CREATING A GREEN AND EFFICIENT Trans-European Transport Network

The Trans-European Transport Network (TEN-T) creates an EU-wide network of rail, inland waterways, short sea shipping routes, and roads. It links major cities, ports, airports and terminals. It is crucial to the functioning of the internal market as it ensures efficient transport of goods and passengers. The network will be made greener, more efficient, and more resilient.

ECONOMIC AND CLIMATE BENEFITS

- **Expected GDP increase of 2.4% by 2050** relative to the current situation.
- Reduce greenhouse gas emissions by up to 0.4% by 2050, shifting more to rail and inland waterways, on top of emission standards for cars and vans.
- **840 000 new jobs** – an increase of 0.5% - by 2050.
- **Will mobilise funds** for EU infrastructure, such as from the Connecting Europe Facility, European Investment Bank and private loans.

The EU’s transport network should be **safer, more sustainable, faster and more convenient for its users.** We want more people to take the train, and more goods to be transported by rail, inland waterways, and short sea shipping.

**Sustainability**
Reduce congestion, transport emissions and impact on climate change

**Cohesion**
Connect EU cities and regions, including rural areas and remote regions

**Efficiency**
Remove bottlenecks and gaps on the transport network

**Increase user benefits**
Better transport services to citizens and freight customers

- At least 160 km/h for all passenger lines on the main TEN-T rail stretches
- Making it possible network-wide for lorries to be transported by trains
- Safe and secure parking areas for commercial drivers, equipped with alternative fuels infrastructure
- Connect large airports to rail, where possible high-speed rail
- Increase the number of multimodal transhipment hubs for freight, and multimodal stations for passengers
- Lay the ground for deploying alternative fuels (all transport modes) and multimodal terminals
- 424 EU cities to adopt a sustainable urban mobility plan (SUMP)

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9 EUROPEAN TRANSPORT CORRIDORS

Integrating:
- Core Network Corridors
- Rail Freight Corridors

Corridors consist of railways, roads, inland waterways, ports, airports and rail-road terminals. They ensure coherence in network development, avoiding duplication and increasing synergies between infrastructure planning and operational needs.

**NETWORK IN NUMBERS**

<table>
<thead>
<tr>
<th>Network in numbers (2021)</th>
<th>Total</th>
<th>Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rail network length</td>
<td>119,078 km</td>
<td>64,572 km</td>
</tr>
<tr>
<td>Road network length</td>
<td>108,597 km</td>
<td>47,318 km</td>
</tr>
<tr>
<td>Inland waterways network length</td>
<td>15,451 km</td>
<td>15,451 km</td>
</tr>
<tr>
<td>Number of maritime ports</td>
<td>282</td>
<td>66</td>
</tr>
<tr>
<td>Number of inland ports</td>
<td>229</td>
<td>57</td>
</tr>
<tr>
<td>Number of ‘maritime &amp; inland’ ports</td>
<td>40</td>
<td>26</td>
</tr>
<tr>
<td>Number of airports</td>
<td>317</td>
<td>82</td>
</tr>
<tr>
<td>Number of urban nodes</td>
<td>424</td>
<td>337</td>
</tr>
<tr>
<td>Number of rail-road terminals</td>
<td>251</td>
<td>126</td>
</tr>
</tbody>
</table>

**TIMELINE**

- **2030**: Complete the EU’s main transport veins (TEN-T core network)
- **2040**: Complete extended core network and deliver upgraded requirements on speed and quality
- **2050**: A fully operational and modernised TEN-T network

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