

MRPL 2G ETHANOL PROJECT

3rd EU-India Conference on Advanced Biofuels
New Delhi
2nd – 4th March 2020

Location & Bio Mass availability

- Biomass assessment study carried out through M/s PRESPL in Karnataka
- 4 Clusters identified with potential Biomass
- Harihara, Davangere District identified as suitable location.
- Requirement of Bio Mass for 60 KLPD Plant = 90 KT/Year
- Net Surplus Biomass of major crops available in Harihara within 50-70 Km radius in KT/Year

Corn Cob	Corn stalk	Cotton Stalk	Rice Straw
222	122	297	145

Project Status

- Land : Procured from KIADB (Karnataka Industrial Area Development Board)
- Water & Power : Available
- Environmental Clearance (EC) :
 - Public Hearing completed
 - Presentation made to State Apex Expert Committee. EC expected in April'20 and Consent for Establishment (CFE) by June 2020
- MRPL is considering Gas Fermentation technology
 - Syn gas production from Biomass Gasifier
 - Syn Gas Treatment
 - Fermentation of Syn gas using microbes to 2G Ethanol

Project Status (Contd...)

- Tender for Detailed Feasibility Report(DFR) consultant in process.
- Application for VGF submitted to CHT.
 - Under review by Scientific Advisory Committee.
- Approached State Govt for VGF & other support from the State.
- Targeted for commissioning in March 2023.

THANK YOU

Tentative schedule for Project

Ground Breaking	15 th Dec 2020
Mechanical Completion	30 th Dec 2022
Commissioning Date	31 st Mar 2023

