



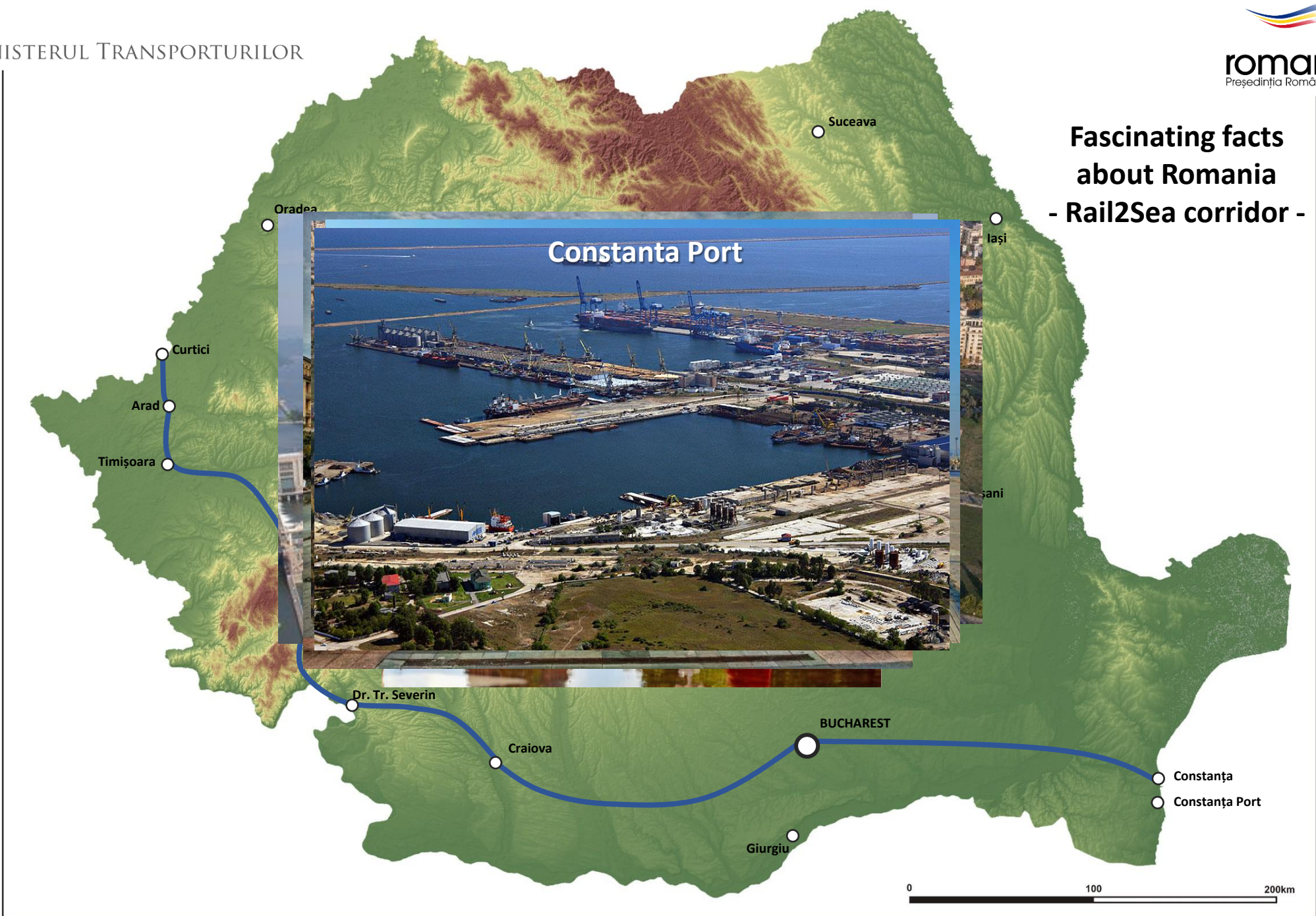
# The Railway and digital Corridor Curtici – Arad – Timisoara – Caransebeș – Craiova – railway Ring of Bucharest – Constanta Port

