

Green corridors as a forerunner of sustainability

Example Bothnian Green Logistic Corridor

Brussels, 30 May 2012

Jerker Sjögren
Programme Manager, CLOSER
Lindholmen Science Park



LINDHOLMEN
SCIENCE PARK

CLOSER –

A necessary mobilization

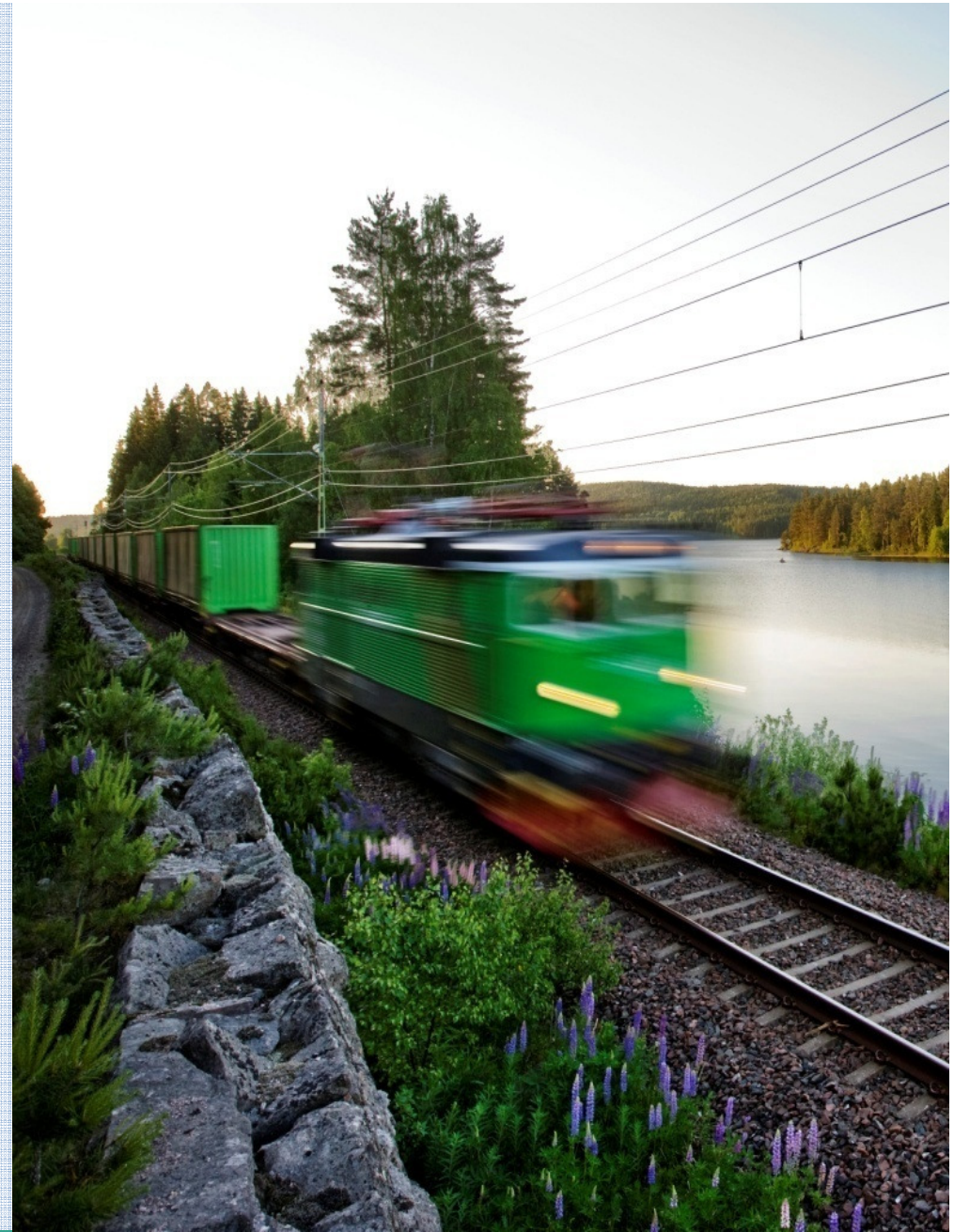
- The research is not focused enough
- The industry participate to late
- Few EU projects with Sweden as leader
- There are gaps in the innovation chain
- Few new innovations reach the market



Green Corridors
is a European
Commission
initiative aiming at
strengthening the
logistics industry's
competitiveness and
create **sustainable**
solutions.



