



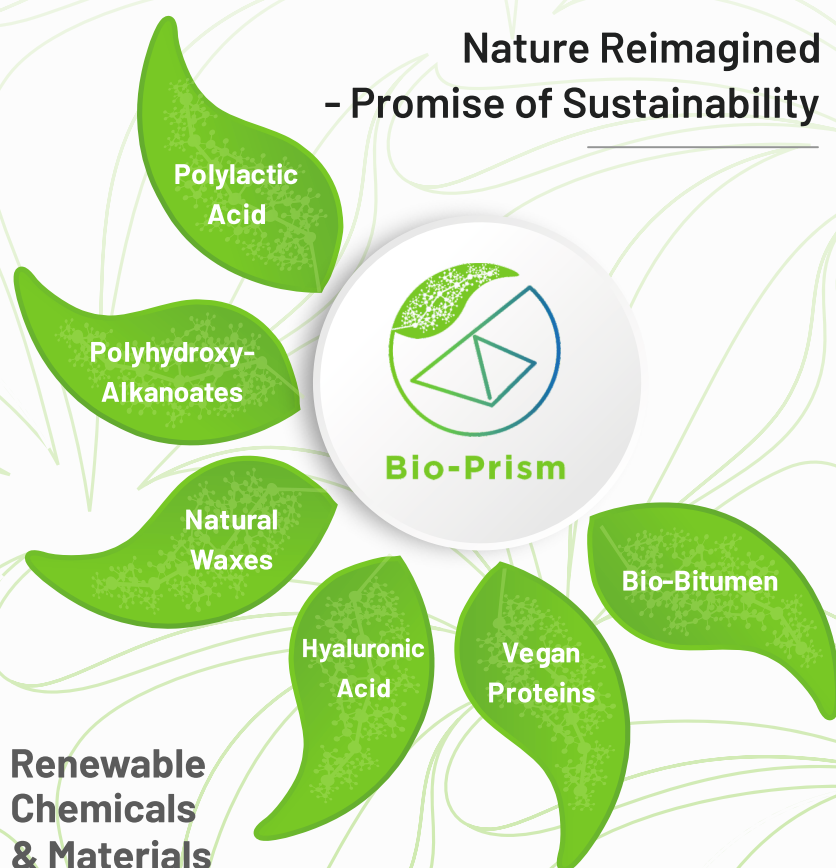
# Bio-Prism

Nature Reimagined- Promise of Sustainability

Praj has been working on the motto, "Sustainable Climate Action through Circular Bioeconomy". In its endeavour to create a sustainable low carbon economy, Praj has been developing and deploying technology-led innovation solutions on the principle of circular economy. Circular economy augurs with Praj's focus on contributing to economy, environment and society and boosting agricultural sector and farmer livelihood.

Praj has forayed into the world Renewable Chemicals and Materials through its Bio-Prism™ Portfolio. Bio-Prism™ Portfolio revolves around performance advantaged novel renewable chemicals which can proficiently replace its Petro-based counterparts.

## Nature Reimagined - Promise of Sustainability



## Bio-Prism™ Portfolio

### Bio-based Polymers :

Focused on Bioplastics, Praj is developing 'Best-in-Class' technologies with Lowest Carbon Intensity Index using sugary & starchy feedstocks.

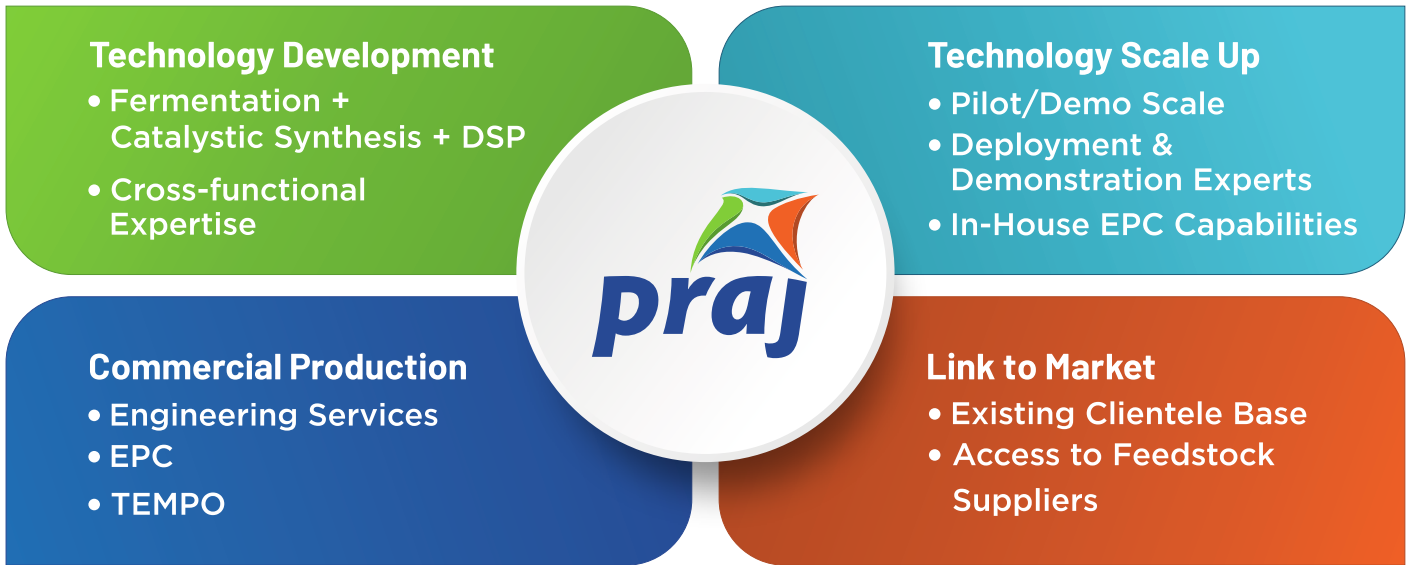
### Bio-Based Speciality Products :

Novel natural products using cross functional competency having applications in cosmetics, coatings, food sectors.

### Bio-Refinery Coproducts :

Efficient valorisation of all components of Agri based feedstocks - basis of Praj's Biorefinery concept. Bio-Fuels & Renewable chemicals-indispensable part of the Smart Bio-refinery.

# End To End Integration : Praj's Métier



- 🌀 **Feedstock Forward Approach :**  
Exhaustive knowledge of agri-based sugary, starchy and cellulosic feedstocks
- 🌀 **Cross Functional Expertise:**  
Amalgamation of competencies in Microbiology, Synthetic Biology, Catalytic Chemistry & Chemical engineering
- 🌀 **Process Optimisation & Integration :**  
Proven track record of Technology scale-up, demonstration & deployment
- 🌀 **Engineering Competencies :**  
Vast experience in Inhouse Manufacturing, EPC and Engineering Services
- 🌀 **Focus On Sustainable Development :**  
Focus on Technologies with Low Carbon Intensity Index, Zero liquid/solid effluent and recycle & reuse of waste streams
- 🌀 **Link to Market :**  
Forward and Backward integration with existing Clientele Base

38+ Years of Expertise | 100+ Countries | 1000+ References



Innovate • Integrate • Deliver

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