Ministry of Transport of Romania

6 June 2019

Slovenia

**Fascinating facts  
about Romania  
- Rail2Sea corridor -**





**Fascinating facts  
about Romania  
- Rail2Sea corridor -**





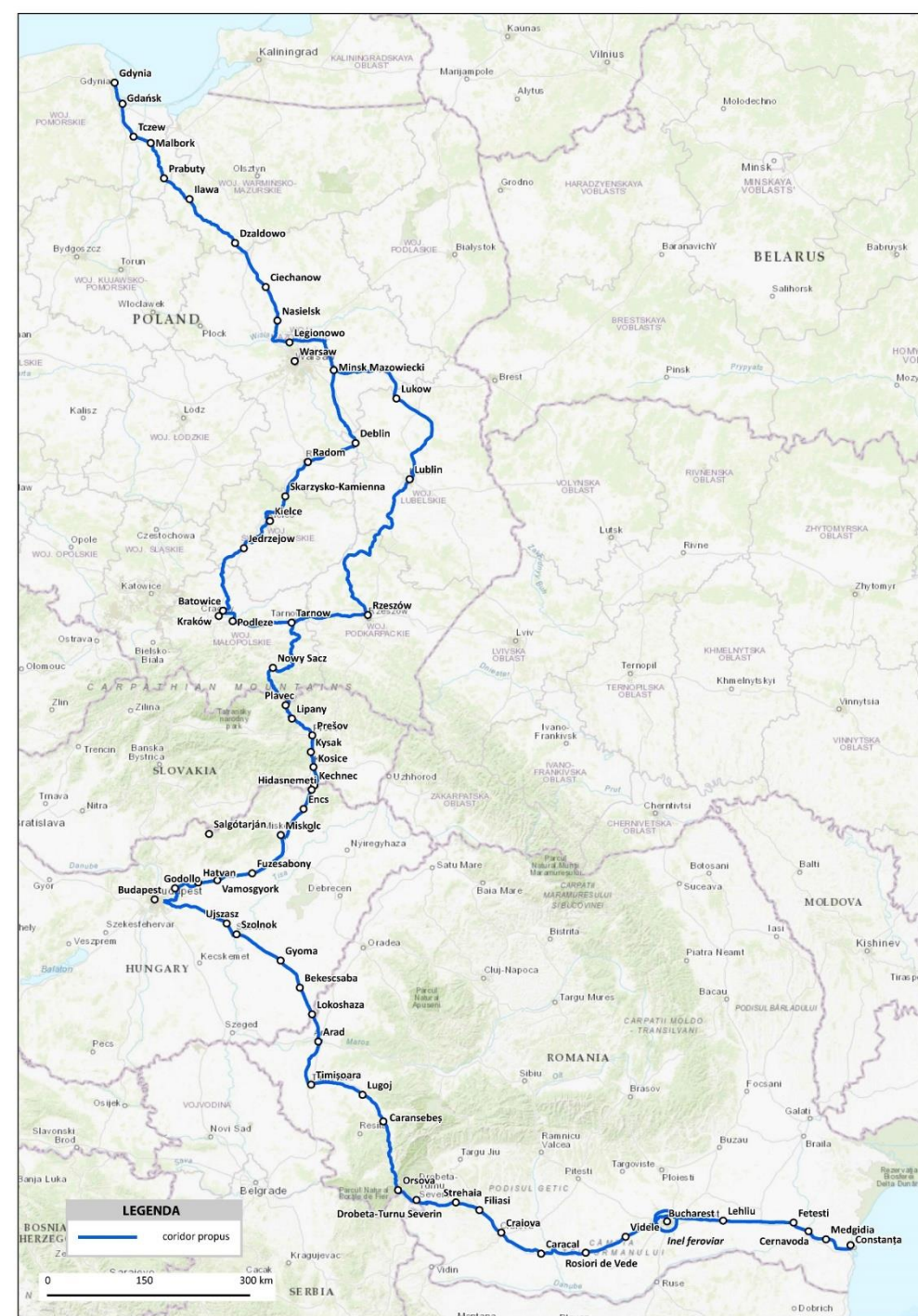


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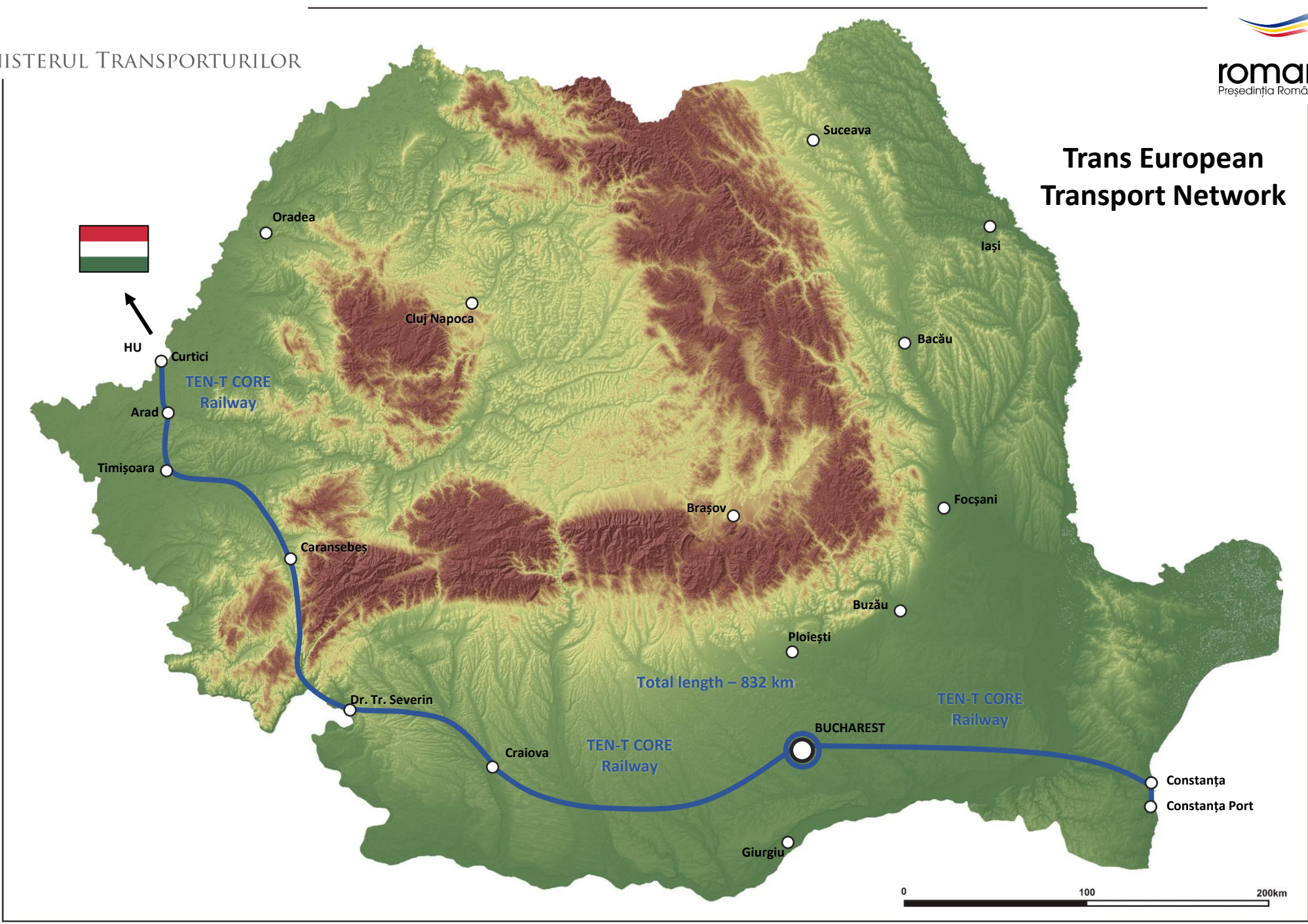
## Gdansk – Constanta Corridor



