



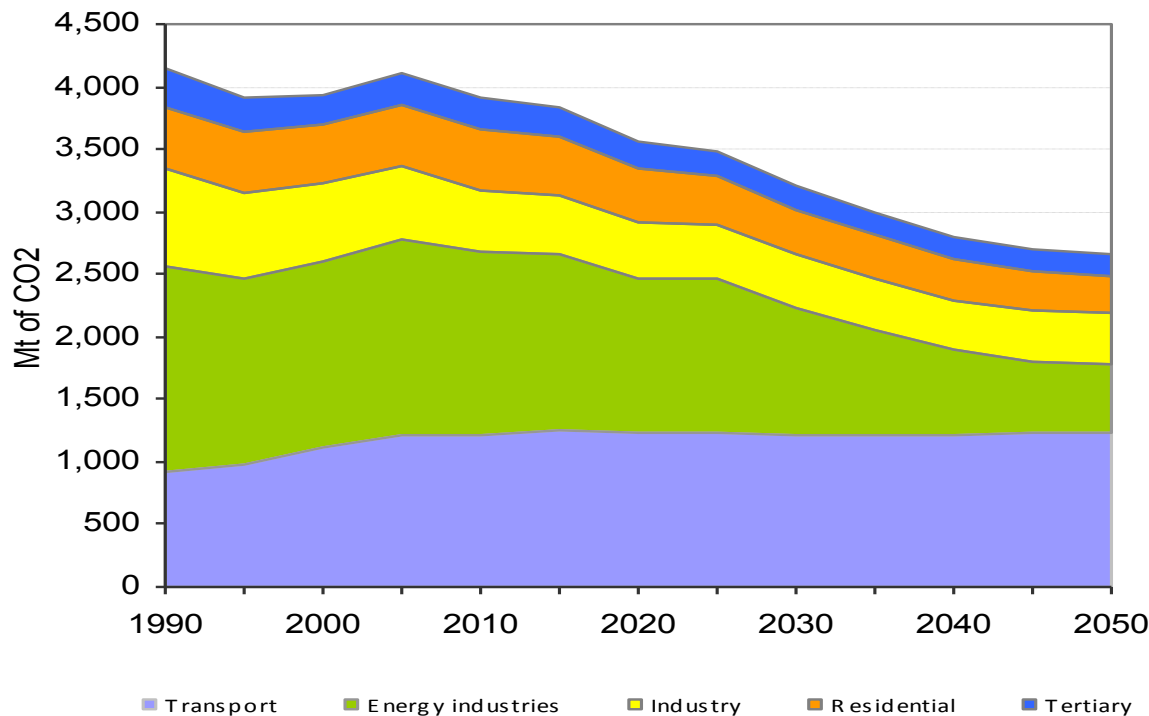
SuperGreen and the Greening of the TEN-T

**Gudrun Schulze, EU Commission,
SuperGreen Final Workshop, 11 January 2013**

SuperGreen: A major step towards more sustainable freight transport

- **A comprehensive gathering of "greening" measures for freight logistics**
- **An innovator on KPI definition and benchmarking**
- **A platform for exchange and knowledge generation between a broad range of actors**
- **A merging of different EU policy objectives (RTD, industrial, transport, infrastructure and climate change policies) and of business needs**
- **An excellent opportunity to put results into practice: The political momentum in EU transport and TEN-T policy and a wealth of upcoming project initiatives**

