TRANSBALTIC-PROJECT

WP 5.1 DRY PORT DEVELOPMENT

PARTNERSHIP MEETING
13.9.2011 RIGA

Project part-financed
by the European Union
(European Regional Development Fund)

Baltic Sea Region
Programme 2007–2013

CONTENT OF THE PRESENTATION

1. CURRENT WORK

2. PLANNED ACTIVITIES

3. DISCUSSION

Project part-financed
by the European Union
(European Regional Development Fund)

Baltic Sea Region
Programme 2007–2013

CONTENT OF THE PRESENTATION

1. **CURRENT WORK**

2. PLANNED ACTIVITIES

3. DISCUSSION

Project part-financed
by the European Union
(European Regional Development Fund)

Baltic Sea Region
Programme 2007–2013

CURRENT WORK

ALL THE SITES PARTICIPANTING WP 5.1. DRY PORT DEVELOPMENT HAVE FOLLOWED THE PLANS PRESENTED AND ACCEPTED IN THE THIRD STEERING COMMITTEE MEETING (HAMBURG 22.11.2010)

- **HAMBURG (PRE-GATE SYSTEMS)**
- **W-M REGION (FEASIBILITY STUDIES)**
- **POZNAN (FEASIBILITY STUDIES)**
- **UMEÅ (TOWARDS PRODUCTION USE OF DRY PORT)**
- **LAHTI (TOWARDS PRODUCTION USE OF DRY PORT)**

ALL SITES READY TO PRESENT RESULTS IN THE BEGINNING OF 2012

Project part-financed by the European Union (European Regional Development Fund)

Baltic Sea Region Programme 2007–2013

CONTENT OF THE PRESENTATION

1. CURRENT WORK

2. **PLANNED ACTIVITIES**

3. DISCUSSION

Project part-financed
by the European Union
(European Regional Development Fund)

Baltic Sea Region
Programme 2007–2013

PLANNED ACTIVITIES

1. **FINALIZE THE SITE STUDIES AS PLANNED AND REPORT**

2. **CONTRIBUTE TO THE RECOMMENDATIONS GIVEN BY THE PROJECT**

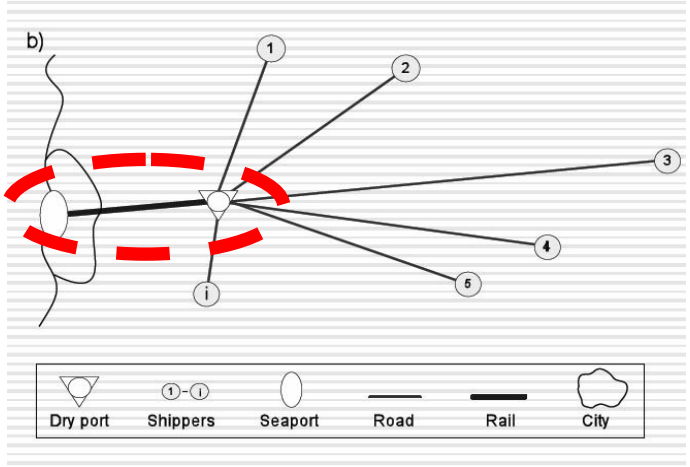
Project part-financed
by the European Union
(European Regional Development Fund)