romania2019.eu  
Președinția României la Consiliul Uniunii Europene



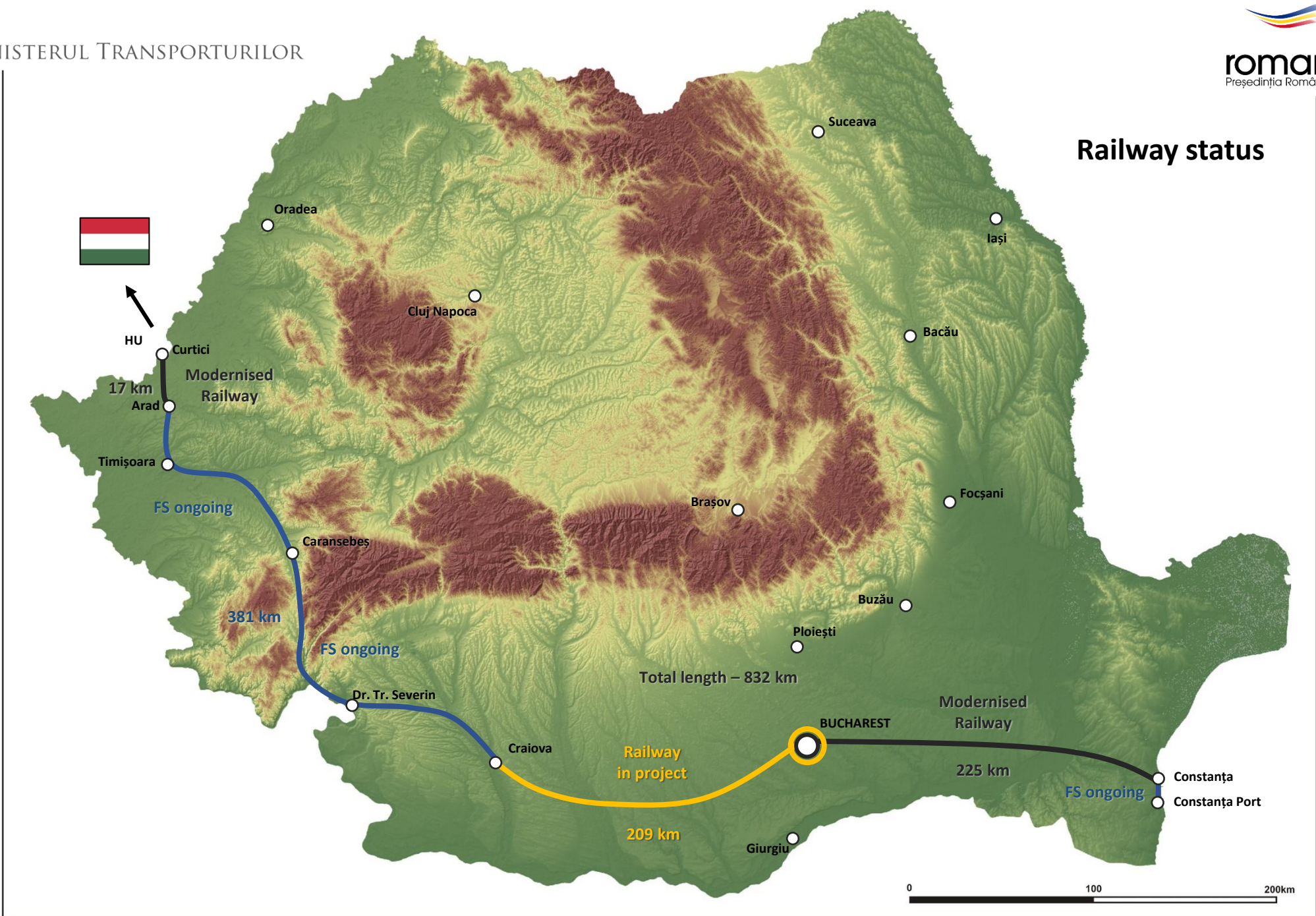




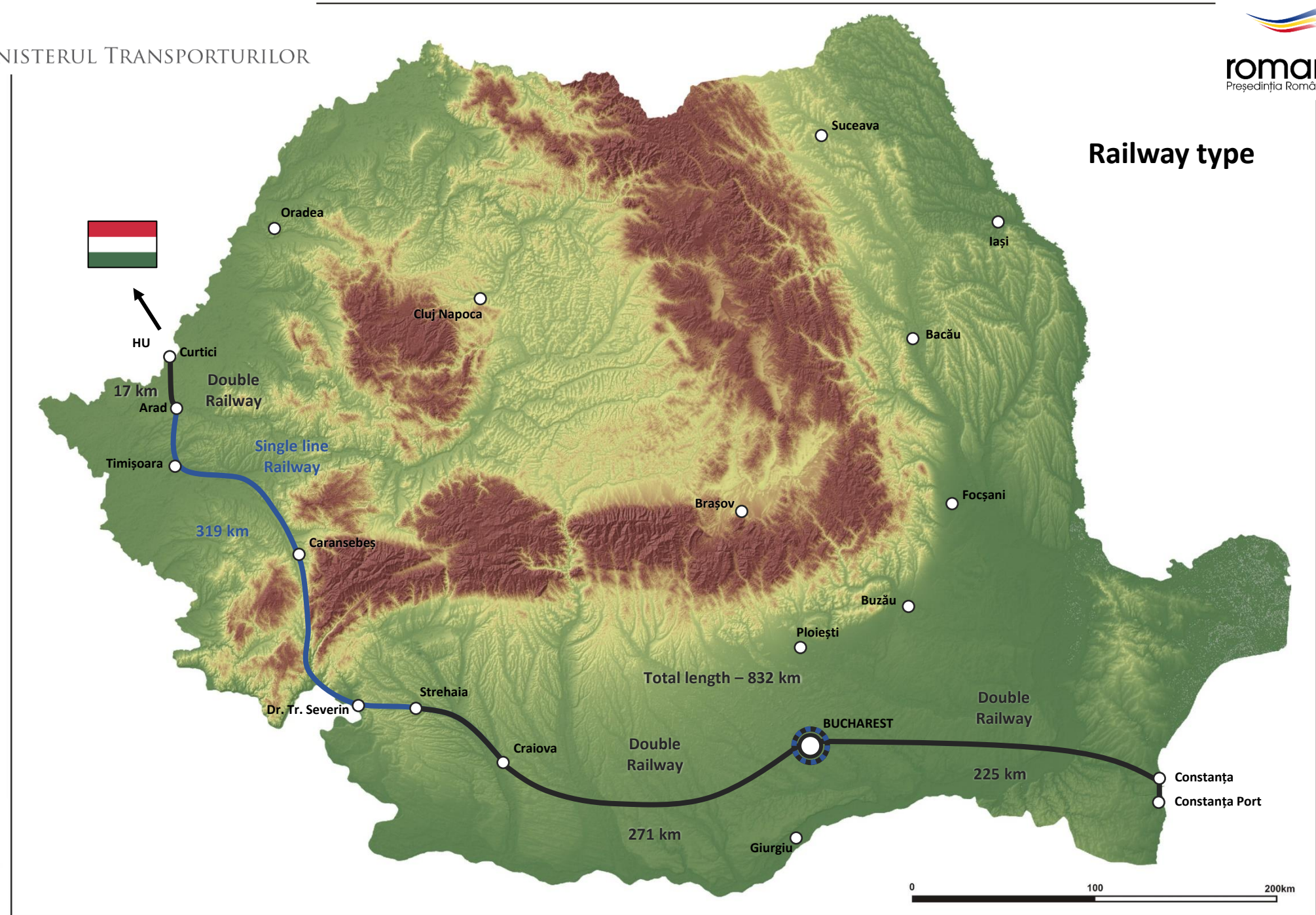
