

Director (R&D)'s message on

WORLD ENVIRONMENT DAY

5th June, 2025

#EndingPlasticPollution

“Earth provides enough to satisfy everyone's needs but not everyone's greed.”
— Mahatma Gandhi

Dear Team IndianOil,

On World Environment Day 2025, IndianOil joins millions globally in reaffirming our commitment to environmental stewardship. This year's theme is “**Ending plastic pollution**”. On this day, we are reminded not only of the challenges we face, but also of the responsibility we share as individuals, industries, and global citizens to protect and preserve our environment. It calls for action by individuals, communities, and organizations to come together and work towards a sustainable and thriving planet.

For decades, plastic pollution has seeped into every corner of the world, leaching into the water we drink, into the food we eat, and our bodies. While plastic pollution is a major concern, it is also one of the most fixable of today's environmental challenges, with some obvious solutions at hand. World Environment Day provides an opportunity to focus global attention on pressing environmental challenges and encourages individuals and communities to take proactive steps towards environmental conservation.

R&D is working on many aspects to reduce pollution and protect the environment. Last year we developed lubricants with re-refined base oils, long drain oils, biodegradable cooling fluids etc. We have also come up with many efficient and environmental technologies like pyrolysis oil co-processing and utilization of spent refinery catalyst. Besides these key technologies in the Refining domain, we have developed and tested many new environmentally friendly fuels. R&D is also leading the path in alternate energy, hydrogen mobility trials and solar cooking.

On the waste plastics front, R&D has developed innovative chemical recycling technologies to tackle plastic waste and promote circular economy. Key advancements include a catalytic pyrolysis process for converting waste polyolefins into olefin-rich liquid feedstock, depolymerization of waste polystyrene into high-purity styrene monomer for reuse, the 'IndEcoP2F' technology for converting waste plastic into fuel through co-processing in Delayed Coker Units, and experimental roads constructed with higher percentages of waste plastic. These initiatives align with sustainability goals and show potential for wider commercialization, supporting both environmental protection and economic benefits.

By participating in World Environment Day 2025, we have an opportunity to contribute to a more sustainable and resilient future. Remember that every small action counts. Whether it is making simple changes in your daily habits or actively participating in community initiatives, your efforts can make a significant difference in preserving our environment.

Let us pledge to collectively work towards conserving precious environment resources. Let us live in harmony with nature and keep our beloved Earth clean and green.



Dr. Alok Sharma
Director (R&D), IndianOil

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