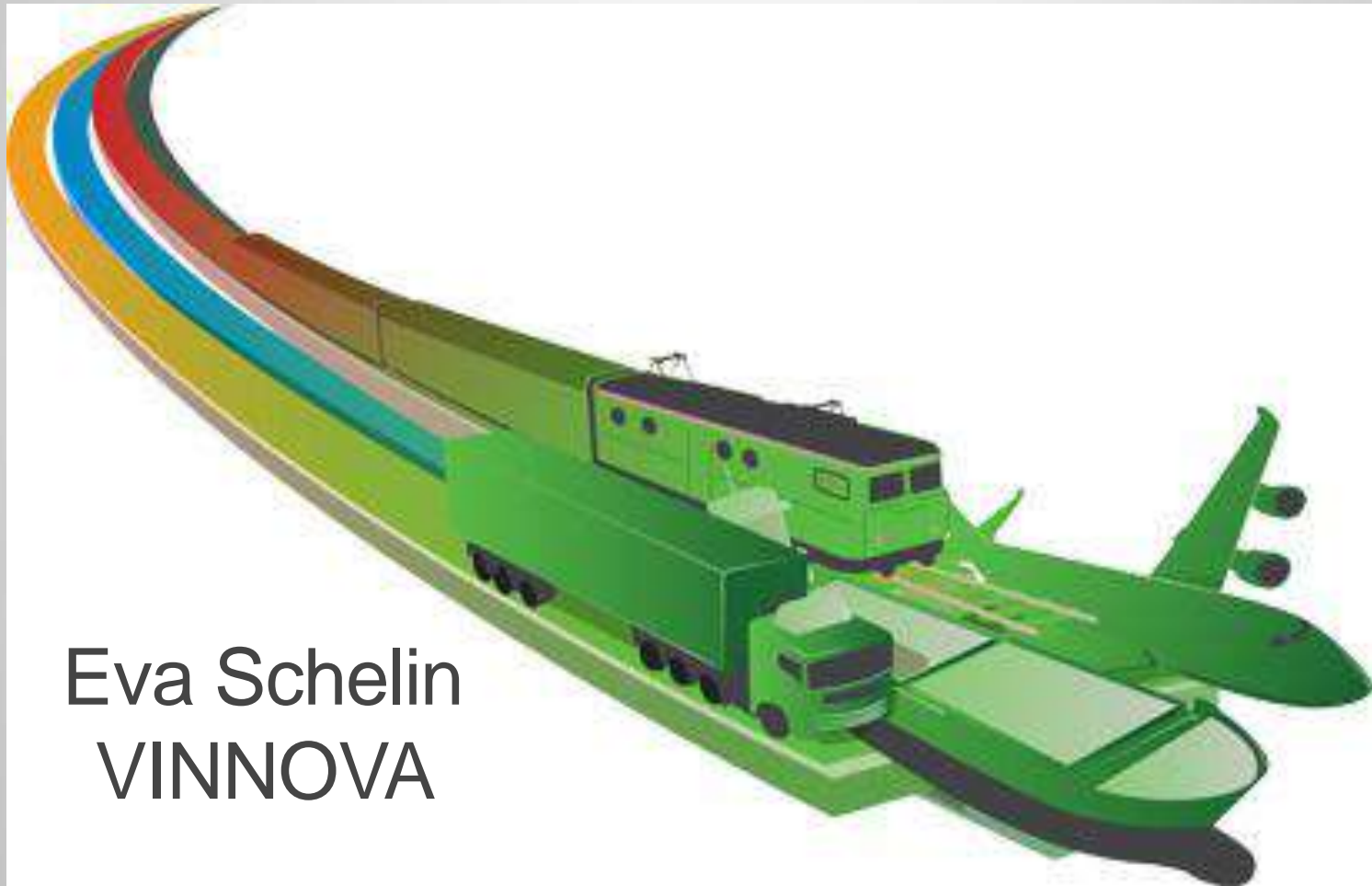


The Swedish Green Corridor Initiative



Eva Schelin
VINNOVA

THE SWEDISH GOVERNMENTAL COMMISSION FOR GREEN CORRIDORS

- Was established in October 2010 by the Swedish Government
- Goal: enhance and speed up the implementation of Green Corridors in Sweden
- Three transport authorities in charge:
 - Swedish Transport Administration
 - Swedish Maritime Administration
 - VINNOVA - Swedish Governmental Agency for Innovation Systems
- This commission runs until the end of 2012.
- The work towards greening the transport system continues...



