Momentum Jharkhand
The Investment Destination
### Indo – Japanese Ties

**Continued Diplomatic Relationship & Collaboration**

<table>
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<tr>
<th>Continued Diplomatic Relationship</th>
<th>Collaborations</th>
<th>Joint Defense Collaboration</th>
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</thead>
</table>

Both the countries have strong relationship across various fields:

- Culture, Education and People-to-People Exchanges
- Science & Technology Cooperation
- Regional and Multilateral Co-operation
- Comprehensive Economic Partnership Agreement (CEPA)
- Civil Nuclear Cooperation
- Political and Security Relations
- Defence Co-operation

*Exercise Malabar – 17*
# Trade Overview & Focus Sectors – India & Japan

## Trade overview – India & Japan

<table>
<thead>
<tr>
<th>Country</th>
<th>India’s Export Items</th>
<th>India’s Import Items</th>
<th>Key Sectors of Synergies with Jharkhand</th>
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</thead>
</table>

USD 4.66 billion worth of exports | USD 9.85 billion worth of imports
Why India?

- Amongst the fastest growing large economy in the world
- Third-most attractive destination for FDI globally
- Young population, with more than 65% below the age of 35 years
- Stable & decisive leadership
- Competitive cost of doing business
- Favourable business & policy environment
- Ease of doing business
India & Jharkhand Overview

**GDP Growth Rate**

- **Jharkhand's GDP Growth (5 year CAGR)**
  - 2011–12 to 2015–16: 6.8%

- **GSDP Growth (5 year CAGR)**
  - 2011–12 to 2015–16: 8.8%

**Jharkhand’s Population Demographic**

- **Population**: 33 Million
- **60% of the population is in the working age group as on 2016**
  - 0-14 years: 33.3%
  - 15-59 years: 60%
  - 60+ years: 6.7%

**Gender Ratio**

- 948 Women for 1000 Men as against the national average of 940

**Sources**: Census of India

*GDP: Gross Domestic Product*
✓ One of the leading state in India in terms of economic growth.

✓ GSDP for Jharkhand stood at USD 33 Billion in 2014 – 15, with a GSDP growth of ~11%, second highest amongst the 20 major states of India.
Jharkhand
Conducive Investment Climate

Business Enablers

- Single Window Clearance
- Time Bound Grievance Handling
- Regular Consultation with Industry
- Online Application and Approval
- Ease of Doing Business

- Single Window
  www.advantage.jharkhand.gov.in
  Helpline: 0651-6556666

A. SMS/E-Mail status notification
B. Common Helpline numbers for clearances
C. Qualified & equipped relationship officers
D. Common application for different incentives
E. Online monitoring of disbursal of incentives
F. Grievance handling with timelines
G. Interactive system for approvals
H. Strong Policy Framework

Jharkhand
Conducive Investment Climate
Competitive Cost of Doing Business
Lower Power tariff and skilled labour wages

- Rajasthan
  - Power Tariff: 1.55
  - Skilled Labour wage: 1.0
  - CPI: 25.47

- Gujarat
  - Power Tariff: 1.11
  - Skilled Labour wage: 1.40
  - CPI: 22.70

- Maharashtra
  - Power Tariff: 1.67
  - Skilled Labour wage: 1.47
  - CPI: 28.93

- Karnataka
  - Power Tariff: 1.5
  - Skilled Labour wage: 1.27
  - CPI: 25.90

- Uttar Pradesh
  - Power Tariff: 1.77
  - Skilled Labour wage: 1.53
  - CPI: 24.85

- Jharkhand
  - Power Tariff: 1.17
  - Skilled Labour wage: 1.39
  - CPI: 24.33

- Chhattisgarh
  - Power Tariff: 1.27
  - Skilled Labour wage: 1.19
  - CPI: 22.7

- Andhra Pradesh
  - Power Tariff: 1.36
  - Skilled Labour wage: 1.91
  - CPI: 23.85

