

INTERNATIONAL WORKSHOP ON GREEN CORRIDORS European Experience and Brazilian Perspectives



A case study on Green Corridors: the **SWIFTLY** Green project

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Lindholmen Science Park, CLOSER and CISB

- Open Innovation Arena for 10 years
- CLOSER a program for transport efficiency since 2012
- CISB – collaboration for innovation between Sweden and Brazil





Fokus areas for CLOSER

- High Capacity Transports
- Intermodal Transport and Green Corridors
- Urban Mobility



Green Corridors - from concept to implementation

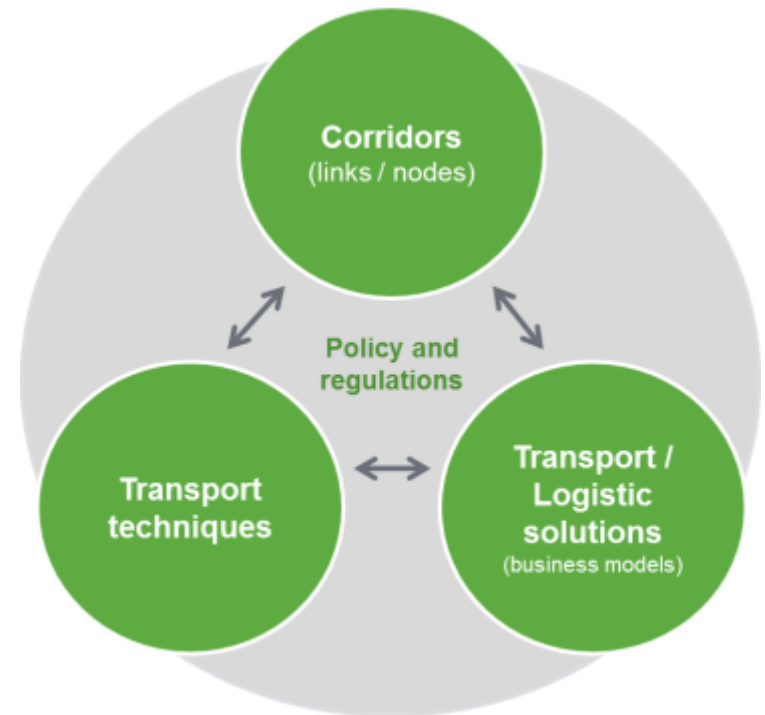
- 2007 Freight Logistics Action Plan
- "Green Corridors" – a lot of projects incl. SuperGreen
- 2011 Greening of transport was emphasized in the White Paper
- 2013 TEN-T network – two layers: comprehensive network and core network
- 9 Core Network Corridors – the heart of the European transport network
- TEN-T guidelines not strong enough from a "greening" perspective



What is a green corridor?

- Sustainable logistics solutions
- Integrated logistics concepts - all modes
- Harmonized regulations
- Concentration of freight traffic on long transport routes
- Efficient and strategically placed trans-shipment points and supportive infrastructure
- Platform for research, development and demonstration

Green Corridor Model



The 9 Core Network Corridors



-  Scandinavian-Mediterranean
-  Baltic-Adriatic
-  North Sea-Baltic
-  Orient/East-Med
-  Rhine-Alpine
-  North Sea-Mediterranean
-  Rhein-Danube
-  Atlantic
-  Mediterranean



Scandinavian – Mediterranean Corridor (ScanMed)

- TEN-T policy and regulation; CEF
- European Coordinator – Pat Cox
- 2014 – Mapping, analysis and work plan
- Forum meetings
- ScanMed – the largest of the corridors:
 - 7 Member States
 - 6300 km road network
 - 25 ports, 19 core airports, 44 core rail-road terminals and 18 urban nodes
 - Brenner Base Tunnel
 - Fehmarn Belt Fixed Link