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 utilisation of all transport modes, so called co-modality
- harmonised regulations with openness for all actors
- a 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.

Goals and tasks:

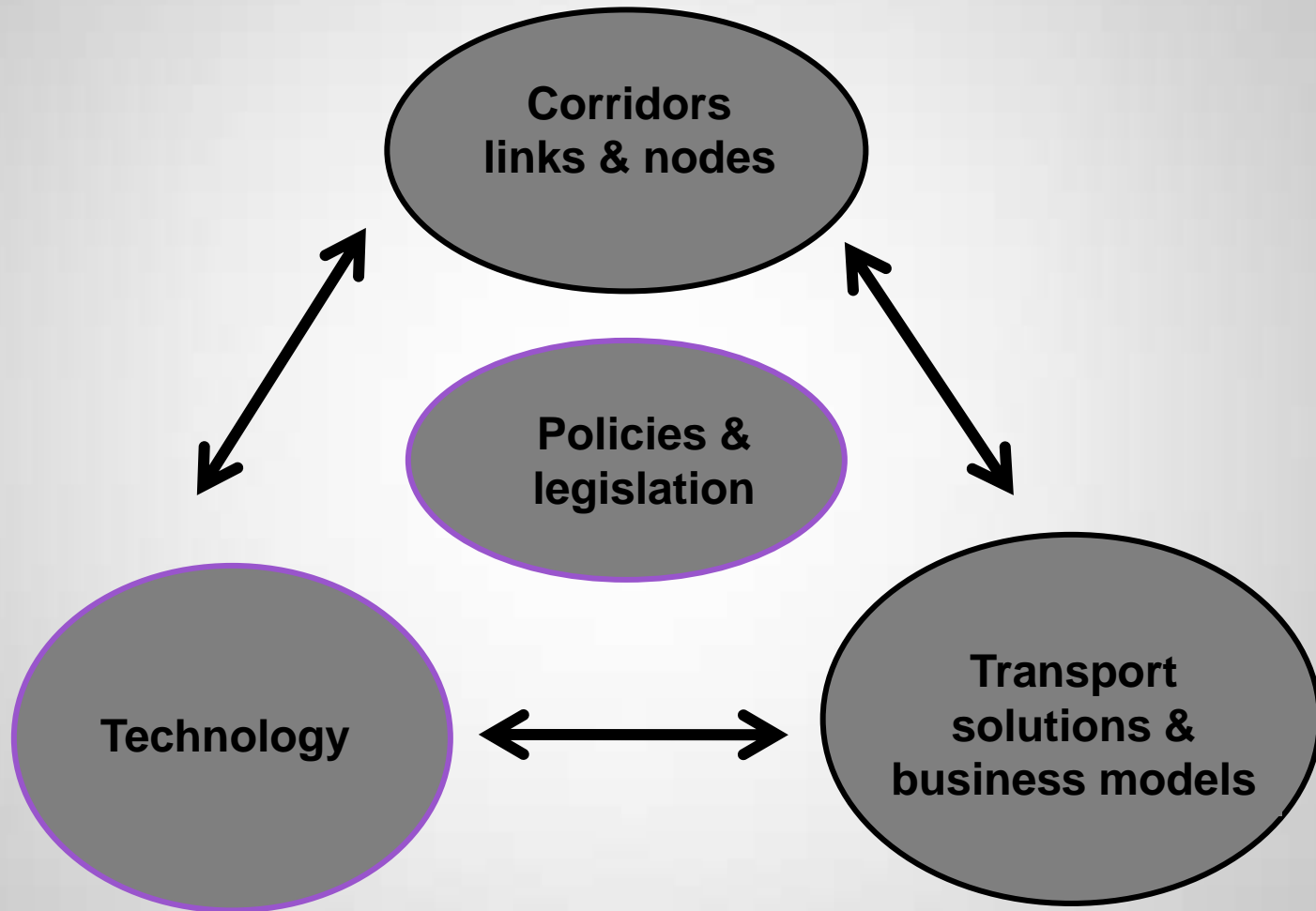
- ***To demonstrate efficient transport solutions by joining forces to upgrade ongoing transport efforts***
- Inventory of on-going and planned Green Corridor projects in Sweden and further abroad.
- Usage of the Green Corridor concept as a basis for innovation, (infrastructure, technology, business models and institutional issues)
- Support of research and innovation
- Development of Green Corridor Criterias (environmental performance indicators)



