
**Green Diesel: An Alternative to Biodiesel and Petrodiesel** pp 351–375

Policies, Techno-economic Analysis and Future Perspective of Green Diesel

[Khursheed B. Ansari](#) , [Saeikh Zaffar Hassan](#), [Saleem Akhtar Farooqui](#), [Raunaq Hasib](#), [Parvez Khan](#), [A. R. Shakeelur Rahman](#), [Mohd Shariq Khan](#) & [Quang Thang Trinh](#)

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Abstract

Green diesel, also known as paraffinic diesel, is a promising next-generation automotive fuel produced from non-edible or waste vegetable oil through alkali catalyzed transesterification, hydrogenation, and supercritical non-catalytic transesterification. The sustainability of green diesel technology relies on robust policy and acceptance among the stakeholders. Further, the economics of green diesel production technologies are strongly affected by the feedstock cost, hydrogen