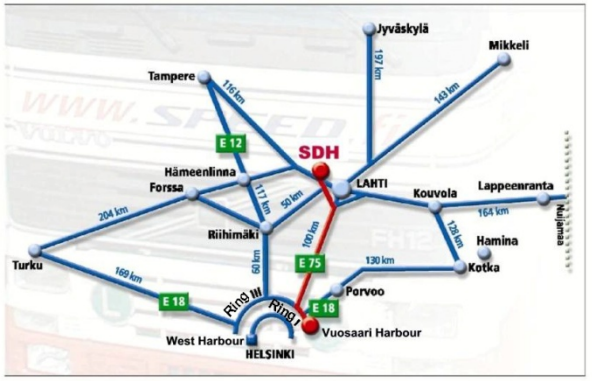
Baltic Sea Region
Programme 2007–2013

CONTRIBUTION TO THE RECOMMENDATIONS …

DRY PORTS

- **Concept beneficial for ports, hinterland areas, transport & logistics companies**
- **BUT it also supports EU co-modality and cohesion objectives (could be a component of the TEN-T network)!**
- **4 testing sites: Lahti (FI), Västerbotten (SE), Warmia-Mazury (PL) and Wielkopolska (PL) following experience from the North Sea Region and Port of Gothenburg**
- **Purpose: help establish dry ports in specific local conditions**
- **The process** (*current stage in red*)**:**
  - **Study experience of existing dry ports in Europe (success factors, suitable layout, catchment areas, use by SMEs etc.)**
  - **Create clusters of companies interested in infrastructure/service improvements**
  - **Plan, perform and evaluate demonstrations in selected sites**
  - **Compare and disseminate benefits in the network**
- **Results: pre-feasibility studies, master plans (Lahti), port-dry port service tests**





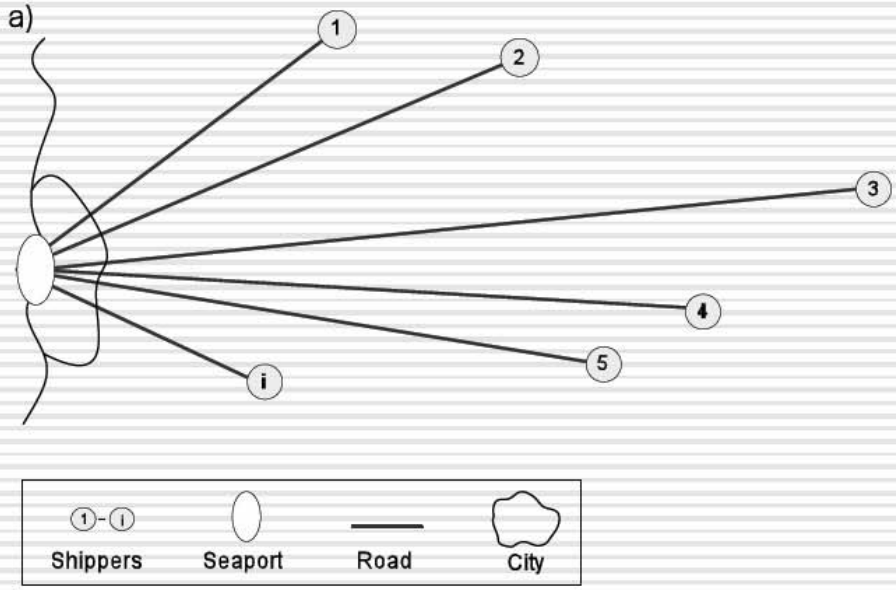
Project part-financed by the European Union (European Regional Development Fund)

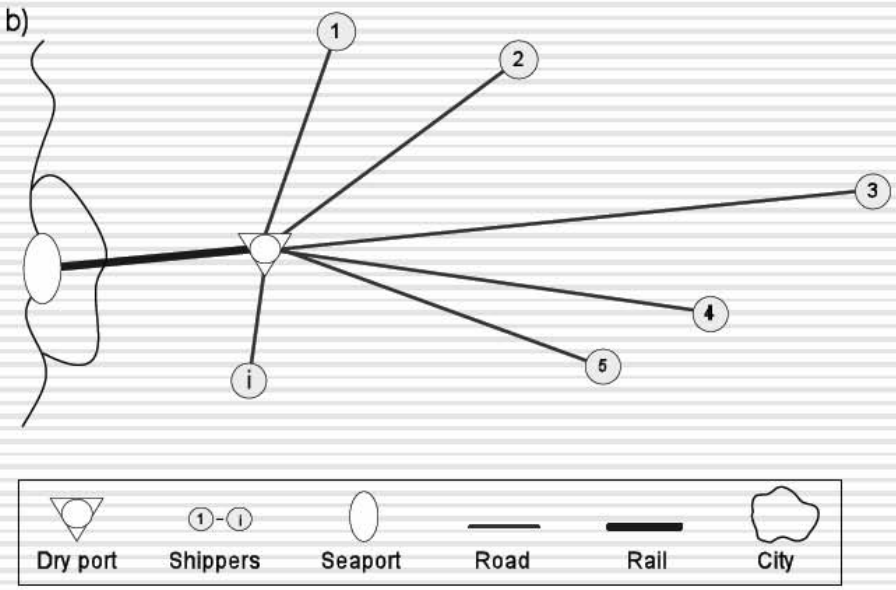
Baltic Sea Region Programme 2007–2013

DRY PORT CONCEPT

Offers possibilities to increase transport efficiency **by reducing total number of ton kilometers:**