Main tasks

- Establish international partnerships aiming at developing the freight corridors connecting the Nordic countries to the rest of the world.
- Promote the development of green corridors in EU transport policy.
- Stakeholder activities, Outreach activities; conferences, papers, media etc.
- Demo day planned 22 September 2011 in Gothenburg

The Corridor Model – basis for innovation



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

**Corridors
links &
nodes**

**Policies &
legislation**

Technology

**Transport
solutions &
business models**

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

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

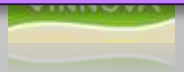
94	NOVATRIN roro wagon			
	TFK-projekt			
95	Förstudie samlastningsterminalen...	TFK		Föresenat, pågår Com 2011 Föresenat, pågår Com 2011

50	Säker parkering Statoil Brändåsen			Nyhet på Trailers hemsida
51	Effektiv forsling till/från kombiterminal över korta avstånd			
52	GREEN RATE			
53	NeedL - Grön korridor Hallsberg -Maschen			NeedL, Forskarstödd affärslogistisk utveckling i Örebroregionen
54	OMEGA			Hemsida
55	Intermodal Danmark-Småland			

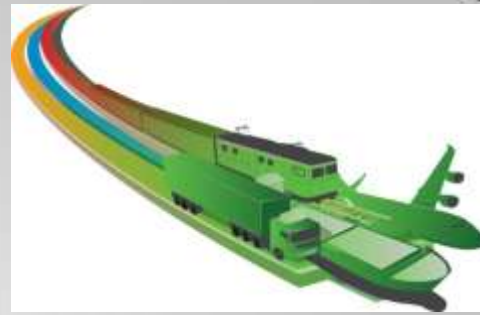
	NY genomgång			
26	Green Road Freight Corridors ver 2			Hemsida FFI
27	Super Green (EU project entitled "Supporting EU's Freight Transport Logistics Action Plan on Green Corridors Issues" (abbreviated name "SuperGreen"))		Coordinated Action supported by the European Commission (DG-TREN) in the context of the 7th FP. The purpose of the project is to promote the development of European freight logistics in an environmentally friendly manner.	2010-2013
28	Distribuerad reglering av fordonståg			Hemsida FFI
29	Duo 2		Fortsättning på Energieffektiva fordonskombinationer / Duo-trailer och MaxiCube Steg 1-Modulsystem för Volymtransporter: 1-3 Växefflak 7,82 x 3,2 m	
30	MaxiCube Steg 1-Modulsystem för Volymtransporter: 1-3 Växefflak 7,82 x 3,2 m			Hemsida FFI