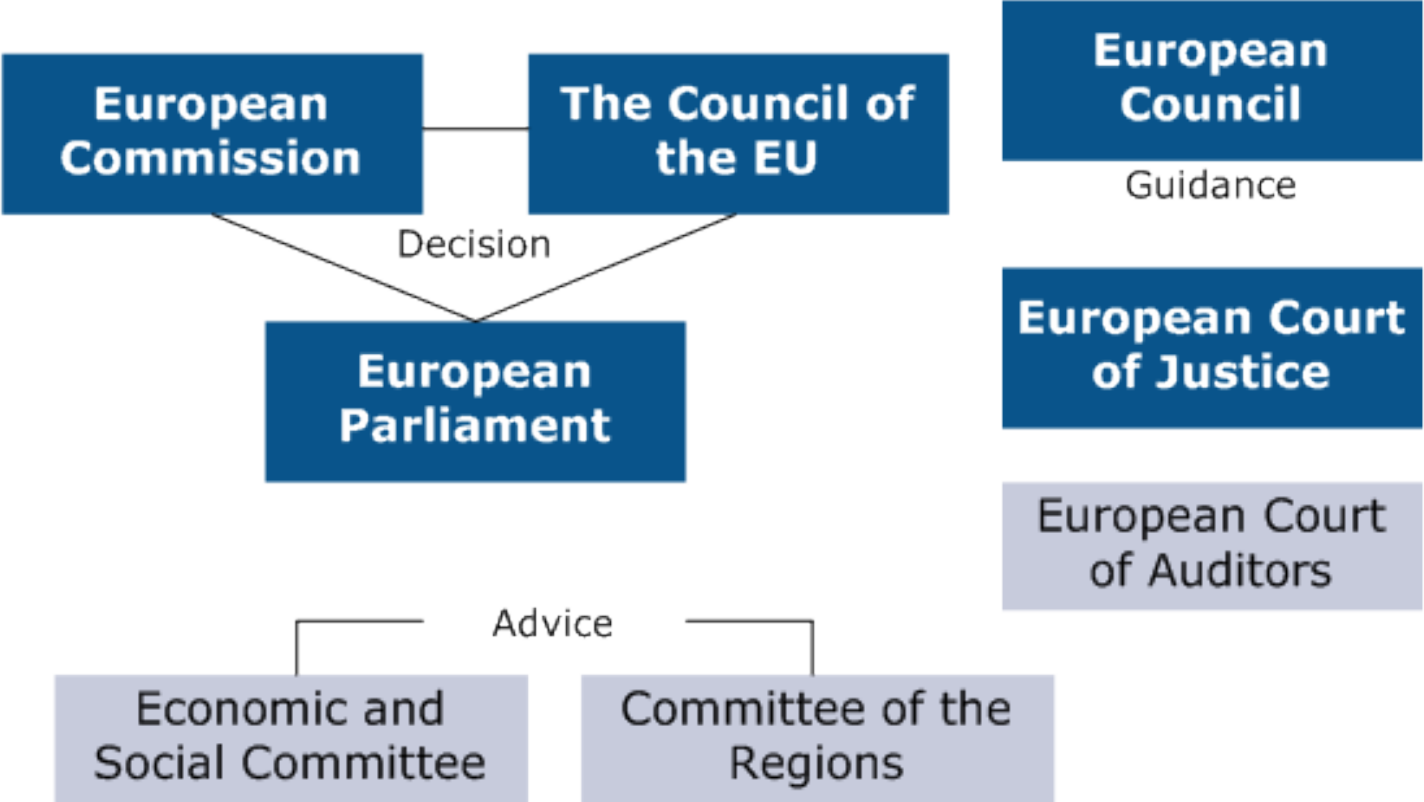


Scandinavian Mediterranean



Work Plan of the
European Coordinator
Pat Cox

EU Institutions

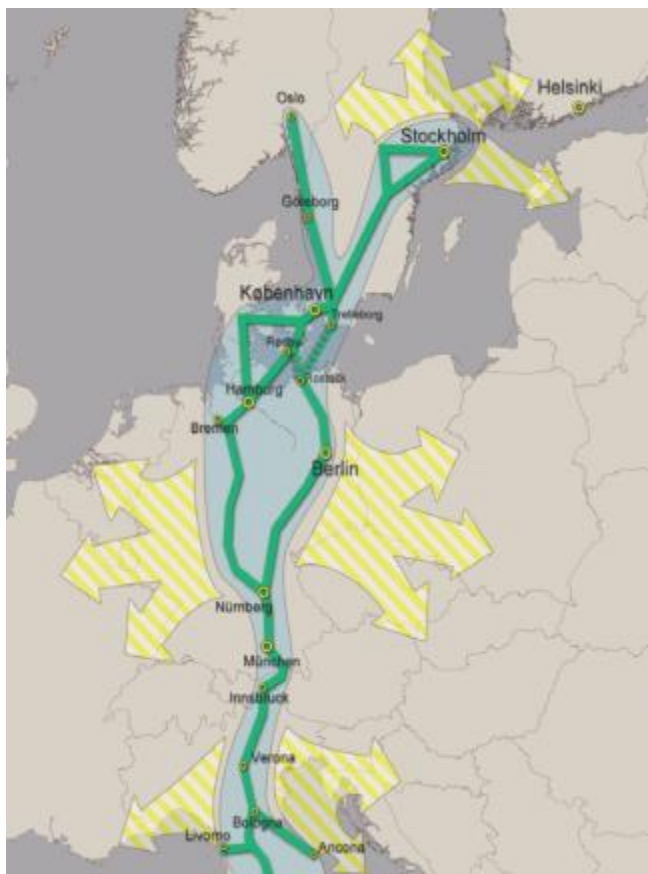


Greening of corridors and transports

- Core Network Corridors – multimodal, efficient, smart *and* green
- Reaching the goals of greening from White Paper etc. - earlier than the rest of the European transport system
- Core network corridors as forerunners (blueprints) for the EU transport policy
- The corridor level and the corridor perspective – a new way of thinking
- European Coordinators, MS, stakeholders, Corridor Forum
- Decisions and corridor management?



Sweden-Italy Freight Transport and Logistics Green Corridor – SWIFTLY Green



Aim: To develop a toolbox based on:

- Best practices from most important projects
- Transferable solutions
- Tools and recommendations

Target group: corridor coordinators, infrastructure managers and other stakeholders

