



Investment Opportunities for Korean Companies in Odisha

November, 2020



Coverage



ODISHA
NEW OPPORTUNITIES

- Recent Republic of Korea – Odisha engagements
- Odisha as an investment destination
- Sector-specific opportunities for Korean companies :
 - Steel and Steel Downstream
 - Aluminium Downstream
 - Chemicals and Petrochemicals
 - Electronics Manufacturing
 - Seafood Processing
- Cultural Exchange: Odisha & Republic of Korea



Recent Republic of Korea – Odisha engagements



Meeting with HE Ambassador

Odisha showcased opportunities during a meeting with H.E Ambassador of Republic of Korea to India

Presentation to Korean Industries

Managing Director, IPICOL attended the meeting organized by KOTRA and Embassy of Republic of Korea in India to showcase the investment opportunities in Odisha

Visit of HE Ambassador of Republic of Korea to Odisha

HE Ambassador of republic of Korea to India visited Odisha and met with Hon'ble Chief Minister to Odisha as part of the Korean Caravan and discussed steps to bring Korean investment to the state



February

August

July

September

February

NOW



State Delegation to India-Korea Business Summit

State participated in the India-Korea Business Summit at New Delhi and held meetings with various companies



State Delegation to Republic of Korea

State delegation from the State led by Minister, Industries visited Seoul and met major industries

Continued Engagements

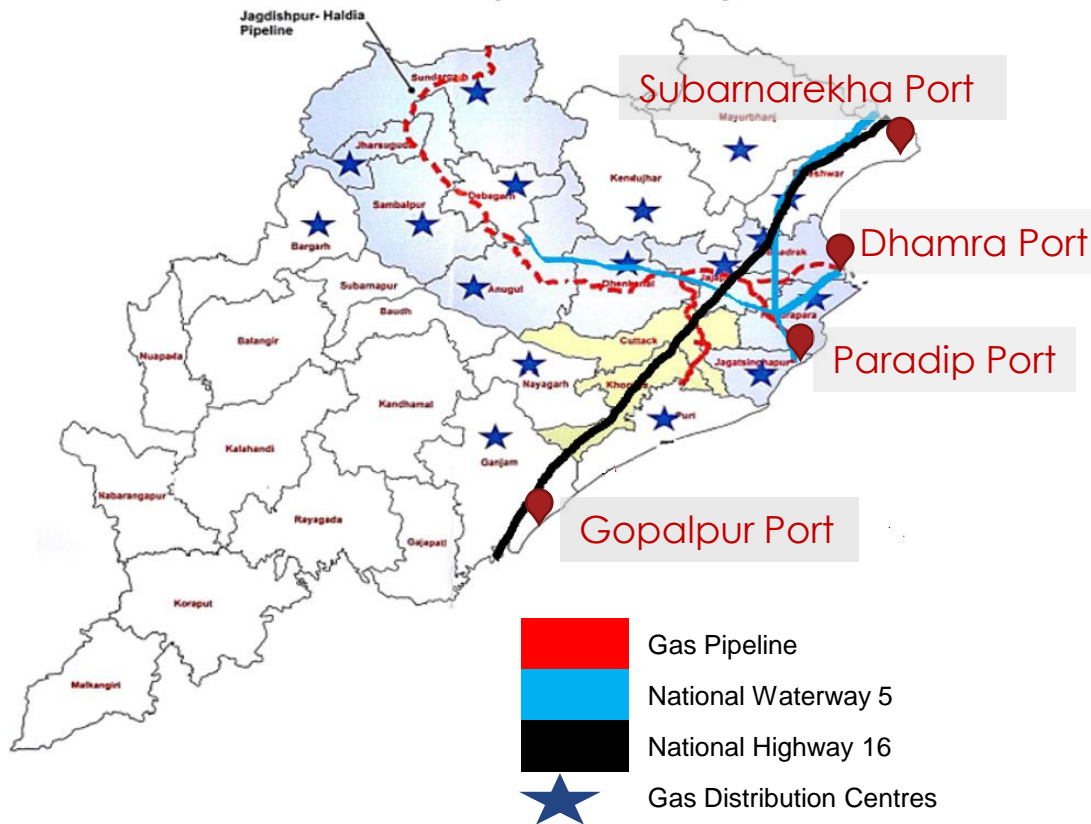
Continuous engagements with Embassy of India in Republic of Korea

Odisha as an investment destination – 1/2



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A. Infrastructure-led industrial development

