Pakistan
Country Presentation

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GM (Operations)/CEO Pakistan Railways
Important Facts

• Successor of one of the old civilizations
• Came into being on 14th of August, 1947
• Area: 8 lac square kilometers
• Population: Approximately 180 millions
• Constitution of Pakistan 1973 (Federalism)
• Islamic Republic of Pakistan
Political and Administrative Structure

• Three Tiers of Government (Federal, Provincial and District)
• Five Provinces (Punjab, Sindh, Balochistan, Khyber Pakhtunkhwa, Gilgit Baltistan)
• Karachi is the largest city followed by Lahore
Archaeological Treasure

• Mohenjo Dharo and Harrapa are the most significant archeological sites of Indus Valley Civilization (5000 years old)
• Taxila dates back to Gandhara period and an important center of Hindu and Budhist’s religious tradition
• Mehar Garh and Kot Diji are even ancient than Indus Valley sites according to modern studies
Tourist Attractions

- Beautiful Country with immense cultural and heritage value
- Makran Coast line has dazzling natural sand beaches
- Silk Road carries the tradition of antiquity of connecting the region through trade. Traversing through Hunza and Gilgit Valley with mighty Indus in sight
- Archaeological Wonders of the world
Tourist Attractions

• Historical monument such as Badshahi Mosqu, Shalamar Gardens, Rohtas Fort, Shrines, holy places of Sikhs and Budhists etc
• National Parks representing flora and fauna
• Museums in Lahore, Taxila, Peshawar are extremely valuable treasure
• Northern Areas of Pakistan: One of the most beautiful and sought after tourist destinations
• Paradise for hiking and mountaineering
Economy of Pakistan

- Pakistan is an important player in the region
- Economy ranked 27th in the world according to PPP
- 53% of GDP comes from service sector
- Industry accounts for 25% of GDP
- 22% is agriculture and Livestock
- Average GDP growth rate 5% since 1952
ML-1 Karachi-Hyderabad-Rohri
Khanewal-Lahore-Rawalpindi-Peshawar (Km-1681)
ML-2 Kotri-Dadu-Jacobabad- DG Khan-
Kot Addu-Daudkhel-Attock -Peshawar
(Km-1519)
ML-3 Rohri-Sukkur-Sibi-Quetta-
Dalbandin-Taftan (Km-966)

Legend
- ML-1 (Karachi-Peshawar via DGKhan)
- ML-2 (Karachi-Peshawar via DGKhan)
- ML-3 (Rohri-Taftan)
- PR Existing Network
PR’s Initiatives for Up-gradation of Network
New Projects

- Provision of Rail Link between Gawadar and Mastung (901Kms)
- Up-gradation/realignment & improvement of track SIBI-Spezand (116Kms)
- GITA Traffic via Taftan to Chaman
- Rail Link between Havelian to Pak-China Border (662Kms)
Coal plants and line capacity over Main Line-1

Legend:
- ML-1 (Karchi-Peshawar via DGKhan)
- ML-2 (Karchi-Peshawar via DGKhan)
- ML-3 (Rohri-Taftan)
- PR Existing Network

- Capacity available
- Constraint area
- Upgradation in progress
High Speed Rail Link Peshawar - Karachi

Route Length : 1681 Km
Total High Speed Track : 2050 Km
Stations : 15
Speed : 250Km/h
Tunnels : 5 (4 Km)
Bridges : 2000 (21 Km)
Gauge : Standard (1435mm)
Approx. Cost : US$ 68.00 billion
Up-gradation of Quetta - Taftan

- Route Length: 680 Km
- Tunnels: 04 (1.1 Km)
- Bridges: 67 (0.8 Km)
- Gauge: Broad (1676mm)
- Completion Time: 04 Years
- Approx. Cost: US $ 0.6 Billion
Proposed Rail Link for Economic Corridor

<table>
<thead>
<tr>
<th>Section</th>
<th>Length (Km)</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Gawadar - Basima</td>
<td>623</td>
<td>New Track</td>
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<tr>
<td>Basima - Jacobabad</td>
<td>425</td>
<td>New Track</td>
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<tr>
<td>Jacobabad - Havelian</td>
<td>959</td>
<td>Existing Track to be upgraded</td>
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<tr>
<td>Havelian - Khunrjab</td>
<td>682</td>
<td>New Track</td>
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<td><strong>Total</strong></td>
<td><strong>2689</strong></td>
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</table>

New Track = 1730 Km  
Existing Track, to be upgraded = 959 Km
Up-gradation of Main Line

**Speed 120 /140 Km/h**

- Route Length: 1681 KM
- Tunnels: 13 (2 Km)
- Bridges: 2312 (18.70Km)
- Gauge: Broad (1676mm)
- Completion Time: 2 Years
- Approx. Cost: US$ 2.70 billion

**Speed 160 Km/h**

- Route Length: 1681 KM
- Tunnels: 11 (1.34 Km)
- Bridges: 2340 (19.55 Km)
- Gauge: Broad (1676mm)
- Completion Time: 4 Years
- Approx. Cost: US$ 8.00 billion
Regional Connectivity & Pakistan
GEO-PHYSICAL LOCATION
China –Pakistan Rail Link - Advantage of Distance

Western CHINA - 2625 miles

Pakistan - 1750 miles

To Europe - 11845 miles

Shanghai - 2662 miles

Advantage of Distance
<table>
<thead>
<tr>
<th>Country / Region</th>
<th>2012-13</th>
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<th>2013-14</th>
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<td>Exports</td>
<td>Imports</td>
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<td>259,977</td>
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Source: Pakistan bureau of Statistics
WORKING WINDOWS OF CONNECTIVITY WITH NEIGHBOURS
• EAST:
  • SAARC countries via India at:
    • Wahga-Attari-Delhi
    • Khokhorapar-Munabao

• WEST:
  • Central Asia via Iran-Afghanistan at:
    • Chaman-Kandhar
    • Taftan-Zahidan

• NORTH:
  • Central Asia
    • Tourkham-Kabul
• NORTH-EAST:
  • India via
    • Amruka-Bhatinda-Delhi
    • Kasur-Ganda Singh- Ferozpur-Delhi
    • Sialkot-Jammu
  • China via
    • Gawader-Havalian-Khunjarab
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<tr>
<th>Commodity</th>
<th>Received by Pakistan Railways</th>
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<td>Miscellaneous</td>
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<td>Rock Salt</td>
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<td>Sugar</td>
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<td>Empty</td>
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<td>Total</td>
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## GOODS IN TRANSIT TO AFGHANISTAN (GITA)

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<thead>
<tr>
<th>Year</th>
<th>Through Peshawar</th>
<th>Through Chaman</th>
<th>Total (Wagons)</th>
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<tbody>
<tr>
<td>2000-01</td>
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<td>2803</td>
<td>13291</td>
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<td>2001-02</td>
<td>9506</td>
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<td>2002-03</td>
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<td>21077</td>
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<td>2004-05</td>
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<td>2012-13</td>
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</table>
Pakistan – Afghanistan Rail Link (Peshawar – Jalalabad) (Chaman – Spin Boldak)

Total Length 140 KM
Approx. Cost = Rs. 13175 million
PC-II approved

Total Length 12 KM
Approx. Cost = Rs. 1100 Million
PC-I under approval
Conclusions

• Pakistan Railways is well placed to facilitate international transit
• Deficiencies are being recouped
• Regional connectivity has the potential of bringing economic, social and political dividends to the people
• There is considerable progress with China and ECO countries on establishing rail links
• Integration of transportation network is pre-requisite for progress on economic integration of the region
Thanks