Sammanställning projekt Gröna Korridorer				
Projektnamn	Medverkande	Beskrivning	Status	
1	Utvärdering av intermodala transportkedor	KTH Järnväggruppen Chalmers Transportlogistik TFK Borlänge och Stockholm	Klart	
2	Endrago	TFK Stockholm m.fl.	Duo lok el och diesel Klart WS genomförd	
3	Porthand	TFK Stockholm m.fl.	Effektivisera hantering av gods i hamnar Rapport utdrag klart +fortsättningsprojekt på gång, vissa spår valda	
4	El utan tråd	TÅGAB och Maria Haag fd Banverket	Prova vanligt RC-lok vagn med diesel och elgenerator Ej kommit igång finns ej dieselgenerator med den strömstyrka som krävs på järnväg	
5	Kombisäkring		Regelverket, säkra godset på järnväg, likna vid vägtransport för att öka effektivitet, ändra föreskrifter	
6	Hindtag	TFK	Volym, fyllnadsgraden med annat gods	
7	Huvudvägsmät för tunga transporter	fd Vägverket		
8	Tunga låg - Gröna korridorer för svensk exportindustri	fd Banverket TFK	Gröna korridorer för Svensk exportindustri	
9	Gröna godstransporter	KTH Järnväggruppen		
10	Ersätt med Sammodalitet i trafiken-VTI Marathon-EU			
11	Köningslinje Trelleborg - Sassnitz	Motorway of the Sea	Stort EU projekt öka kapacitet i och utlastning, dubbelspår på färjor marinadsflöden mm landanslutning, pågår till 2013, Trelleborgs hamn intressant för Sv del.	
12	Fast Cargo	Sten Lövgren	EU projekt prototyp för att flytta kontainers	
13	Vridbänksvagnskombi	?		
14	East West Transport Corridor	Region Blekinge is the Lead Partner. Around 70 partners from Sweden, Lithuania, Germany, Russia, Italy, China and Denmark	East West TC II project will highlight the development of a "Green Corridor Concept" as a best practise case in the European context. The total budget is about 6 MEUR.	
15	En travé till	Kogfors, Vägverket, Volvo	Virkestansporter tyngre fordon i norr	
16	Högländsterminalen	Hector Rail Cargo Net	Intermodal Danmark Småland Hupac-Banverket	
17	Inter SYS -RFID		ID track n Trace	
18	Easyway/Viking	Delfinansierat av EU TEN-T	ITS projekt 25 länder 2007-2013	
19	MINT - Model and decision support systems for evaluation of intermodal terminal networks	Jonas Flodén, Fredrik Bärthel, Handelshögskolan Göteborgs Universitet	Modell för att räkna på var terminaler placeras med avseende på kostnadernytta etc.	
20	ISTRA - Innovativa intermodala transportsystem för semitrailers	TFK	Slutrapport publiceras hs TFK början av Jan 2011	
21	Uppställningsplatser o rastplatser		Tre regioner i samverkan skapar två demoanläggningar för "Rekommenderad uppställningsplats för lastbilar". Detta kan eventuellt ha bäring på gröna korridorer.	
22	KNEG- Klimatneutrala vägtransporter	KNEG (Gbg-baserad sammanslutning)	projektportfölj med hållbarhet och klimat	
23	Eurobridge/Anglobridge	Info saknas		
24	One Stop (Intertrac, Rosteds Åkeri)			
25	Klimatoptimerad intermodal transport Göteborg-Stockholm	GC, Volvo, Scania		

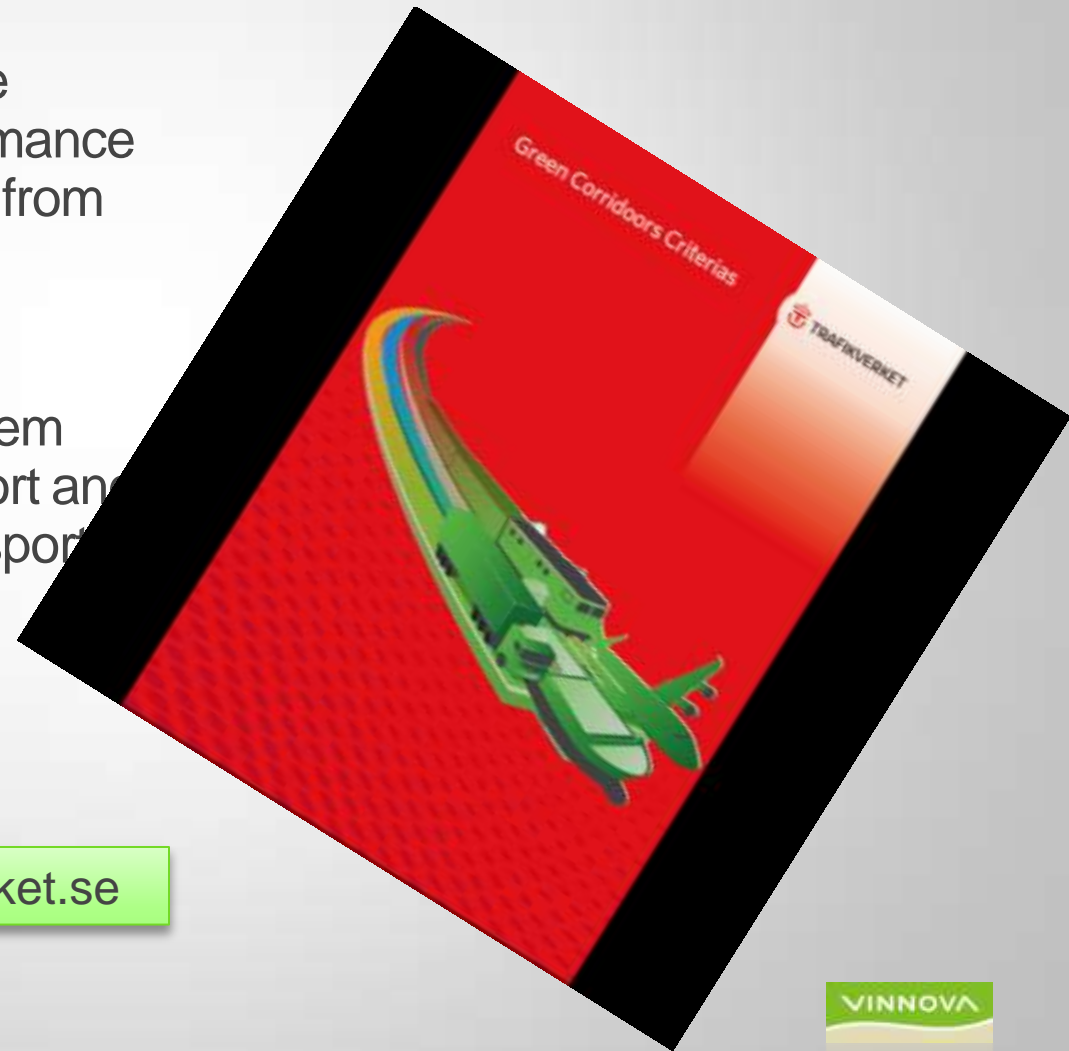
Inventory of ongoing projects, Measure with performance indicators Gap identification, R&I financing



