1) BESTFACT: Best Practice Factory for freight Transport
2) CO3: Collaboration Concepts for Co-modality
3) SUPERGREEN: Defining green corridors
4) SPECTRUM: enhance rail competitiveness in unexploited markets
5) MODAIR: new forum for airports, rail, urban transport

(EIA involvement as partner, board member or via its members)
## Supply Chain Decarbonisation saving opportunities
**World Econ. Forum, 2009**

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<th>Measure</th>
<th>Explanation</th>
<th>Potential abatement (Mt CO2e)</th>
<th>Feasibility</th>
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<td>Improve percentage of total supply chain waste which is</td>
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</table>
1. New EU portal for freight transport best practices

- Intermodality/green logistics; Urban freight; E-Freight
- Aligns with several EC policy initiatives
- Identification, evaluation, dissemination of cases
- Robust methodology MCA
  - (Innovative character; Effect on business & policies; transferability other domains; Cost/Benefits)
- 18 scientific partners
- Board: DHL, IVECO; Port Amsterdam, P&G
2. Collaboration Concepts for Co-modality (‘from CO2 to CO3’)

- Horizontal logistics collaboration between shippers
- Pre-identifying and matchmaking potential flows by neutral ‘trustee’, also to avoid anti-trust
- Increasing vehicle load factors, reducing empty movements and cost, stimulate co-modality
**CO3:** more efficient use of loading capacity; stimulating intermodality

1 out of 4 freight vehicles are running empty. Rest filled only 57% of weight capacity

Based on 2012 Eurostat + EU Environment Agency data, 2010
**HLIB Mission:**
- Review and discuss CO³ milestones and results
- Provide valuable market feedback for development and success of CO³ project
3. Defining Green Corridors

- Benchmarking Green Corridors: policy and R&D recommendations; ‘Green’ technologies; ‘Smarter’ utilisation infra, etc.
- Advisory Board: CER; EC; EIA; ESC; INE; OECD; Polish ministry; VGTU
- EC is planning to use (parts) SuperGreen output for TEN-T policy
- Participating EIA members: DB Schenker, Procter & Gamble

www.supergreenproject.eu
Selected green corridors

SUPGREEN
Supporting EU’s Freight Transport Logistics Action Plan on Green Corridors issues
9 chosen corridors, SUPGREEN work package 2
2010-7-13
SITO Oy
Selection procedure ‘green corridors’
(Various consecutive steps incl. consultation meetings stakeholders)

1. Potential green corridors based on TEN-T network;
2. Pan-European corridors;
3. Identification bottlenecks (...) rail, road, port/terminal infra;
4. Corridor assessment using set criteria:
   - ✓ transport volume
   - ✓ types of goods and multimodality
   - ✓ geographical preconditions
   - ✓ used transport and information technology
   - ✓ supply chain management and transport clients
Last step: identification KPI’s (various supply chain actors/modes)

- Efficiency: KPIs on unit costs
- Service Quality: KPIs transport time, reliability, ICT applications, frequency of service, security & safety
- Environmental Sustainability: KPIs on CO2 & polluters
- Infrastructural Sufficiency: KPIs on congestion & bottlenecks
- Social Issues: KPIs on corridor land use, safety, noise
Investigate new rail intermodal markets (low density, high value, time sensitive freight services) Potential goods:

- Density 230 kg/m³ incl. packaging
- Density higher 230, lower 300 kg/m³, value €0.50 per kg
- Perishable goods (dairy, fresh, frozen fruits, vegetables)

Global trends and demand analysis supported by:

- Procter & Gamble; FrieslandCampina (members EIA).
- Floraholland; Innovatrain; Eurocarex

www.spectrumrail.info
5. New **Forum for airports, rail, urban transport**

- Interconnectivity airports limited to urban transport, few high-speed train stations
- Produce view current state co-modality in airports; provide EC group of experts; identification R&D needs (single ticketing, luggage transfer, luggage transfer etc.)

- Partners: EADS (EU Aerospace, Defence, Space Cooperation); Aéroports de Paris; EIA; Spanish Railways Foundation (FFE); AD Cuenta; Advanced Logistics Group (ALG)
- Advisory Board: AFIF; FRAPORT; IATA; UIC
EIA

Sustainable policies, best practice promotion, intermodal & logistics innovations

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