- CO2 savings
- transport cost reduction





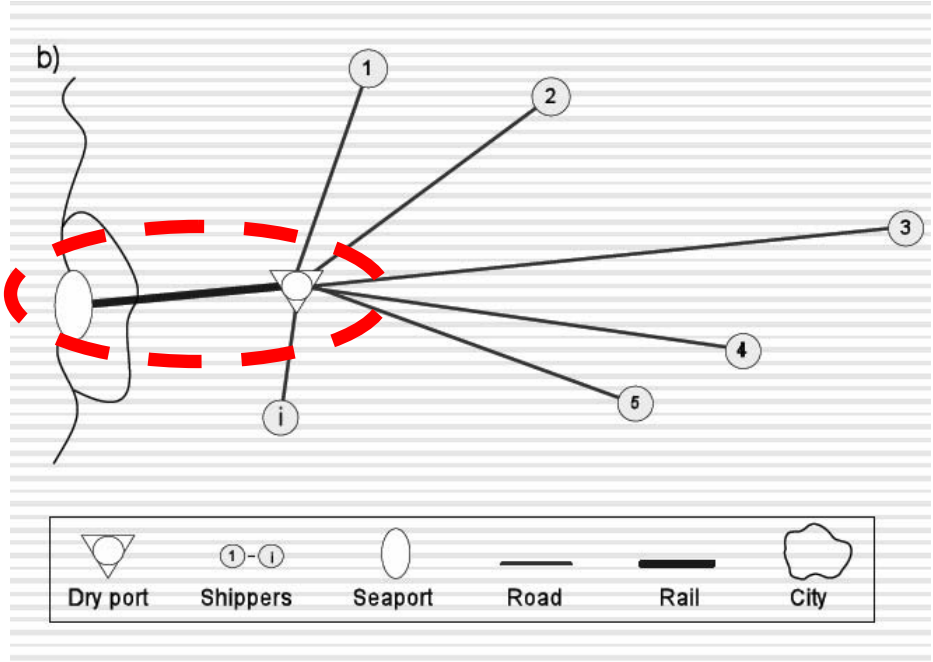
Project part-financed
by the European Union
(European Regional Development Fund)

Baltic Sea Region
Programme 2007–2013

DRY PORT CONCEPT

Offers possibilities to **improve transport efficiency between the sea port and the dry port**:

- **Concentrates volumes** on one corridor
- Right transport solutions might make the corridor green



Project part-financed by the European Union (European Regional Development Fund)

