



МЕЖДУНАРОДНЫЙ  
ТРАНСПОРТНО-ЛОГИСТИЧЕСКИЙ ФОРУМ

**PRO//ДВИЖЕНИЕ.1520**

28-30 ОКТЯБРЯ 2019

## **International Transport and Logistics Forum "PRO// Motion.1520"**

### **The railway in the future - Intermodal Strategies**

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**Sochi, 29.10.2019**

## Hupac – our activities



**926,000 road consignments**

**1,720,000 TEUs**

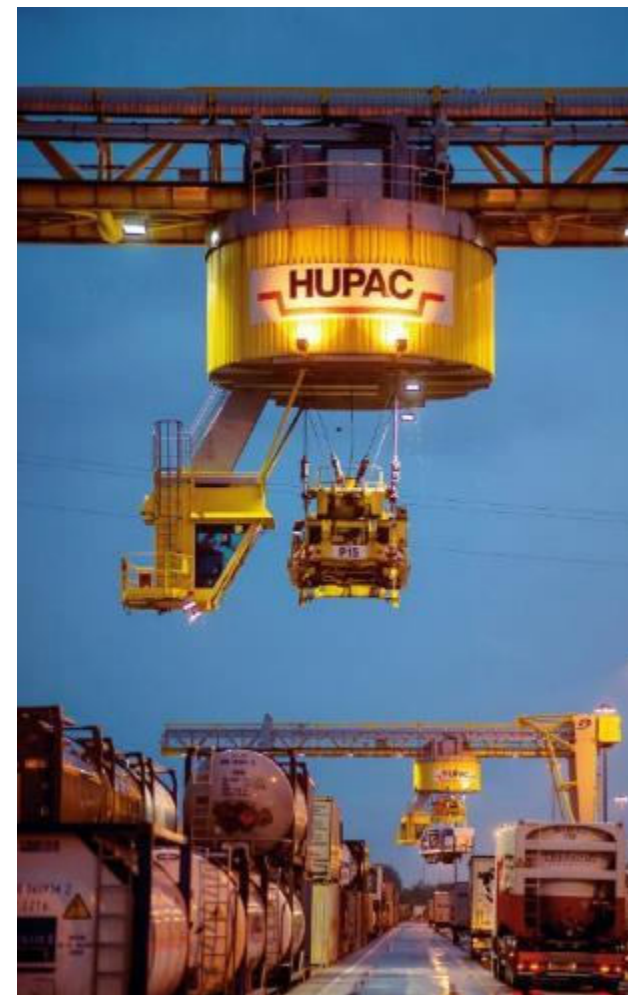
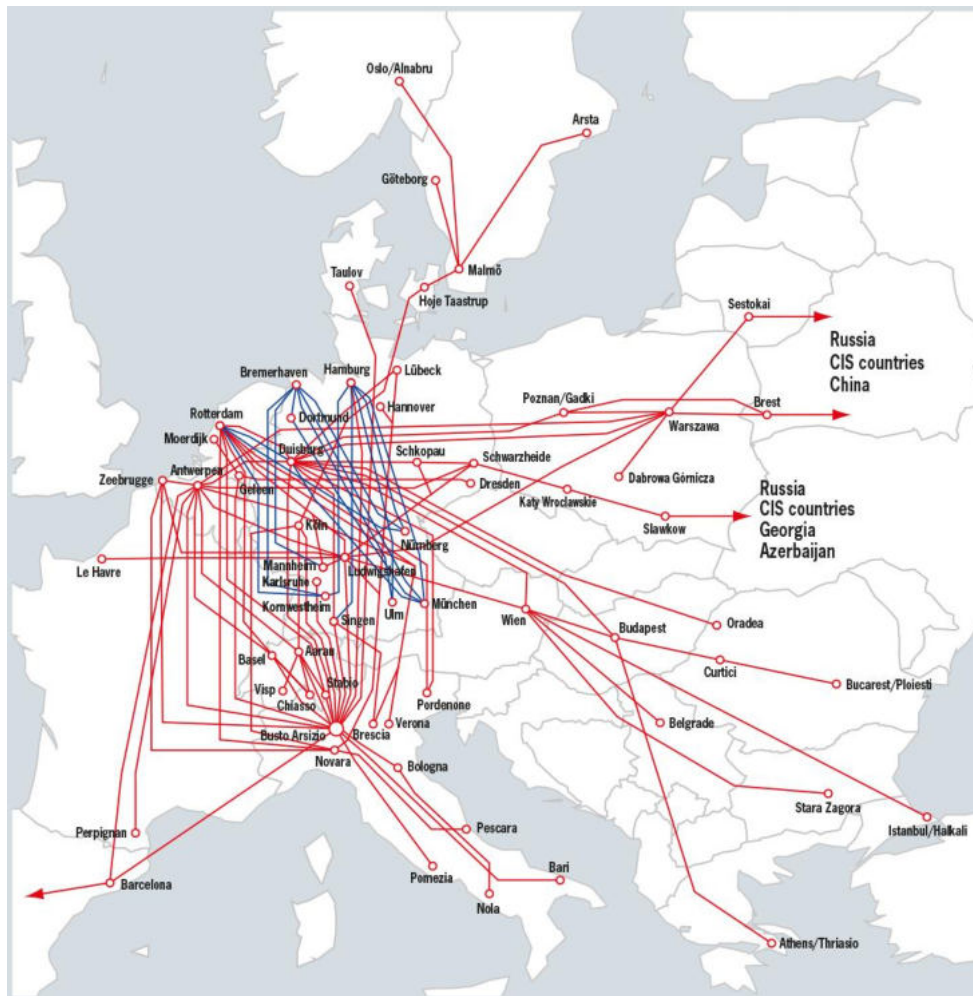
**130 trains per day**