Green Corridors will enable **large-scale** and **long-term** transport solutions through **well-operated and attractive** infrastructure and supportive regulatory framework.

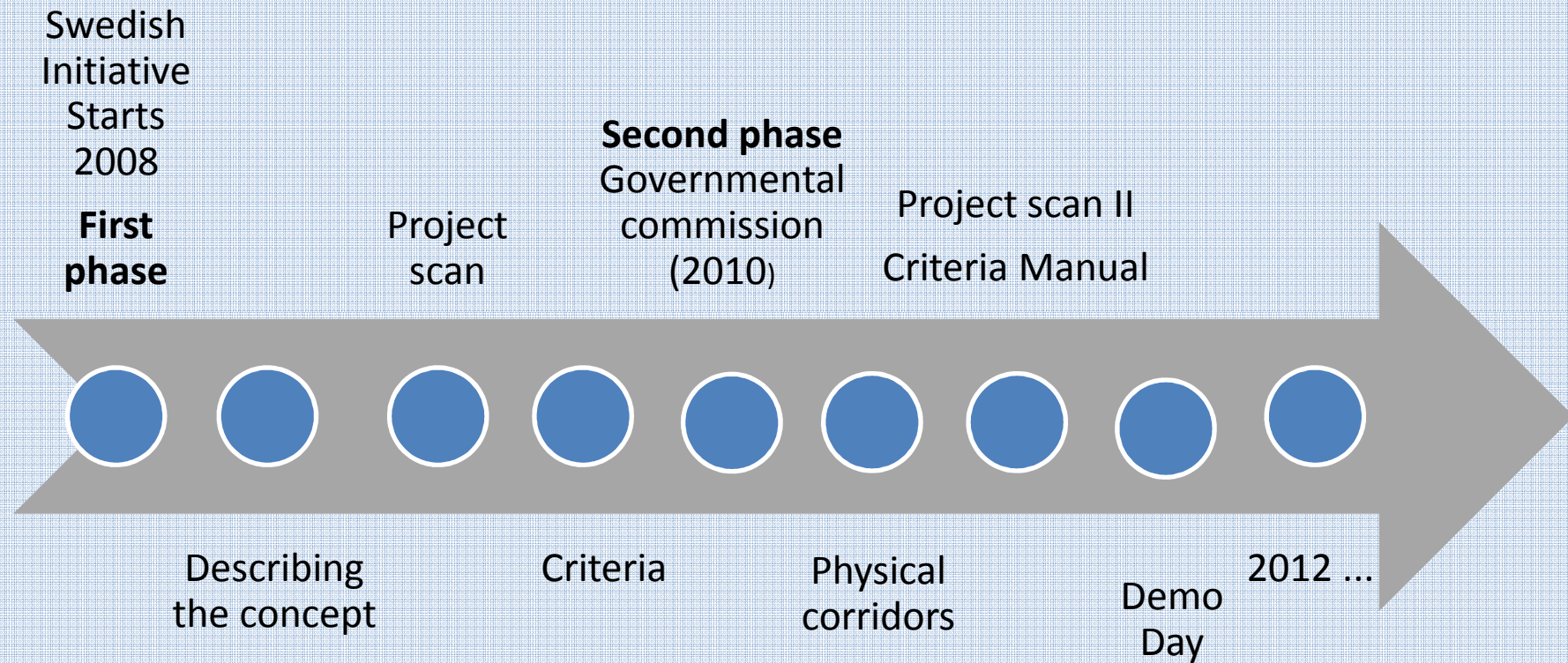


What is a Green corridor?

- 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
- Harmonized regulations with openness for all actors
- A concentration of national and international freight traffic on relatively 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