* Power Tariff and Skilled Labour Wage have been shown as Cost Index with base as 1. CPI is Consumer Price Index of the capital city (For Andhra Pradesh, Vijayawada is considered), sourced from www.numbeo.com
Jharkhand’s Transportation Infrastructure

Well Connected to all states in India and with rest of the world

- 15 National Highways (NH) pass through the state
- Total length of Railway lines - 2,182 kms
- Ranchi. Direct flights to major cities in India
  - Bangalore
  - Kolkata
  - Mumbai
  - Ahmedabad
  - Jaipur
  - Delhi
  - Kolkata
  - Amravati
  - Patna
  - Ranchi
  - Ahmedabad
  - Kolkata
  - Chennai
  - Thiruvananthapuram
- Close proximity to various ports
- The country’s first National Waterway, NW-1, passes through Sahibganj, Jharkhand
Energy Sector in Jharkhand

Amongst the lowest electricity tariff in the country

Investment Opportunities

**Mining & Generation**
- Two upcoming 4,000MW UMPPs
- Coal blocks/coal linkage opportunities

**Transmission**
- Transmission systems worth ~Rs.3,000 Cr. proposed to be developed under PPP route.
- EPC opportunities in transmission worth ~Rs.9,000 Cr.

**Distribution**
- Nearly 246 new PSS to be commissioned. Capacity to be augmented from 3,818MVA to 7,412 MVA
- Planned investment of Rs.14,000 Cr.

Note: 1)MW – Mega Watt 2) IPP- Independent Power Producer 3) UMPPS- Ultra Mega Power Projects 4) UMPPs – Ultra Mega Power Project 5) EPC- Engineering Procurement Contract 6) PSS- Power Supply Systems 7) MVA – Mega Volt Amp
Investment Opportunities – Renewable Energy

- Investment opportunities in hydel power project at different places on PPP mode ranging from 0.7MW to 24MW.
- Enormous investment opportunities for Solar panel manufacturers and inverter manufacturers as the state target's to reach the capacity of 2600 MW solar energy by 2022.
- Investment opportunity in setting up of Grid Connected Rooftop Solar Power Plants on government building (5 MW), individual roofs & commercial & industrial establishments (50MW).
Opportunities for Construction & Mining Equipment Manufacturers

Value Chain

- Exploration & Mining
- Processing & Refining
- Transportation
- Blending & Market reach

Top Japanese Companies

KYB
SUMITOMO
KOMATSU
HITACHI
Kubota

Opportunities

- Manufacturing of Exploration Equipment.
- Manufacturing of Mining Exploration vehicles
- Manufacturing of Processing & Refining equipment
- Manufacturing of Transportation vehicles such as Hauling
- Manufacturing of ancillaries vehicle

Advantages for setting up the Equipment Manufacturing Facilities in Jharkhand

- One of the biggest hub for Auto manufacturing cluster in Asia
- Ranks 3rd in terms of mineral production in India (40% of India’s Mineral reserve)
- Attractive incentives for setting up of Mega Projects
Opportunities for Electronics System Design & Manufacturing (ESDM)

Value Chain

Product Idea - Innovation | R & D and Product Design | Components | Assembly (SMT) & Testing

Top Japanese Companies

SONY | HITACHI | Canon | FUJITSU | CASIO | TOSHIBA | Panasonic

Opportunities

✓ Manufacturing of Mobile Phones
✓ Manufacturing of Tablet
✓ Manufacturing of White Goods/Consumer Electronics
✓ Manufacturing of Cameras
✓ Manufacturing of Computer Accessories

Advantages for setting up the Electronics System Design & Manufacturing Facilities in Jharkhand

✓ Electronic Manufacturing Cluster (EMC) at Adityapur provide state – of – the – art infrastructure
✓ Captive demand for automotive electronics product due to presence of Tata Motors and other ancillary units
✓ Dedicated ESDM Policy to promote ESDM in the State
✓ Various financial incentives offered under ESDM Policy
Opportunities for Automobile & Automotive Components Manufacturers