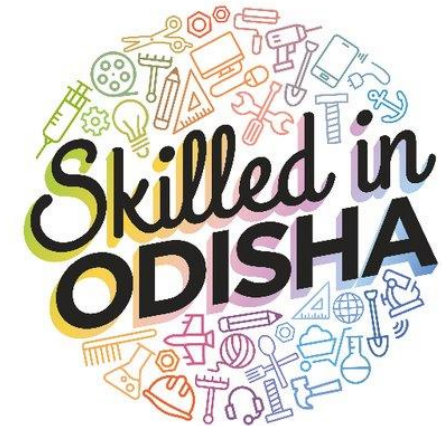


All ports can be reached in 6 hours from the International Airport

B. Dedicated authority to facilitate skill development for industries

- More than 170,000 graduates every year from 950+ training institutions in Odisha
- Globally recognized Institutes of Higher Learning & Research including CIPET, IIT, IIM, IIIT, NIT, AIIMS, KIIT, XIMB etc.
- Bhubaneswar emerging as knowledge hub in India
- Development of first-of-its kind World Skill Centre at Bhubaneswar

Vision of OSDA:
Odisha's Best, World's Next



IIT Bhubaneswar
Indian Institute of Technology Bhubaneswar

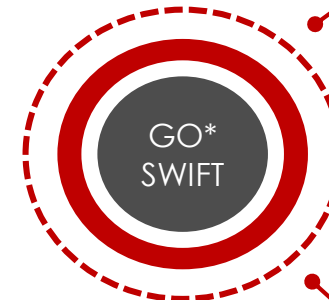
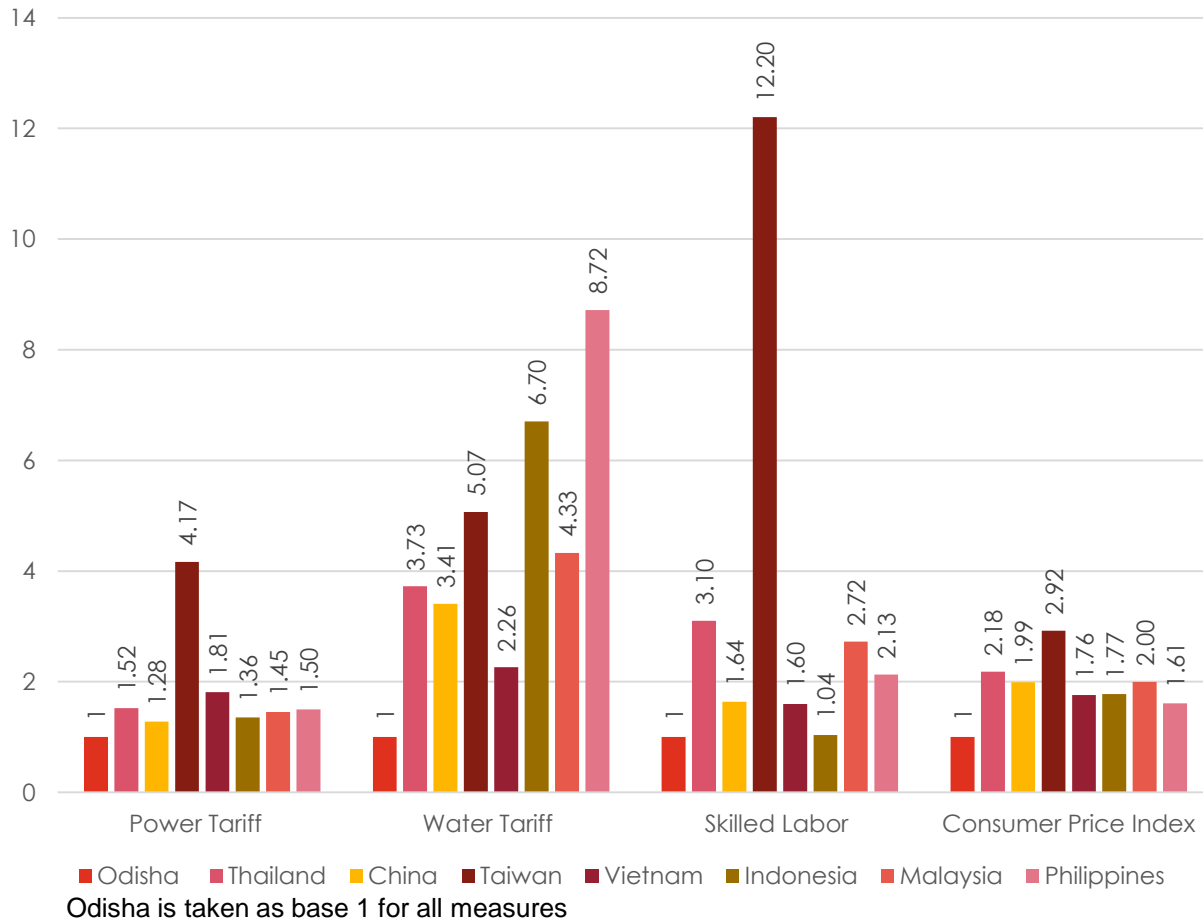


