

Creating the Future Railway for the North West



**North West
Rail Industry**
Leaders Group

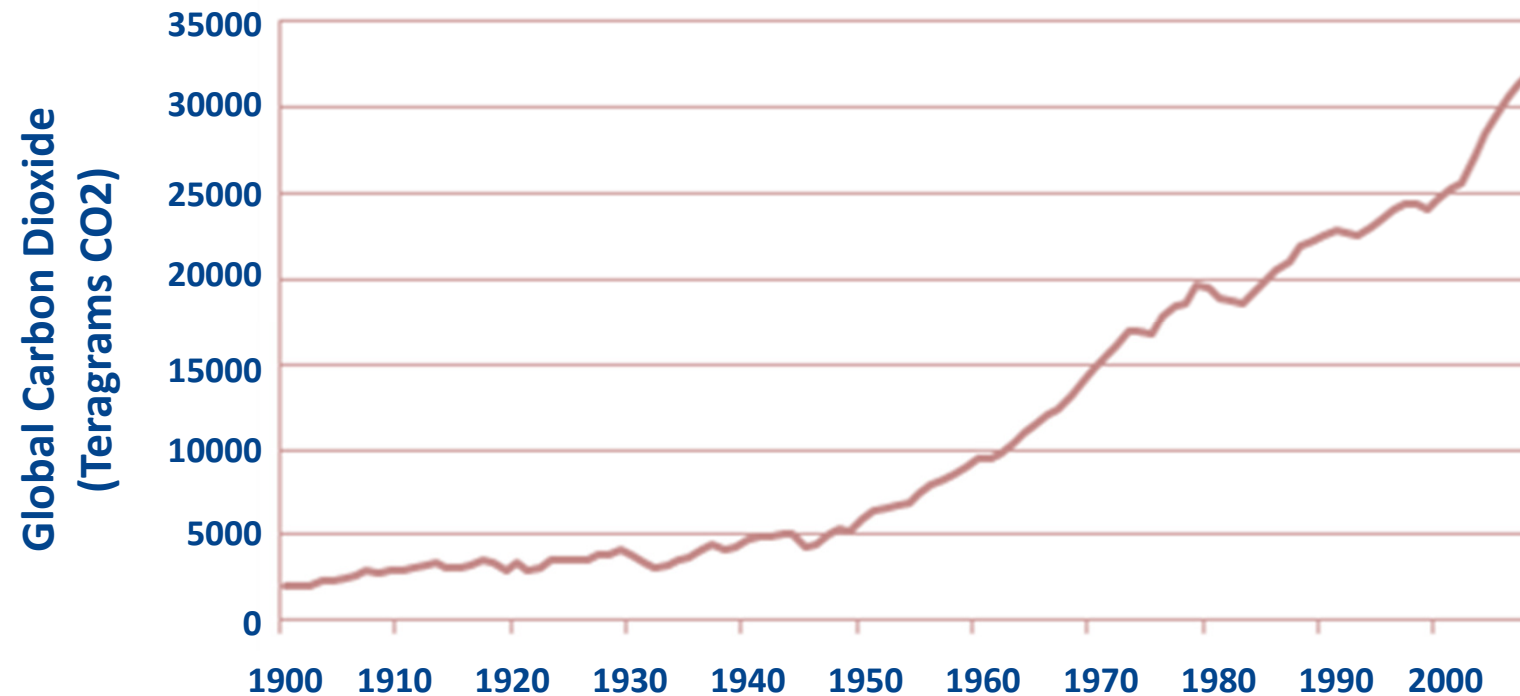
① Context and need for innovation in UK Rail Industry

