NALCO
SPREADING WINGS

MINES
REFINERY
SMELTER

CAPTIVE POWER PLANT
PORT FACILITIES
WIND POWER PLANT
• Incorporated in 1981
• A Company under the Ministry of Mines, Government of India
• In technological collaboration with Aluminium Pechiney of France (now Rio Tinto – Alcan)
• Largest integrated bauxite-alumina-aluminium-power-port facilities complex in Asia
• ISO 9001: 2000, ISO 14001, OHSAS 18001, SA 8000 and ISO 50000 certified
• Products registered at London Metal Exchange
• Enjoys the status of a Premier Trading House
• Conferred ‘Navratna’ status by Government of India in 2008
• Market Capitalization : USD 2.25 billion
• Sales Turnover : USD 1.28 billion
To be a reputed global Company in the Metals and Energy sectors.
NALCO: AN OVERVIEW
BAUXITE MINING

- Area: 16 sq kms
- Initial Reserve: 310 million tonnes
- Part of ‘East-Cost Bauxite Reserves’, India
- A fully mechanized open-cast mine of 6.3 MTPA
- Feedstock to Alumina Refinery located downhill, through a 14.6 km long single-flight multi-curve cable belt conveyor
ALUMINA REFINING

• Capacity – 2.1 MTPA
ALUMINIUM SMELTING

- Capacity – 0.46 MTPA
THERMAL POWER GENERATION

- Capacity - 1200 MW
• Mechanized storage and ship handling facilities for export of alumina and aluminium as well as import of caustic soda lye and other raw materials
• Ship Loading Rate : 2200 tph; Alumina Storage : 3 X 25,000 tonnes
50.4 MW (24 X 2.1MW) wind power plant in Andhra Pradesh
Meets about 85% of Non-Solar Renewable Power Obligation
Project Cost : USD 51 million
Projects under commissioning/ process

- Upgradation at Alumina Refinery (USD 76 million)
- 2nd Wind Power (47.6MW), Rajasthan (USD 52 million)
- 3rd phase brown field expansion in Odisha (USD 1.397 billion)
- 2X 700mw Nuclear Power in JV, Gujarat (USD 2.091 billion)
- 1 million TPA Refinery, Gujarat (USD 742 million)
- 0.5 mln ton Smelter & 1260MW power in Green field, Odisha (USD 2.984 billion)
CORPORATE STRENGTH

- Captive Resources
- State-of-the-art Technology
- Integrated Operations
- World-class Products & Global Market
- Well-trained Manpower
- Care for Ecology & Environment
- Standalone Nalco Foundation for CSR Initiatives
- Self-funded Expansions
- Listed Company
- High Standard of Corporate Governance
- Green Initiatives
- Zero debt Company
AREAS OF INTEREST

MINES & MINERAL SECTOR

- Investment opportunities in Mining and Metal sectors – Acquisition or JV
- Value addition to the mineral resource to be considered in the source country
- Mineral assets of interest:
  - Bauxite
  - Thermal Coal
  - Copper

TECHNOLOGICAL COOPERATION

- Latest technology for alumina refining, aluminium smelting and special grade alumina production
- Utilization of Red Mud generated in Alumina Refinery and fly ash from thermal power plants
- Disposal of spent pot lining material in eco-friendly way
- Technological partnership for production of Specialty Hydrates and Aluminas
THANK YOU

E-mail: cmd@nalcoindia.co.in
      sudeeptadash@nalcoindia.co.in
web:  www.nalcoindia.com