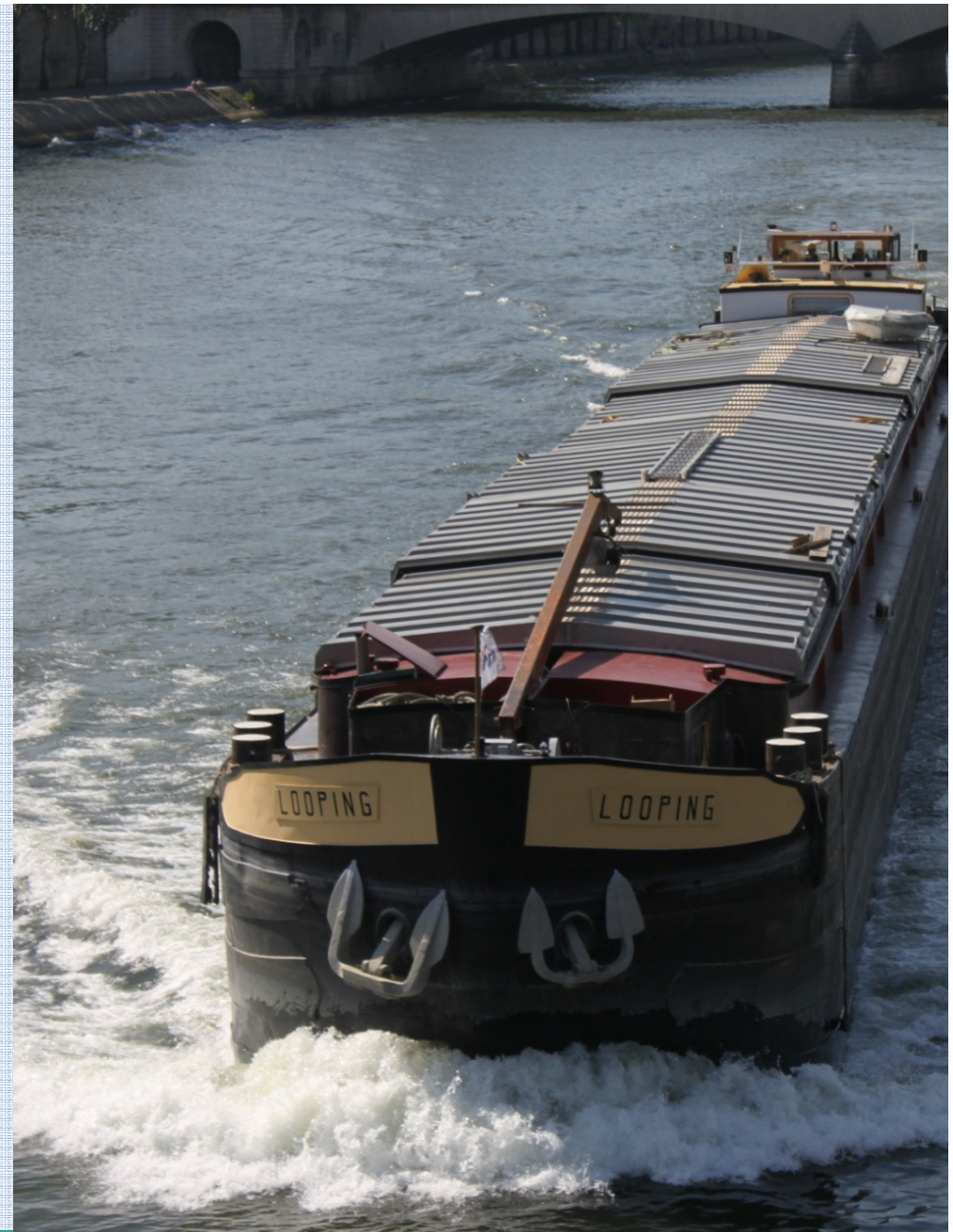
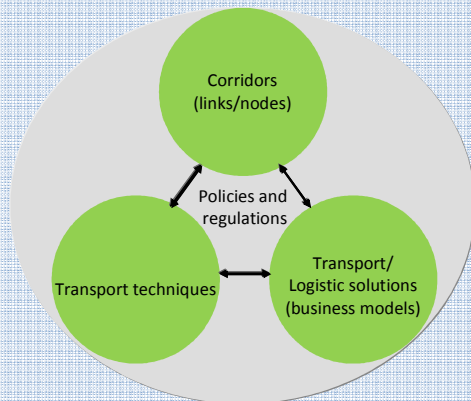
History



