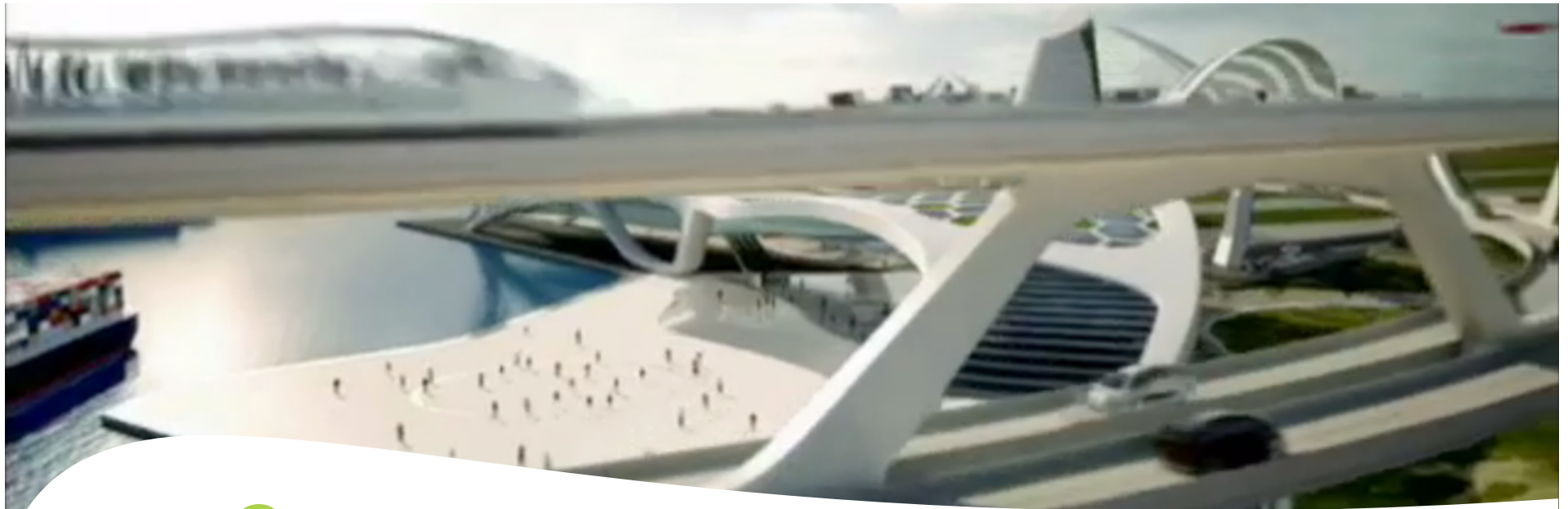




Transatlantic Cooperation in Transportation

Dr. Felix Leinemann
Delegation of the European Union to the USA
Young Professionals in Transportation
EU Leadership Seminar, March 19, 2013



EU WHITE PAPER 2011

Roadmap to a Single European Transport Area

Towards a competitive and resource efficient
transport system

Directorate-General
for Mobility
and Transport



A Single European Transport Area

- Transport has to:
 - Use less energy
 - Use cleaner energy
 - Exploit efficiently a multimodal, integrated and 'intelligent' network
- ... and to reduce its GHG-emissions by at least **60%** by 2050 (compared to 1990)



Single European Transport Area: Vision

	Passengers	Freight
Long-distance travel and intercontinental freight	<ul style="list-style-type: none"> Adequate capacity and improved travel experience (efficient links, minimum hassle...) 	<ul style="list-style-type: none"> High global standards Efficient hinterland connections for ports Modern vessels and cleaner fuels for shipping
Intercity travel and transport	<ul style="list-style-type: none"> Seamless multimodal travel (online multimodal info and ticketing, multimodal hubs...) Quality service and enforced passengers' rights Near-zero casualties for road 	<ul style="list-style-type: none"> Multimodal long-distance corridors Paperless logistics, also for maritime transport Cleaner trucks on short distances
Urban transport and commuting	<ul style="list-style-type: none"> Non-fossil mobility (clean and efficient cars; more public transport; alternative propulsion; better infrastructure for walking and cycling) 	<ul style="list-style-type: none"> Better interface between long distance and last-mile Freight consolidation centres and delivery points ITS for better logistics Low-noise and low-emission trucks for deliveries