② North West Rail Industry Leaders Group

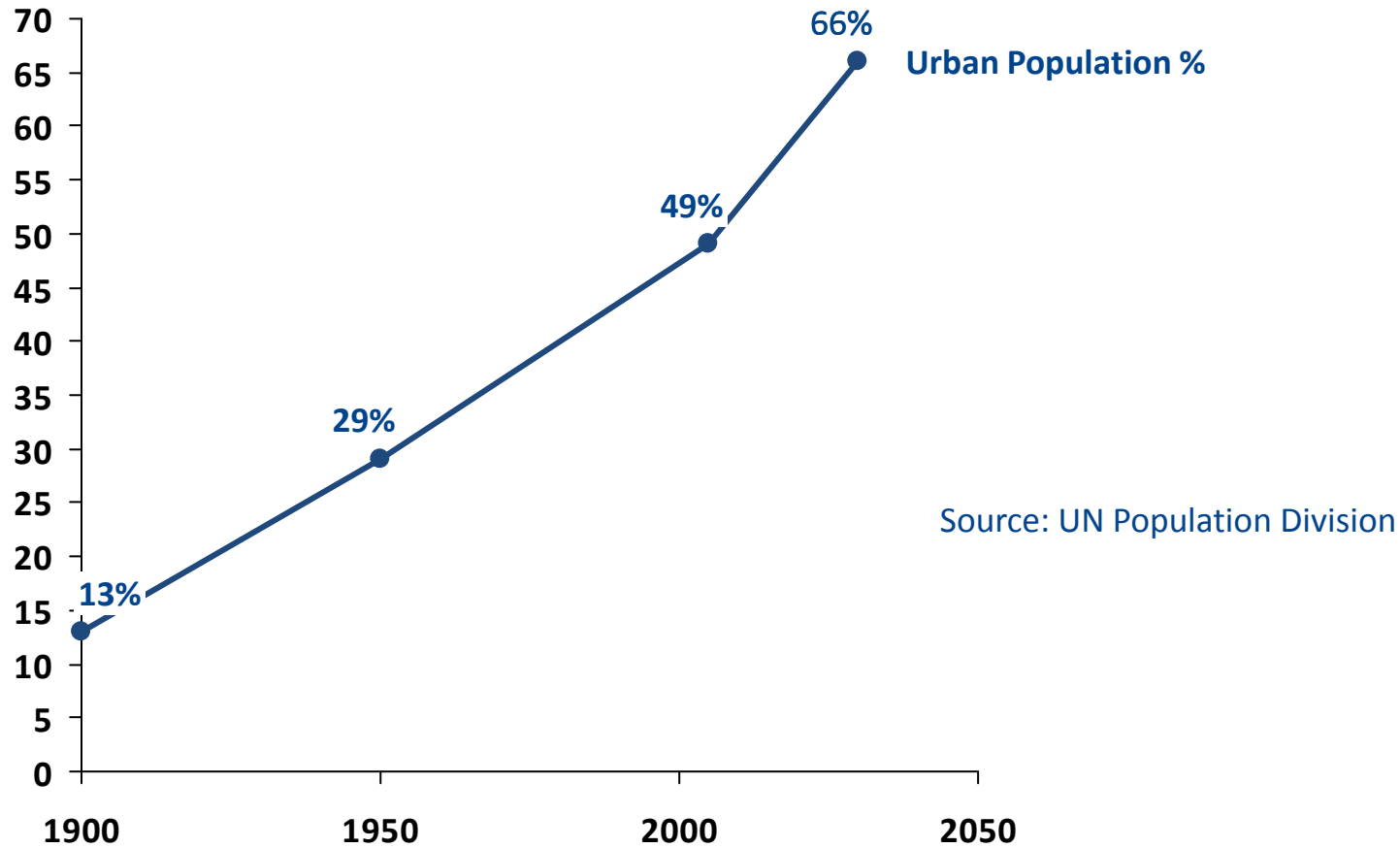


Environment

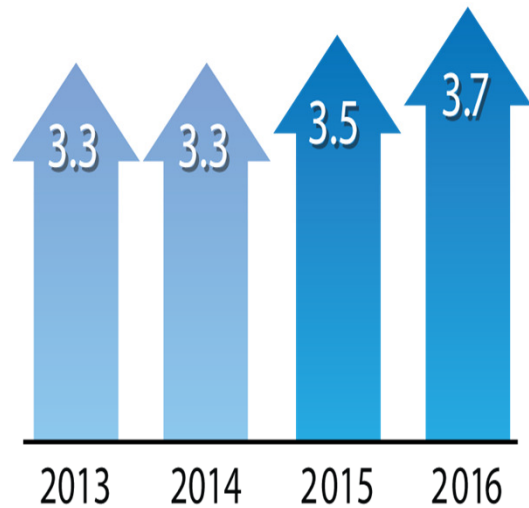
Global Carbon Dioxide (CO₂) emissions from fossil-fuels



