



Ratnagiri Refinery & Petrochemicals Ltd.



Future-Ready ►►
►► *Mega Project*

Future-ready mega project

Ratnagiri on India's west coast, the birthplace of towering historical figures and the famous Alphonso mangoes, is set to emerge as the new refining & petrochemicals destination of the world.

Inspired by visionary leadership, India's oil majors - IOCL, BPCL and HPCL - are joining hands to build the world's largest Integrated Refinery-cum-Petrochemicals Complex near Rajapur in Ratnagiri district of Maharashtra.

Ratnagiri blooms

With an investment of up to US\$ 50 billion (Rs.3 lakh crore), the 60 million tonnes per annum refinery is a major step towards creating a secure future that provides access to efficient and sustainable energy and value-added products.

Spread over 15,000 acres, the RRPCL complex is slated to house a world-class refinery-cum-petrochemicals complex, with over 50 inter-connected units. With storage and port facilities coming up in 1,000 acres, it will showcase the most modern technology and economies of scale to achieve the best in terms of both operational efficiency and value creation.

The refinery, to be commissioned by the year 2023, will produce Euro-VI and higher quality automotive and aviation fuels benchmarked to international standards, besides a wide range of petroleum products. Strategically located on the west coast for ease of access to global markets, it offers ideal conditions for imports and exports.

The mega project will provide a major fillip to the socio-economic development of the region and India as a whole. Even the overseas countries would benefit with exports of petrochemicals and other allied products.

Highly flexible and agile

The world-scale refinery will have high flexibility to process a wide variety of crude oil grades from diverse sources. It is being configured to swing easily between petroleum fuels and petrochemicals, with the highest level of integration and energy efficiency.



My vision for India's energy future has four pillars...

Energy Access

Energy Efficiency

Energy Sustainability

Energy Security

- Narendra Modi
Hon'ble Prime Minister

Sunrise Industry of the future

With its petrochemicals demand growing at more than 10 per cent year-on-year, India currently imports over 45 per cent of its petrochemical needs, valued at over USD 7 billion per annum.

In the wake of the Government of India's focus on rapid economic growth and multipronged development initiatives in all sectors, the country's demand for plastics and polymers is set to surge further; driven by demand from diverse industries, the farming sector and households, and from rising urban to rural consumption.

To meet this rising demand and be future-ready, India is focussing on self-sufficiency in diverse streams of petrochemicals.

Once completed, the 18-million tonnes per annum petrochemicals complex of RRPCL will give a big boost to the Government's 'Make in India' initiative in support of the petrochemicals sector.

Value for investors & Entrepreneurs



Petrochemicals are expected to have a significant impact and boost entrepreneurship, technology, and research & development in the sector. The availability of petrochemical intermediates, naphtha and other building blocks, will give a fillip to the dream of attaining self-sufficiency in petrochemicals.

Opportunities for Investment & Collaboration

- Development of Petrochemicals Park – marketplace for polymers and finished goods
- Investment opportunities for downstream petrochemicals producers
- C4, C5, Butadiene, Styrene, etc. available for developing into SBR, PBR, Isoprene, hydrocarbon resin, etc.
- Polymers & niche grades available in close proximity

Quick facts

- Anchor Tenants Investment: Up to US\$ 50 billion
- Completion year: 2023
- Infrastructure Investment: US\$ 20 billion
- Close to Arabian Sea & long Konkan coastline

Range of products for all needs

With provision for production of olefins, aromatics and derivatives, RRPCL will produce propylene, ethylene and many other petrochemical intermediates, besides niche petrochemicals and chemicals. To cater to Indian and overseas markets, it will come up as a one-stop-shop for all petrochemical and allied product needs.

Economic Potential

- Project likely to add up to 1.5–2.0% to India's GDP
- Employment for 150,000–200,000 people during construction phase
- Direct employment: 15,000–20,000
- Proposed Industrial Cluster to generate employment for nearly 80,000–100,000

Caring for Environment & Community

Once completed, RRPCL will set a new industrial benchmark for operational efficiency, self-sufficiency in power and utilities, with global standards in environment and safety management.

The refinery complex would also be one of the greenest complexes with stringent emission control and water conservation measures. The world's largest integrated refinery complex is designed to have emissions lower than most operating refineries in the country today. With a view to minimise the impact of the project on the environment, effective pollution control measures are being built at the design stage itself to minimise effluent generation at source.

As a part of its commitment to community welfare, RRPCL, along with the State authorities, will also create infrastructure for an integrated Smart City near the refinery complex with best-in-class services.



Boosting entrepreneurship and employment

Investments made both in the refining and petrochemicals space will boost entrepreneurship and employment, both directly and indirectly. While thousands of people will be employed during construction to commissioning of the complex, the employment opportunities in the allied industries, especially in the diverse downstream segments, will have a positive impact on hundreds and thousands of lives.

Enhancing quality of life

With its unprecedented scale and magnitude, this first-of-its-kind project will positively impact the overall socio-economic development of the region, enhancing the wellbeing and quality of life of millions of people in the region.

The land of many patriots, the birthplace of **Lokmanya** Bal Gangadhar Tilak and **Bharat Ratna** Dr. Babasaheb Ambedkar, Ratnagiri is now all set to be a jewel in the crown of India and an epitome of all-round, sustainable development.

Growth and benefits to Industries & end-users

Added to this are the opportunities for development of a Petrochemicals Park. As a market-place for world-class polymers and finished goods, RRPCL Ratnagiri will infuse new life into the economic eco-system and create a downstream chain of economic activities that will benefit everyone in the value chain – from traders to customised product manufacturers as well as millions of end-users.



Ratnagiri Refinery & Petrochemicals Ltd.

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• A Joint Venture Initiative •