**Value Chain**

- Inbound Logistics
- Operations/Assembly
- Testing
- Outbound Logistics
- Marketing & Sales
- Service

**Top Japanese Companies**

- Mazda
- Nissan
- Suzuki
- Mitsubishi Motors
- Toyota
- Yamaha
- Honda

**Opportunities**

- ✓ Manufacturing of Automotive Components
- ✓ Manufacturing of Automobile
- ✓ Manufacturing of Tires

**Advantages for setting up the Automobile & Automotive Components Facilities in Jharkhand**

- ✓ Presence of India’s leading automobile industry giants like Tata Motors since 1950
- ✓ More than 800 auto ancillary and auto component units set up at Jamshedpur and Adityapur
- ✓ Dedicated Automobile & Auto Component Policy to promote Automobile in the State
- ✓ Proposed Automobile and Auto Vendor Park at Adityapur
Opportunities for Information Technology

**Value Chain**
- Strategy to Portfolio
- Requirements to Deploy
- Request to fulfill
- Detect to Correct

**Top Japanese Companies**

**Opportunities**
- ✓ Provide computer software services
- ✓ Provide IT security services
- ✓ Provide network integration, system integration and business process outsourcing services

**Advantages for setting up the Information Technology Facilities in Jharkhand**
- ✓ Dedicated IT Park in Ranchi
- ✓ Huge talent pool and skilled support manpower
- ✓ Innovation/ Incubation Center and Fab Lab setup in Ranchi with the support of IIM Ahmedabad
- ✓ Dedicated IT/ ITeS Policy to promote IT in the State
- ✓ Software Technology Parks of India (STPI) Center in Ranchi, Jharkhand
Opportunities for Textile, Apparel & Footwear Manufacturer

Value Chain

Raw Material Network → Component Production → Apparel Production → Export Network → Marketing Network

Top Japanese Companies

TOYOB0, kuraray, NISSEKIBO, UNITIKA, TORAY

Opportunities

✓ Manufacturing of Yarns and Fibre
✓ Manufacturing of Apparel
✓ Manufacturing of Garments
✓ Manufacturing of Footwear
✓ Setting up Textile Park
✓ Manufacturing of Technical Textile

Advantages for setting up the Textile, Apparel & Footwear Facilities in Jharkhand

✓ Dedicated Textile Park and Silk Park at IRBA, Ranchi
✓ Largest Producer of Tasar Silk
✓ Home to large number of players namely Shahi Exports, Matrix Clothing, Orient Craft, Tangerine Design and Prem Footwear
✓ Dedicated Textile, Apparel & Footwear Policy to promote Textile, Apparel & Footwear Sector in the State
✓ Huge incentives for setting up of Textile, Apparel & Footwear units
✓ Ease of available artisans
Opportunities for Food Processing

Value Chain

Inputs → Production → Procurement & Storage → Processing → Retailing

Top Japanese Companies

NISSIN | Glico | Eat Well, Live Well. AJINOMOTO | Calbee | TOYO SUISAN

Opportunities

✓ Organic Produce & Spices
✓ Horticulture
✓ Milk Processing
✓ Minor Forest Produce
✓ Fisheries and Meat Produce

Advantages for setting up the Food Processing Facilities in Jharkhand

✓ Dedicated Jharkhand Mega Food Park at Ranchi
✓ Home to large number of players namely Mother Dairy, Parle, Safal, Moreish and Real Agro Food
✓ Dedicated Food Processing Policy to promote Food Processing Sector in the State
✓ Huge incentives for setting up of Food Processing units
Ready Investment Opportunities in Mineral Exploration

