - d. disseminates ad hoc knowledge, and good practices.
 - e. exchanges information.



What are the objectives?

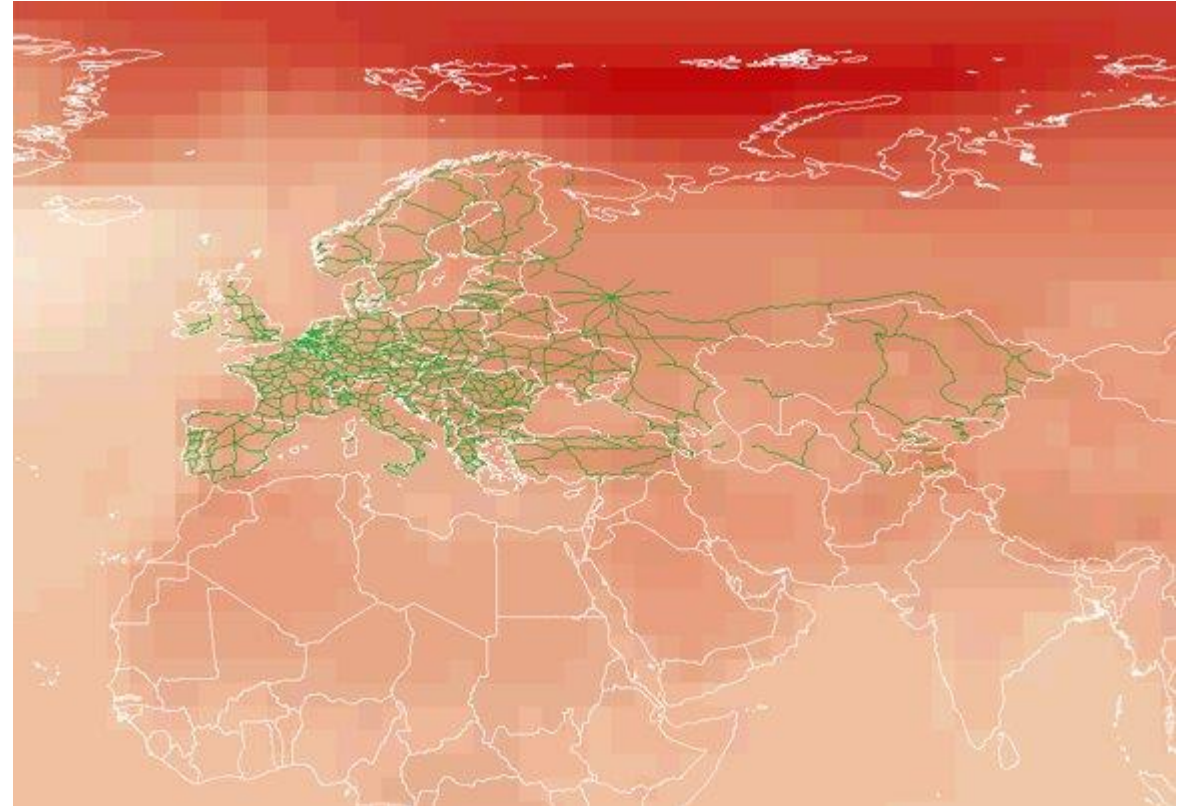
2. Consolidate transport infrastructure related data in a sophisticated platform to be used globally. The United Nations System generates thought its intergovernmental processes, the implementation of UN inland transport conventions and the mandated by Governments projects, a lot of transport infrastructure related data. This data in order for all users to take most advantage of, should be consolidated and made available in one platform accessible to all possible stakeholders. Data includes information about:

- a. transport networks and nodes (road, rail, inland waterways, ports, airports, intermodal terminals, logistics centers and border crossing points)
- b. transport corridors (length, services, missing links, time schedules, tariffs)
- c. international conventions / agreements ratification and implementation
- d. Benchmarking transport infrastructure construction costs
- e. Climate Change impacts and adaptation for transport networks and nodes



What are the objectives?

3. Governments globally require access to resources in order to fund their transport infrastructure. A platform that guides governments on a secure and structured way to submit data regarding new transport infrastructure projects and then disseminate this information automatically through this platform to all international financial institutions connected with the platform for their consideration would be an efficient and innovative tool to finance transport infrastructure. Especially if the platform consolidates the information provided by the government with the data included in challenges 1 and 2. The IFIs, for instance, will receive in the end, not only the data submitted by the government but they will see the project in the map, they will if it is part of an international corridor, if the area will be flooded in the future and additional technical measures will be required to adapt to changes of climate etc.



Access to data and maps

Choose your profile below to access data and maps on specific transport infrastructure networks of interest to you



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