



Sustainable logistics and co-operation models in Sweden

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TransportGruppen

(Transport Group of Sweden)

- 8 co-operative trade & employers associations, 12000+ member companies
- Swedish International Freight Association (SIFA), Swedish Ports, Swedish Aviation Industry Group is all part of The TransportGroup



The Transport Group

- Two main line of work:
 - 1) Employers issues (agreements, support, legal advice, education etc)
 - 2) Transport & business issues



The Transport Group

Our focus areas regarding transport & business issues:

- Rôle and impact of transport in society
- Climate change & energy in transport
- Transport infrastructure
- Sustainable logistics
- Tourism

Representation i Logistics Forum in Sweden and in European Economic & Social Committee (EU)



The reason for the extra focus on climate gas emissions from transport in Sweden

| <i>Sector</i> | <i>Global</i> | <i>EU15</i> | <i>Sweden</i> |
|---------------------|---------------|-------------|---------------|
| • Energy production | 25% | 25% | 13% |
| • Transport | 13% | 21% | 31% |
| • Housing | 8% | 16% | 8% |
| • Industry | 14% | 26% | 32% |
| • Agriculture | 14% | 9% | 13% |
| • Forestry | 17% | + | + |
| • Waste | 3% | 3% | 3% |

Of swedish transport emissions is ca 10% freight transport related



Public-private co-operation in logistics & transport policy

Driving forces:

- Swedish tradition of dialogue & consensus
- Swedish long time focus on export industries
- Swedish entry into EU 1995
- New dominant multimodal logistics operators



Public-private co-operation in logistics & transport policy

Several public forums for dialogue have contributed, with participation from shippers, providers, administrations and academia:

- Freight Transport Delegation 1998-2001
Common outlook & general Swedish strategy
- Freight Transport Delegation II 2002-2004
Intermodal strategy, R&D etc
- Ports & terminals investigation 2005-2006
Strategic nodes etc.



Governments Logistics Forum

- Since 2007
- Chaired by Minister of Transport
- 20+ representatives of shippers, logistics providers and researchers



Governments Logistics Forum

Areas of work:

- Swedish EU chair 2009 preparation
- Infrastructure planning advice
- Green Corridors project
- City logistics project
- Transport R & D advice



Why are this dialogue so valuable?

- Common outlook on problems
- Better knowledge of logistics function and conditions at political level
- Easier and more trustworthy discussion of important issues
- Climate impact can only be solved through co-operation of all actors in logistics chain

