



Fédération Européenne des Ports Intérieurs
Europäischer Verband der Binnenhäfen
European Federation of Inland Ports

Shallow Draft Ports Seminar

Charles HUYGENS

October 2005



Fédération Européenne des Ports Intérieurs
Europäischer Verband der Binnenhäfen
European Federation of Inland Ports

Intermodal Connections : Connecting Shallow Draft Partnerships in Practice

Charles HUYGENS

President of the European Federation
of Inland Ports

General Manager of the Port of Brussels



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1. The European network of inland ports



1.1. About the European Federation of Inland Ports

1.2. The European network

2. Enhancing links coastal ports – inland ports

2.1. Ensuring good connections with the hinterland

2.2. A glance at the past years

2.3. Inland ports : Record traffic for containers

2.4. Building cooperation

2.5. Reducing bottlenecks

3. Conclusion



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1.1 About the European Federation of Inland Ports

- More than 200 inland ports in 18 European countries
- The only tri-modal link between road, rail, inland waterway
- Integration in Short Sea Shipping networks, where geographically possible
- Access for sustainable transport solutions to economic centres and basis for urban logistics



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1.2. The European network The European waterway network





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1.2. The European network

The Rhine \ Scheldt \ Seine Network



Source : FEPI



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1.2. The European network

The Danube network



Source: Atlas de l'océan, Philippe Rekacewicz, Editions du Livre de l'océan, Paris, 1998.



The Balkan Region and the Danube Basin



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1.2. The European network

The Elbe \ Odra network



Source : FEPI



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1.2. The European network

The Danube \ Elbe network



Source : FEPI



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2. Enhancing links coastal ports – inland ports

- Facing congestion
- VLCS
- Return freight
- Just in time



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2. Enhancing links coastal ports – inland ports

- Facing congestion
- Port of Antwerp new infrastructure : Deurgangdock for new VLCS (8000 EVP)



Source: Photo of Antwerpen



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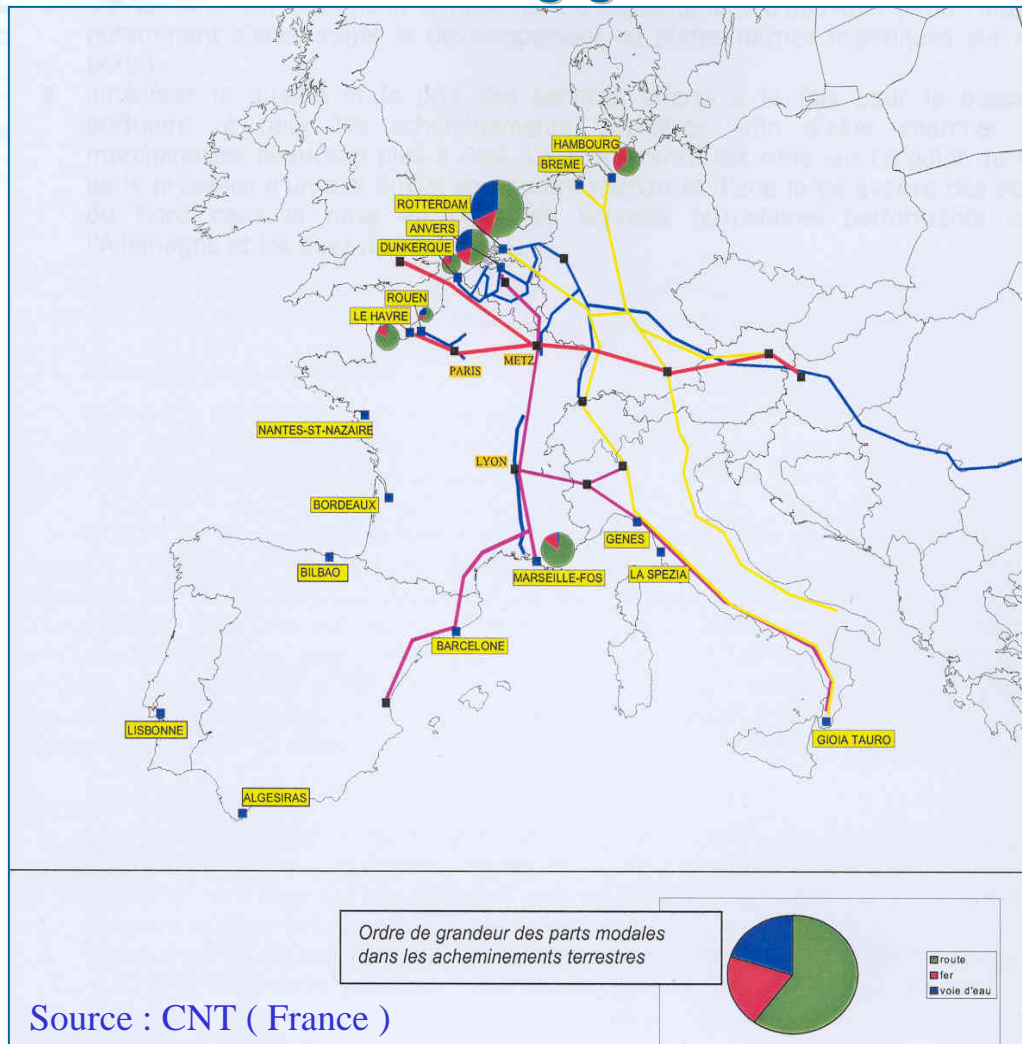
3. Conclusion



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2. Enhancing links coastal ports – inland ports

