



GreenMantra Technologies

A Sustainable Wax and Fuels Manufacturer

Date: 21st June 2012

Pushkar Kumar, President & CEO

235,000 TONS
OF PLASTICS IS GENERATED ANNUALLY IN ONTARIO

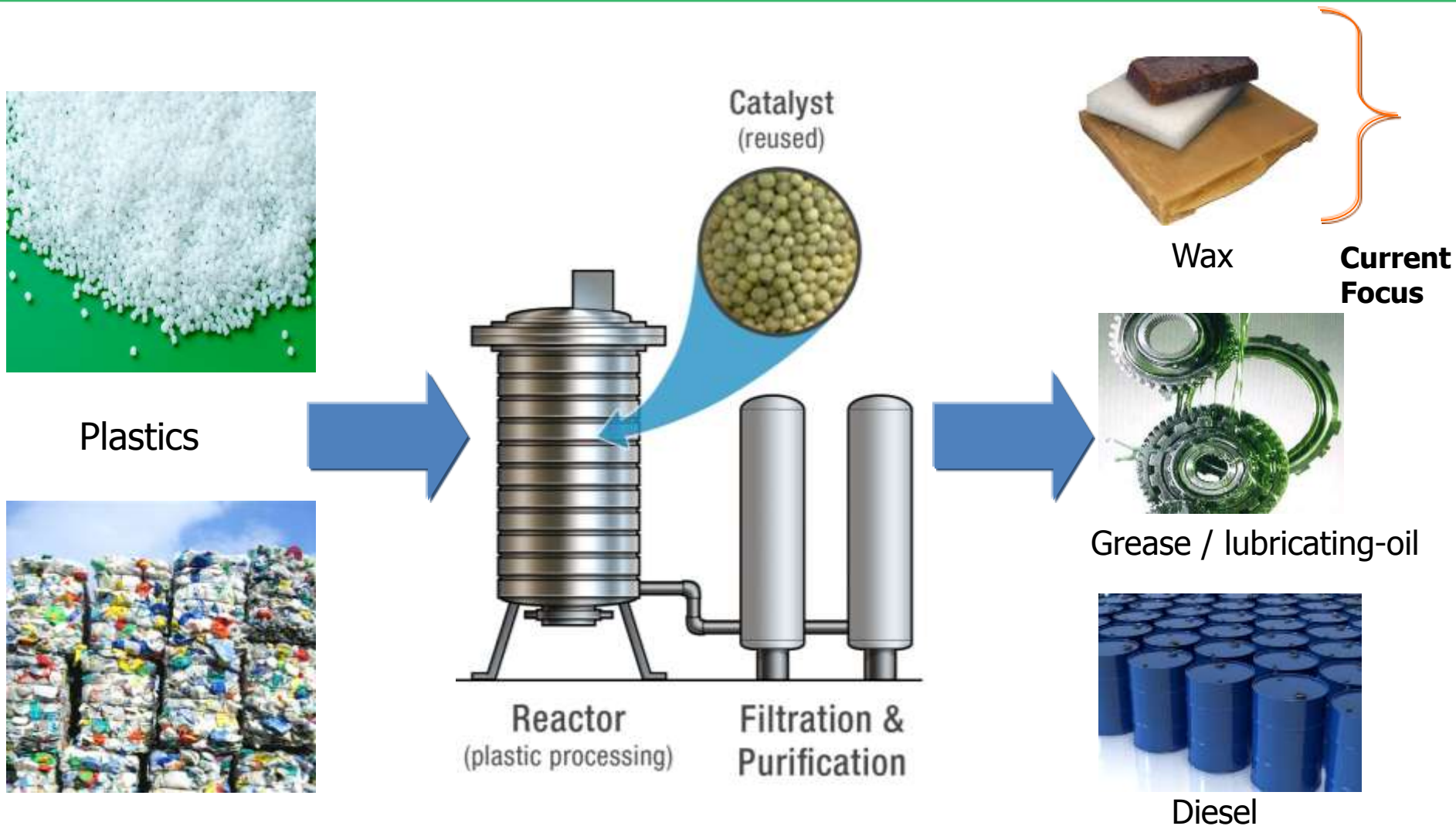
Already...