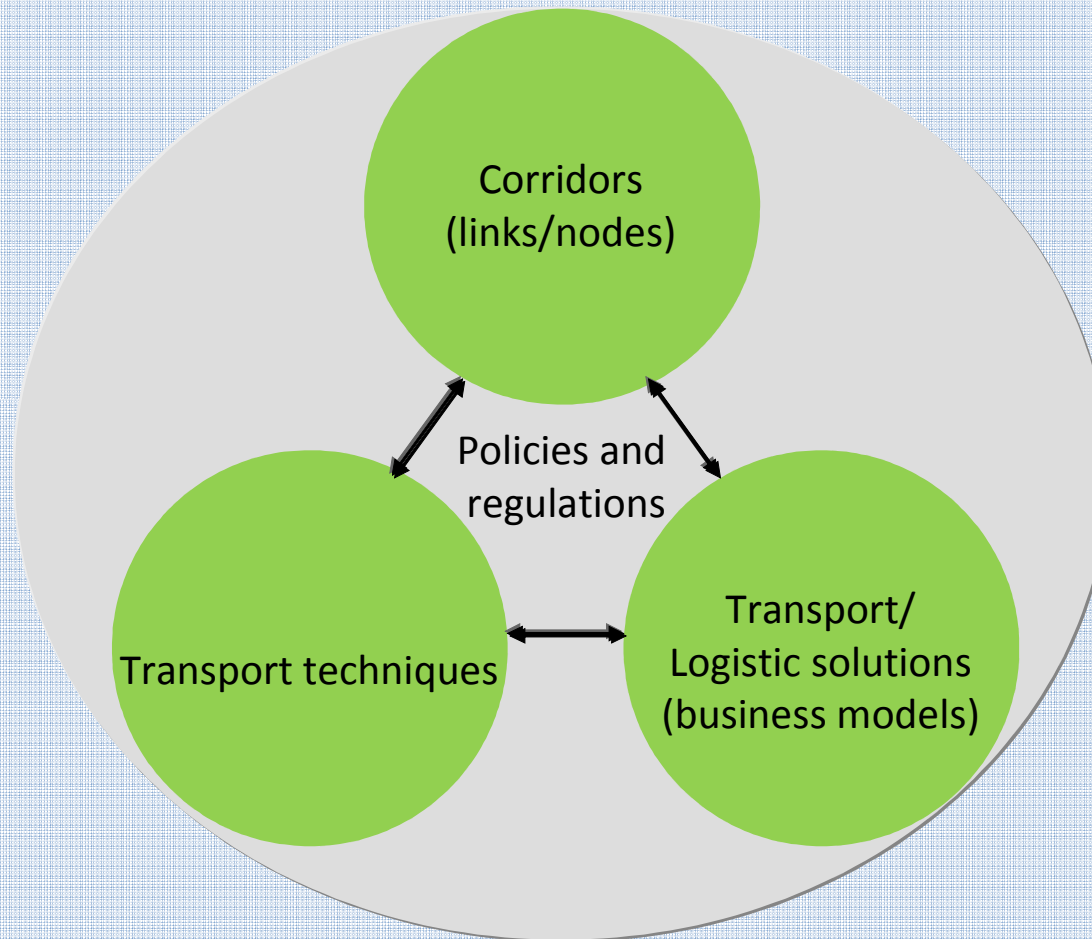
Mapping of projects – an update

List of "research" projects
containing 150-200 projects
– from this list we will identify
"white spots".

- Spread knowledge
- Contacts
- Basis for starting projects needed

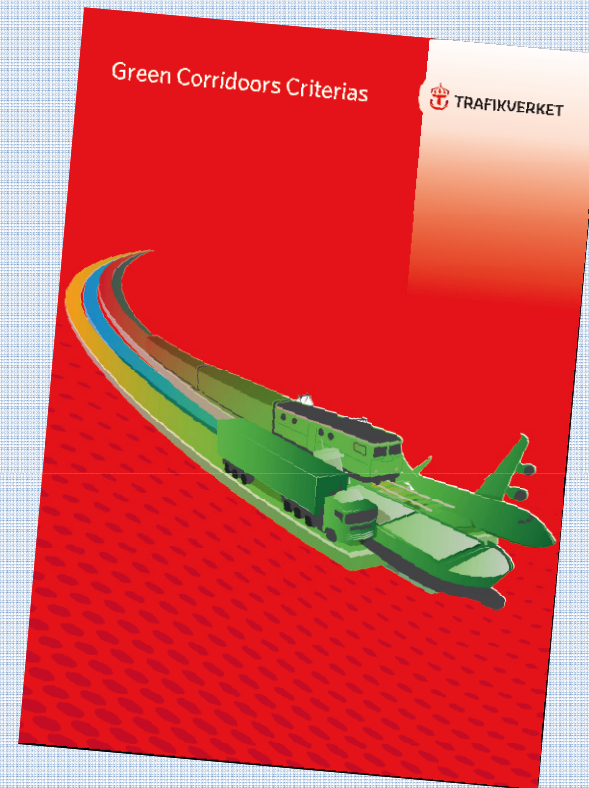


Types of projects



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.
- This criteria document presents criteria's for the environmental performance.