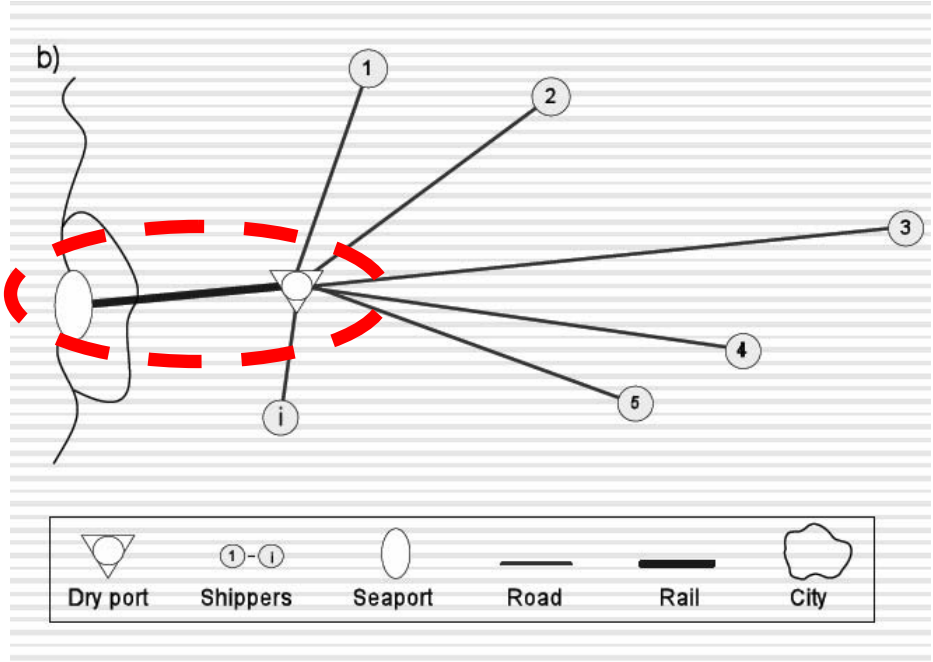
Baltic Sea Region Programme 2007–2013

DRY PORT CONCEPT

In many case possible to use railway transport instead of road

BUT NOT ALWAYS:

- volume between sea port and dry port might be too thin for train transport
- no rail infrastructure
- no rail transport service



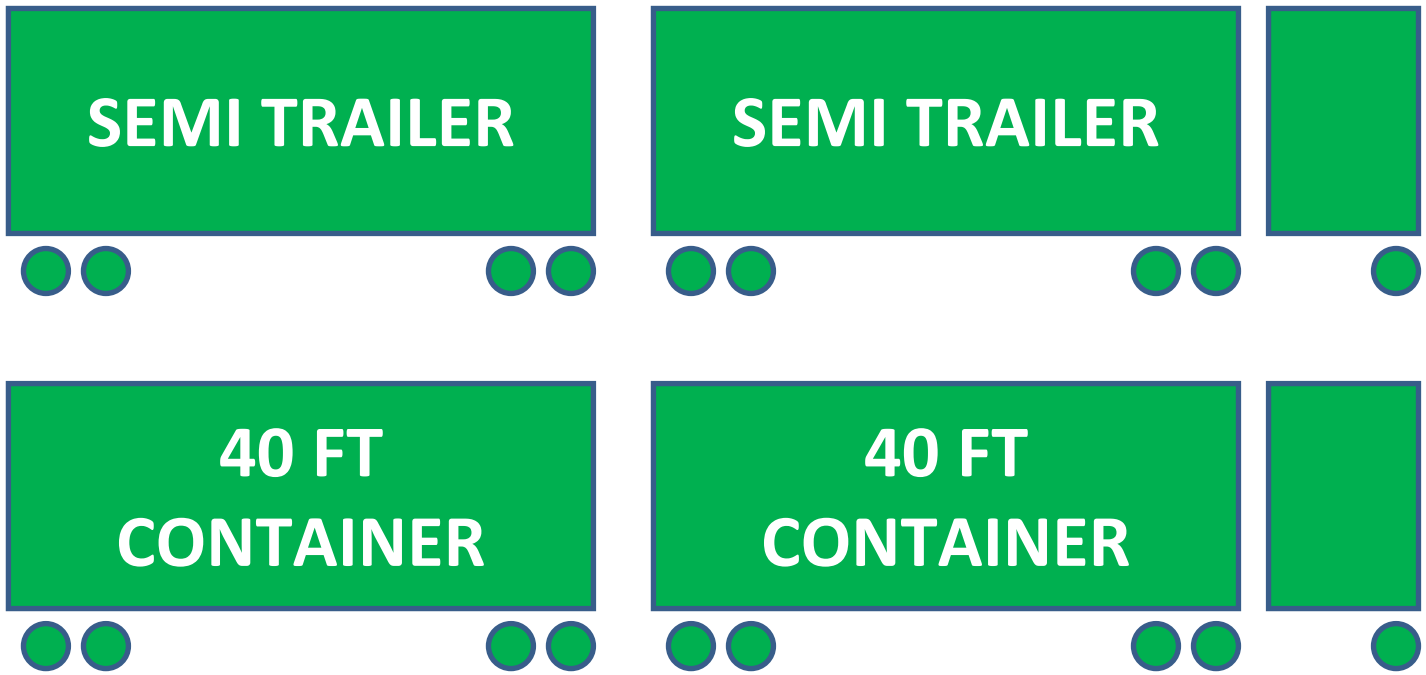
Project part-financed by the European Union (European Regional Development Fund)

Baltic Sea Region Programme 2007–2013

CONTRIBUTION TO THE RECOMMENDATIONS …

HIGH PRODUCTIVITY VEHICLES

Should we try to improve the efficiency of road transport if rail is not available?