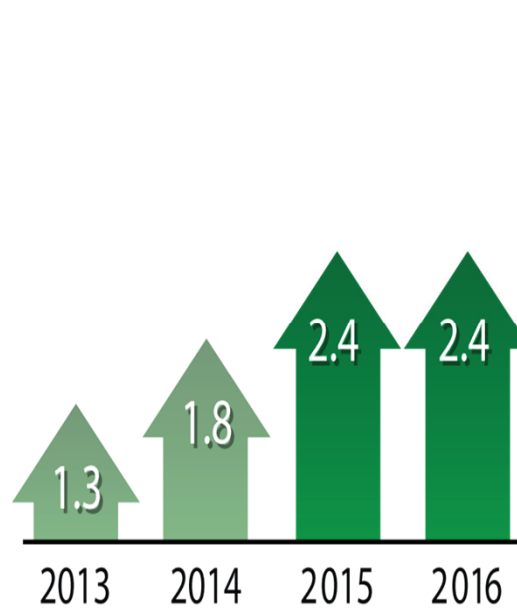
Urbanisation



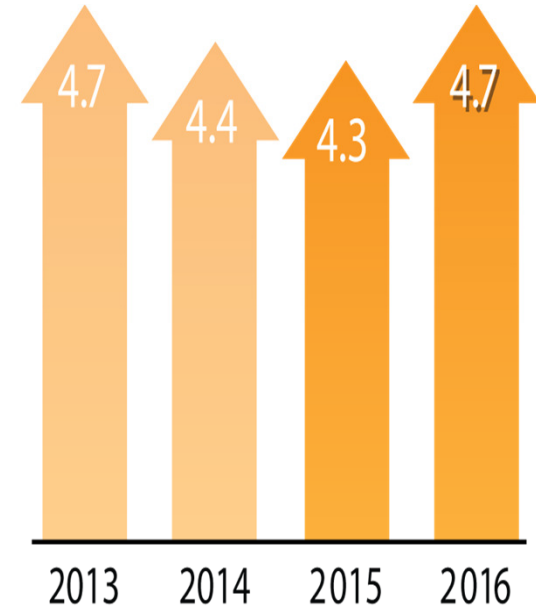
Global Growth