58,000 TONS

OR 25% IS RECOVERED

Adding Value to Plastic: Catalytic De-polymerization



Typical Wax Usages



North America Market: The Move to Synthetic Waxes

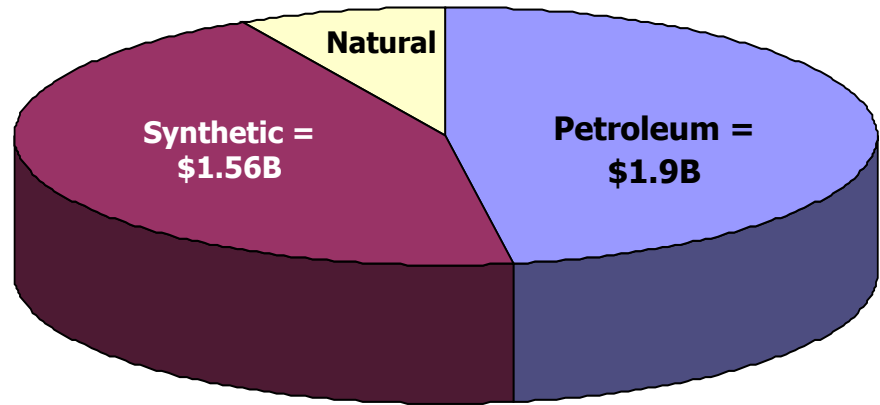
U.S./Canada Wax market, 2013(e) = \$3.6B

Pricing Trends

1. Increasing steadily
2. Petroleum waxes are cheaper than synthetic waxes

Supply Trends

1. Petroleum wax supplies are declining



Source: Global Industry Analysts (Natural & Synthetic Waxes, '10)

Key Players



sasol
reaching new frontiers



Honeywell



About GreenMantra Technologies

Who we are:

