



## Keynote address

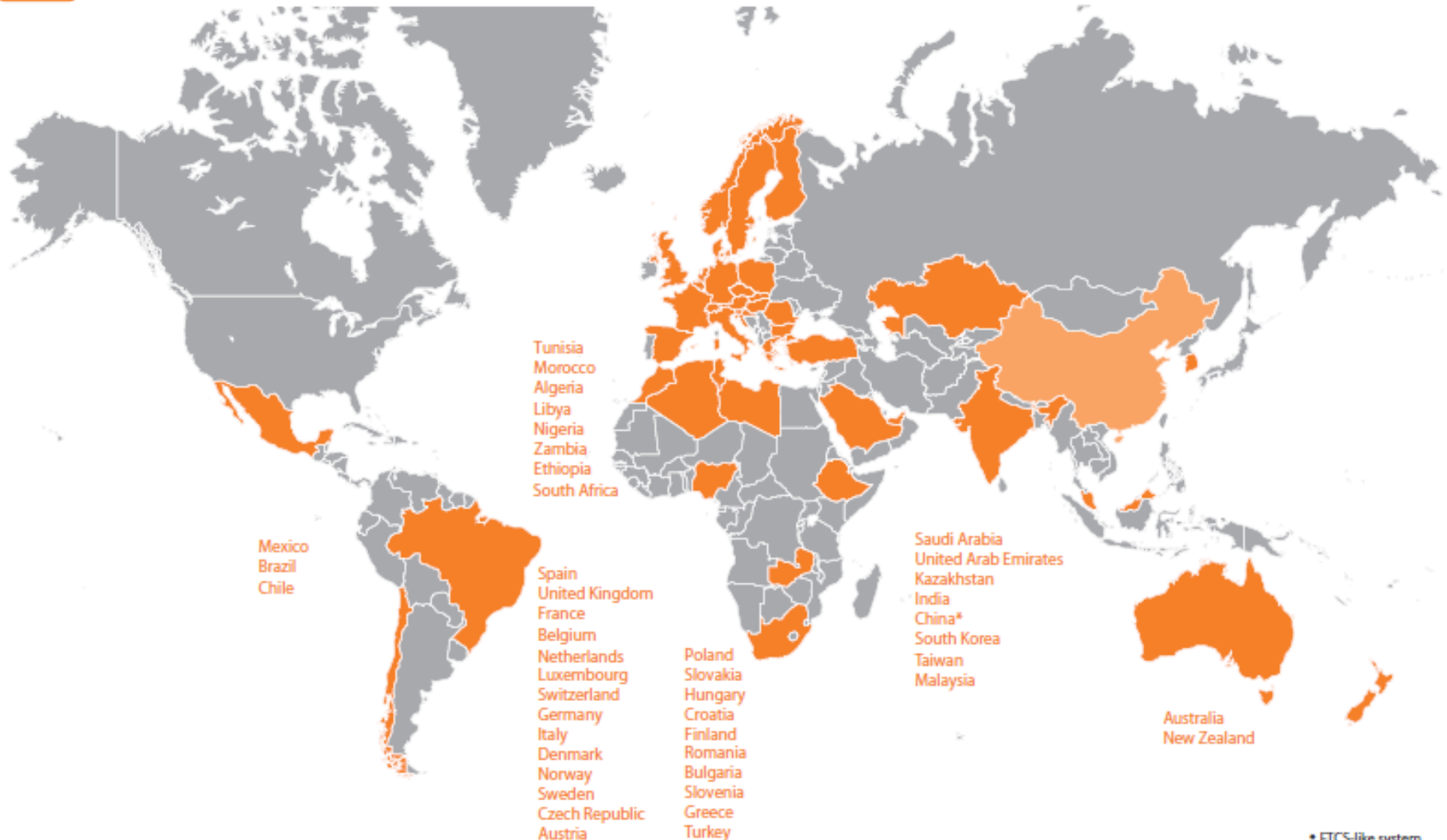
**Philippe Citroën**  
**Director General - UNIFE**





## Global ERTMS Deployment by Country

Source: UNIFE March 2016

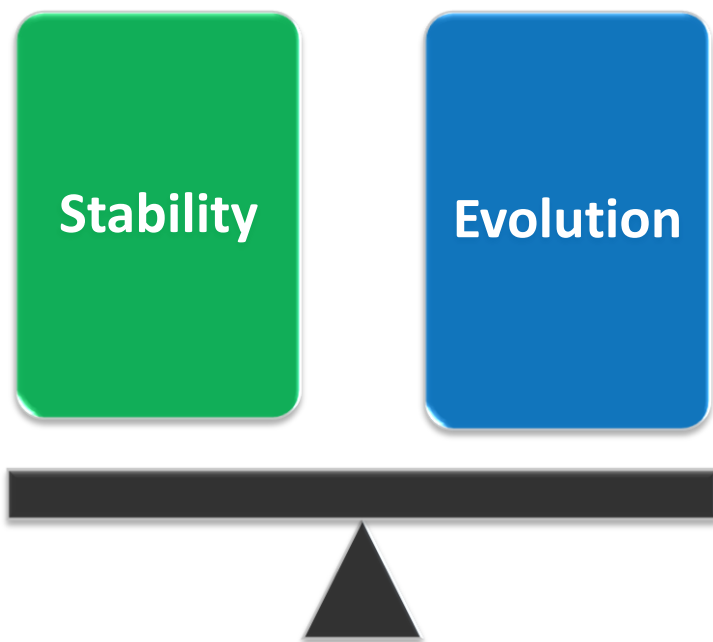




- **UNIFE represents the European Rail Supply Industry**
- **Based in Brussels since 1992**
- **The trusted partner of European and International Institutions in all matters related to rail and transport**
- **Full members:**  
Over 80 of the largest and small and medium-sized companies in the rail supply sector
- **Associated members:**  
17 including 15 National Associations), representing almost 1000 suppliers of railway equipment
- **UNIFE members have an 84% market share in Europe and supply more than 46% of the worldwide production of rail equipment and services.**



- **Discipline** within the sector is needed to **guarantee interoperability**
- **Fourth Railway Package** gives an increased role for the **European Railway Agency**: ensure interoperability of ERTMS trackside projects
- **“Connecting Europe Facility”**: vital for the **financing of ERTMS deployment**
- **Discussion and coordination at level of EU Member States is also key for success**



- The new version of the ETCS specifications (“Baseline 3 Release 2”) has been adopted
- Priority to **stability**: No “release” before 2022
- Evolution needs to be aligned with the **needs of the market** to further increase performance
- “ERTMS Long Term Strategy” will provide guidance to the sector for new functionalities

- First system wide European Rail R&D initiative
- **€ 920 million** budget until 2020 under Horizon 2020
- Support the rapid and broad deployment of **advanced traffic management and control systems**

ATO

ETCS Level 3

Next Gen.  
Communications

Satellite  
positioning

# UNIFE – Promoting rail market growth for sustainable mobility