Project part-financed by the European Union (European Regional Development Fund)

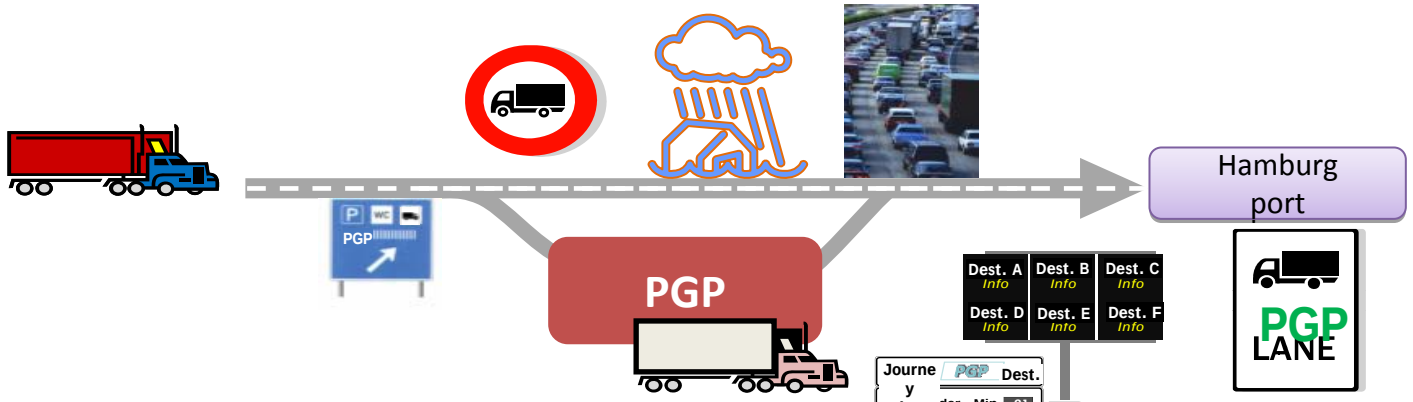
Baltic Sea Region Programme 2007–2013

CONTRIBUTION TO THE RECOMMENDATIONS …

Pre-gate parking system

- **A control measure for port-approaching road traffic**
- **Implementing partner: Port of Hamburg Authority**
- **Experience derived worldwide (e.g. Australia)**
- **Purpose: set up a facility (within the radius of 50 km) recommended for use in case of traffic flow problems and other disturbances + provide traffic information to truck drivers and terminals**

- **The process** (*current stage in red*)**:**
  - **Analyse functionality requirements for the system**
  - **Identify adequate location and available building area**
  - **Develop an operational and financing concept**
  - **Test implementation and evaluate interconnection: booking system - traffic information system**
- **Results: PGP implementation plan to develop physical infrastructure and start a pilot stage of the system (2013?)**



Project part-financed by the European Union (European Regional Development Fund)

Baltic Sea Region Programme 2007–2013

CONTENT OF THE PRESENTATION

1. CURRENT WORK

2. PLANNED ACTIVITIES

3. DISCUSSION

Project part-financed
by the European Union
(European Regional Development Fund)

Baltic Sea Region
Programme 2007–2013

TransBaltic

Project part-financed
by the European Union
(European Regional Development Fund)

