

# 13<sup>th</sup> UIC Sustainability Conference



## ***railpower***

Workshop Digital Communication  
and Energy Efficiency

*ÖBB-Infrastruktur AG*  
*Harald Jony*



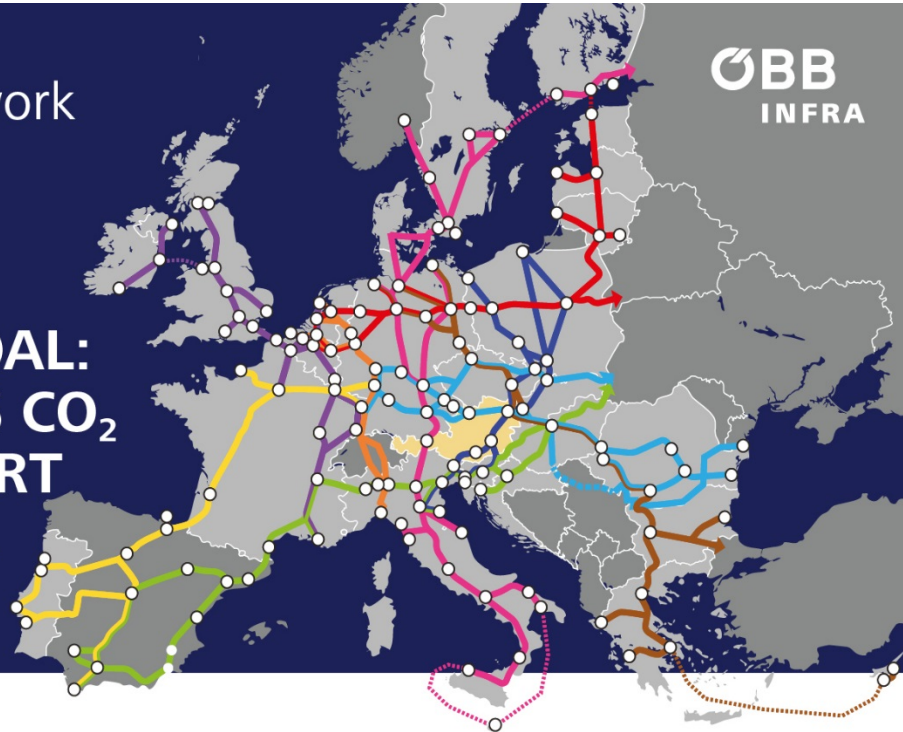
12, 13, 14 October 2016

# Trans European Network Rail

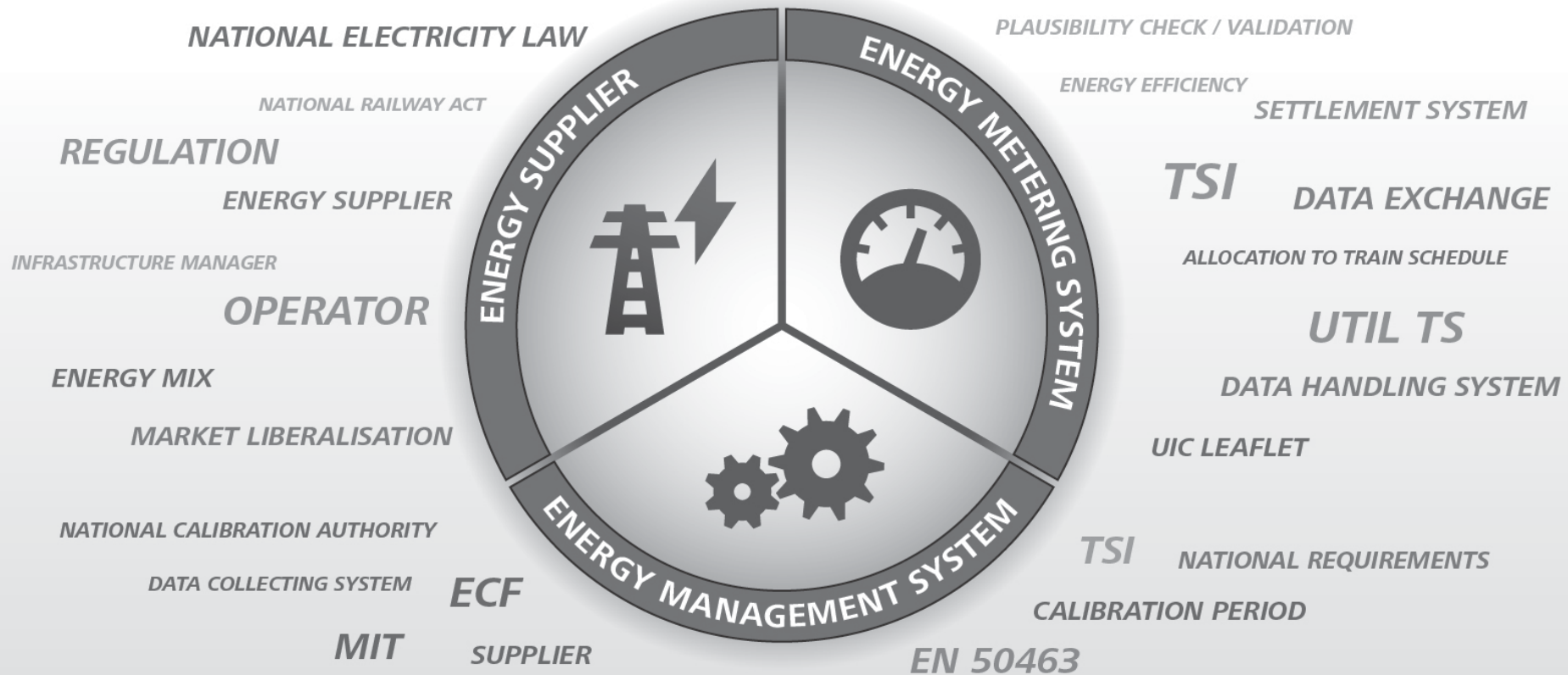
Trans European Network  
(Transport)