**526 employees**

## 6,900 rail platforms

## 100% low-noise wagon fleet

## EUR 500 million turnover





**A good development of logistics is high important for all countries**  
**Becoming modern, efficient, productive, fast, reliable.**



- ➔ **Competitiveness and Innovations**
- ➔ **Digitalization**
- ➔ **Productivity – Locomotive running free in the rail network as trucks are going on the road**

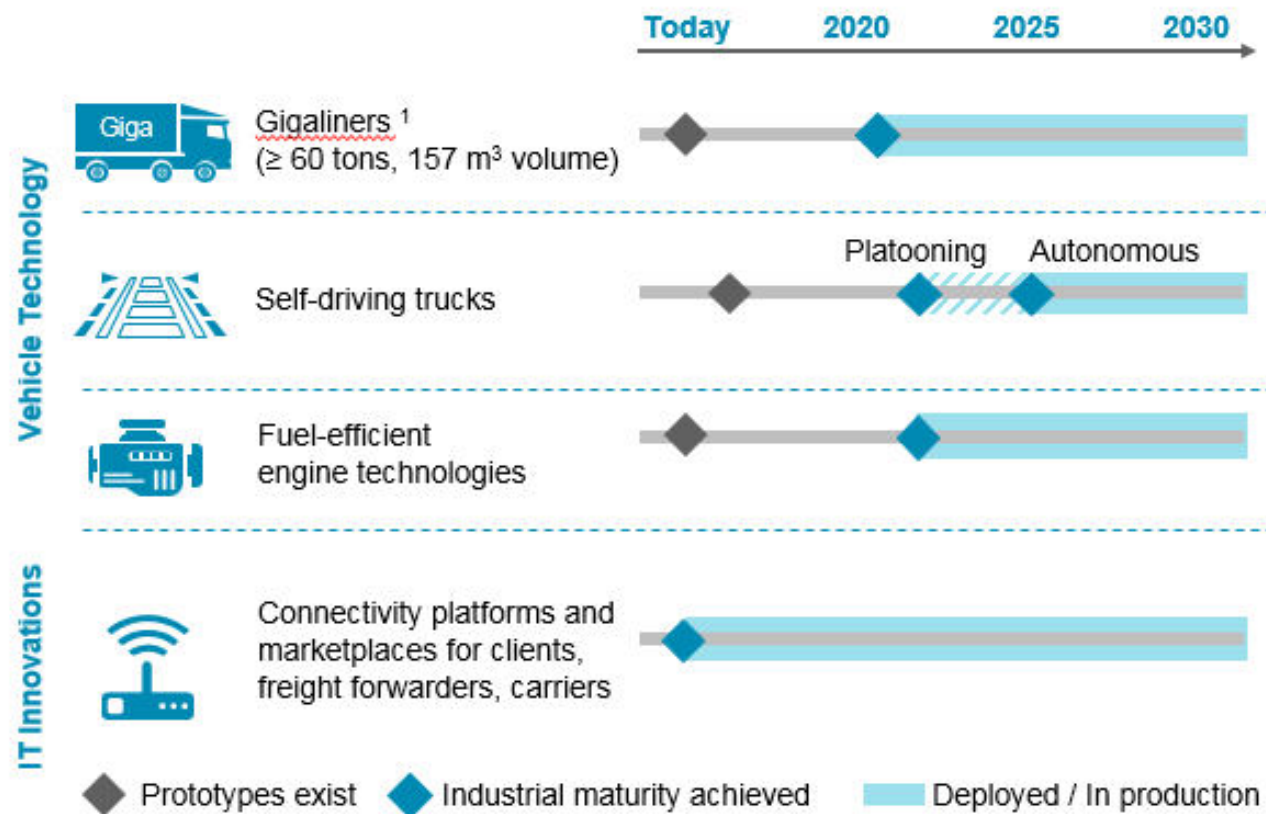
## Competitiveness of road and alternative modalities ↗↗