Project period: 1/10 2013 – 31/12 2015

Project budget: 2.8 MEUR

Final conference 26 November 2015

www.swiftlygreen.eu



Partners

Partners in SWIFTLY Green



Ministry of Economic Affairs,
Labour and Ports

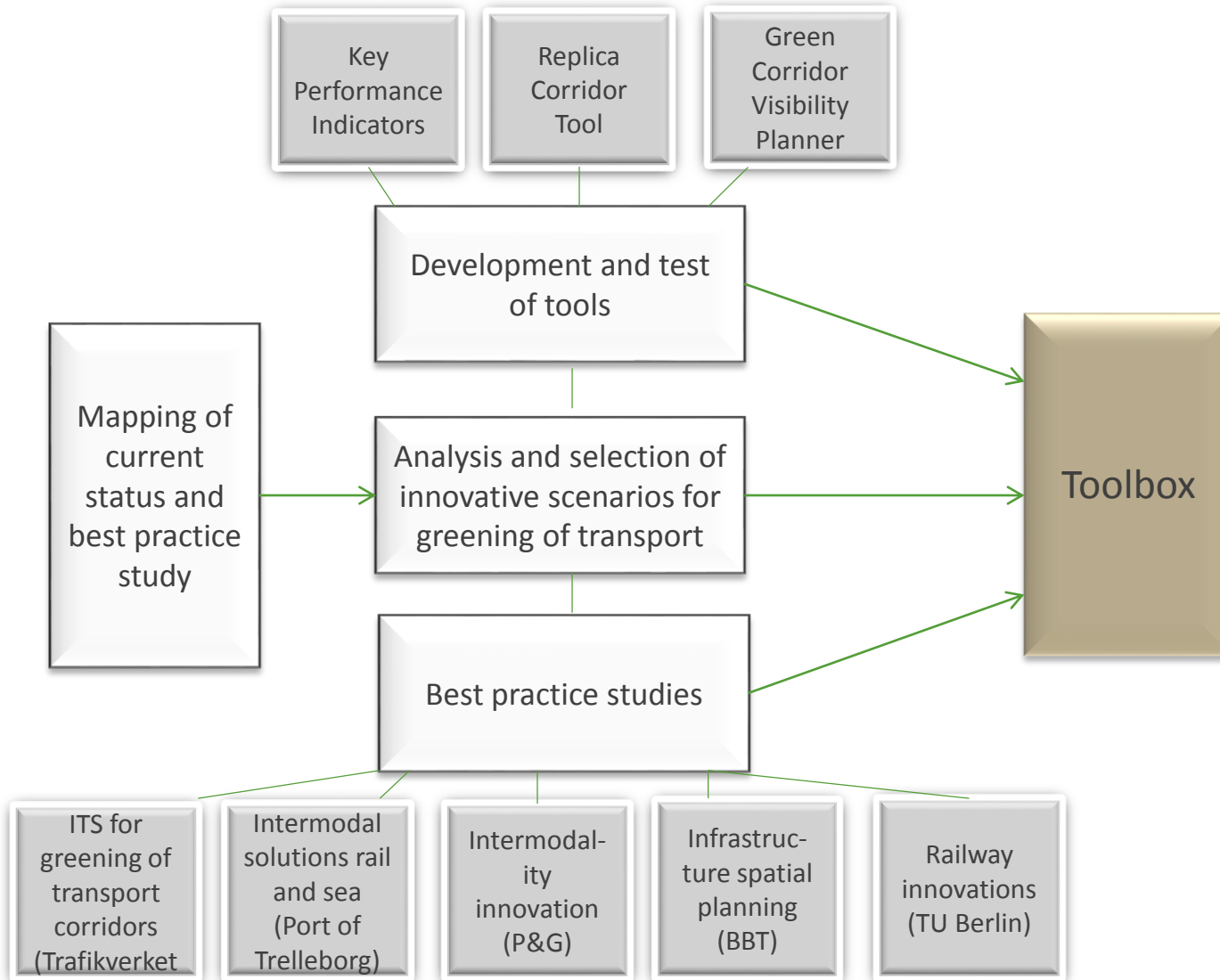


The role of SWIFTLY Green

- To ensure that the green perspective is fully taken into account
- Provide a toolbox to put in the hands of Pat Cox and his colleagues:
 - Guidelines and recommendations as a complement to the general guidelines
 - A set of tools for planning, day to day operations and follow up
 - A number of proven measures aiming to make the corridors and the transports green
 - A Green Corridor Development Plan
- Establish the dialogue with all nine core network corridor teams



Project overview



Smarter and Greener Transport Solutions

- 42 concrete measures
- Improving *all* modes
- Integration the main problem; technology is here, but *not* the people
- Standardisation is crucial
- Political will and long-term regulations
- Digitalisation
- Use the corridor as test-stretch with pilot projects:
 - Electric Road System
 - Efficient port/nodes access and operation
 - Vehicle development, e.g. platooning



Greener Transport and Corridors

- Numerous green corridor projects has been launched during the last years, financed by i.e. Interreg, FP 7, TEN-T
- Great results have been reached but long-term commitment in further maintenance and daily improvement is missing
- Cumulative learning is also lacking. Recent results are not fully utilised in future work
- Based on that, an “unbranded” Green Corridor Portal will be launched by SWIFTLY Green



GREEN CORRIDOR PORTAL

News & Objectives

