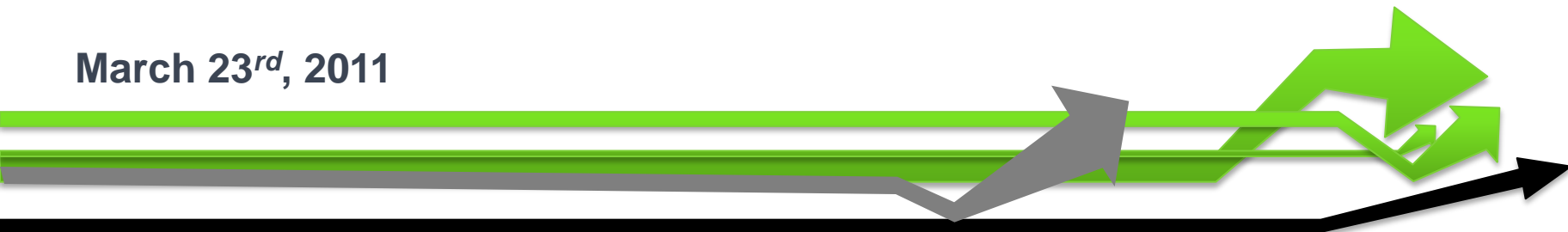




Putting Green Corridors into a Global Logistics Chain - the East West Transport Corridor Association - Overview

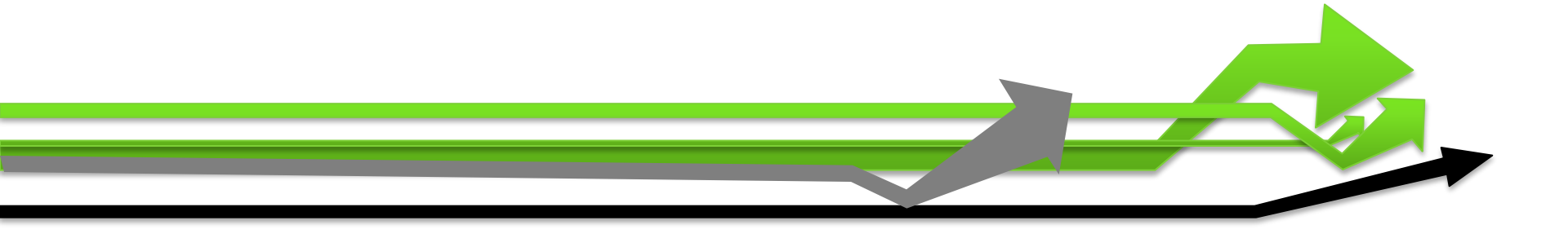
*Dr. Algirdas Šakalys,
President of EWTC Association*

March 23rd, 2011



Introduction (1)



- The transport system of any country in the broad sense hardly fit in the specific geographical boundaries. Its geographical coverage, functional significance and development, more likely, compared with other sectors, is driven by trends of globalization.
 - The challenges of globalization result in turn from sectoral cooperation towards multi-sectoral cooperation in the Baltic Sea region. More particularly, it gives the preconditions for development of transnational intermodal chains where the producer-communication (IT, researchers) – distribution go along.
 - The researchers and practitioners admit that the efficiency of the intermodal logistics chain is more than the sum of the efficiency of its individual components.
 - The new instrument for organizing supply chains is needed for a modern management structure which should be quite flexible and efficient for the concrete coordination network of partners along all supply chain or transport corridor.
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Introduction (2)



- The East - West Transport Corridor Association is an organization established (in 2010, June) on a voluntary business interests basis, with a view to making effective the East - West Transport Corridor, linking the Southern Baltic Sea Region of the European Union (Denmark, Germany, Lithuania, Sweden), the Kaliningrad Region of the Russian Federation and countries behind (Belarus, Ukraine, Russia, Kazakhstan, Mongolia, China, and other countries in the Black Sea Region and Asia) operating and maintaining its competitiveness.
 - A durable network of partners is formed through the East West TC Association that, we expect, will enable a long term cooperation between transportation, logistics companies, intermodal terminal operators, shippers and consignees, national, regional and domestic authorities, as well as science and research institutions along the corridor.
 - The general mission of EWTC Association is to become a cooperation platform for realization a green corridor concept in practice: promoting innovations, new technologies, business models, transportation management systems, market analysis of new logistics schemes, and development of business plans.
- 

