Rotterdam Container Port
Global Hub & Gateway
Port of Rotterdam map
World Top 20 container ports
2012 - 2011

Total container throughput in million TEU

Source: Port Authorities

1) Including domestic trade
2) Including river trade
3) Port combined in 2006
European Top 20 container ports
2012 - 2011

Total container throughput in million TEU

Source: Port Authorities

1) Provisional figures 2012 (incl. Ro/Ro)
2) Provisional figures 2012
Trends and developments

- Growth in volume
- Overcapacity of ships
- Increased cooperation/integration of services
- New additional terminal capacity in Europe

ULCC (400 x 60 x 15.5 m)
Trends and developments

• Economies of scale for both sea- and landside
• Strengthening of hinterland connections
• Modal Shift: essential for processing the growing freight flows
Nautical accessibility

NO DRAFT RESTRICTIONS OR TIDAL WINDOWS FOR THE PORT OF ROTTERDAM.

<table>
<thead>
<tr>
<th>PORT</th>
<th>SAILING TIME PILOT TO BERTH</th>
<th>HAMBURG 12,80M*</th>
<th>ANTWERP 13,10M*</th>
<th>AMSTERDAM 13,70M</th>
<th>ROTTERDAM 19M</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTTERDAM MAASVLAKTE</td>
<td>2 HOURS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAMBURG</td>
<td>12 HOURS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTWERP</td>
<td>12 HOURS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Key characteristics
Global hub & gateway

- All major shipping lines have weekly services calling at Rotterdam
- High ratio of “First/Last Port of Call” services
- Large number of shortsea & feeder connections
Strategic hinterland

• Gateway to 350 million consumers
Excellent barge connections

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>WEEKLY FREQUENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>NETHERLANDS</td>
<td>231</td>
</tr>
<tr>
<td>BELGIUM</td>
<td>41</td>
</tr>
<tr>
<td>FRANCE</td>
<td>40</td>
</tr>
<tr>
<td>SWITZERLAND</td>
<td>20</td>
</tr>
<tr>
<td>GERMANY</td>
<td>161</td>
</tr>
<tr>
<td>TOTAL</td>
<td>493</td>
</tr>
</tbody>
</table>
Excellent rail connections

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>WEEKLY FREQUENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENELUX</td>
<td>62</td>
</tr>
<tr>
<td>ITALY &amp; FRANCE</td>
<td>159</td>
</tr>
<tr>
<td>GERMANY, SWITZERLAND &amp; AUSTRIA</td>
<td>180</td>
</tr>
<tr>
<td>EASTERN EUROPE</td>
<td>92</td>
</tr>
<tr>
<td>TOTAL</td>
<td>493</td>
</tr>
</tbody>
</table>
Betuwe Route

• 160 km of dedicated rail freight line of Rotterdam to the German network
• Performance 2011 (ytd): +/- 500 trains per week
• In four hours from Rotterdam to German’s Ruhr area
Extensive inland terminal network

Benefits

• More reliable and efficient connection to the port
• Improving accessibility to the port
• Reducing CO$_2$ emissions
## Ideal shortsea & feeder hub

### COUNTRY

<table>
<thead>
<tr>
<th>Country</th>
<th>Weekly Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK &amp; Ireland</td>
<td>&gt;85*</td>
</tr>
<tr>
<td>Scandinavia &amp; Iceland</td>
<td>&gt;20</td>
</tr>
<tr>
<td>Baltic &amp; Russia</td>
<td>&gt;30</td>
</tr>
<tr>
<td>Mediterranean</td>
<td>&gt;5</td>
</tr>
<tr>
<td>Iberia</td>
<td>&gt;15</td>
</tr>
</tbody>
</table>

**Total** | >155  

* Including RoRo
Port Community System

- A neutral and reliable information hub for all logistical information in the port
- To align, improve and simplify the exchange of information

www.portbase.com
Customs

- Paperless
- Working in partnership with private sector
- Tailor made solutions
- 24/7 operations
- “Single Window” concept
- Non-intrusive (i.e. scanning) inspections

Euromax Containerscan Customs
Shipping lines commit to Rotterdam

**Euromax MV1**
ECT & Cosco, K-Line, Yang Ming & Hanjin (CKYH)

**APM Terminals MV2**
APM Terminals & Maersk Line

**Rotterdam World Gateway**
DP World, APL, MOL, HMM & CMA-CGM
Maasvlakte 1 basin widening

• To further improve accessibility for ULCS’s
• The Amazonehaven will be widened from 255 to 310 metres
• Work currently in progress
• Expected completion: mid-2014
Rotterdam Cool Port

• Complete Cool cluster in the Waal-Eemhaven area
  • State-of-the-art cold store operations
  • Cross-docking facilities
  • High frequency shuttle connection with Maasvlakte
  • LCL consolidation point
• Start construction: Q1 2014
• Operational (phase 1): Mid 2015
Targets

• To optimise the exchange of containers at Maasvlakte
• To strengthen Hinterland connectivity
• To effect/realize modal shift targets (from Maasvlakte)
Subscribe for the ‘downloads updates’ and be the first to download the latest videos, presentations, pictures and more.

www.changeyourperspective.com