



**Europe's Plan to cope with Growth:
Strategic Intermodal Research Agenda 2020,
Energy and Environment**

2nd Trans Middle East / Dubai 28-29 November 2006

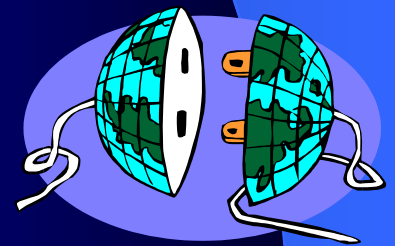
Peter Wolters, Deputy Secretary General EIA

Overview presentation :

1. **Global trends having impact on intermodal chain**
2. **European Intermodal Research Advisory Council**
3. **Impact energy & environment on transport (prices)**
4. **EIA: preparing instruments for the market**

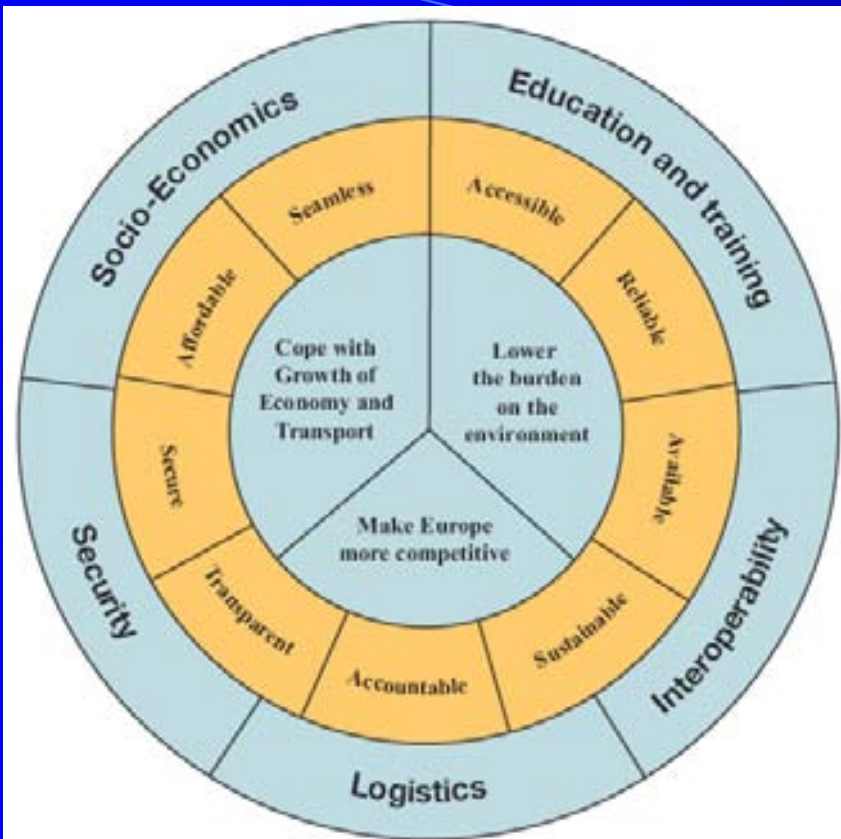
1. Global trends having impact on intermodal chain

- **Kyoto:** 'become more sustainable'
(energy & environmental)
- **9/11:** 'become safer'
(more information sharing along whole chain)
- ✓ **Lisbon:** 'become more competitive'
(create more innovations, more jobs)





- **EIRAC is more than just pre-research funded by the European authorities: its about defining industry needs, mainstreams for innovations including an attached business scenario and implementation plan incl. budget.**
- **In our Vision (by 2020, transport system will feature 40% of the movement of goods going intermodal/multimodal), the following nine characteristics have been decided upon, of which we believe to contribute to strategic objectives for Europe:**
- **Seamless; Reliable; Available; Accessible; Secure; Sustainable; Accountable; Affordable; Transparent.**