Odisha as an investment destination – 2/2



C. Least cost of doing business

D. Best Single Window System to facilitate project implementation



- Info Wizard**
 Customised information on Investment opportunities, incentives and approvals
- GO PLUS**
 Select industrial land on a GIS based platform
- Single Window**
 Obtain approvals from 32 G2B services from 15 Departments along with incentives
- GO SMILE**
 Risk-based inspections from regulatory agencies
- SPMG Portal**
 Resolve issues with Government departments

*GO SWIFT recognized by Government of India as a best practice for other States to emulate



Sector-Specific Opportunities for Korean companies Steel and Steel Downstream



National Investment and Manufacturing Zone, Kalinganagar



Snapshot of Investment Region:

- Integrated development with presence of large Steel players such as: TATA Steel, JSL, VISA Steel, MESCO, etc.
- Over 160 Sq.km of development plan
- Proximity to Odisha’s mineral rich region
- Situated adjacent to NH 215 and Jajpur- Keonjhar Railway Station
- Biju Patnaik International Airport: 100 km
- Paradip Port: 127 km
- Perennial 215 MLD water source

Salient Features

- Self- contained ecosystem covering entire value chain of steel and metals
- Robust infrastructure framework for water, power, solid waste and sewage
- Logistics hub with common warehousing Unit Integrated along with Packaging Unit

Opportunities for various industries from Republic of Korea:

- Manufacturing of Electrical Machinery and Equipment
- Auto component manufacturing
- Energy and process equipment
- Engineering machinery
- Hot and cold rolled products
- Foundries, fabrication, machining and precision equipment
- Products for building and construction sector
- Infrastructure Development particularly social infrastructure

Odisha’s Unique Value Proposition:

- **20%** of Steel making capacity of India
- **Largest** Stainless Steel Producer in India
- Vision 2030: Achieve **more than 50% value addition** to the primary metal produced in the State

Sector-Specific Opportunities for Korean companies

Aluminium Downstream



Angul Downstream Aluminium Park



Snapshot Of Investment Region:

- Nearly 1 sq km of dedicated aluminium downstream park - situated adjacent to the National Aluminium Company (NALCO) smelter
- First-of-its-kind in the sub-continent with availability of molten Aluminium
- 3 km from National Highway 55 and adjacent to Cuttack-Angul railway line siding
- Biju Patnaik International Airport: 100 km
- Paradip Port: 174 km

Salient Features:

Physical & Social Infrastructure

- Site Development & Compound Wall
- Road & Storm Water Drainage Network
- Integrated Solid Waste Management
- Electric Power Supply
- Cable Trench Network
- Bank, Post Office, Hostel & Dormitory facilities

Technical Infrastructure

- Common Facilities Centers including Equipment for Testing/ Training/ Design Facilities/ Tool Room
- Admin, Business training complex
- Telecom & IT Infrastructure
- Intake well, pump house

Odisha's Unique Value Proposition:

- **56%** of Aluminium Smelting capacity of India
- **Largest** Bauxite deposits in India
- Presence of top companies such as NALCO, Vedanta and HINDALCO

Target Industries from Republic of Korea:

Downstream Industries in Aluminum

- Conductors
- Extrusions
- Castings
- Foils
- Other including Powder

Ancillary Industries (Raw Material Inputs)

- Calcined Petroleum
- Special Refractory Bricks
- Cryolite
- Caustic Soda
- Aluminum Fluoride

Sector-Specific Opportunities for Korean companies Chemicals and Petrochemicals



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Petroleum, Chemicals and Petrochemicals Investment Region, Paradeep



Snapshot Of Investment Region:

- Development plan over 284 sq km
- Anchored by 15 MMTPA IOCL refinery with committed feedstock of:
 - Polypropylene
 - Paraxylene-PTA
 - Mono Ethylene Glycol
 - Petcoke
- Situated adjacent to Paradip port and with railway siding
- Biju Patnaik International Airport: 120 km
- Connected through NH 53

