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**Economic Commission for Europe****Inland Transport Committee****Working Party on Rail Transport****Seventy-third session**

Geneva, 25–27 November 2019

Item 16 of the provisional agenda

**Rail Review****Rail Review: Data Supplementing the Questionnaire****Note by the secretariat****I. Background**

1. At its sixty-seventh session, the Working Party approved a draft questionnaire for the rail review publication. At the time, the questionnaire covered several areas in relation to railway reform, productivity, Public Private Partnerships (PPPs) and infrastructure. Due to other ongoing work, the Working Party agreed at its seventy-first session to focus the questionnaire exclusively on the infrastructure aspects. Following this meeting, the secretariat worked closely with the support of International union of railways (UIC) to ask member States and railway operators to provide information in relation to targeted large rolling stock procurement projects and large railway infrastructure projects of more than 50 million EUR/60 million USD, undertaken since 2005.
2. At its seventy-second session, the Working Party asked the secretariat to supplement the data received with publicly available information and to provide member States with easily accessible information on rail infrastructure (ECE/TRANS/SC2/230).

**II. Database and Geographical Information System on rail infrastructure**

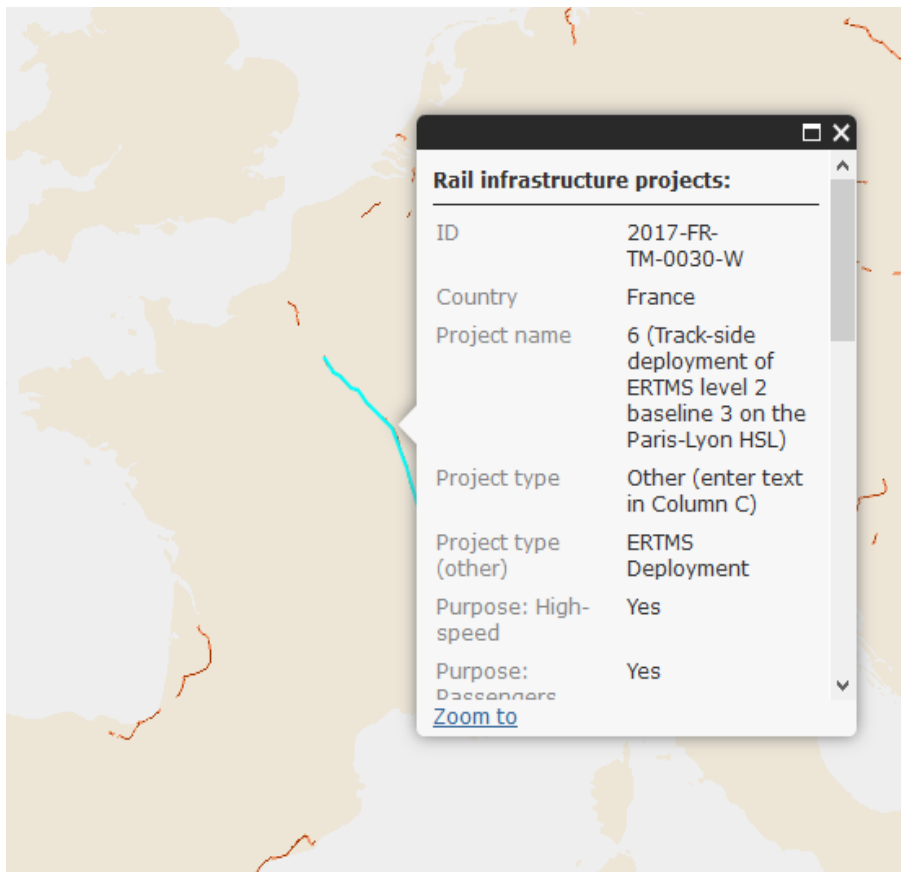
3. The secretariat developed a project using a Geographical Information System (GIS) to store and disseminate information on publicly available rail project information. As a first step, the secretariat geolocated the projects developed and implemented under the “Connecting Europe Facility (CEF) for Transport” programme.<sup>1</sup> This programme focuses mainly on cross-border projects and projects aimed at removing bottlenecks or bridging missing links in various sections of the TEN-T network. The project costs vary from 1 million to more than 2 billion USD and are in twenty-two European Union member States.