**Global
Economy**



**Advanced
Economies**



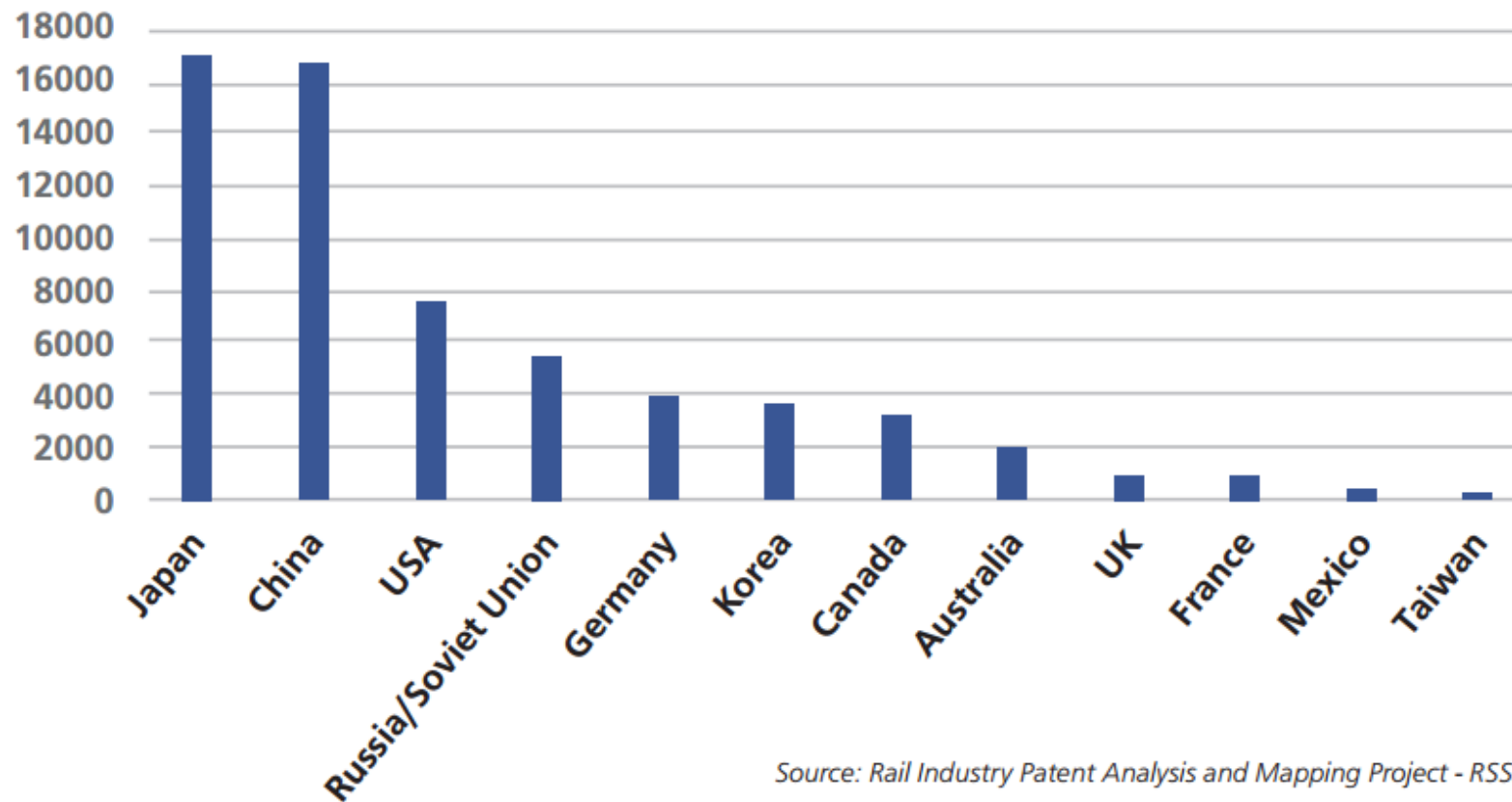
**Emerging Markets &
Developing Economies**