**DECLARED EU GOAL:  
60 PERCENT LESS CO<sub>2</sub>  
IN THE TRANSPORT  
SECTOR BY 2050.**

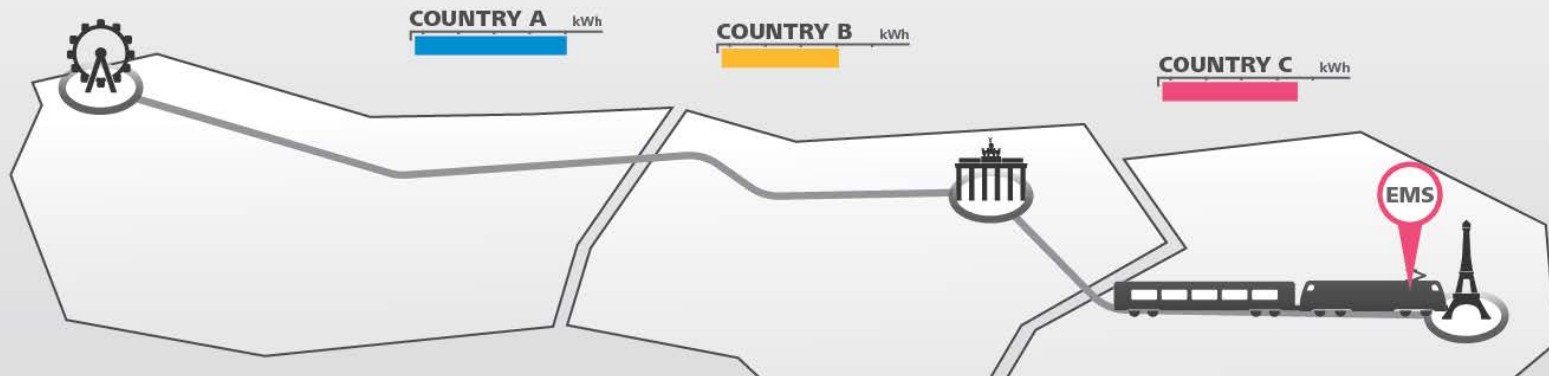
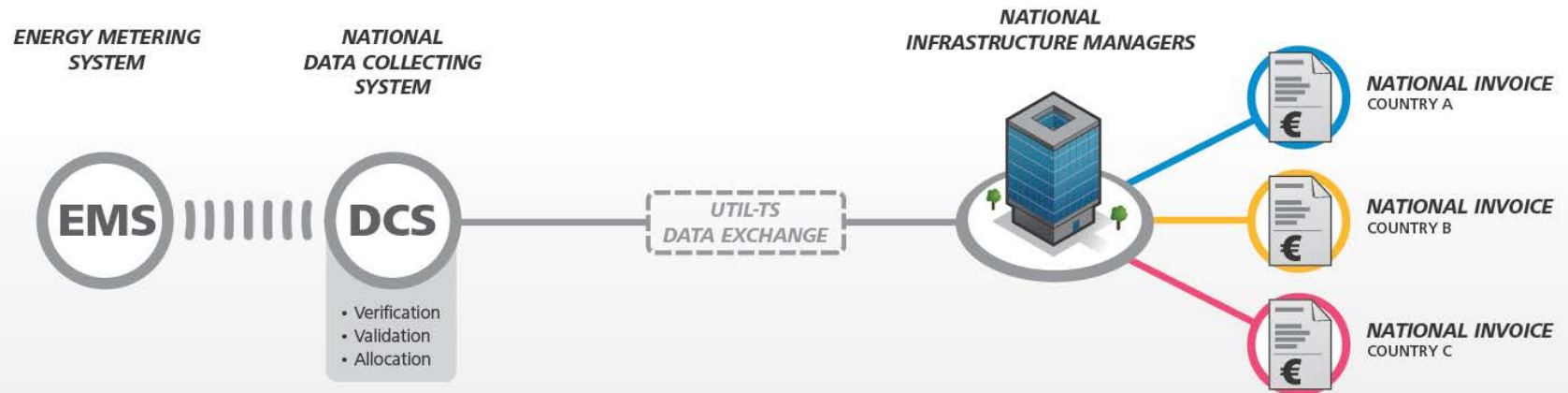
- Baltic-Adriatic
- Rhine-Danube
- Scandinavian-Mediterranean
- Orient/East-Mediterranean



