Annex I
MAPS OF THE COMPREHENSIVE, EXTENDED CORE AND CORE NETWORKS

Legend

<table>
<thead>
<tr>
<th>Network</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inland Waterways</td>
<td></td>
</tr>
<tr>
<td>Core</td>
<td>Completed and/or to be upgraded</td>
</tr>
<tr>
<td>Core</td>
<td>New construction</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Railways</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core</td>
<td>Rail completed and/or to be upgraded by 2030</td>
</tr>
<tr>
<td>Core</td>
<td>Rail new construction for 2030</td>
</tr>
<tr>
<td>Extended core</td>
<td>Rail completed and/or to be upgraded by 2040</td>
</tr>
<tr>
<td>Extended core</td>
<td>Rail new construction for 2040</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>Rail completed and/or to be upgraded by 2050</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>Rail new construction for 2050</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>Projected</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Roads</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core</td>
<td>Road completed and/or to be upgraded by 2030</td>
</tr>
<tr>
<td>Core</td>
<td>Road new construction for 2030</td>
</tr>
<tr>
<td>Extended core</td>
<td>Road completed and/or to be upgraded by 2040</td>
</tr>
<tr>
<td>Extended core</td>
<td>Road new construction for 2040</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>Road completed and/or to be upgraded by 2050</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>Road new construction for 2050</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>Projected</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nodes</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Core</td>
<td>Ports*</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>Ports*</td>
</tr>
<tr>
<td>Core</td>
<td>Airports*</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>Airports*</td>
</tr>
<tr>
<td>Core</td>
<td>RRT (Rail road terminals)/ terminals along IWW</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>RRT (Rail road terminals)/ / terminals along IWW</td>
</tr>
<tr>
<td></td>
<td>Urban nodes*</td>
</tr>
</tbody>
</table>

*including multimodal freight terminals
Core, Extended Core & Comprehensive Networks: Rail freight, core ports and rail-road terminals (RRT)
EU Member States

- Railways Core
- Railways Extended Core
- Railways Comprehensive
- Projected

Legend:
- Conventional
- Conventional / New Construction
- ≥ 200 km/h
- ≥ 200 km/h / New Construction

EU Member States

Ports
RRT
Core, Extended Core & Comprehensive Networks: Rail passengers and core airports EU Member States

- Conventional
- Conventional / New Construction
- ≥ 200 km/h
- ≥ 200 km/h / New Construction
- Projected

EU

Airports
Core, Extended Core & Comprehensive Networks

RRTs, core ports, rail-road terminals (RRT) and airports

EU Member States
Core, Extended Core & Comprehensive Networks:
Rail Passengers, airports
BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

≥ 200 km/h
Conventional / New Constr.
≥ 200 km/h / New Constr.

Urban Nodes
Capitals

Railways Core
Railways Extended Core
Railways Comprehensive
Compr
Core
Urban Nodes

Conventional
Conventional / New Constr.
≥ 200 km/h
≥ 200 km/h / New Constr.
Projected
Comprehensive & Core Networks:

Inland waterways and ports

BE BG CZ DK DE EE ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Core Comprehensive Core Urban Nodes

- Inland Waterways
- Inland Waterways / New Construction
- Ports
- Capitals
- Urban Nodes
Core, Extended Core & Comprehensive Networks:

Rail freight, ports and rail-road terminals (RRT)

Projected Core, Extended Core & Comprehensive Networks:

Rail freight, ports and rail-road terminals (RRT)

Railways Core

Conventional
Conventional / New Constr.
≥ 200 km/h
≥ 200 km/h / New Constr.
Projected

Railways Extended Core

Conventional
Conventional / New Constr.
≥ 200 km/h
≥ 200 km/h / New Constr.
Projected

Railways Comprehensive

Conventional
Conventional / New Constr.
≥ 200 km/h
≥ 200 km/h / New Constr.
Projected

Compr
Core
Urban Nodes

Ports
Capitals
Urban Nodes

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE
Core, Extended Core & Comprehensive Networks:

**Rail Passengers**, airports

BE BG CZ DK DE EE IE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

---

**Railways Core**

- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Railways Extended Core**

- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Railways Comprehensive**

- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

- Projected

**Compr Core**

- Airports
- Capitals
- Urban Nodes

**Urban Nodes**

- Dublin
- Cork
- Galway
- Limerick

---

Projected Airports Comprehensive Railways Core ComprRailways Extended Core Core Railways Passengers, airports
Core, Extended Core & Comprehensive Networks

**Roads**, ports, rail-road terminals and airports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Projected Urban Nodes

Core, Extended Core & Comprehensive Networks

RRT

Roads Core

Roads Extended Core

Roads Comprehensive

Comprehensive Urban Nodes

2
Core, Extended Core & Comprehensive Networks: Rail freight, ports and rail-road terminals (RRT)

Railways Core
- Conventional
- Conventional / New Constr. ≥ 200 km/h
- Conventional / New Constr. ≥ 200 km/h / New Constr.
- Projected

Railways Extended Core
- Conventional
- Conventional / New Constr. ≥ 200 km/h
- Conventional / New Constr. ≥ 200 km/h / New Constr.
- Projected