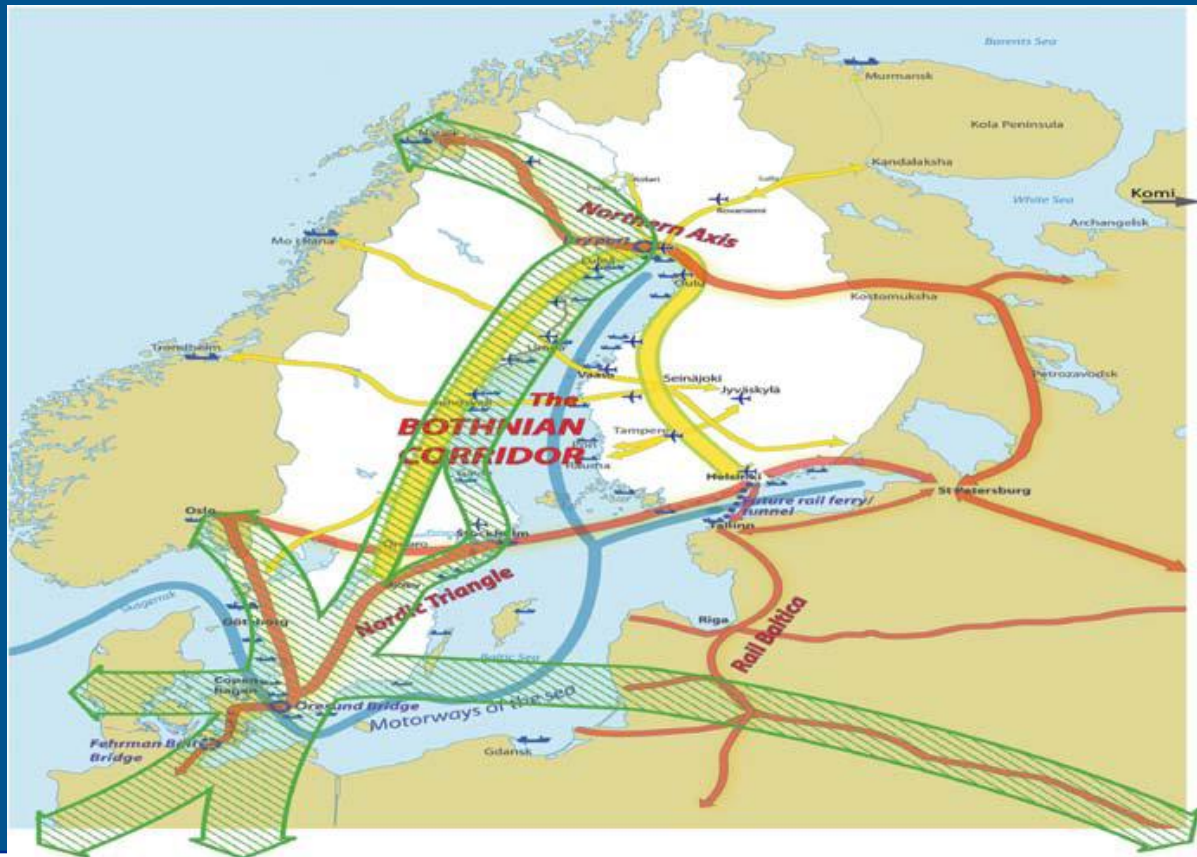


Green Corridors - The Swedish initiative

- Initiative from Transport Group in Logistics Forum spring 2008
- Scandinavia-Continent suitable corridor? Concentrated flows + many parallel modes = benchmark opportunities!
- Common interest from industry and authorities for sustainable logistics and advanced IT = innovation platform!
- Logistics Forum support May, Kick-off October 2008. Co-operation Ministry, Authorities and Private sector (shippers, transport operators, vehicle manufacturers)



Green Corridors the nordic way: "Co-modal goods flows rather than concrete and steel infrastructure"





The Swedish Governmental Commission for Green Corridors

- Co-operation between Swedish Transport Administration, Swedish Maritime Administration & VINNOVA (Swedish Governmental Agency for Innovation Systems) (joint secretariat) + Logistics Forum, Transport Group & Swedish Shippers Council
- Runs 2010-2012
- The task:
 1. Monitor and initiate development of new effective & sustainable (long haul) transport solutions
 2. Establish at least one Green Corridor to/from the Nordic countries
 3. Collect & disseminate info on Green Corridors concept



Our description of Green Corridors

- sustainable logistics solutions with documented reductions of environmental and climate impact, high safety, high quality and strong efficiency
- integrated logistics concepts with optimal utilization of all transport modes, so called co-modality
- harmonized regulations with openness for all actors
- concentration of national and international freight traffic on long transport routes
- efficient and strategically placed trans-shipment points, as well as an adapted, supportive infrastructure
- a platform for development and demonstration of innovative logistics solutions, including information systems, collaborative models and technology



What have we done so far?

- Identification of 200+ relevant R&D or projects, "matching" with business cases to create demos
- Film on project on national TV in Sweden
- DEMO Days once a year (next Malmö 12 december)
- Oslo-Göteborg-Copenhagen-Hamburg-Rotterdam first corridor incl "demo platform"



*Infrastructure, planning,
financing, priorities,
pricing, wear& tear, ...*

**Corridors
links &
nodes**

**Policies &
legislation**

Technology

**Transport
solutions**

*Logistics
chains,
Business
models,
processes,
safety &
security,
competence
develop-
ment,...*

*Handling
equipment,
engines,
fuels, ITS,
IT,
positioning
techniques*



Green Corridors Criterias KPI system

Handbook for measuring performance in transport chains door-to-door (co-modal, including terminals)

Measurement of energy and environmental impact:

- Global (greenhouse gases, fossil fuel)
- Regional (NO_x, SO_x)
- Local (HC, PM)

Both in relative and absolute figures





Green Corridors

Why this interest from the private sector?

- Sustainable AND effective logistics is a crucial factor for our future competitiveness
- Early interest and experiences in these matters in Nordic countries could be an advantage
- Private-public cooperation is necessary for credible solutions
- Common measurements and KPI´s strengthen our credibility
- Green Corridors can highlight on-going work in our companies and R&D
- Green Corridors can support cooperation and financing of such work



Thanks for listening!

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