The Agenda & Implementation Plan

Examples to be researched and implemented:

- ✓ Technical interoperability loading units
- ✓ Single Intermodal Security
- ✓ e-Intermodal Business Transaction System
- ✓ Intermodal e-documentation
- ✓ Performance of our nodes, hubs and terminals
- ✓ common quality goals for logistics
- ✓ Intermodal education

3. Impact energy on transport (prices)

	Sensitivity of energy costs to crude oil price	% of energy costs in total transport costs	Effect on transport costs of doubling crude oil price
Road freight	40%	20-30%	10%
Rail freight - diesel	40%	15-25%	10%
Rail freight - electricity	15%	15%	2-3%
Inland waterways	100%	10-25%	10-25%
Shortsea crossings	100%	15-30%	15-30%
Aviation freight	100%	15-30%	15-30%

- Estimation of the sensitivity to cost of crude oil in transport sector
- Source: Ecorys

German EU Presidency 2007 + G-8 Summit:

„The climatic protection will be a significant topic during the German European Union Council presidency and during the German G-8 presidency”.

“It will be equally contributing to environmental protection as for the promotion of the German and European High-tech industry “



* Chancellor ANGELA MERKEL

Bild-t-online, Nov. 2006 -
Appell für die Umwelt





Environment:

'Green' issues became business goal

- (External) Cost EU freight traffic: € 530 Bln.
- Caused by: Road (91.5%), Air (6.1%), Rail (1.9%), Waterway (0.5%).
- Bottlenecks: congestion, delays, pollution...
- EU. Commission Policy: soon, internalisation of external costs.

Bill to be paid by: the causers / users

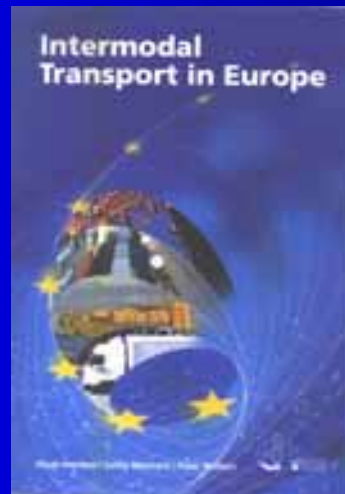
4. EIA instruments to shape 2020



- ✓ Continue lobby process EU authorities, United Nations, ECMT...
- ✓ EIRAC Vision 2020 & Strategic Intermodal Research Agenda
- ✓ European long-term (40 years) traffic strategy
- ✓ Developing small but effective channels for communication & expertise

EIA instruments to shape 2020

- Round Tables, events; inviting legislative powers with our members to address any kind of market bottleneck
- High-level 'Intermodal Masterclass' for managers
- 'Intermodal Awards' for best practices for innovative industries
- Web-based tools for students and managers (www.ines.info)
- Intermodal Handbook



Intermodal Transport in Europe

Hans Verkerk | Cathy Macharis | Peter Wolters



The European Intermodal Association (EIA) has commissioned **'Intermodal Transport in Europe'**.

This handbook gives major insights into all aspects of intermodal transport, from production and technology to quality issues, market and policies.



Each of these themes are colourfully illustrated by fact sheets supplied by EIA members and project sponsors regarding their area of activity and their place in the intermodal chain.

Foreword



It is a great pleasure to have been invited to write the foreword for this first European 'intermodal handbook'.

Improving and promoting intermodal transport is a central part of European Transport policy, as set out in our 'White Paper 'European Transport Policy for 2010 - Time to Decide' published in 2001.

Since 2001 road congestion, fuel prices and concerns about global warming have all increased and together reinforce the importance of making better use of Europe's railways, canals and coastal waters for freight transport. More than ever, we need intelligent transport chains that optimise cost, environmental impact and speediness of delivery of products in the internal market and worldwide.

Jacques BARROT,
Vice-President of the European Commission,
Commissioner for Transport



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- Thank you for your attention! -