Railways Comprehensive
- Conventional
- Conventional / New Constr. ≥ 200 km/h
- Conventional / New Constr. ≥ 200 km/h / New Constr.
- Projected

Compr
- Conventional
- Conventional / New Constr. ≥ 200 km/h
- Conventional / New Constr. ≥ 200 km/h / New Constr.
- Projected

Core
- Conventional
- Conventional / New Constr. ≥ 200 km/h
- Conventional / New Constr. ≥ 200 km/h / New Constr.
- Projected

Urban Nodes
- Rail freight, ports and rail-road terminals (RRT)
- Capitals
- Urban Nodes

Projected
- Conventional
- Conventional / New Constr. ≥ 200 km/h
- Conventional / New Constr. ≥ 200 km/h / New Constr.
- Projected
Railways Core  
- Conventional  
- Conventional / New Constr.  
- ≥ 200 km/h  
- ≥ 200 km/h / New Constr.  

Railways Extended Core  
- Conventional  
- Conventional / New Constr.  
- ≥ 200 km/h  
- ≥ 200 km/h / New Constr.  

Railways Comprehensive  
- Conventional  
- Conventional / New Constr.  
- ≥ 200 km/h  
- ≥ 200 km/h / New Constr.  

Projected  

Airports  

Capitals  

Urban Nodes  

Guadeloupe (FR)  
Martinique (FR)  
St. Martin (FR)  
Guiana (FR)  
Mayotte (FR)  
Réunion (FR)
Core, Extended Core & Comprehensive Networks

Roads, ports, rail-road terminals and airports

BE BG CZ DK DE EE EL ES FR HR CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Guadeloupe (FR)  
Martinique (FR)

St. Martin (FR)

Guiana (FR)

Réunion (FR)

Mayotte (FR)

Roads Core
Roads Extended Core
Roads Comprehensive
Comprehensive
Core
Urban Nodes

Roads
Road / New Constr.
Projected

Road
Road / New Constr.
Projected

Ports
RRT
Airports

Capital
Urban Nodes
Comprehensive & Core Networks: Inland waterways and ports

Inland waterways and ports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE
Core, Extended Core & Comprehensive Networks: Rail freight, ports and rail-road terminals (RRT)

Projected RRT

Railways Core and Extended Core

- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.
- Projected

Comprehensive & Core Networks:

Inland waterways and ports

- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.
- Projected

Urban Nodes

- Capitals
- RRT
- Urban Nodes

Core, Extended Core & Comprehensive Networks: Rail freight, ports and rail-road terminals (RRT)

BE BG CZ DK DE EE IE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE
Core, Extended Core & Comprehensive Networks: Rail Passengers, airports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Railways Core  Railways Extended Core  Railways Comprehensive  Compr Core  Urban Nodes

Conventional  Conventional / New Constr.  ≥ 200 km/h  Conventional / New Constr.  ≥ 200 km/h
Conventional / New Constr.  ≥ 200 km/h / New Constr.  ≥ 200 km/h / New Constr.

Airports  Capitals  Urban Nodes

Projected
Core, Extended Core & Comprehensive Networks

Roads, ports, rail-road terminals and airports

Projected Urban Nodes

Core, Extended Core & Comprehensive Networks

Roads, ports, rail-road terminals and airports

Projected Urban Nodes

Core, Extended Core & Comprehensive Networks

Roads, ports, rail-road terminals and airports

Projected Urban Nodes
Comprehensive & Core Networks:

Inland waterways and ports

BE BG CZ DK DE EE IE ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Core Comprehensive Core Urban Nodes

Inland waterways

Comprehensive & Core Networks:

Inland waterways

BE BG CZ DK DE EE IE ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Core Comprehensive Core Urban Nodes

Inland Waterways

Inland Waterways / New Construction

Ports

Ports

Capitalis

Urban Nodes
Core, Extended Core & Comprehensive Networks:

**Rail freight**, ports and rail-road terminals (RRT)

- **Core, Extended Core & Comprehensive Networks:** Rail freight, ports and rail-road terminals (RRT)

---

**Railways Core**
- Conventional
- Conventional / New Constr.
- Conventional, ≥ 200 km/h
- Conventional, ≥ 200 km/h / New Constr.

**Railways Extended Core**
- Conventional
- Conventional / New Constr.
- Conventional, ≥ 200 km/h
- Conventional, ≥ 200 km/h / New Constr.

**Railways Comprehensive**
- Conventional
- Conventional / New Constr.
- Conventional, ≥ 200 km/h
- Conventional, ≥ 200 km/h / New Constr.

**Compr Core**
- Conventional
- Conventional / New Constr.
- Conventional, ≥ 200 km/h
- Conventional, ≥ 200 km/h / New Constr.

**Urban Nodes**
- Conventional
- Conventional / New Constr.
- Conventional, ≥ 200 km/h
- Conventional, ≥ 200 km/h / New Constr.

