



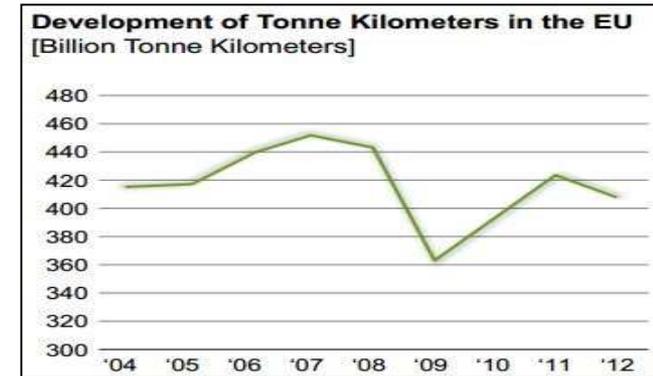
The UNIFE Freight Activities – Objectives and challenges

Sustrail Final Conference

Leonardo Dongiovanni
UNIFE

Rail Freight in Europe and its challenges

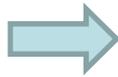
- ✓ Rail currently accounts for only 10% of freight transport in Europe, of which some 50% within European countries only.
- ✓ Rail freight market in Europe is declining



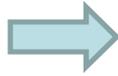
- ✓ The European market is **very fragmented** and **heterogeneous**, but one trend is still very clear: rail freight performance has been stagnating since 2012 in almost all European countries. This trend has continued in 2013; the return is expected to come in 2015.
- ✓ EC 2011 White Paper states that:
 - **30%** of road freight transport **over 300 km** should **shift** to other modes such as **rail** or **waterborne** transport **by 2030**, and **more than 50%** by **2050**
 - a **modal shift** in favour of transport modes with a low environmental footprint, such as rail freight, would greatly help in reaching the target of **reducing CO2 emissions** in the transport sector of **20%** by **2030** and **60%** by **2050** compared to 1990 levels

- ✓ More than 30 UNIFE members are active in the freight business
- ✓ UNIFE fully support to the implementation of the Fourth Railway Package, especially its technical part
- ✓ UNIFE is in favour of the completion of 9 Rail Freight Corridors linking most of the European Regions
- ✓ UNIFE is active in the deployment and promotion of ERTMS as a key instrument to enhance interoperability and pave the way for a real Single European Railway Area
- ✓ UNIFE pushes for the development and integration of new breakthrough technologies into innovative rail product solutions thanks to the newly established rail Joint Undertaking, SHIFT²RAIL

Objectives of the UNIFE Freight Committee



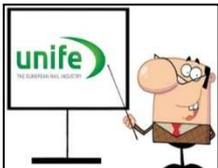
To explore and prepare common R&D projects via available EU funding opportunities



To actively participate in the definition of EU policies dedicated to rail freight on behalf of the European Rail Industry



To represent the European rail industry in discussions on Standardisation and Regulation activities



To participate in EU-level events as speakers, such as the European Rail Freight Days



Freight Committee members



Main future technological challenges

- ✓ Unification and digitalization of all freight documents including interfaces standardization and automation in Rail Freight
- ✓ Definition of the requirements of the wagon keepers and dialogue with the industry about how to implement the innovations in the freight wagons.
- ✓ EU strategies to support modernization of freight rail, including replacement of fleets and intelligent rolling stock
- ✓ Real-Time wagon tracking/monitoring systems

A new Public-Private initiative for rail in Europe: SHIFT²RAIL

- ✓ **SHIFT²RAIL** will invest **€920 Million EUR** in railway research and innovation through an integrated and coordinated approach over the next 7 years
- ✓ It will help to make rail research and innovation funding across the EU more efficient, coherent and less risky, thanks to the sharing of financial, human and infrastructure resources, leading to economies of scale and reduced costs for all partners involved
- ✓ **Technologies for Sustainable and Attractive European Rail Freight** (€80 Million EUR)
- ✓ **Objective:** to secure and strengthen rail's market position in current shipping and logistics markets while at the same time enabling it to enter into new or lost market segments



Thank you for the attention!