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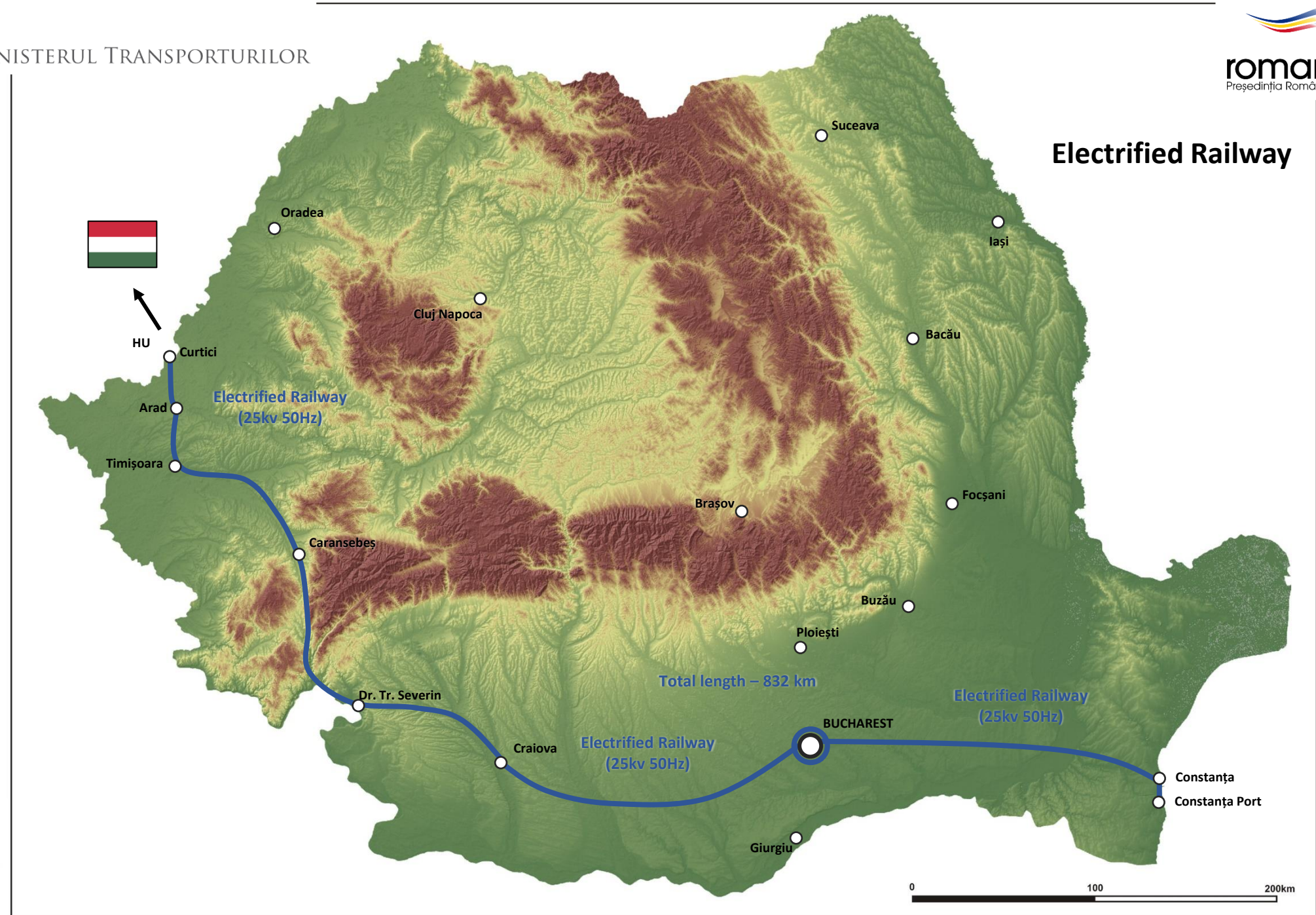
## Railway status