Salient Features

- Dedicated 1 sq km plastics park with ready to move land for plastic manufacturers
- Presence of Plastics Product Evaluation Centre (PPEC) by CIPET, a prominent R&D institution
- Development of Common Effluent Treatment Plant in pipeline
- Self- contained ecosystem covering entire value chain of chemicals and petrochemicals
- Logistics hub with common warehousing Unit Integrated along with Packaging Unit

Target Industries from Republic of Korea:

- Integrated Petrochemicals products such as Polyester Chips, Fibers, PET Bottles, PET Chips, Sheets
- High performance chemicals
- Pigments and coating products
- Injection Moulding
- Extrusion Moulding
- Blow & roto Moulding

Odisha's Unique Value Proposition:

- **1 out of 4 PCPIRs** in India - Home to **Indian Oil Corporation's largest refinery complex**
- Long coastline with **3 major ports** for easy import and export

Sector-Specific Opportunities for Korean companies Electronics Manufacturing

Infovalley Electronics Manufacturing Cluster, Bhubaneswar



Snapshot Of Investment Region:

- Developed over 0.6 sq km of land in the suburbs of Bhubaneswar
- Surrounded by a well-developed IT and software ecosystem led by leading IT players such as Infosys, Tata Consultancy Services, Wipro
- Biju Patnaik International Airport: 20 km
- Paradip Port: 120 km
- Connected through NH 16

Salient Features

- Plug-and-play infrastructure ready to move-in
- Integrated township with walk-to-work concept
- Exclusive Common Facility Centre consisting of Testing & Measurement, Mould and Tool Room, Prototyping facility, EMI/EMC lab. Reliability and Environment Testing Lab and Component Testing Lab
- Robust infrastructure framework for water, power, solid waste and sewage

Target Industries from Republic of Korea:

- Electronic Products
- Electronic Components
- Equipment Manufacturing
- Semiconductor Design and Fabrication

Odisha's Unique Value Proposition:

- **Special Incentive Package** for electronics manufacturing
- Education hub of East India with **large talented workforce in Electronics sector**

Sector-Specific Opportunities for Korean companies

Sea food Processing

Seafood Park at Deras



Snapshot Of Investment Region:

- First-of-its-kind facility on the east coast of India exclusively focused on seafood and marine products
- Developed over 0.6 sq km of developed plots
- Paradip Port: 140 km
- Biju Patnaik International Airport: 19 km
- Connected through National Highway 16
- 17 km from the nearest railway station

Salient Features

- Central Processing Center located within the park with 7 Primary Processing Centers and 15 Pre-Processing Centers each of 10 MT for access to raw materials
- 9 MLD CETP under development
- Dedicated common facility center comprising of cold storages, block ice unit, polythene unit and packaging unit

Target Industries from Republic of Korea:

- Integrated shrimp farming and processing
- Pre-processing units
- Packaged food
- Raw processing
- Hatcheries
- Freezing systems
- Warehousing and cold storage

Odisha's Unique Value Proposition:

- Long coastline with **perennial availability of salt, brackish and sweet water fish**
- Presence of industries such as **Falcon Marine, B-One and Magnum Sea Food** existing trade engagements with East Asia

Cultural Exchange: Odisha and Republic of Korea

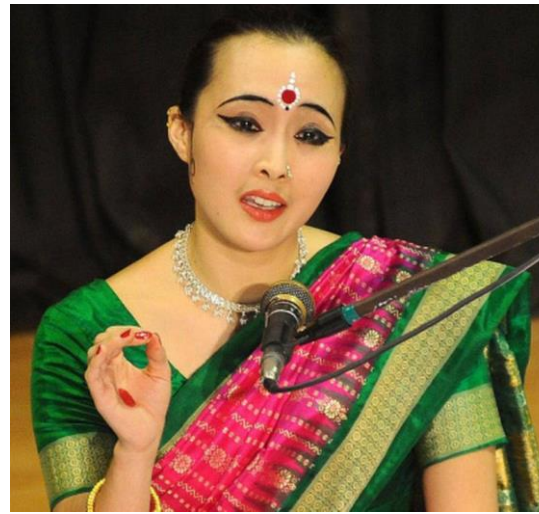


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Taekwondo Demonstration

As part of the Korean Caravan, Taekwondo demonstration was held in Rabindra Mandap, Bhubaneswar followed by a K-Pop performance



Beena Keum

Famed Korean Odissi Dancer, Singer and Mardal (traditional Odissi percussion instrument) player



KISS, Bhubaneswar

Kalinga Institute of Social Sciences (KISS), Bhubaneswar along with Hanseo University of Republic of Korea have set up the Institute for Indo-Korea Culture and Science to foster collaboration between the countries



THANK YOU



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