TEN-T CORE NETWORK INCLUDING CORE NETWORK CORRIDORS



Areas of (potential) US-EU cooperation

- Aviation
- Maritime Transport
- High-Speed Rail
- Intelligent Transport Systems
- Urban mobility / Sustainable Transport

Aviation



Aviation

- Nearly half of global aviation activity takes place between and within the EU and the US
- Open skies – second stage since 2010
 - o ultimate objective: Transatlantic **Open Aviation Area**: single EU-US air transport market
- Bilateral Aviation Safety Agreement
- Close cooperation on Aviation Security
- SESAR / NextGen

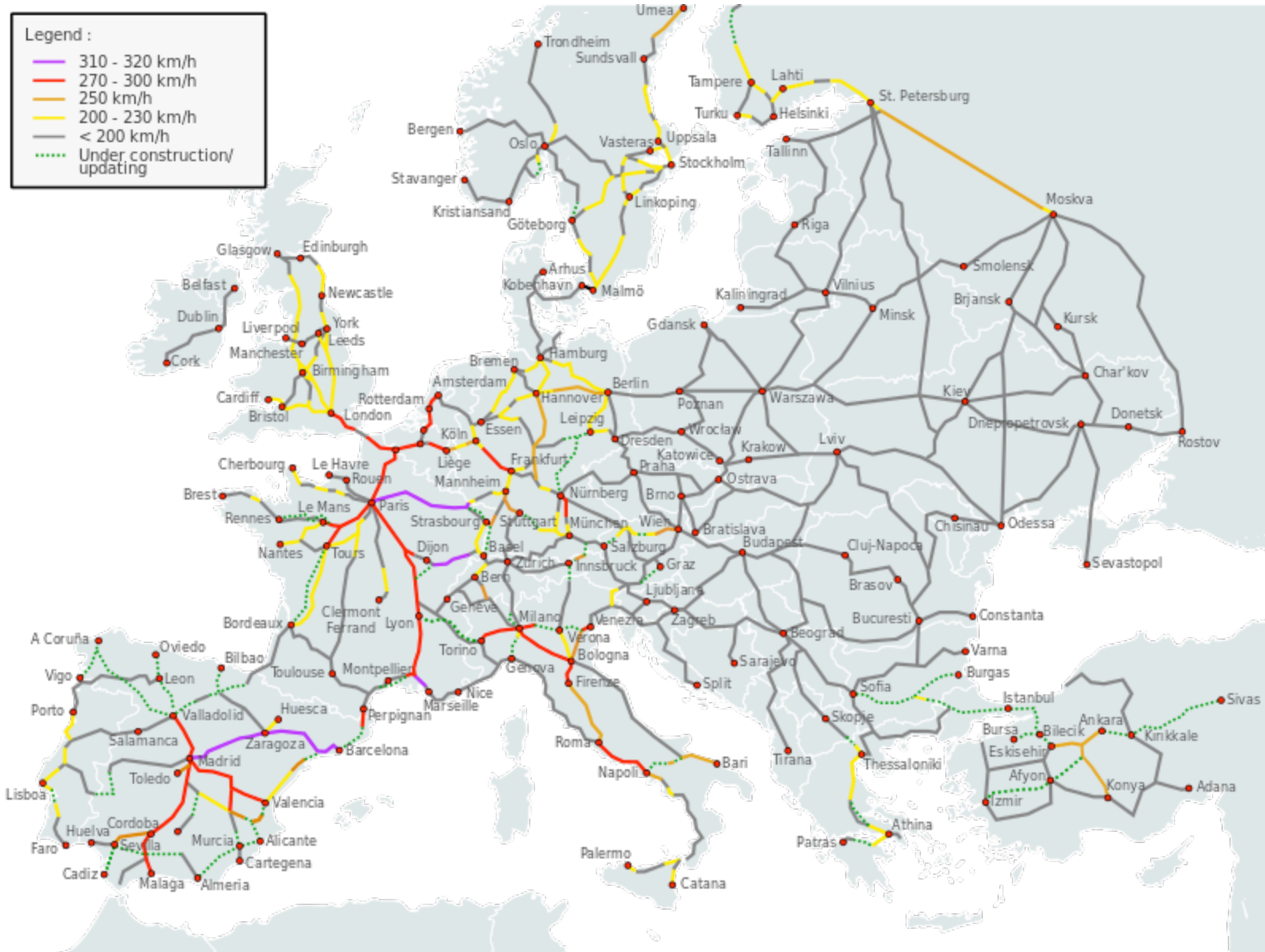


Maritime Transport

Maritime Transport

- MoU on Short Sea Shipping / Marine Highways
- Maritime Safety Cooperation in IMO
(including environmental protection)
- Maritime Security