2.1. Ensuring good connections with the hinterland





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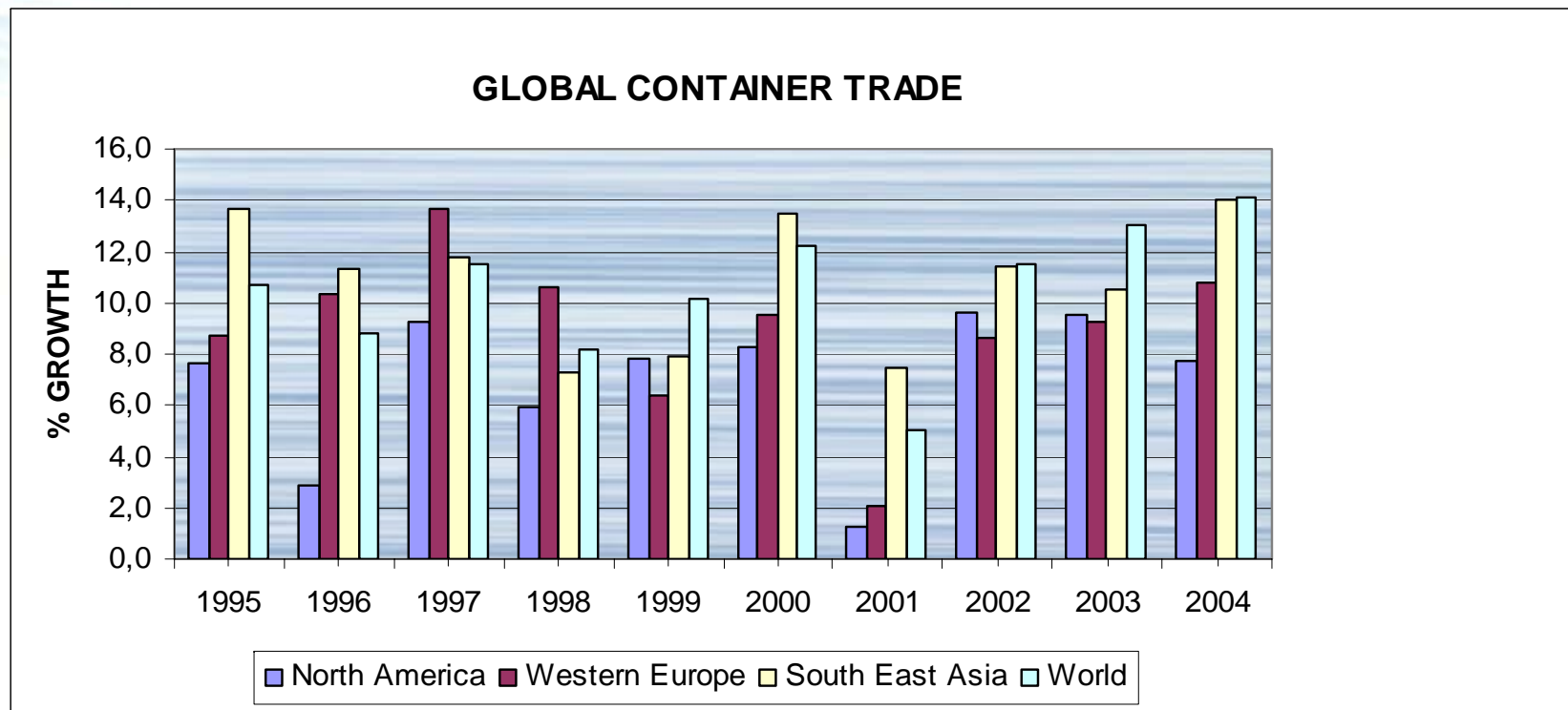
2.5. Reducing bottlenecks

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2. Enhancing links coastal ports – inland ports

2.2. A glance at the past years



Drewry Shipping Consultants Ltd. I. Loges "Global port congestion: No quick fix".
in Port Technology International 26th edition



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2. Enhancing links coastal ports – inland ports

2.3. Inland ports : Record traffic for containers

- Many inland ports registered record traffic in containers in 2004
- Rate of increase often outstrips overall growth in tonnage
- Success in particular on the Rhine, but positive developments on the Seine, the Rhône and the Elbe, some difficulties still to be solved on the Danube but action is being undertaken



2. Enhancing links coastal ports – inland ports

2.3. Inland ports : record traffic for containers (continued)

Port	Trade in 2004 (TEU)	Compared to 2003
Port of Lyon (France)	198.542	16.60%
Port of Strasbourg (France)	156.436	15.90%
Ports of Mulhouse Rhin (France)	239.858	34.40%
Port of Bâle (Switz)	85.254	9.30%
Duisbourg (Germany)	610.000	22.00%

Source : Cargo systems, may 2005



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2.4. Building cooperation

Inland Port	Coastal Port	Action
Duisburg (Ger)	Antwerp (Bel)	D invests shares in new terminal in A
Willebroeck (Bel)	Rotterdam (NI)	R invests in terminal W
Paris- Genevilliers (Fr)	Le Havre (Fr)	Regular lines on Seine river
Lyon (Fr)	Marseille (Fr)	Containers feeding lines on Rhone river



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Map of Europe

France, Paris – Belgium, Brussels – Netherlands,
Amsterdam





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2.4. Building cooperation

Example Port of Paris – containers

Lines Paris – Le Havre





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2.5. Reducing bottlenecks : TEN-T

Channel : 1350 tons
Height difference : 73.15 m

Costs : 650.000.000 EUR
Closes the connection A-B-C-D





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3. Conclusions

- Inland ports  Tri-modal nodal points in the transeuropean network
- Inland ports  Added value on the logistics chain
- Cooperation inland ports - coastal ports is a must
- Reducing bottlenecks in the hinterland



Thank You for Your
Kind Attention