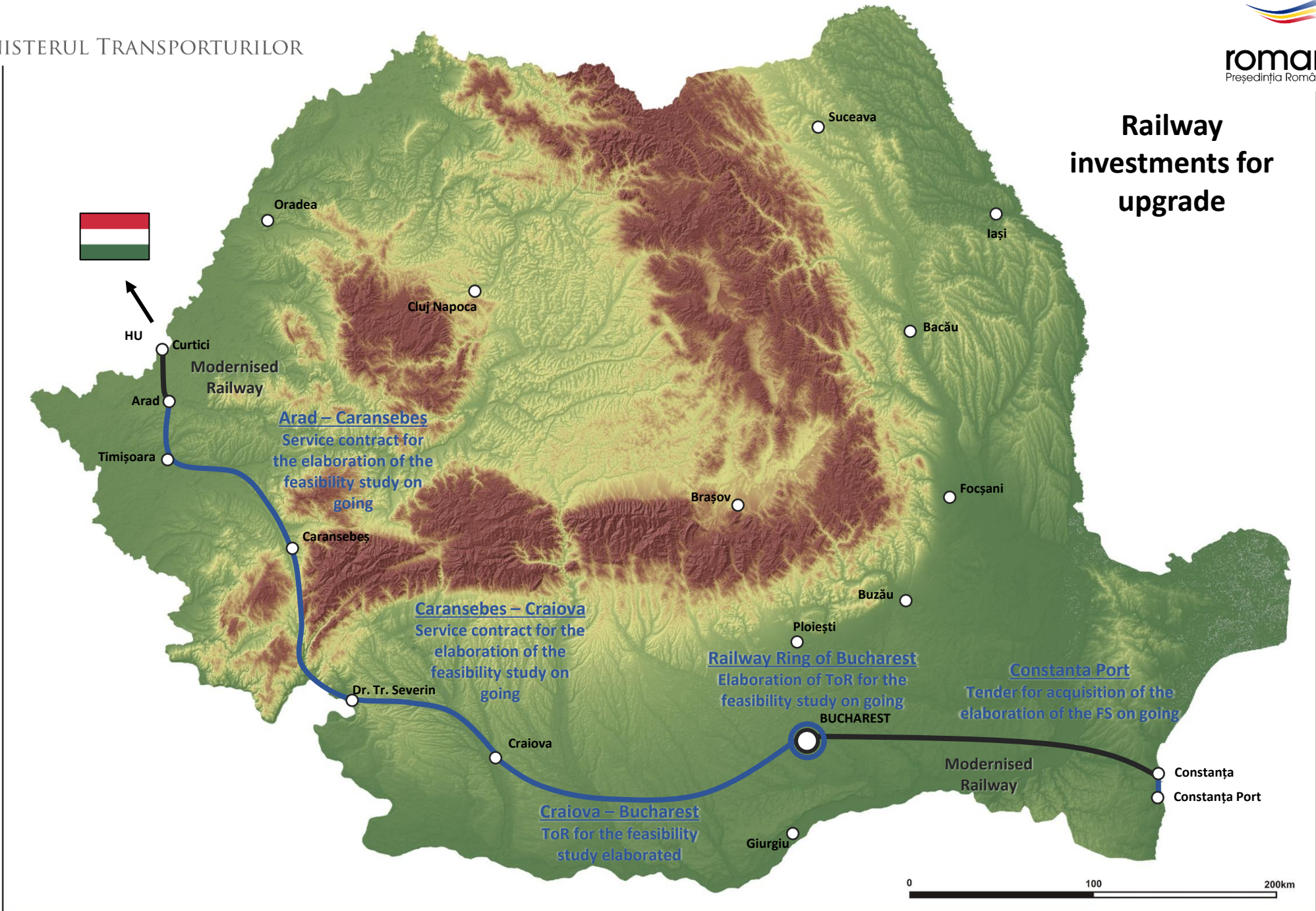






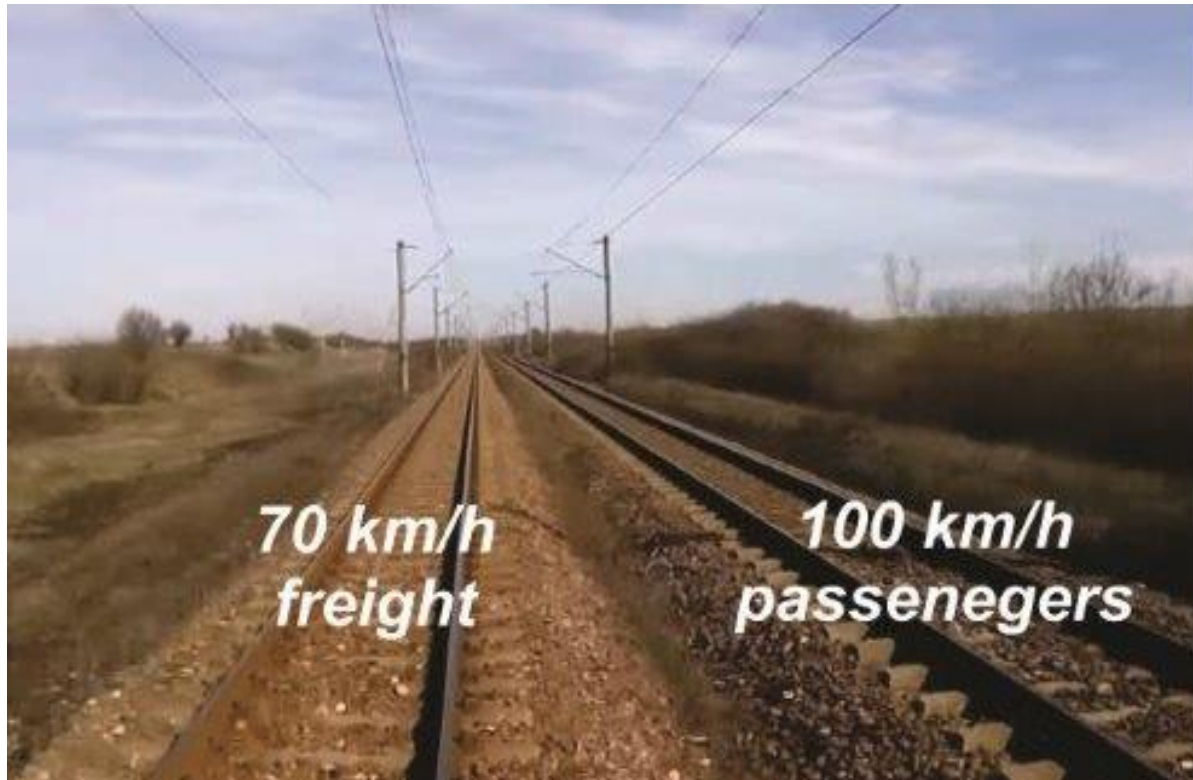


## Railway investments for upgrade

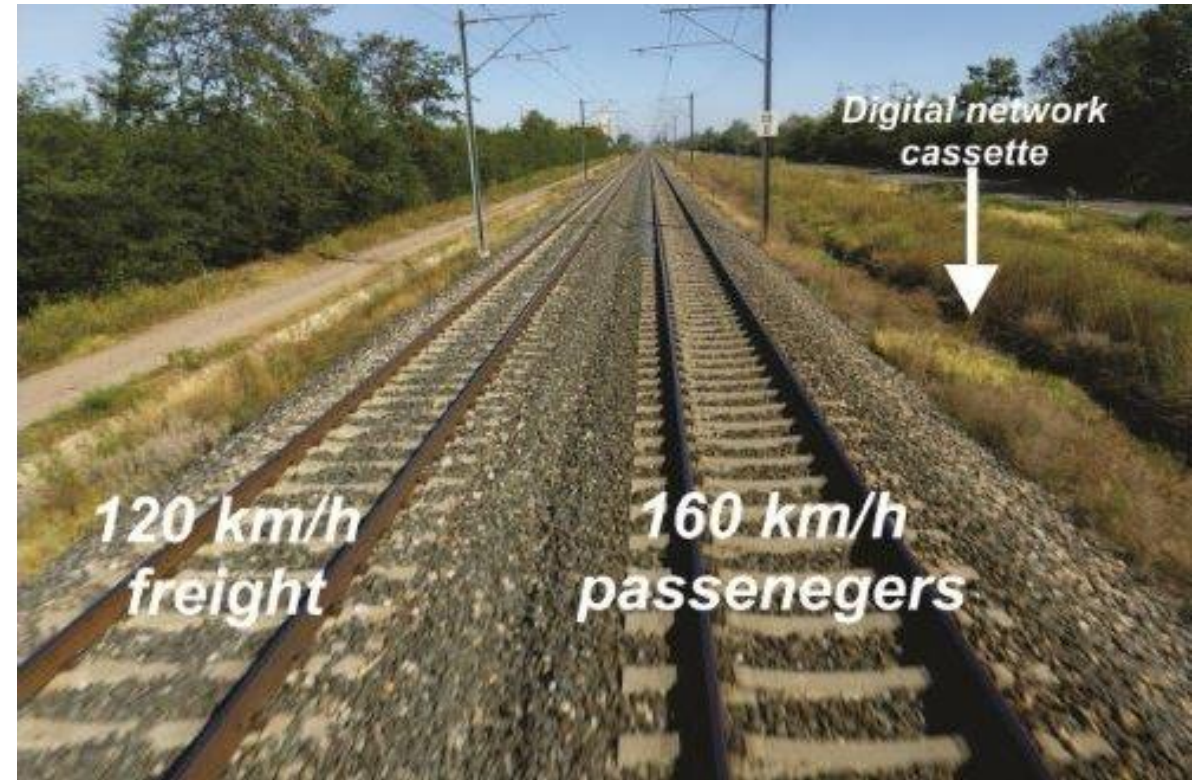




## Unmodernised railway (Craiova – Bucharest)



## Modernised railway (Bucharest - Constanta)





## 3.6 billion euro for over 1000 km of a improved railway corridor

### *Economical sustainable railway corridor*

Increasing the  
rail speed

Increasing  
axle load

Increasing the  
railway capacity

#### Now:

- 70 km/h for freight trains
- 100 km/h for passengers trains

#### In future:

- up to 22.5 tons

#### In future:

- more freight trains
- more passengers trains

#### In future:

- 120 km/h for freight trains
- 160 km/h for passengers trains



# The railway digitalization represents a new standard of efficiency



signaling,  
computer-  
based train  
control



predictive  
maintenance  
for operations,  
rolling stock  
and  
infrastructure



strengthen of  
competitive-  
ness



train control  
management



customer  
benefits



## Cross-border benefits

- The Curtici railway station is a ***common MAV / CFR cross-border station*** and modernized to European standards;
- ***It is a high-security area***; the average time spent on border for the police control in order to prevent illegal trafficking (immigrants) is less than 1 hour;
- The CFR grants to the RUs the ***following facilities / reductions of the track access charges*** for the utilization of the infrastructure on the basis of conventions signed between the CFR and the RUs:
  - *33% in the case of full international trains that are transiting CFR's network;*
  - *33% for complete trains in intermodal traffic.*

## Digital Benefits

- CFR manages ***IT systems used at European level*** by RailNetEurope organization in order to facilitate international traffic on the European railway infrastructure, such as: **Pathfinder** – IT system, **EICIS** (European Infrastructure Charging Information System), **EUROPTIRAIL** – IT system, **TIS** (Train Information System) - IT system
- CFR SA manages the ***IMComm IT application for the interactive programming of the international trains'*** traffic between CFR and MAV.





[Romanian Rail2Sea Corridor - video](#)





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# Thank you for your attention!