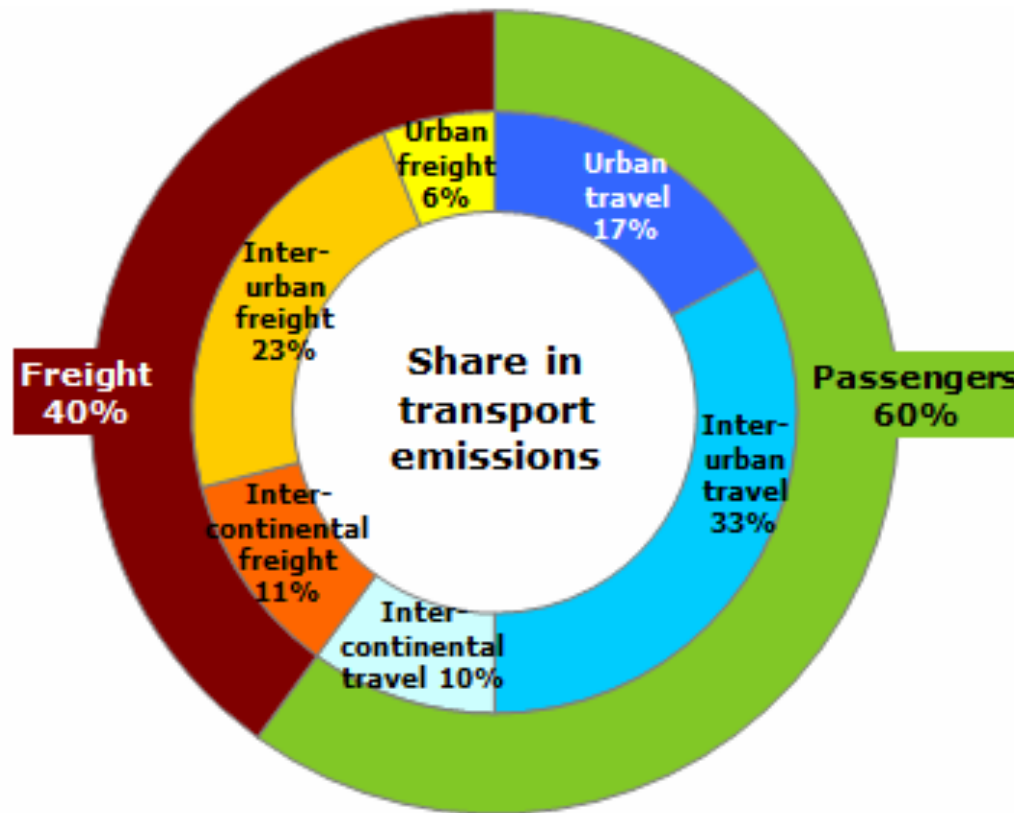
The Transport Policy "White Paper" advocates: Meet transport needs while reducing CO₂ emissions



Source: PRIMES, NTUA (E3MLab)

- Today transport accounts for one-quarter of EU CO₂ emissions
- Transport could represent 50% of total emissions by 2050, under current trends and policies

Transport sectors and their carbon footprint



The EU transport infrastructure policy: Objectives and measures

- **Support the internal market (including the transport market)**
- **Contribute to social, economic and territorial cohesion**
- **Ensure accessibility**
- **Ensure interoperability**
- **Cooperate with third countries in case of mutual interest**
- **Contribute to sustainable development**
- **EU action to support funding and facilitate cooperation**

An efficient transport system with a modernized TEN-T as its backbone

Two EU Regulations have been proposed:

- **Union Guidelines for the development of the trans-European transport network, governing infrastructure planning and implementation until 2050**
- **The Connecting Europe Facility governing EU funding until 2020**