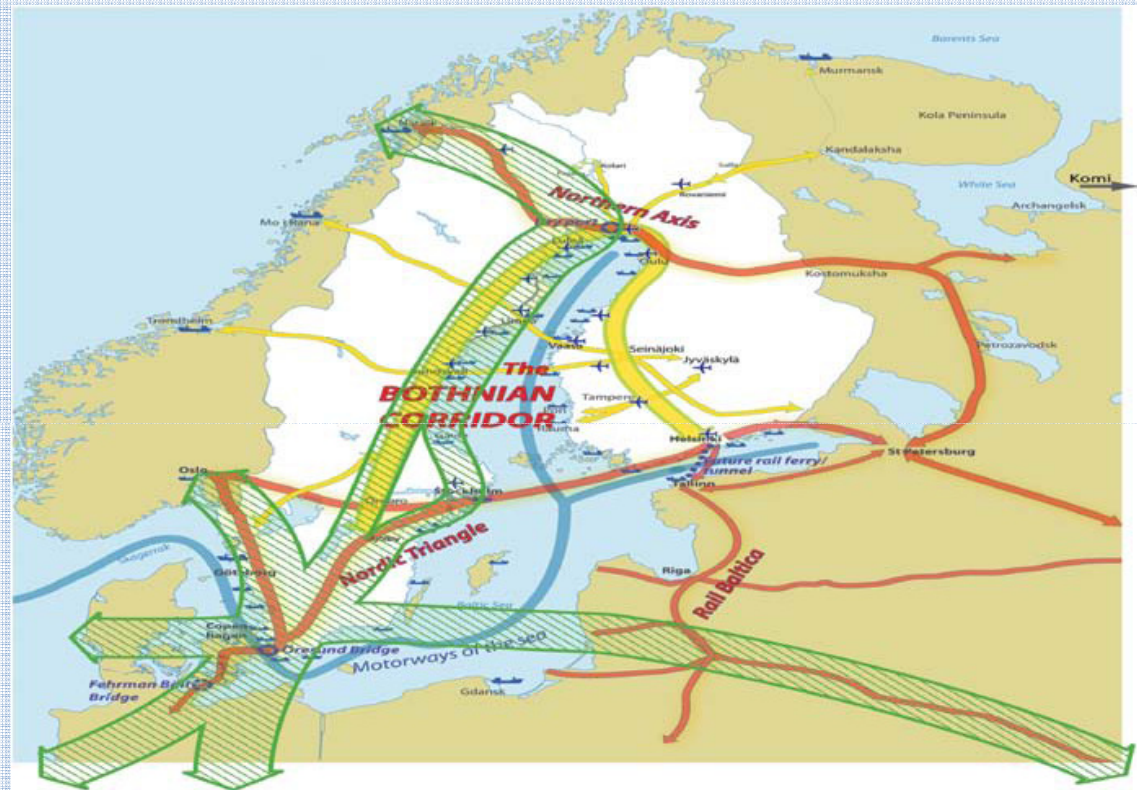
What is measured?

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



Focus on two corridors

- Oslo – Rotterdam
- Narvik – Neapel



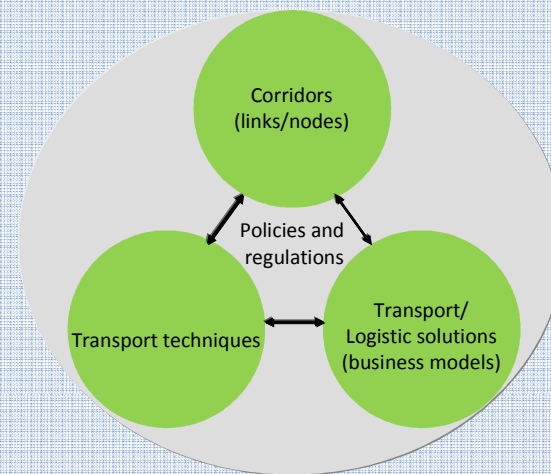
One corridor before 2013

- *Try to establish one corridor before 2013*
- *Begin with Oslo-Rotterdam*
- *Opening ceremony 2012.12.12 at 12.12 pm*
- *Letter of intent for 5 countries and several other actors*
- *Describe what to do to make that corridor more effective and to cause less pollution*
- *A platform for development and demonstration of innovative logistics solutions*
- *Annual conferences to follow up commitments that have been made*