High-Speed Rail in Europe



High-Speed Rail in the US



HSR - potential for EU-US cooperation

- How to fund HSR – innovative funding models
- How to guarantee interconnection
- Technical Standards
- Interoperability of trains & networks
- Create a barrier-free international HSR market through regulatory cooperation

INTELLIGENT TRANSPORT SYSTEMS IN A

Intelligent Transport Systems



INTELLIGENT TRANSPORT SYSTEMS IN ACTION

The illustration depicts a comprehensive network of intelligent transport systems. Key components and labels include:

- SATELLITE COMMUNICATIONS:** A satellite in orbit providing global coverage.
- TERRESTRIAL BROADCAST:** A tall tower emitting signals over a wide area.
- MOBILE:** A cluster of buildings representing mobile network infrastructure.
- Navigation:** A truck entering a tunnel, indicating navigation systems.
- MAN:** A label for Machine-to-Man communication.
- Vehicle-to-Vehicle:** Two cars communicating with each other.
- Safety Systems:** A car interacting with a traffic sign.
- Traffic Signs:** A signpost on a road.
- Fleet Management:** A truck and a car connected to a central system.
- Adaptive Cruise Control:** A car on a road.
- Intermodal Communications:** A train and a bus connected to a central system.
- Passenger Information:** A train platform with a display.
- WLAN:** A house and a car connected to a local network.
- Trip Planning:** A car on a road.
- Toll Collection:** A car passing through a toll gate.
- Travel Assistance:** A lighthouse on a coast.

CETSI 2008

Intelligent Transport Systems

- ITS R&D Implementation Agreement
 - RITA / ITS JPO and DG CONNECT
 - Focusing on connected car, to be renewed this year
 - Exploring a Separate Working Group on **ITS Deployment** – DG MOVE
- Possible inclusion of **Japan**

Clean Power for transport



Sustainable mobility (1)