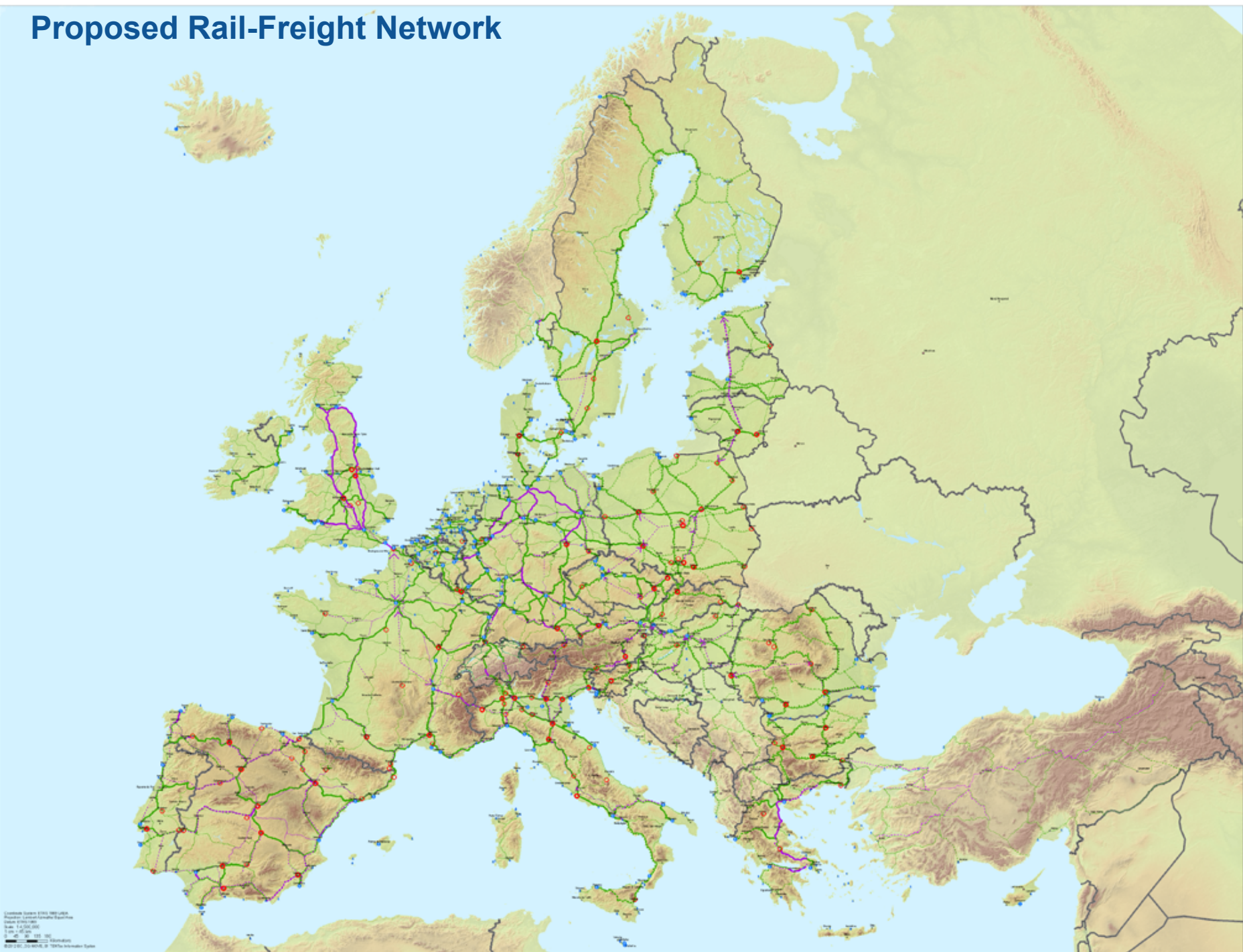
A genuinely new EU infrastructure policy:

- **Integrating all modes of transport and putting increased emphasis on terminals and nodes (including urban nodes)**
- **Including "intelligent" equipment (ITS) within and across all modes to boost efficient infrastructure use**
- **Promoting infrastructure innovation and enabling low carbon vehicle generations**
- **Advancing a genuine network approach and making operation/functionality an integral policy element**
- **Heading for a multi-modal network with strong standards, based on EU law and international agreements**

A core network:

- **The strategically most important part of the TEN-T, and outcome of the first genuinely European transport network planning method**
- **A multi-modal NETWORK approach in contrast to the current, uni-modal priority projects' approach**
- **A forerunner of resource-efficient, intelligent and innovative infrastructure development in all parts of the EU**
- **An implementation priority (target 2030), with strong support from financial and non-financial EU instruments**

Proposed Rail-Freight Network



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Implementing the new TEN-T

A major financial challenge:

- **500 billion Euro needed for core network completion, of which 250 billion until 2020**
- **Member States and other public and private entities as project promoters and main investors**
- **The EU may contribute from different financial sources: CEF (grants for major projects, ITS, innovative infrastructure, innovative financial instruments); structural funds**

Proposed Connecting Europe Facility: Core Network Corridors



Implementing the new TEN-T: Not just about money!

A new vision: Sustainable TEN-T corridors through coordination and innovation

Core Network Corridors in order to:

- **Co-ordinate infrastructure works; improve governance**
- **Stimulate efficient infrastructure use on a multi-modal basis**
- **Deploy innovative solutions**
- **Boost resource efficiency**
- **Integrate "Green corridors"**
- **Infrastructure development to serve transport policy**

"SuperGreen" TEN-T planning?

- **Use KPIs for TEN-T corridor development planning (emissions, efficiency, service quality, infrastructural sufficiency, social – safety, noise, land use etc.)**
- **Include the passenger dimension (incl. urban nodes) into sustainable corridor planning**
- **Build on existing initiatives and networks**
- **Set up model corridors (call for TEN-T project proposals)**
- **Develop a "green" (sustainable) planning toolbox**

Green Transport Corridors for a competitive and resource efficient transport system

- **Developing and deploying new and sustainable fuels and propulsion systems**
- **Optimising the performance of multimodal logistic chains**
- **Increasing the efficiency of transport and infrastructure use with information systems and market-based incentives**