Technology

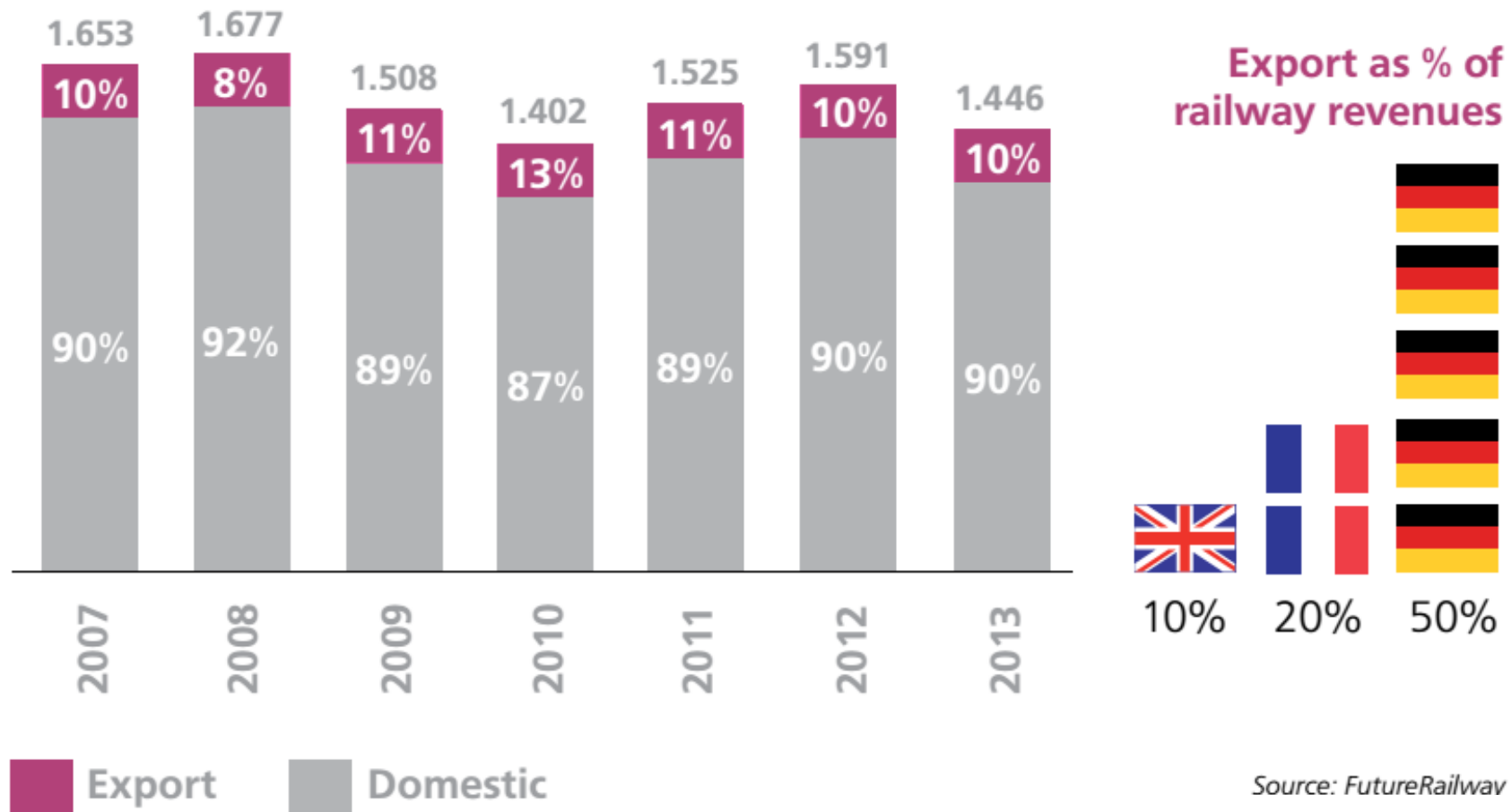


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Total Rail Patents 1984-2013



UK Rail Equipment & Manufacturing Revenues (£bn)

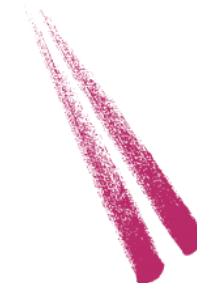


North West Rail Industry Leaders Group

- Formed by GMCC in 2015
- Brings together NW Rail Industry
- Manufacturing, Service, Academia, Institutions
- Three Key Pillars
 - Promotion of NW Rail Industry inc SMEs
 - Skills
 - Interconnected Travel Experience

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