

SRIYA GREEN ENTERPRISES

Clean-Green Innovative Solutions

www.greensriya.com

SGE Technologies Success Case Studies

1. Nano-Bio-Refineries: (bio-chemicals and bio-fuels)

- Seconds vs. 5 days; lowest capex and opex; biomass agnostic

2. “CS” Process: 50% lower Capex; 20% lower opex., 10-20 X faster; 30% CO2 reductions

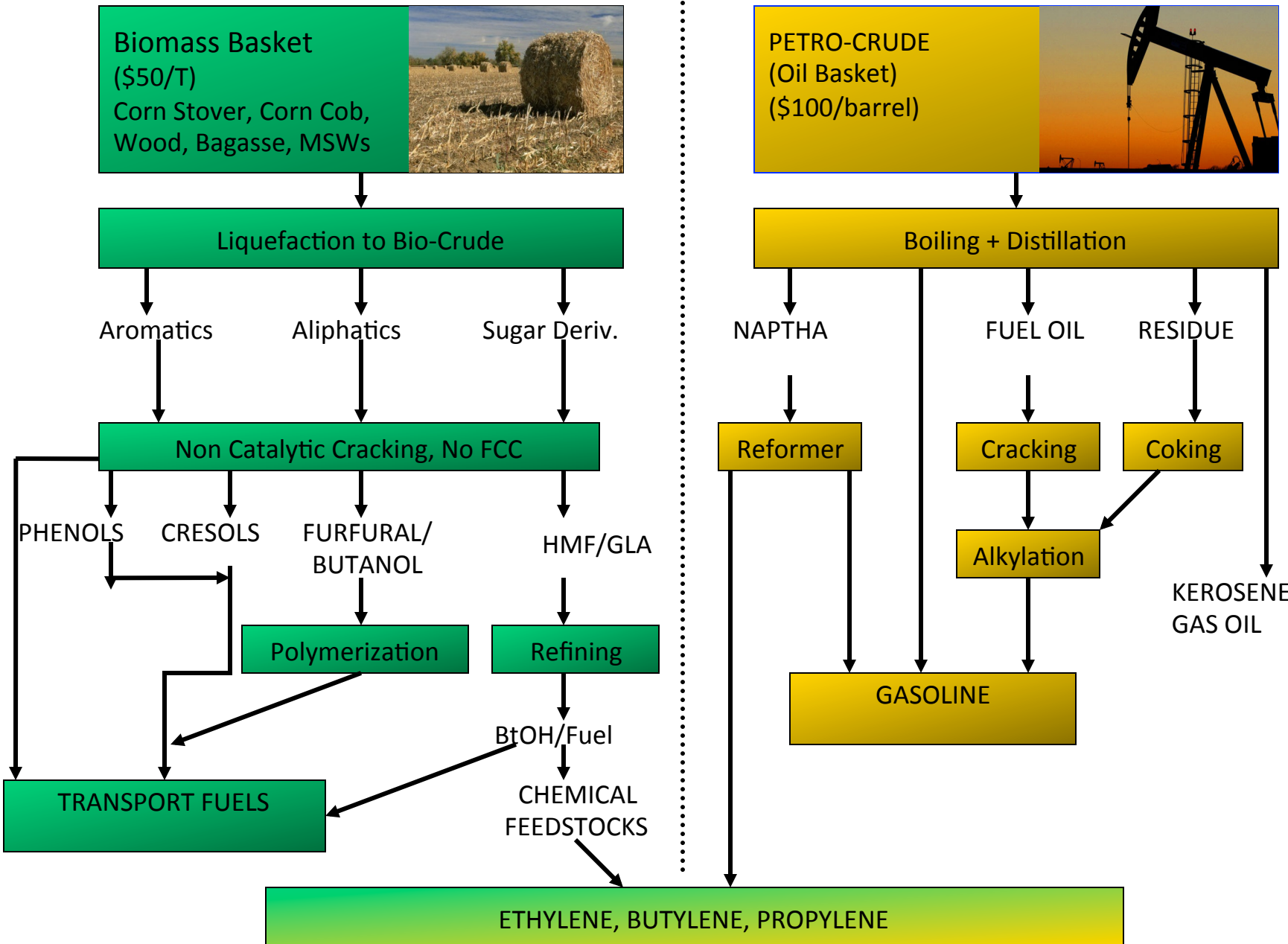
3. Green-Fertilizers: 30-40% more grains + biomass/ acre; 2nd Food+Energy+Env. Rev.

4. Positive Net Energy Water Desalination

- Potable water, green cement, green power, salt and chemicals using no fossil fuels

5. “Green Nucleus”: Green Community Networking

Non FCC, Non Catalytic Green Cracking Petro-& Bio Refinery + Bio-Crude



Sriya Pilot Plant 3TPD Operational



CS² = Comb. Syn. + C Sequestration

1. CO₂ sequestration in sea water = natural limestone
2. Sea water limestone to green (cement + energy)
3. Green power from surplus waste heat in a turbine
4. Distill sea water into potable water & brine
5. Brine to green chemicals and sea salt

Roman Age Invention



CONVENTIONAL CEMENT KILN

1. 5-8% world's CO₂
2. 2% of World's energy



SRIYA'S CEMENT KILN FREE

1. 50 X smaller, 20 S vs. 40 Min.
2. 30% + Energy & CO₂ Reduction

World's premier green
"Benchmarks, Ratings, Rankings and Transactions"
Global Green
Community Networking
based social networking site.



Today's Green Thought



The Vision of "Green Nucleus" is to make our planet earth greener, cleaner and safer through a grassroots "Green Movement" based on Green Communities Networking.

Green Member of the Day



The Green Nucleus Blog has been actively involved with several green social media web-based technologies recently for marketing, communication and networking opportunities...

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Pain and Opportunity

- “Catch 22”: Green “Start-Ups” need large capital and big companies waiting for proven start-ups
- Common human, is left out as no forum currently exists to germinate and launch their “simple but significantly impacting green innovations”
- Most green web sites focus on “Talk and Information” rather than “Action and Implementation”
- No common and accepted “Green Bench-Mark” exists today which can rate and rank “Greenness” among products, services and providers
- Need for a green focused marketplace with access to domain expertise
- Need for Real-Time GHG, and C Footprint Monitoring and Reduction

www.greennucleus.com

Topics for Discussion

- Personal Hygiene
 - 1% population conversion to natural products can save 200,000 tons/year of petroleum
- Personal Choices
 - Climbing 20 steps every time will save \$1000/elevator/year
- Purchasing and “CIFG” Costs = “G – Factor”
 - \$10/pound/6000 miles is the cost of GHG Emissions by cargo ships
- Courier Industry
 - In this digital age can we afford the GHGs of planes carrying paper?
- Audience Initiatives
 - Seek similar ideas from all of you to make planet earth “green and sustainable”



Thank You