Romania – a HS railway aproach
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1. About CLUB FEROVIAR

- Railway and multimodal transport business consultancy services
- Railway Business Club networking
- Business-matchmaking
- Institutional & governmental Lobby
- Cross-media communication

April 09, 2013 / TER 34th SC Brno

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Objective:
The development of strong, competitive, integrated regional and Eurasian RAILWAY BUSINESS ENVIRONMENT
1. About CLUB FEROVIAR
2. Romania at a glance

COUNTIES GROUPING, BY MACROREGION AND DEVELOPMENT REGION

MACROREGION 1
(NORTH WEST - CENTER)
Population: NORTH WEST - 2,029,338
Trans Network: NORTH WEST - 642.8 km c.s.
Railway Network: NORTH WEST - 1,668 km
CENTER - 1,137 km

MACROREGION 2
(NORTH EAST - SOUTH EAST)
Population: NORD EASTEAST - 3,714,050
Trans Network: NORD EASTEAST - 5,212,735
Railway Network: NORD EASTEAST - 90,5 km c.s.
CENTER - 105,9 km
SOUTH EASTEAST - 1,749 km

MACROREGION 3
(SOUTH MUNtenia - SOUTH OLtenia)
Population: SOUTH MUNtenia - 2,271,207
Trans Network: SOUTH MUNtenia - 78,1 km c.s.
Railway Network: SOUTH MUNtenia - 1,321 km
CENTER - 1,137 km
SOUTH OLtenia - 898 km

MACROREGION 4
(WEST - SOUTH OLtenia)
Population: WEST - 1,921,700
Trans Network: WEST - 207,7 km c.s.
Railway Network: WEST - 1,069 km
CENTER - 1,137 km
SOUTH OLtenia - 18,6 km c.s.
3. Intercity railway system

Main figures

Length of railway network: 10,818 km of which:
- electrified line 4,002 km
- non-electrified line 6,816 km
- double track line 2,909 km
- single track line 7,771 km

Bridges and culverts:
- 17,170 (of which 4,216 bridges) – total length of 143,65 km.

Tunnels:
- 177 - total length 6,809 km

Total number of stations:
- 969

Railway operators

Freight: 20
Passengers: 4
Freight and Passengers: 4
4. Railway passenger market features

a. Passengers transported (thousands)

- 2008: 700,000
- 2009: 650,000
- 2010: 600,000

b. Turnover of the main private railway passenger operator (EUR million)

- 2008: 15
- 2009: 40
- 2010: 50

- a. Source: Ministry of Transport and Infrastructure statistics 2011
- b. Source: Ministry of Finance, 2011
4. Railway passenger market features

a. Operations

- 80% of the railway passenger market belongs to CFR Călători
- Strong development of private passengers operators based on the rebirth of the industrial areas and commuters segment

b. Rolling stock

- The acquisition by CFR Călători of 45 EMU, worth EUR 200 million is expected in the near future.
- High interest in refurbished DMUs acquisition by private operators
- Rolling stock manufacturers and components clusters in Arad, Cluj, Craiova and Suceava
- National tramway fleet is very old and tender acquisitions for new rolling stock are expected during the next couple of years. The market for new trams is estimated at EUR 2.5 bn
- Metrorex rolling stock acquisition plans 2011-2014: 21 trains for Section 1 on Line 5 Drumul Taberei – Universitate
4. High speed railway line - first governamental project
5. Railway industry HSL proposals

- **București – Cluj**
  400 Km (București-Pitești–Sibiu-Cluj)
  Total budget: \(300 \times 25 = 7.5\) Miliarde €

- **București – Iași**
  400 Km (București-Ploiești–Buzau–Bacău-Iași)
  Total budget: \(400 \times 15 = 6\) Miliarde €

- **București – Timișoara**
  550 Km (București-Pitești–Craiova–Tg. Jiu-Timișoara)
  Total budget: \(550 \times 25 = 12.5\) Miliarde €
5. Railway industry HSL proposals

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  - 400 Km (București-Ploiești-Buzau-Bacău-Iași)
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- **București – Timișoara**
  - 550 Km (București-Pitești-Craiova-Tg. Jiu-Timisoara)
  - Total budget: 550 * 25 = 12.5 Miliarde €

**Cluj – Timișoara**
Cluj-Oradea-Arad-Timisoara
6. Railway industry HSL proposals - regional impact
7. Railway industry HSL proposals - regional impact

Investitie:
- Reabilitare infrastructura (500 Km) - 650 Mill €
- Refacere stații, parcari, accește auto - 200 Mill €
- Material rulant (50-60 Rame) - 250 Mill €
7. Railway industry HSL proposals - regional impact
Thank you for attention!

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