

# SPAIN

## Ongoing/Future Projects in the Railway Sector

Benefiting from Government Spending in  
France, Germany and Spain

**Birmingham Repertory Theatre, 7 July 2009**

## Spain: The “Plan E”

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### The Spanish Government’s “Plan E”

- €165 billion ...of which almost €150 bn in support of the financial/banking system (and to allow credit into SMEs)
- Remainder in short-term municipal initiatives, new project initiatives and tax cuts
- The funding for new project initiatives add on to extant projects (including railways)



# Spain: General



## Spain: The “Technological Fund”

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€2 billion EU funding to stimulate R&D  
investment in Spain over the period 2007-2013

...of which €17 million set aside to encourage  
foreign companies...

Funding can be used in several ways -even to  
subsidise 3rd party market research studies

## Spain: HS network

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Development of the **High Speed network**

Current High Speed Lines: roughly 1,500km

- Madrid-Seville (1992) 300km/h - 471km
- Madrid-Barcelona (2003-08) 350km/h - 621km
- Madrid-Toledo (2005) 250km/h - 21km (ext)
- Madrid-Valladolid (2007) 350km/h - 180km
- Córdoba-Málaga (2007) 350km/h - 155km

New HSL in UIC gauge, 25kV AC and  
migrating to ERTMS2

## Spain: HS network

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Development of the **High Speed network**

Future High Speed Lines: roughly 1,500km

- By 2012, expected to become the world's largest network (ahead of France and Japan)
- By 2020, around 20,000km in service -to reach all provinces and major cities
- Mostly mixed passenger/freight traffic
- Madrid-Lisbon axis in service by 2013

## Spain: Urban Transport Projects

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### Future Underground and Tramway networks

- **Santander**, metro & tram (approved) 30km
- **Basque country**, Bilbao metro & tram (under construction)
- **Zaragoza** tramway (construction to start late 2009)
- **Barcelona** metro (lines 9&10 under construction - longest line in Europe with 47km)
- **Madrid** metro (extension work on 4 lines)
- **Toledo** tramway (€140m budget on PPP scheme, construction to start in 2009)
- **Mallorca** tramway (pending approval) 32.5km
- **Valencia** metro (under construction) 53km
- **Alicante** tramway (extension to the Airport)
- **Murcia** tramway (feasibility study) 4 lines projected
- Andalucia (metros in **Seville** and **Malaga**; trams in **Jaen**, **Jerez** and **Bahia de Cádiz**)

## UK TRADE & INVESTMENT

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Fernando Pons  
Trade and Investment Officer  
British Embassy,  
Madrid  
[fernando.pons@fco.gov.uk](mailto:fernando.pons@fco.gov.uk)  
[www.uktradeinvest.com](http://www.uktradeinvest.com)

# UK TRADE & INVESTMENT



  
British Embassy  
Madrid

La Embajada Británica y  
el Consulado General Británico  
se trasladan a su nueva sede

Torre Espacio  
Paseo de la Castellana 259D  
28046 Madrid

[www.ukinspain.fco.gov.uk](http://www.ukinspain.fco.gov.uk)

  
**Fernando Pons**  
Senior Trade and Investment Adviser  
Tel.: 917 146 338  
Email: fernando.pons@fco.gov.uk

**Isaac Morillas**  
Trade and Investment Adviser  
Tel.: 917 146 337  
Email: isaac.morillas@fco.gov.uk