News and descriptions of the nine corridors selected by EC

News and objectives of other identified green corridors

Status & progress KPI's & baselines

Selection of most relevant KPI's including links to source

Baselines could/would be part of i.e. a cap and trade system

Finding good examples

Based on a search engine (i.e. Replica Corridor Tool) referential projects and good examples can be uploaded and disseminated

Total transport cost assessment

A calculator function (i.e. NTMCalc) that provides an analysis of total costs for a single shipment or transport flows in a corridor

Optimise your corridor route

A corridor route planner (i.e. Visibility Planner) enabling users of the corridor to calculate the greenest and most cost-efficient transport services

Measures to improve

Links to single measures or a combination thereof that influence transport logistics costs

Report reference

Library providing relevant reports can be accessed and added

Core Network Corridors 2015 - 2017

- New meetings with corridor fora from September 2015
- Workplans will be revised in June 2016
- Fokus on innovation, ITS, soft infrastructure and greening; Green Corridor Development Plan
- Along the ScanMed corridor Idea Lab's will be organised with the Malmö conference in May 2015 as a model
- First new CEF –projekts will start. GREAT a very interesting example; infrastructure for new fuels



A Vision 2030

- All Core Network Corridors will be Green Corridors
 - - multimodal
 - - efficient
 - - sustainable
- Operational – not "only" a platform for innovation
- The devil is in the implementation!



Thank you for your attention!

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