Demonstration day

- Why?
 - To help us to take the concept from desktop to reality
 - To spread good ideas
 - To make contacts
- 2012.12.12



Demoprojects 2011

- *Dryport*
- *Katrineholm terminal*
- *Volvo LED-car*
- *ETT*
- *Renova – methane gas*
- *Posten – DME diesel*
- *Volvo/Scania and Victoriainstitutet – platooning*
- *Scania – driver support*
- *Electric roads*
- *Maersk*
- *Göteborg harbor/Renova/Volvo*
- *Monalisa*
- *Preem diesel*
- *EWTC II, Scandria and TransBaltic*





**Bothnian
Green
Logistic
Corridor**

TRANSPORT SOLUTIONS FOR EUROPEAN ADDED VALUE



REGION
VÄSTERBOTTEN



Baltic Sea Region
Programme 2007-2013



LINDHOLMEN
SCIENCE PARK

29 PARTNERS IN 5 COUNTRIES

- 12 regional authorities
- 5 cities
- 2 national authorities
- 6 ports
- 2 associations
- 2 universities

Budget: 4,8 million €



Baltic Sea Region
Programme 2007-2013



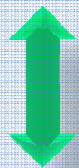
REGION
VÄSTERBOTTEN



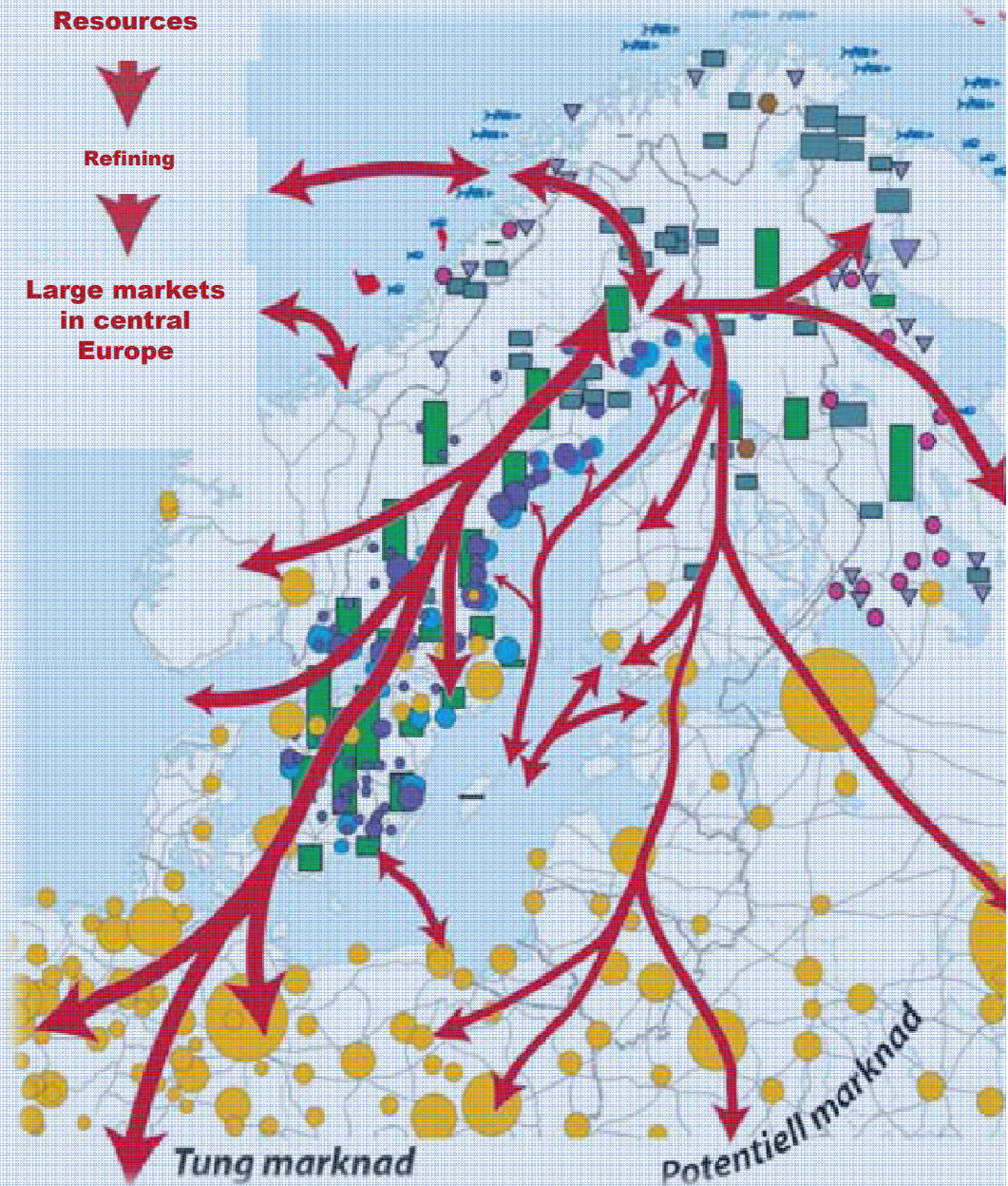
LINDHOLMEN
SCIENCE PARK

INCREASED INTEGRATION

Natural resources and
industrial production in
northern Scandinavia



Industrial chain & end
markets in Europe



EFFECTIVE USE OF EXISTING INFRASTRUCTURE

Economic, green & smooth

- improved co-ordination between transport modes – co-modality
- business models, networks & business clusters
- defining the strategic nodes & links
- testing & piloting of logistic systems & technical solutions
- dissemination, networking & stakeholders forum



SEAMLESS GREEN CORRIDOR

Swedish Transport Administration

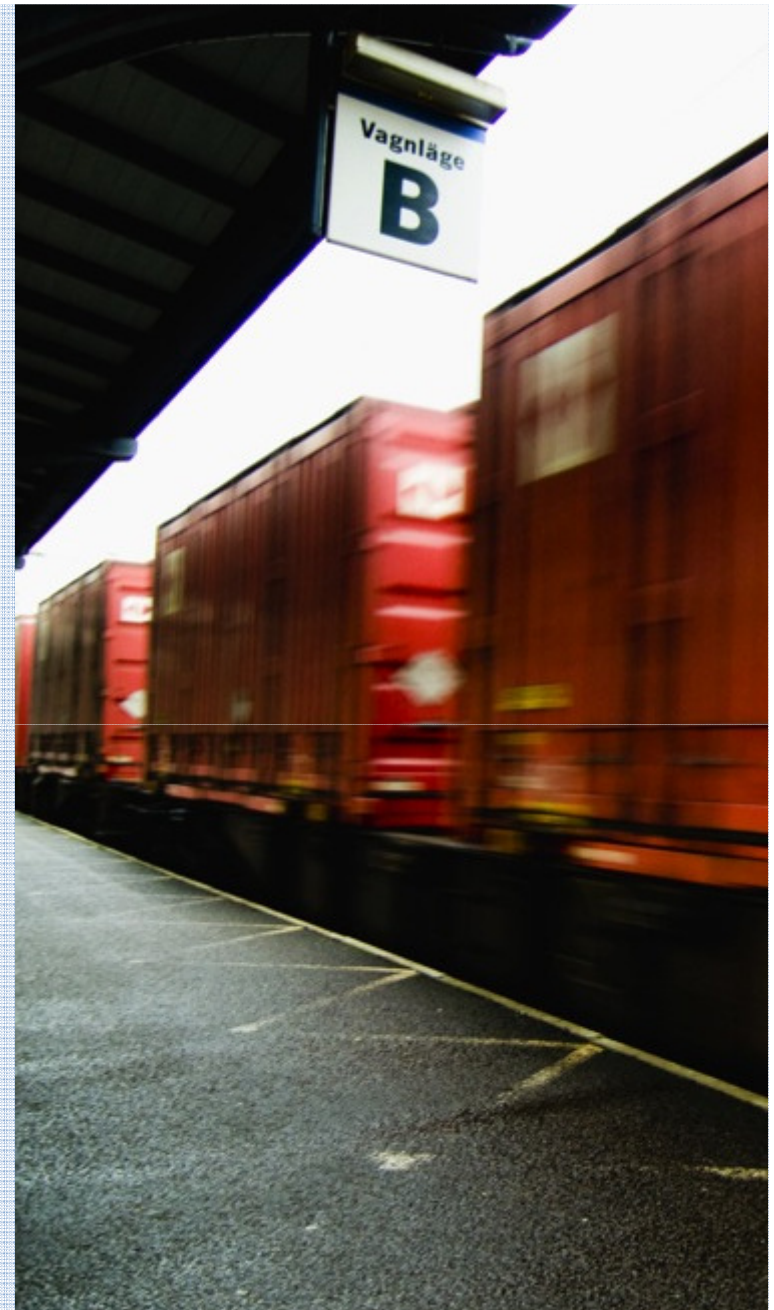
- Green corridor concepts
- Study cargo volumes & traffic flows to identify traffic related bottle necks
- Technology for flexibility between modes - Inter modality
- Development of dry port concepts