EU Clean Power for Transport Strategy

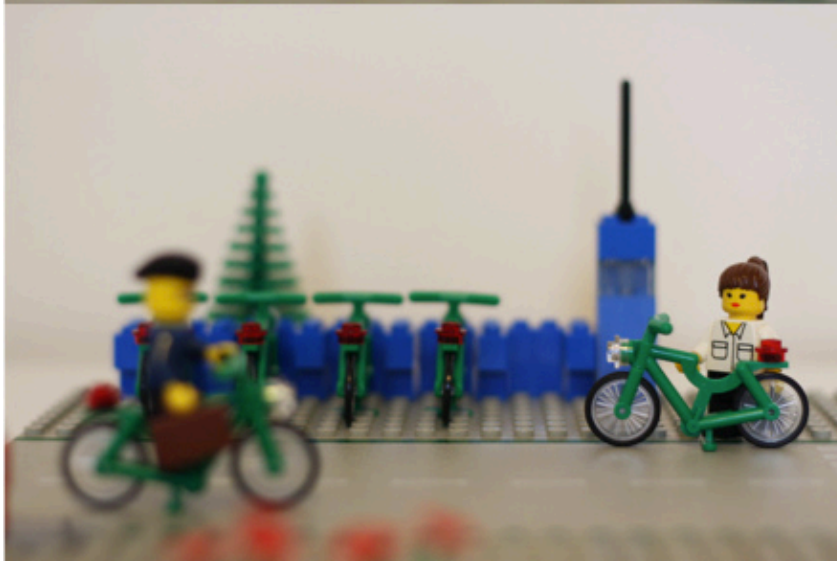
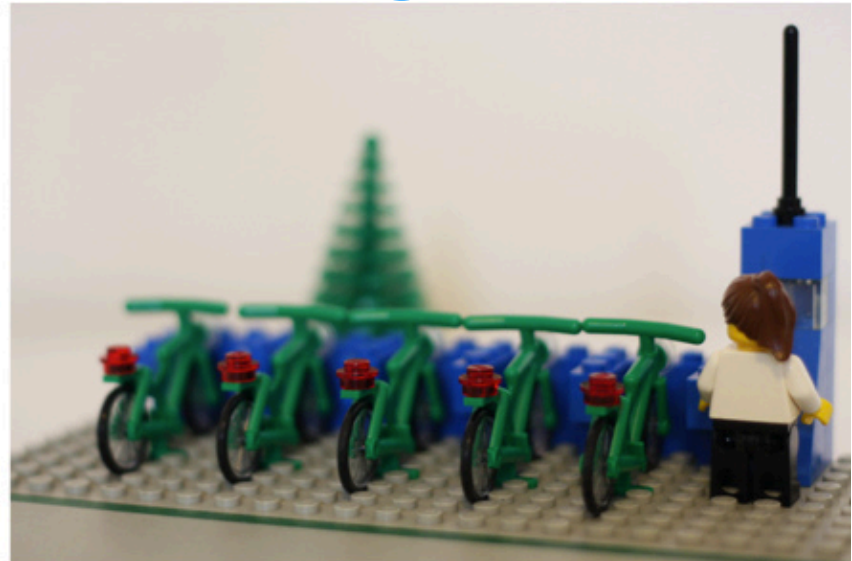
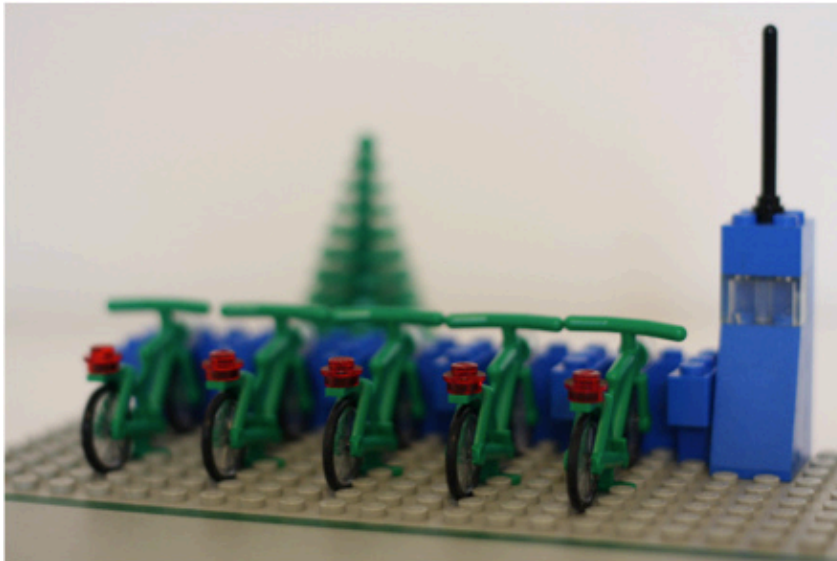
- o Package to ensure the build-up of alternative fuel stations across Europe with common standards for their design and use
- o Minimum number of **EV charging points**, common EU wide plug - "Type 2"
- o Existing **Hydrogen** filling stations to be linked up to a network.
- o **Biofuels**: nearly 5% market share as blends; challenge to ensure sustainability.
- o **LNG** refuelling stations to be installed in all 139 **maritime and inland ports** on the TEN-T Core Network by 2020 and respectively 2025, either fixed or mobile refuelling stations.
- o **LNG for trucks**: by 2020, refuelling stations at every 400 km along TEN-T Core Network.
- o **CNG for cars**: currently 0.5% of the fleet - industry aims at 5% by 2020. Publically accessible refuelling points EU-wide every 150 km by 2020.

Sustainable mobility (2)

● Road Safety

- o Road fatalities across the EU have decreased by 9% in 2012
- o 55 fatalities per million inhabitants in the EU in 2012
- o Strategy to address serious injuries – next steps:
 - common definition of serious road traffic injury (applicable from 2013);
 - improving data collection on serious road accidents, (first reporting using comparable EU wide data collection methods and using new definition, 2014);
 - adopting an EU-level target for the reduction of serious road traffic injuries (e.g. for 2015-2020)

Urban mobility



Urban mobility

How does the EU affect urban mobility?

- o Principle of **Subsidiarity**
- o Single Market
- o Energy and Climate Package:
 - Energy efficiency of buildings
- o Environmental Policy
 - Clean Air Policy
- o **Single European Transport Area**
 - **Action Plan on Urban Mobility**
 - **CIVITAS Programme**
- o Cohesion policy

Thank you!



Dr. Felix Leinemann
First Secretary - Transport

Delegation of the European Union to the USA
2175 K Street, NW, Washington, DC 20037
T +1 202 862 9569 | E: Felix.LEINEMANN@eeas.europa.eu

