Propelling Growth with World-Class Petrochemicals

Future-Ready with Passion for Excellence
IndianOil is one of the largest players in the domestic petrochemicals market, besides exports to 75 countries. The Corporation offers a full slate of petrochemical products and intermediates under the brand name PROPEL.

### Presenting PROPEL: The IndianOil promise

IndianOil's corporate philosophy rests on enhancing the quality of life of people, society and its stakeholders while sustaining the Earth. We pursue business sustainability. Our products and services are designed to create positive life experiences for our customers.

The brand name PROPEL implies propulsion or impetus with promise of growth to our customers' business. It denotes 100% trust, 100% value. It is backed by the promise of quality and commitment that IndianOil puts into its business. Customers stand to benefit from IndianOil's experience & expertise in the petroleum and petrochemicals businesses besides a pan-India service delivery network.

### About IndianOil

- **Crown Jewel of Govt. of India**
  - Maharashtra Company; Govt. own 54.06%
  - Contribution to exchequer of ₹1,90,670 crore in FY 18

- **Largest Refiner in the Country**
  - 11 refineries with 80.70 MMTPA Capacity
  - 33% of Domestic Refining Capacity

- **Pan-India Pipeline Infrastructure**
  - About 13,850 km pipelines for crude oil & products
  - 49% share in crude oil and product pipelines (by length)

- **Leading Market Share Across Portfolios**
  - Over 44% petroleum market share in 2017-18 with over 47,800 touch points

- **Integrated Operations Across the Energy Value Chain**
  - 2nd largest domestic player in Petrochemicals
  - E&P: 9 domestic and 11 overseas blocks
  - 19% share in imported gas market

- **Strong Focus on Innovation through R&D and Alternative Sources**
  - 611 active patents as on 31st March 2018
  - Renewed focus on Alternative Energy

- **Driven by a Management Team That Delivers Results**
  - Consistent revenue growth (CAGR: 6.40% since 2010-11)

### Our solutions and focus areas are:

- **PROPEL Providing comprehensive solutions, creating value**
  - PROPEL brand of petrochemicals covers over 80% of all conceivable applications of plastics.

- **Automobiles:** Advanced moulding & composites for doing our bit for the environment through enhancing fuel efficiency by reducing vehicle weight while contributing towards a more mobile society.

- **Agriculture & Infrastructure:** Environment & Living solutions for improving production & efficiency in agricultural, fishery and infrastructure industries while contributing to resource & energy conservation.

- **Consumer Electronics:** Advanced moulding & composites - contributing to a better quality of life.

- **Healthcare:** Contributing to health maintenance, better diagnostics and medical efficiency.

- **Packaging, Labels, Films:** Providing packaging solutions for liquids, oil, confectionery, grooming, healthcare, food. Helping extend product life and shelf life of food and medical products.
Product Offerings

Petrochemicals
IndianOil produces olefins such as ethylene and propylene, and aromatics such as paraxylene, benzene and toluene. Our polyolefins (polyethylene and polypropylene) offer high quality performance products suitable for various industries such as automobiles, electrical wires, medical devices and food packaging.

Carbon
IndianOil produces Petcoke, Carbon Black Feedstock (CBFS) and Synthetic Rubber to support industries engaged in production of tyres, printing inks, plastic colourants, etc.

Optical Films
IndianOil also produces PTA and MEG which are used in production of optical films such as bi-axial oriented polyester film featuring well-balanced characteristics to improve the visibility of touch panels.

Food Packaging, Industrial & Medical Films
IndianOil has the capability to tweak characteristics and produce grades with added functionalities for speciality food & medical packaging, electronic parts, automobiles and building materials.

Fibres & Textiles
With a world-class PX/PTA plant producing polyester intermediates, PROPEL grades can be used for a wide range of applications including activewear, interiors and industrial applications.

PP Composites and Functional Mouldings
PROPEL grades can be used to produce a variety of products such as aluminium composite materials, plastic film-laminated steel sheets, building materials, partitions, sports good, industrial use plates, etc.

Agribusiness & Infrastructure Solutions
PROPEL grades are suitable for use in producing agricultural materials such as drip laterals for irrigation pipes for submersible pumps, agri-nets for plant growing systems, etc. Contributing to a sustainable society, IndianOil petrochemicals can be used to produce piping materials, logistics materials & adhesive tapes, cable ducting, repair & reinforcement materials for roads & ridges, artificial turfs for boosting sports infrastructure, etc.
Major Production Bases

IndianOil’s efforts in manufacturing innovation stem from its world-scale plants, world-class technologies, focus on safety, environment conservation, high-quality products and high-efficiency production.

**Plants / Products**

- **Linear Alkyl Benzene (LAB) plant @Koyali, Gujarat**
  - Among the world’s largest single-train LAB plants, capacity: 120 TMT per annum
  - Used in the production of detergents
  - Based on UOP’s DETAL technology

- **Paraxylenepurified Terephthalic Acid (PX/PTA) plant @Panipat, Haryana**
  - PTA plant capacity: 553 TMTPA
  - Produces polyester intermediates
  - Based on Invista technology
  - PX plant based on UOP technology, capacity: 360 TMTPA

- **Naphtha Cracker @Panipat, Haryana**
  - Largest operating Naphtha cracker capacity in India producing polymer-plastics
  - Produces over 857 TMTPA of Ethylene and 650 TMTPA of Propylene
  - Based on technology from ABB Lummus

- **Downstream Polymer Units @Panipat, Haryana**
  - Polypropylene plant with two lines of 300 TMTPA capacity each
  - A dedicated High Density Polyethylene (HDPE) plant of 300 TMTPA capacity
  - A swing plant for LLDPE/ HDPE of 350 TMTPA capacity
  - An Ethylene Glycol plant of 325 TMTPA capacity

- **Styrene Butadiene Rubber (SBR) plant @Panipat, Haryana**
  - First in India
  - Capacity: 120 TMTPA

- Implemented as a joint venture with TSRC, Taiwan, and Marubeni Corporation, Japan, as JV partners

- **Polypropylene Plant @Paradip, Odisha**
  - Capacity: 680 TMTPA
  - Based on stranded propylene from the INDMAX (high severity FCC) unit

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IndianOil's Petrochemicals Brand PROPEL recognised as a "Symbol of Excellence in the Plastics & Polymers Industry"

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