Coordinative planning of the development of the hubs in the southern part of BSR

- Esbjerg
- Taulov-Fredericia
- Köpenhamn/Malmö
- Karlshamn
- Karlskrona
- Klaipeda
- Vilnius
- Kaunas
- Kaliningrad
- Sassnitz



Source: EWTC II, 2010

East West Transport Corridor (EWTC) in the global context



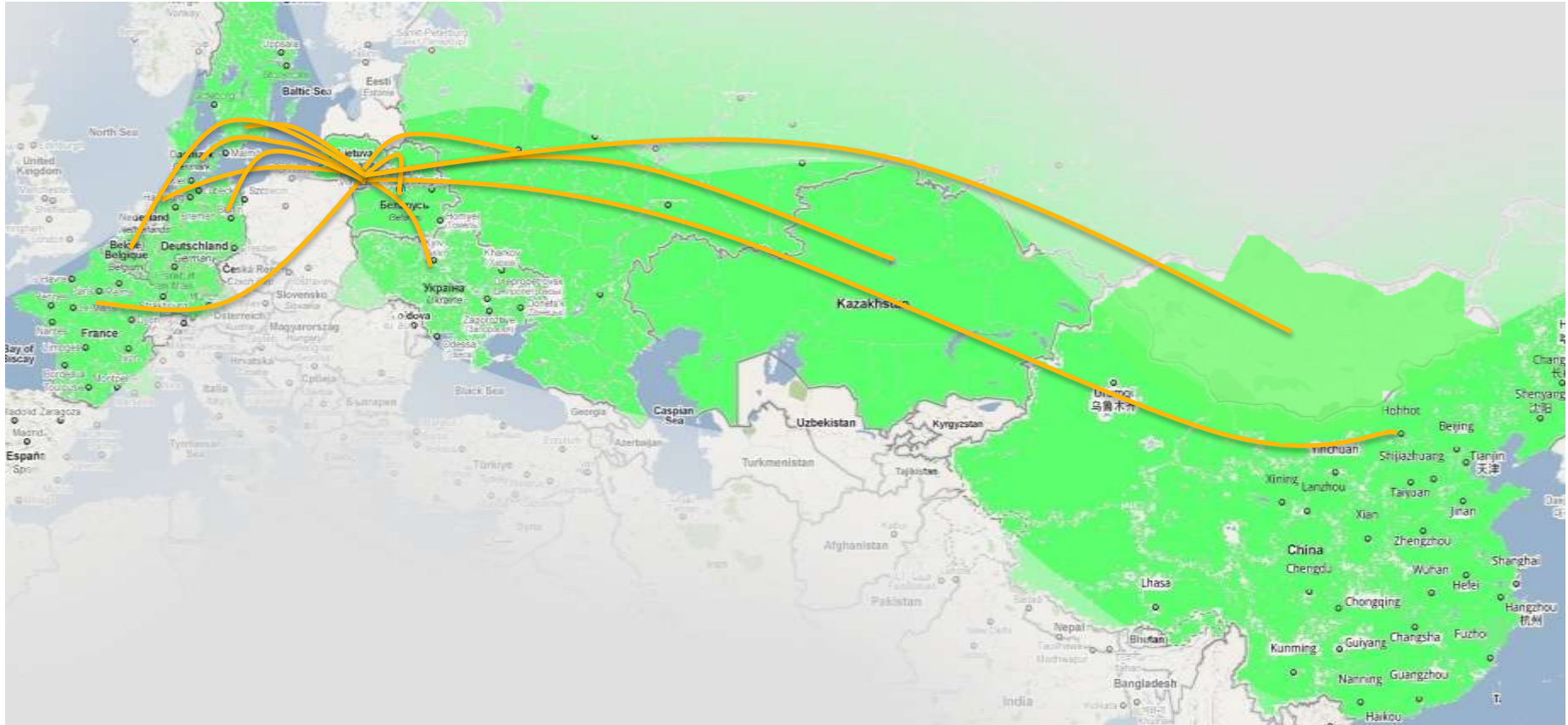
Source: MOTC Lithuania, 2009

The main functions and **POTENTIAL** of EWTC Association

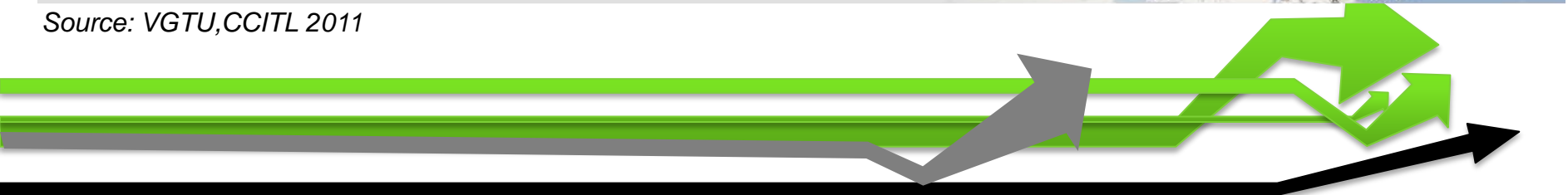
- to strengthen the co-operation between transportation, logistics companies, intermodal terminal operators, shippers and consignees, national, regional and domestic authorities, science and research institutions along the EWTC;
- to develop the links and services between the EWTC and different Europe-Asia regions;
- to initiate the simplification of procedures and documentation;
- to initiate of removing of bottlenecks in the development of infrastructure and operations;
- to initiate and promote implementation of common KPI's and services standards along EWTC (**with focus on green transport**);
- to promote co-operation between private and public sectors;
- to disseminate best practices and modern logistics solutions;
- to support IT networks development among EWTC partners;
- to represent the associated EWTC partners in the European Commission and international transportation organizations, as well as in national and regional authority institutions.