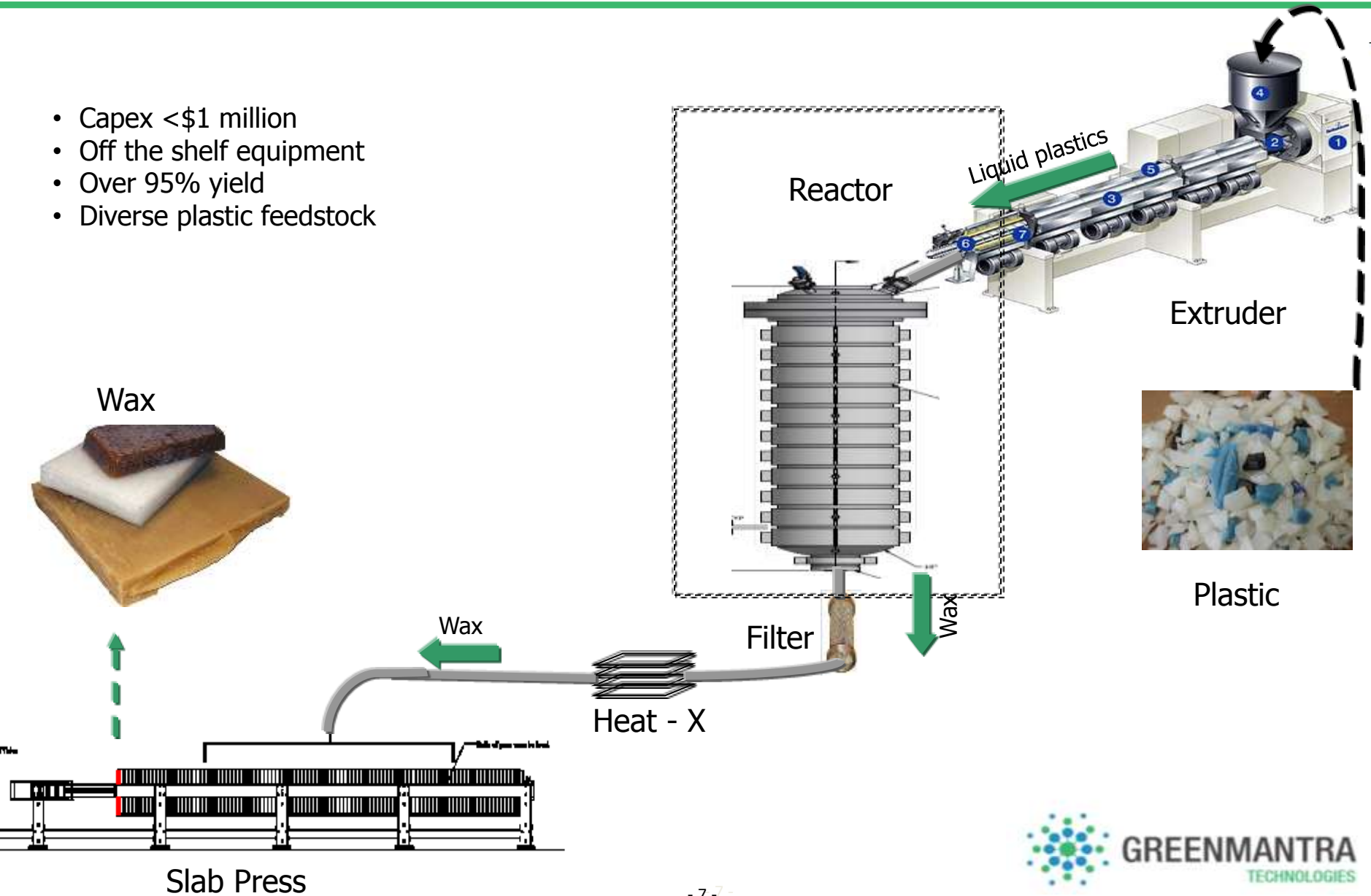
We are a technology company that uses our proprietary catalyst to cost effectively manufacture commercial quality wax, grease, lubricating oil and other fuels by processing plastics.

Our Progress:

- Intellectual Property: Process patent applied in US, EU & PCT; 2 to 3 more in the pipeline
- Currently developing commercial scale plant in Brantford
- Partnerships: European rights to the technology (wax manufacturing) successfully licensed
- Management Team: Seasoned team with experience in technology commercialization, sales, construction and financing
- Product tested by multiple customers with extremely positive feedback

Plastic to Wax – The Production Line

- Capex <\$1 million
- Off the shelf equipment
- Over 95% yield
- Diverse plastic feedstock



Our Process: Many Strategic Advantages

Low cost and plentiful feedstock

Large supply of plastic feedstock
Broad range of suitable plastics (HDPE, LDPE, LLDPE and PP).
Performing R&D for PET, PVC



Creation of "New local supply Chain"

We use recycled plastics, vs. synthetic gases or petroleum



Modular & scalable design: significantly lower costs

CAPEX Costs: \$0.75M for us vs ~\$50 million to \$2 billion



Wider product range

We tailor produce a wide range of products (wax, lubricating oil, grease, diesel)
Process Yield: +95% vs ~45%

Opportunity

Impact

- a. Develop value added product from Ontario's post-consumer plastics
- b. Usage of Ontario recycled plastics to create wax utilized locally
- c. Only Canadian manufacturer of synthetic waxes

Innovation

- a. Creation of breakthrough technology to recycle plastics
- b. Modular design, results in much lower costs and co-location opportunities
- c. Development of a new way to manufacture cost waxes

Influence

- a. Over 50 new jobs in 5 years
- b. Up to 20,000 tons of plastic diverted from consumer waste in 5 years
- c. Strengthen Ontario's manufacturing sector

Thank You

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