<table>
<thead>
<tr>
<th>S.No</th>
<th>Mine</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Limestone Mines</strong></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Benti-Bagda</td>
<td>Ranchi</td>
</tr>
<tr>
<td>2</td>
<td>Semra-saltua</td>
<td>Palamu</td>
</tr>
<tr>
<td>3</td>
<td>Salhan</td>
<td>Ranchi</td>
</tr>
<tr>
<td></td>
<td><strong>Graphite Mines</strong></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Muhagain-Tulbla</td>
<td>Palamu</td>
</tr>
<tr>
<td>5</td>
<td>Koiri-Pathra</td>
<td>Palamu</td>
</tr>
<tr>
<td></td>
<td><strong>Kyanite Mines</strong></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Jyoti Pahari</td>
<td>East Singhbhum</td>
</tr>
<tr>
<td>7</td>
<td>Sirboi</td>
<td>East Singhbhum</td>
</tr>
<tr>
<td></td>
<td><strong>Stone quarry</strong></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Chandula-Simalgoda</td>
<td>Sahebgunj</td>
</tr>
<tr>
<td></td>
<td><strong>Coal Blocks</strong></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Jagaldaga block</td>
<td>Latehar</td>
</tr>
<tr>
<td>10</td>
<td>Gowa</td>
<td>Latehar</td>
</tr>
<tr>
<td></td>
<td><strong>Copper Blocks</strong></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Ramchandrapahar</td>
<td>East Singhbhum</td>
</tr>
</tbody>
</table>
Presence of Japanese in India

Major Japanese Companies Operating in India

- Automobile: ✓
- White Goods: ✓
- ESDM: ✓
- Banking & Finance: ✓
- Pharmaceutical: ✓
- Construction & Mining Equipment: ✓
- Textile ✓
- Food Processing ✓
### Leading Industries

- Heavy Electrical
- Heavy Engineering & Tools
- Automobile & Auto Components
- Low Technology Products
- High Technology Products
- Other Industries

![List of companies and logos related to the leading industries mentioned above.](image-url)
Advantages of Investing in Jharkhand  
**Policies aligned to the needs of industries**

<table>
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<tr>
<th>Incentives</th>
<th>Coverage</th>
<th>Applicability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive Project Investment Subsidy (CPIS)</td>
<td>20%</td>
<td>Investments made in MSME fixed capital investment (with cap upto Rs 2 Cr).</td>
</tr>
<tr>
<td>20%</td>
<td></td>
<td>Investments made in non-MSME fixed capital investment (with cap upto Rs 20 Cr).</td>
</tr>
<tr>
<td>Quality Registration Assistance Incentives</td>
<td>50%</td>
<td>Quality certification expenditure incurred up to maximum of Rs. 10.00 lakh.</td>
</tr>
<tr>
<td>Patent Registration Assistance</td>
<td>50%</td>
<td>Financial assistance of 50% of the expenditure incurred, up to a maximum of Rs. 10 lakh, per patent.</td>
</tr>
<tr>
<td>Subsidy/Incentives on VAT</td>
<td>80%</td>
<td>Applicable on new MSME units, on Net VAT payable for 5 years.</td>
</tr>
<tr>
<td>75%</td>
<td></td>
<td>Applicable on new large projects, on Net VAT payable for 5 years.</td>
</tr>
</tbody>
</table>
Advantages of Investing in Jharkhand

Strong, stable, decisive and progressive Government

- Stable and decisive Government both at the Centre and in Jharkhand
- India has been ranked as the most attractive investment destination in the latest survey of Japanese manufacturing companies, conducted by the Japan Bank for International Cooperation (JBIC)
- Established presence of large multinational companies (including Japanese) in India
- Trusted partnership & established relationship of Japan & Jharkhand
- Japan was one of the Partner Country for Momentum Jharkhand Global Investors Summit 2017 held on 16 – 17 February 2017
- Presence of Japanese Companies namely Nippon Steel & Sumitomo Metal, Kyocera and Hitachi in the State of Jharkhand
- With Dynamic Leadership, Progressive Policies, Industrial Heritage & Resourceful Geography, Jharkhand has huge potential for industrialization and growth
Thank You