EWTC consists of 7 business associations, 16 companies, 5 public administrative institutions, 2 universities. Altogether – approx. 2000 companies and institutions from 12 countries (Belarus, Denmark, Kazakhstan, China, Lithuania, Mongolia, France, Belgium (EIA), Russia, Ukraine, Sweden and Germany).

PARTNERS OF INTERNATIONAL EAST-WEST TRANSPORT CORRIDOR



Source: VGTU, CCITL 2011



FIRST STEPS OF EWTCA

Completed

- EWTCA presented at EXPO 2010 (the valuable dialogues with China International Freight Forwarders Association (CIFA) and China Communications & Transport Association - (CCTA)).
- Business seminars in Klaipeda and Karlshamn, Sweden (8-9 November 2010)
- 12-13 November 2010 EWTCA was presented at an international conference in Fort Lauderdale (USA).
- 15-16 March 2011 EWTCA was presented at Coordination Council of VIKING meeting in Kiev (Ukraine)



The header banner features a light blue background with a network of white lines. In the center, there is a yellow truck, a white boat, and a white train. A large green arrow points from the right side of the banner towards the top right corner.


Next steps

- To prepare a business strategy and action plan EWTC including development of the concept of "green" transport corridor.
- To develop partnerships within the Association, in the first place, trying to eliminate the missing links (regional business seminars).
- Form a network of communication and information exchange between partners in EWTC (using modern IT technologies).