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<sup>1</sup> <https://ec.europa.eu/inea/en/connecting-europe-facility/cef-transport>.

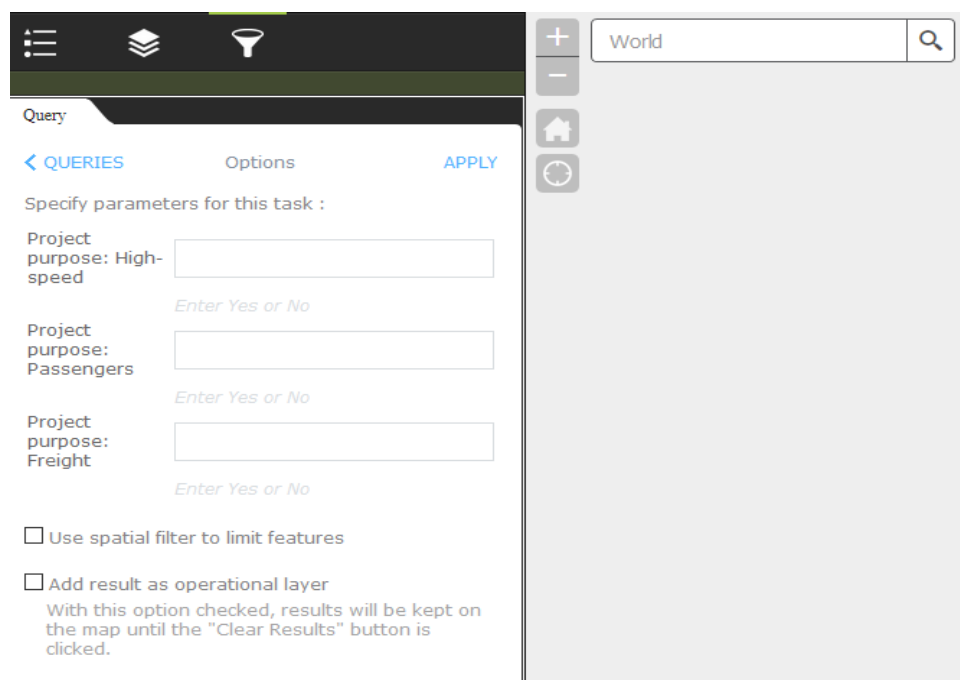
4. The publicly available CEF data was collected by the Secretariat and located on a map, using a GIS. The online map<sup>2</sup> gives access to this data and allows to display detailed information on CEF rail infrastructure projects (Figure I). A total of 121 projects are available in this application, with their detailed data relative to the parameters defined in the rail review questionnaire (project type and purpose, construction time, completion date and funding). The online map also allows users the ability to filter the data according to a number of criteria: project purpose, cost budget and completion date (Figure II).

Figure I  
**Detailed information on the CEF rail infrastructure projects**



<sup>2</sup> <https://portal-gis.unece.org/arcgis/apps/webappviewer/index.html?id=ce33c0e4946a4c5487c280ea5f5c21a1>.

Figure II  
Filter on project purpose



World

+

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Home

Refresh

Query

< QUERIES Options APPLY

Specify parameters for this task :

Project purpose: High-speed   
*Enter Yes or No*

Project purpose: Passengers   
*Enter Yes or No*

Project purpose: Freight   
*Enter Yes or No*

Use spatial filter to limit features

Add result as operational layer  
With this option checked, results will be kept on the map until the "Clear Results" button is clicked.

5. The online map can be further customized to meet the requirements of member States.
6. The Working Party is invited to provide the secretariat with suggestions on possible improvements and next steps in this project including on how best to supplement this data with information from outside the European Union as well as on optimal dissemination methods.