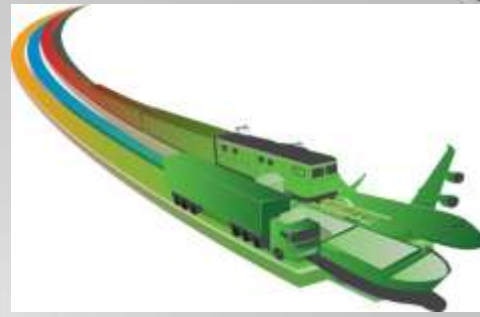
The aim of the proposed key performance indicators



- ... is to efficiently evaluate the overall environmental performance for a freight flow in a corridor from sender to consignee.
- The evaluated transport system includes all modes of transport and terminal handling in the transport chain.



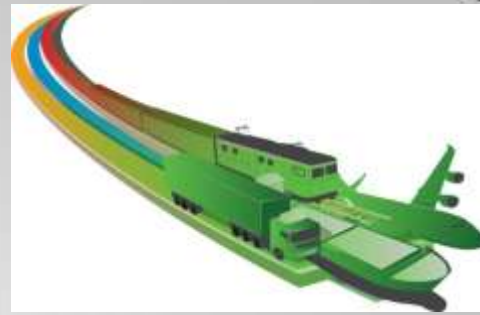
www.trafikverket.se



Measurement criteria

Green corridors, including links and nodes, aims at enabling large scale transport solutions through sufficient infrastructure and supporting regulations in order to accomplish economic development through efficient transport logistics regarding;

- cost
 - environment
 - quality
 - traffic safety
 - vulnerability risks
-
- This criteria document presents criteria's for the environmental performance