Some considerations on Green Corridors (GC)



- If the **concept of GC** should derive from **theoretical point** of view (researchers and administrators) **or from practice** (business)?
 - Keeping in mind the common aim of GC bring together competitiveness and greening of the transport, how these two processes could go together? **How to avoid the possible conflict between the transport “greening” and increasing (or decreasing) competitiveness of the corridor?**
 - What could be rational (economically and environmentally efficient) indicators for evaluating the “greenness” of the corridor?
 - What kind of the **role** should be taken by **business, academia and governmental institutions** participating in formation of GC?
 - Practically there are no very clear answers to these questions, but it could be on focus during the discussions in this conference.
- 

What is a Green Corridor? (1)



By the EU Commission:

Green Corridors are a European concept denoting long-distance freight transport corridors where advanced technology and comodality are used to achieve energy efficiency and reduce environmental impact.

Source: The SuperGreen project. Harilaos N. Psarftis, NTUA; Atle Minsaas, Marintek; Indrek Ilves, Procter and Gamble. 3rd regional workshop, Malmö, Sweden, March 10, 2011

What is a Green Corridor? (2)



By Jerker Sjögren (Sweden)

Characteristics for a Green Corridor are:

- Sustainable logistic solutions
- Co-modality
- Harmonised system of rules
- Concentration of freight flows
- Effective transshipment points
- Platform for innovation

Source: "Green Corridors – from vision to realisation" presented in Malmö 10 March 2011



What is a Green Corridor? (3)



By VGTU, CCITL (Lithuania)

The main characteristics:

- **agreed green transport KPIs** along corridor among partners of supply chain;
- use of different transport modes (**intermodality, co-modality**) in supply chain constitution;
- use of **green transport means and technologies**;
- **environmental effectiveness** of operations;
- **coordinating body** of GC involving main stakeholders.

Source: VGTU CCITL Report "Comparative Analysis of Green Transport Corridor Concepts", 2010.



Green Corridor's KPIs


Groups	Indicators	Responsibility (initiation, establishment)
Efficiency	Relative Unit cost	Business partners (BP)
Service quality	Transport time	BP
	Reliability	BP
	Frequency of service	BP
	ICT applications	BP
	Cargo security	BP and State authorities (SA)
	Cargo safety	BP + SA
Environmental sustainability	CO ₂ -eq SO _x NO _x PM	SA + EU and other international institutions (EU) SA + EU SA + EU
Infrastructure sufficiency	Congestion Bottlenecks	SA SA
Social issues	Land use - urban areas Land use - sensitive areas	SA SA
	Traffic safety Noise	SA + EU SA + EU

Source: the SuperGreen project, 2011 with modification of VGTU CCITL.

PLANNED EWTCA BUSINESS SEMINARS IN 2011



- Odessa (Ukraine) - May 27-28th 2011
- Potsdam (Germany) – June 20-21st 2011
- Hohhot (China) – July 2011 or October ?



EWTC Association Forum 27-28 May 2011 Odessa, Ukraine

During first year of its activities EWTCA organizes four regional meetings (Southern Baltics, Black Sea region, China, Northern Germany), endeavoring to bring awareness in viability of the corridor and establish direct contacts between its users and operators.

The main tasks of the meeting in Odessa will be:

- establishing direct contacts among a potential business partners;
- proposals for a strategy (including Green Corridor issues) and work plan of EWTCA;
- extension of membership.



Participants

EWTCA expects at the Forum delegates from:

- Southern Baltic region (Denmark, Germany, Sweden, Norway, Kaliningrad);
- Countries along the route of the Shuttle train Viking (Lithuania, Belarus, Ukraine);
- Caspian Sea direction (Georgia, Azerbaijan, Kazakhstan, Turkmenistan, Uzbekistan, China), Egypt, Turkey, Syria, Iran.
- Members of the EWTCA, industrial and commercial companies operating on a global and European scale, seeking to expand cooperation with the countries along the EWT corridor, transport and logistics companies (carriers, freight forwarders, ports, etc.) and representatives of state, regional, controlling authorities.



We expect the active participation of Southern Baltic region partners in the Forum.

Thank you for your attention!