BUSINESS MODELS & PILOTS

Nordland Fylke

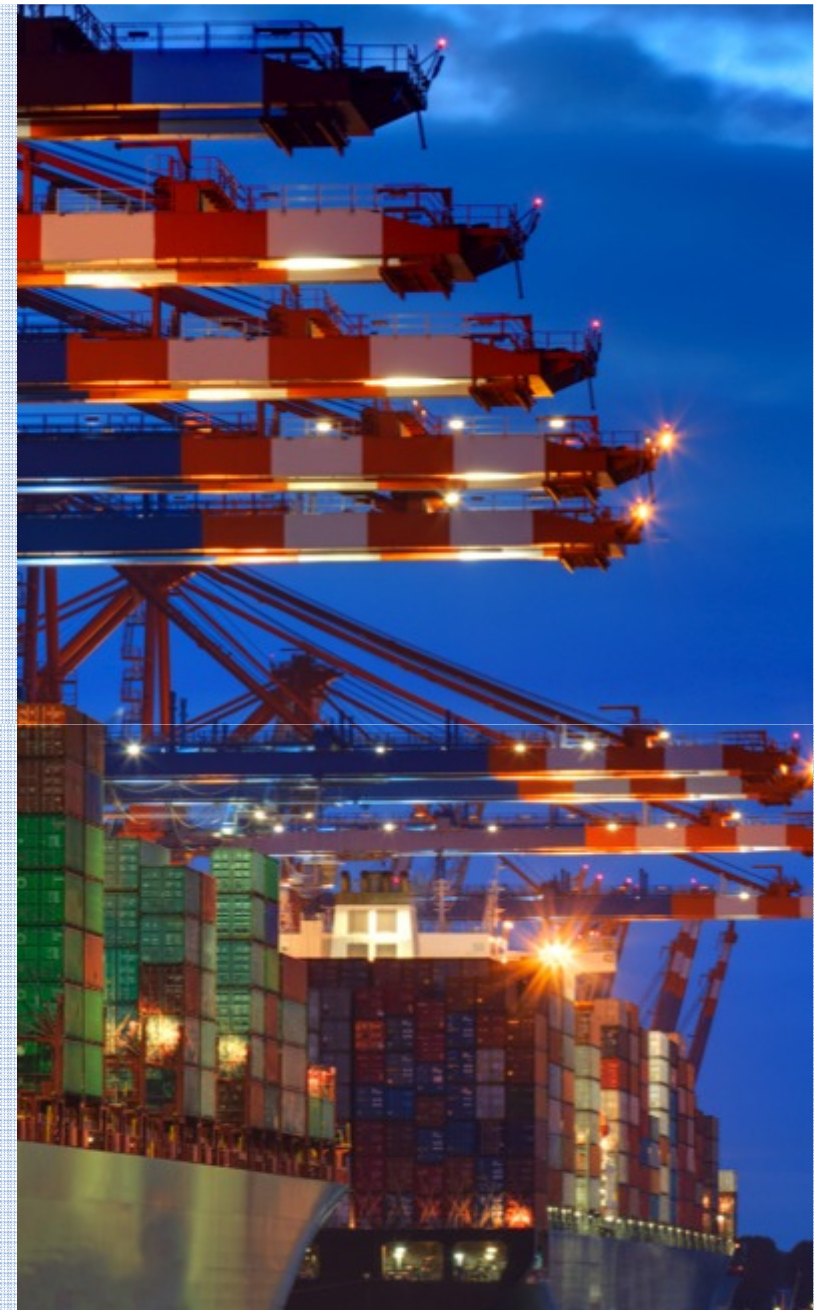
- Development of new services & business models for the actors along the corridor
- Find & introduce good examples for new markets
- Logistic pilot North Norway – Central Europe



TRANSPORT STRATEGY & LOGISTIC NETWORK

City of Sundsvall

- Market study for logistic business opportunities
- Development of market concepts
- Trans national logistic network
- BGLC transport strategy



Thank you for listening!

Jerker Sjögren

Programme Manager, CLOSER
Lindholmen Science Park

jerker.sjogren@lindholmen.se

Phone +46 31 764 70 02



LINDHOLMEN
SCIENCE PARK