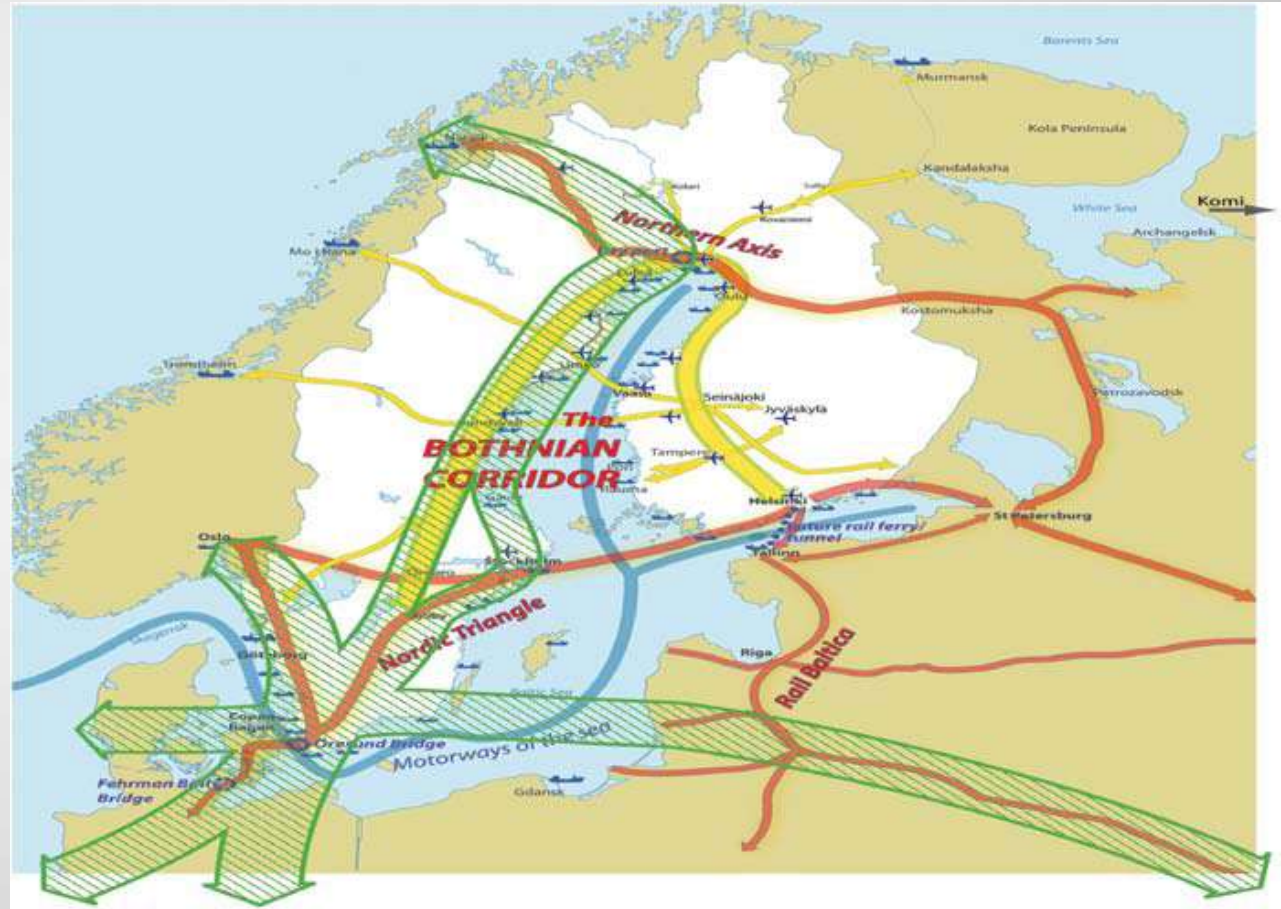


What is measured?

	Local (PM, HC)	Regional (NO _x , SO _x)	Global (GHG)	Energy (Fossil)
Relative numbers				
Absolute numbers				

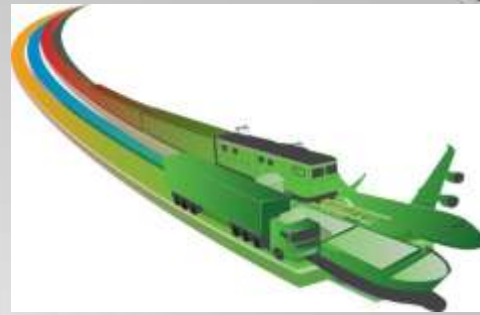
Establish international partnerships aiming at developing the freight corridors connecting the Nordic countries to the rest of the world.

- Oslo – Rotterdam
- Narvik - Naples



Demonstration Day

22 Sept. 2011



- Identify existing projects and results
- Initiate new strategically interesting demo projects
- Communicate demo results

- Close cooperation with
 - Goods owners and industry
 - Transportation Companies,
 - Universities and researchers
 - Authorities

To summarize:



- Commission is formed and work is on-going
- Two pilot corridors in Sweden in planning
- Inventory of GC projects, identification of gaps
- Calls to cover need for research and innovation
- Performance criterias are agreed on and being communicated
- Information, dissemination
- Demo day 22 Sep. in planning

Thank you!

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