

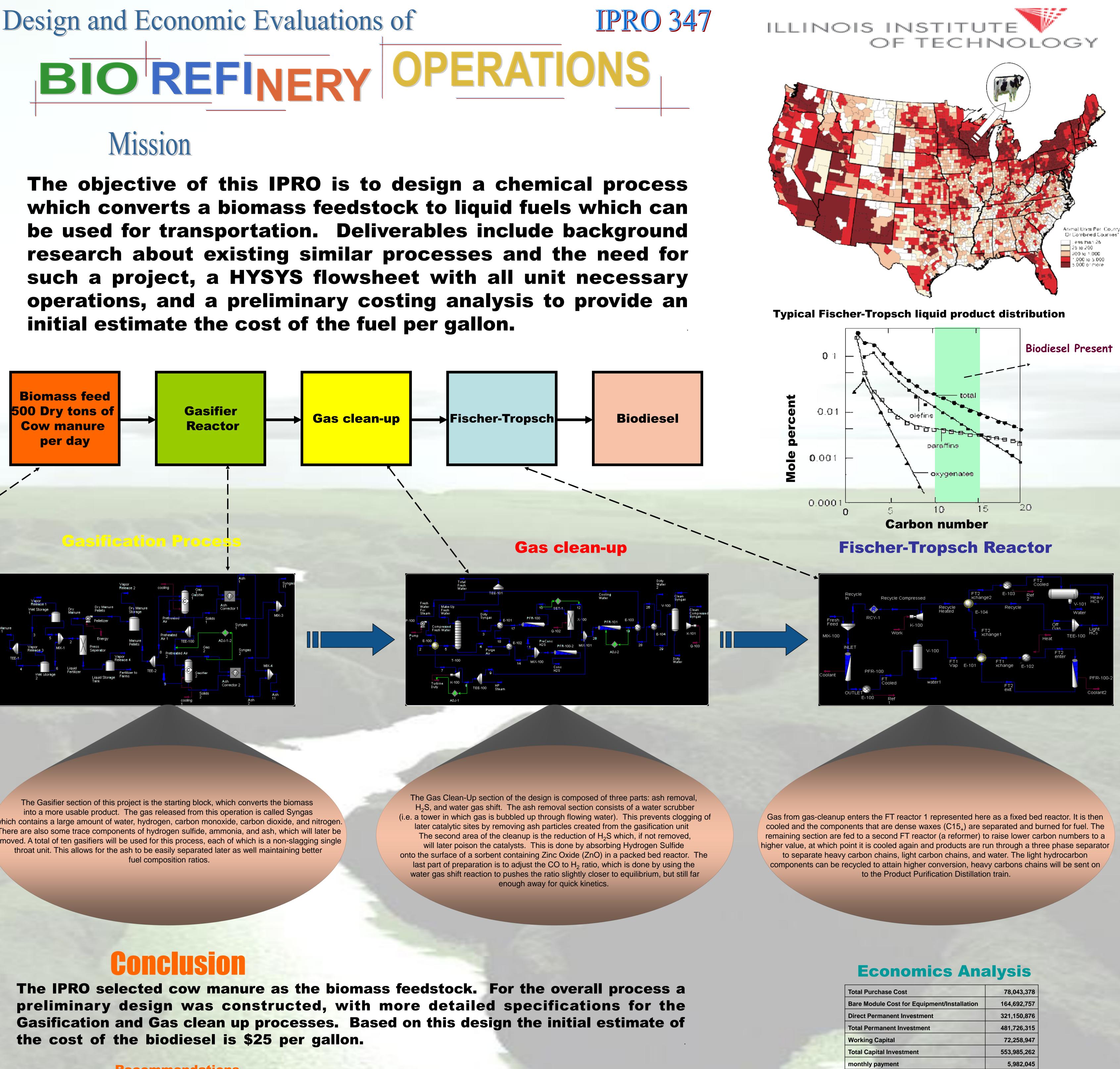
Cattle	Animal Units (AU)	Manure per AU	Tons Manure per	Dried Manure per	Availability per Day
23000	per County	2000	County per Year	County per Year	Assuming 260 days
Confined Fattened Cattle	5000	10.59	52950	6354	24.4
Confined Milk Cows	5000	15.24	76200	9144	35.2
Other Beef and Dairy Cattle	5000	11.5	57500	6900	26.5
Total	15000	37.33	186650	22398	86.1
Other Sources					
Confined Swine	5000	14.69	73450	8814	33.9
Confined Poultry	5000	10	50000	6000	23.1
Totals	10000	24.69	123450	14814	57

Sarah Ocwieja – Gasifier Team Leader Ben Roberts - Web Site Team Leader

Henry Michael - Poster Team Leader

Daisy Agose — Presentation Team Leader

Minsuk Jung Andrew Keen Raisa Pelae Hyun Woo Nyah Zarate



Recommendations

Future work would include a more detailed FT design, economic analysis and further product utilization.

Total Purchase Cost	78,043,378
Bare Module Cost for Equipment/Installation	164,692,757
Direct Permanent Investment	321,150,876
Total Permanent Investment	481,726,315
Working Capital	72,258,947
Total Capital Investment	553,985,262
monthly payment	5,982,045
payment per day	196,670
total sum per day	196,670
Biodiesel production	8,000
Cost per gallon	\$ <u>25</u>