- **Ports**
- **Capitals**
- **RRT**
- **Urban Nodes**
Core, Extended Core & Comprehensive Networks:

**Rail Passengers, airports**

Projected:
- Rail Passengers
- Airports

**Urban Nodes**

**Railways Core**
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Railways Extended Core**
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Railways Comprehensive**
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Compr Core**
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Urban Nodes**
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Projected**

**Airports**
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Capitals**
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Networks**
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

**Projected**
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.
Core, Extended Core & Comprehensive Networks

Roads, ports, rail-road terminals and airports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE
Comprehensive & Core Networks: Inland waterways and ports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Core Comprehensive Core Urban Nodes

- Inland Waterways
- Inland Waterways / New Construction

Ports

Capitals

Urban Nodes
Core, Extended Core & Comprehensive Networks:
Rail freight, ports and rail-road terminals (RRT)

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Railways Core
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.
- Projected

Railways Extended Core
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.
- Projected

Railways Comprehensive
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.
- Projected

Compr Core
- Ports
- Capitals
- RRT
- Urban Nodes
Core, Extended Core & Comprehensive Networks:

Rail Passengers, airports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Railways Core
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.
- Projected

Railways Extended Core
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.
- Projected

Railways Comprehensive
- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.
- Projected

Compr Core

Urban Nodes
- Airports
- Capitals
- Urban Nodes
Comprehensive & Core Networks: Inland waterways and ports

Inland waterways and ports

Core Comprehensive Core Urban Nodes

Inland Waterways Inland Waterways / New Construction

Ports

Azores (PT) Canary Islands (ES)

Canary Islands (ES)

Madera (PT)
Projected RRT

Core, Extended Core & Comprehensive Networks:

**Rail freight, ports and rail-road terminals (RRT)**

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Railways Core

- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

Railways Extended Core

- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

Railways Comprehensive

- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

Projected

Capitals

Urban Nodes
Comprehensive & Core Networks:

Inland waterways and ports

BE BG CZ DK DE EE EL ES FR HR IT LV LT LU MT NL AT PL PT RO SI SK SE
Core, Extended Core & Comprehensive Networks: Rail freight, ports and rail-road terminals (RRT)

Projected RRT: Rail freight, ports and rail-road terminals

Core, Extended Core & Comprehensive Networks:
- Rail freight, ports and rail-road terminals (RRT)

BE BG CZ DK DE EE EL ES FR HR IT LV LT LU HU MT NL AT PL PT RO SI SK FI SE
Core, Extended Core & Comprehensive Networks:

Rail Passengers, airports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE
Comprehensive & Core Networks: Inland waterways and ports

Inland waterways and ports

Core Comprehensive Core Urban Nodes

Inland Waterways Inland Waterways / New Construction Ports Ports Capitals Urban Nodes

BE BG CZ DK DE EE EL ES FR HR IT CY LV LU HU MT NL AT PL PT RO SI FI SE

Map showing the network of ports and inland waterways in the region, with key cities such as București and Sofia.

Legend:
- Inland Waterways
- Inland Waterways / New Construction
- Ports
- Capitals
- Urban Nodes

Map credit: TENtec

Additional text:
- Comprehensive & Core Networks:
  - Inland waterways
  - Ports

Key cities and locations highlighted on the map.
Core, Extended Core & Comprehensive Networks:
Rail freight, ports and rail-road terminals (RRT)

Projected RRT

Core, Extended Core & Comprehensive Networks:
Rail freight, ports and rail-road terminals (RRT)

Core, Extended Core & Comprehensive Networks:
Rail freight, ports and rail-road terminals (RRT)

Projected RRT

Core, Extended Core & Comprehensive Networks:
Rail freight, ports and rail-road terminals (RRT)

Projected RRT
Core, Extended Core & Comprehensive Networks:

Rail Passengers, airports

BE  BG  CZ  DK  DE  EE  IE  EL  ES  FR  HR  IT  CY  LV  LT  LU  HU  MT  NL  AT  PL  PT  RO  SI  SK  FI  SE
Core, Extended Core & Comprehensive Networks

Roads, ports, rail-road terminals and airports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE
Comprehensive & Core Networks: Inland Waterways and ports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Inland Waterways and ports

**Comprehensive & Core Networks:**
- Inland waterways
  - BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

---

**Core**
- Inland Waterways
- Inland Waterways / New Construction

**Comprehensive**
- Ports

**Core**
- Ports

**Urban Nodes**
- Capitals
- Urban Nodes
Core, Extended Core & Comprehensive Networks: Rail freight, ports and rail-road terminals (RRT)

Projected RRT

Core, Extended Core & Comprehensive Networks:
Rail freight, ports and rail-road terminals (RRT)
Core, Extended Core & Comprehensive Networks: Rail Passengers, airports

BE BG CZ DK DE EE EL ES FR HR IT CY LV LT LU HU MT NL AT PL PT RO SI SK FI SE

Projected

Railways Core | Railways Extended Core | Railways Comprehensive | Compr | Core | Urban Nodes

- Conventional
- Conventional / New Constr.
- ≥ 200 km/h
- ≥ 200 km/h / New Constr.

Airports
Capitals
Urban Nodes