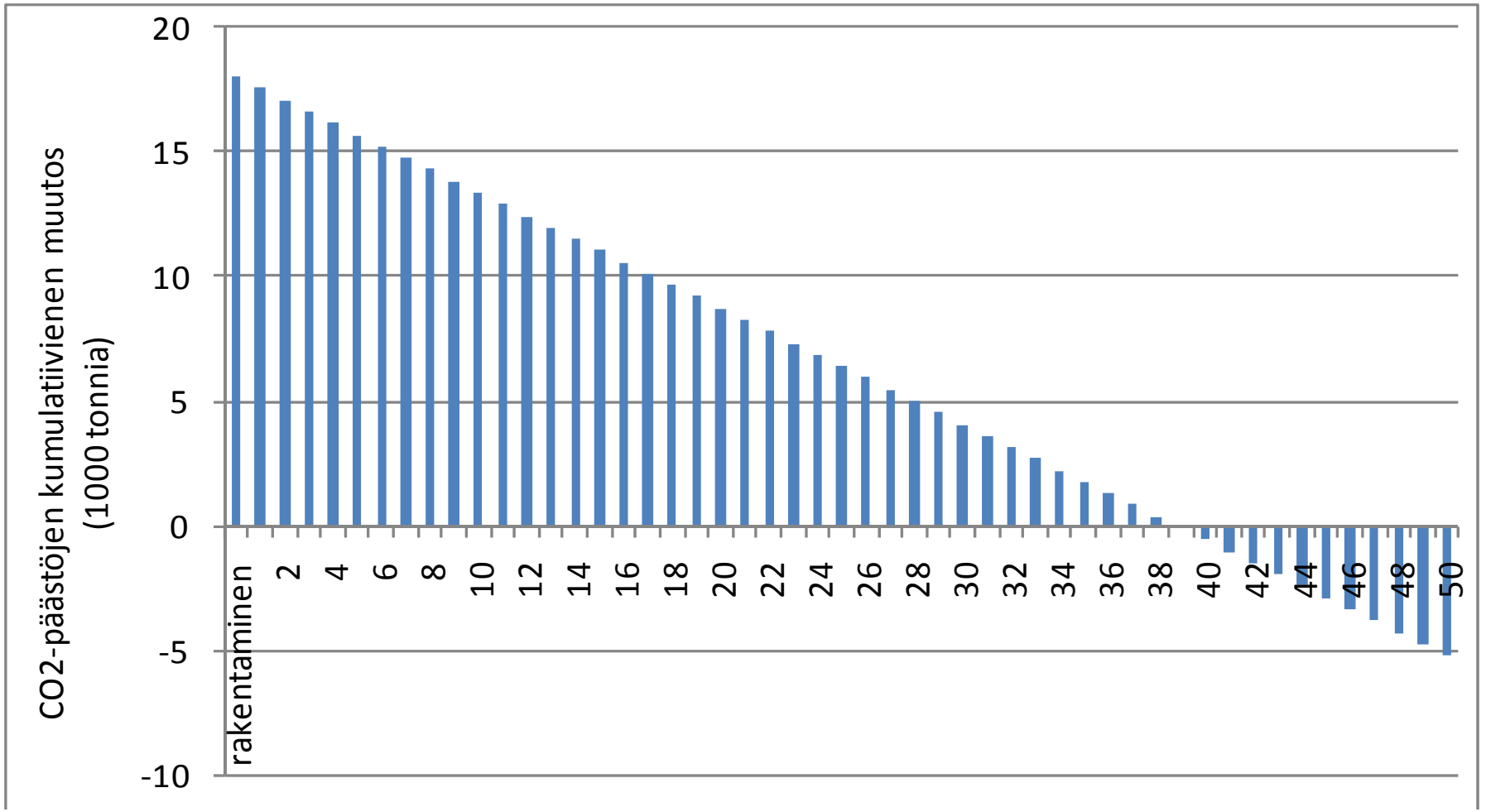
Baltic Sea Region
Programme 2007–2013

IS RAIL ALWAYS A GREEN THING?

Tien-, kadun- ja ratarakentamisen aiheuttama ympäristökuormitus sekä Suomen tasolla aiheutuva ympäristökuormitus

		Tien-rakentaminen	Kadun-rakentaminen	Rata-rakentaminen	Yhteensä	Suomi
Uusiutumaton energia	TJ	6 300	4 100	978	11 400	1 130 000
Uusiutumaton raaka-aine	milj. tonnia	40	6,7	5,1	52 *	92 *
CO_2	milj. tonnia	0,49	0,32	0,096	0,81	73
SO_2	tonnia	300	200	91	590	99 000
NO_x	tonnia	710	290	277	1 300	219 000
CH_4	tonnia	33	7,0	86	126	236 000
NMVOC	tonnia	31	15	9,9	56	145 000
PM10	tonnia	53	19	3 520	3 600	55 000

IS RAIL ALWAYS A GREEN THING?



Project part-financed
by the European Union
(European Regional Development Fund)

Baltic Sea Region
Programme 2007–2013