# Components of Supply



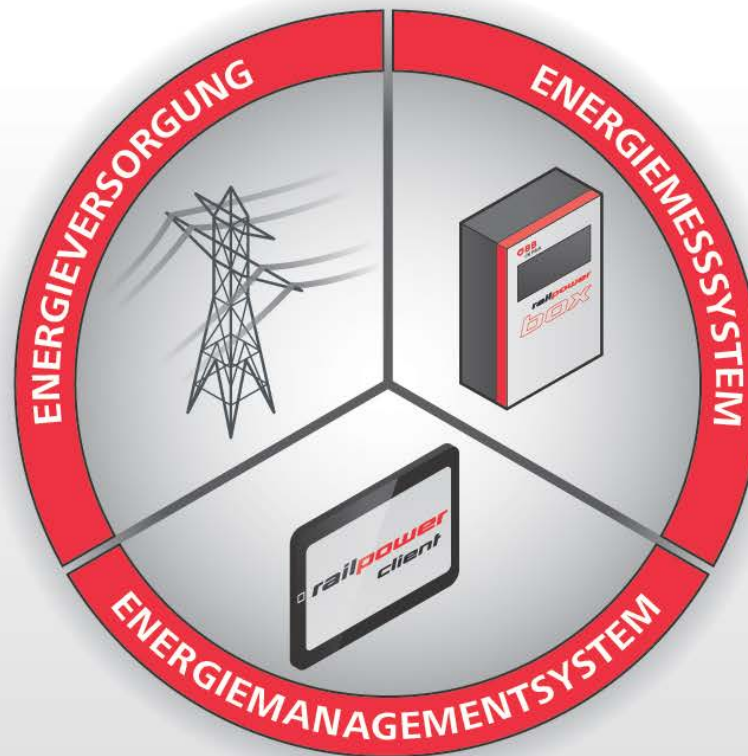
# Current Market in Europe



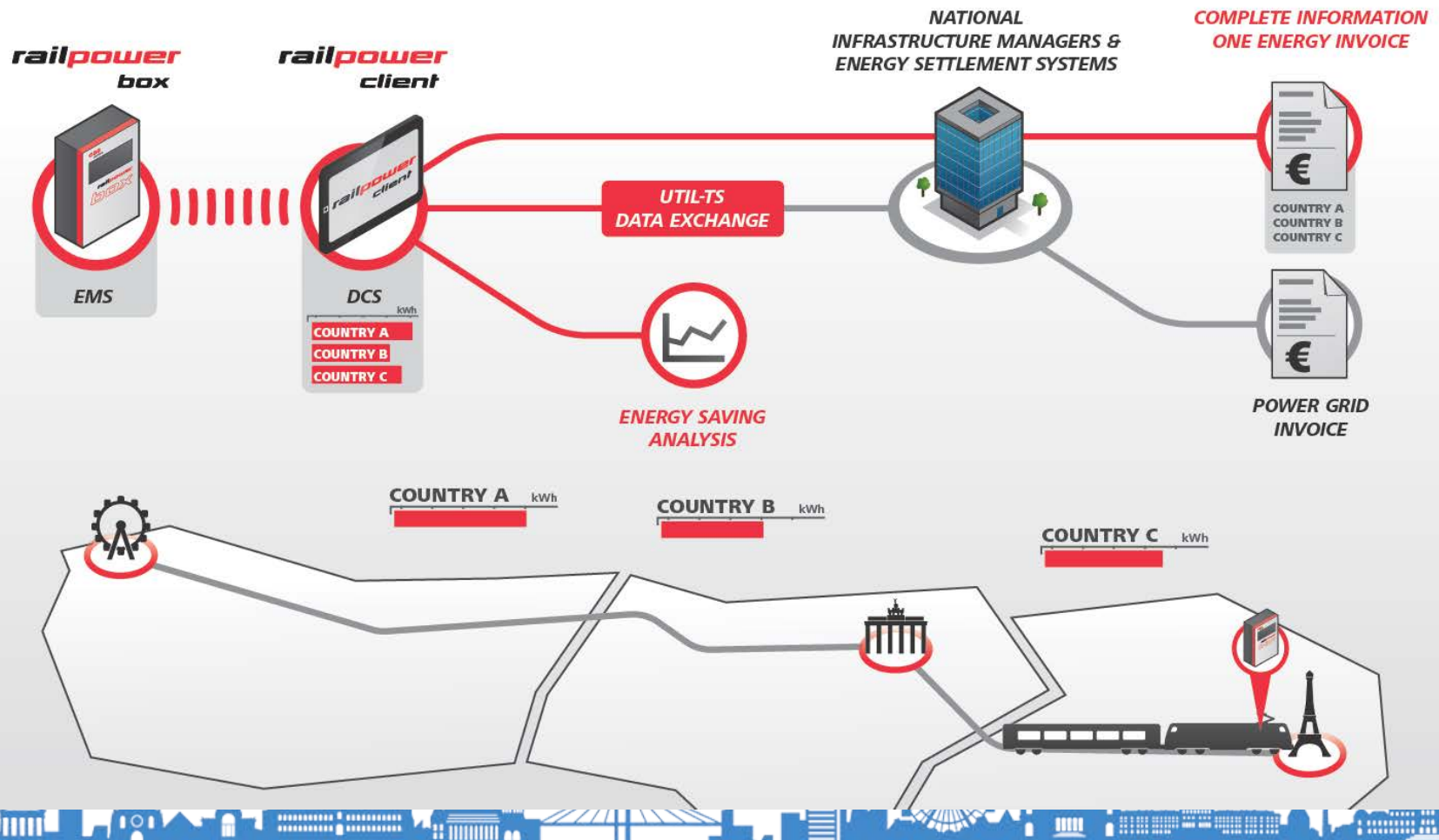


# One Railway Energy Market

**railpower**



# One Railway Energy Market



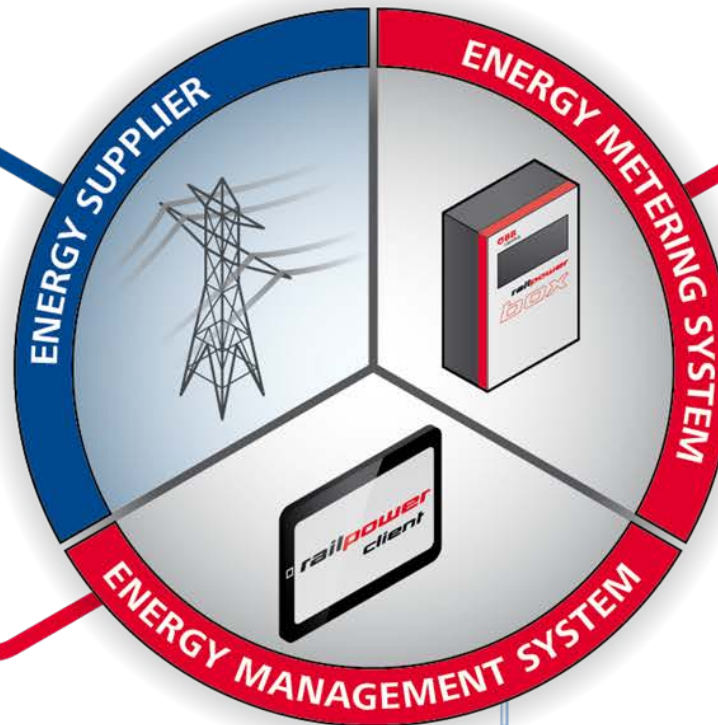
# Example Germany

THE SUSTAINABLE ENERGY  
PROVIDER IN GERMANY

**Verbund**

**railpower**  
client

INTERNATIONAL PLATFORM FOR  
ENERGY DATA OF RAILWAYS



ENERGY METERING SYSTEM  
FOR FUTURE RAILWAYS

Customers



**box**Xpress.de



# Advantage of One Market

## CONVENTIONAL TRACTION POWER



1.000 €

## **railpower**



10% ENERGY EFFICIENCY



7% PRICE



10% RESSOURCE &  
DATA MANAGEMENT

730 €

**27% SAVINGS**