Production costs

Low fuel prices: impact minus 5-7%

Innovations

Enormous productivity boost: potentially up to minus 25%



# Digitalization



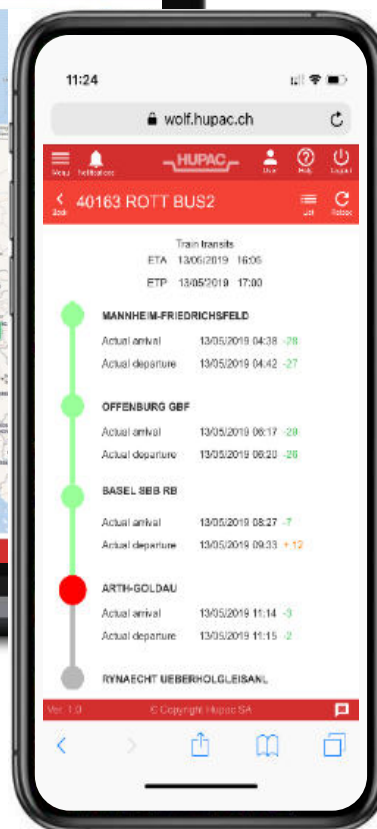
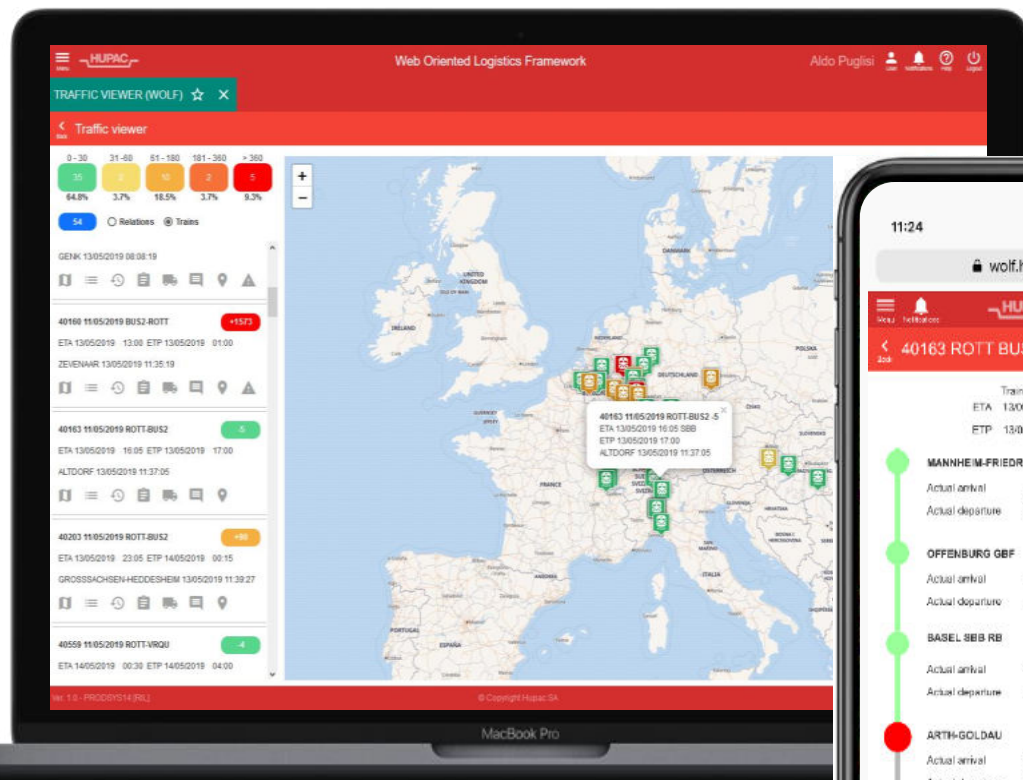
Precise localisation of trains with tracking of train movements



Notification when train enters and leaves defined areas (terminal, border station, etc.)



Train ETA: Estimated Time of Arrival  
Unit ETP: Estimated Time of Pick-up



## **Increase of the productivity of Multimodal transport**

### **Infrastructure**

- ➔ Longer and heavier trains: in addition harmonisation in Europe as well as between 1435 EU, 1520 and in China

### **Simplification of communication among the railways in the Eurasian platform**

- ➔ Telegraph.....among all the railways.....solutions to overtake this system
- ➔ Customs clearance operations: please just one language and one form.

### **Cost of empty positioning**

- ➔ A reduction of costs for empty container and empty wagon positioning

### **Harmonization of rules**

- ➔ Harmonization among all railway networks

### **BIG DREAM**

- ➔ Even Russian RZD locomotive running in Europe







## Combined transport – future-oriented system

**EU target:** transportation > 300 km on rail or ship; 2030 = 30%, 2050 = 50%

**Transiberian route Target:** 2 Mio. Teus in transit within 2025

Standardized system	Advantages for all
	
<ul style="list-style-type: none"><li>➤ Hundreds of thousands of standard loading units (containers, swap bodies, semi-trailers)</li><li>➤ 700 terminals and ports</li><li>➤ 60,000 rail platform</li><li>➤ 2,000 cargo locomotives</li><li>➤ Long-term system commitment</li></ul>	<ul style="list-style-type: none"><li>➤ 5.9 billion EUR turnover</li><li>➤ 41,000 jobs</li><li>➤ 18.1 million tons CO<sub>2</sub> reduction</li><li>➤ 2.2 billion EUR less external costs</li></ul>



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**Thank you for your attention!**

