



Ethanol Summit 2011

Virent Energy Systems
Corporate Overview
Lee Edwards - CEO

NOT FOR DISTRIBUTION

Virent's BioForming® Technology



Sugar to renewable hydrocarbon fuels and chemicals.



Virent Biogasoline Demonstration Plant- Madison, WI

- **Identical Drop-in Products**
 - Gasoline, Jet & Diesel
 - Chemicals for plastics & fibers
 - Infrastructure Compatible
- **Fast and Robust**
 - Continuous Process
 - 90 minute conversion time
 - Industry Proven Scalability
- **Feedstock Flexible**
 - Conventional Sugars
 - Non-Food Sugars
- **Commercial Advantage**
 - Energy efficient
 - Multiple products – same plant
 - Low Carbon Footprint

Virent Energy Systems Overview

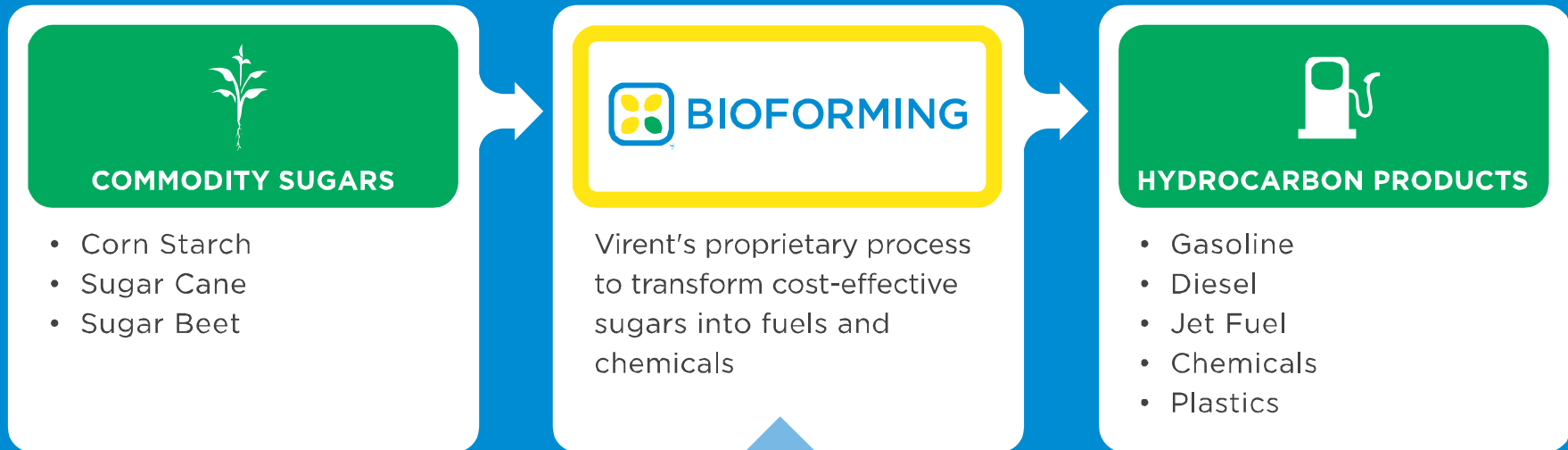


- Madison, Wisconsin
- 20+ R&D pilot plants in operation
- 10,000 gallon demonstration plant
- \$76M+ of venture financing
 - \$46.4M Series C financing in 2010
- \$48M+ of development funding from government and industry
- 21 Patents issued, 138 pending
- 100 employees

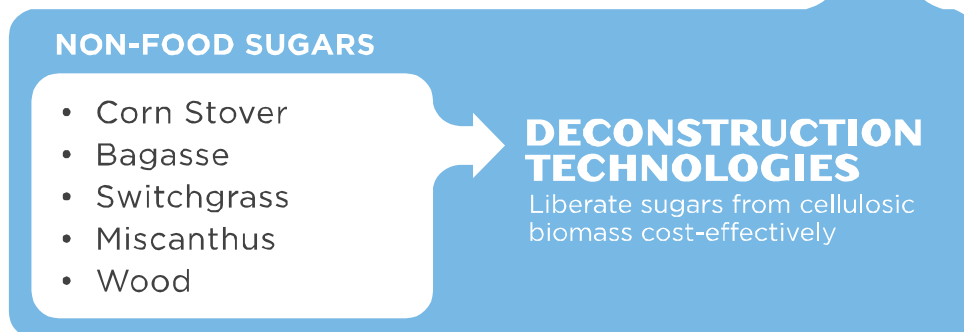
Virent Conversion Platform



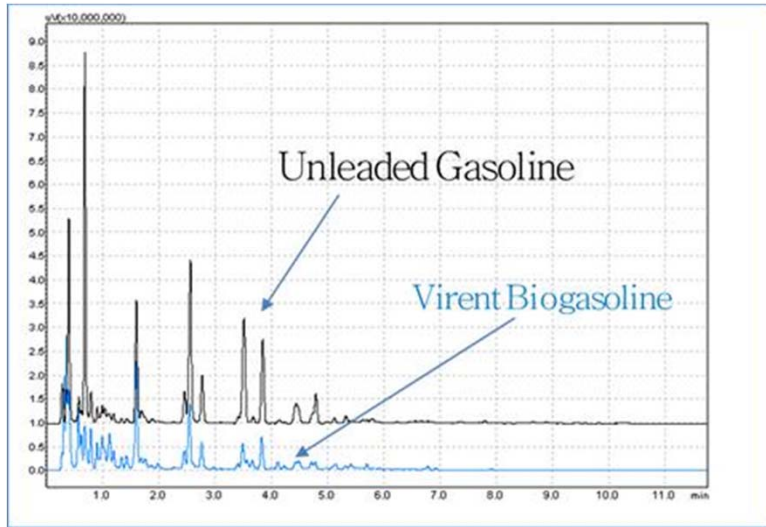
CURRENT PROCESS



IN DEVELOPMENT



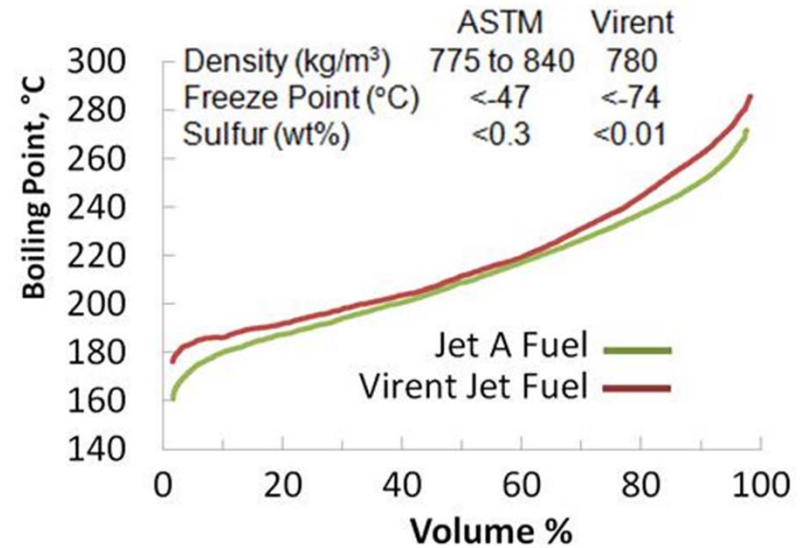
High quality, Drop-in Fuels



Premium Biogasoline – 120,000 Btu/gal



Virent fuel in Scuderia Ferrari race fuel



Virent Distillates meet ASTM Specifications

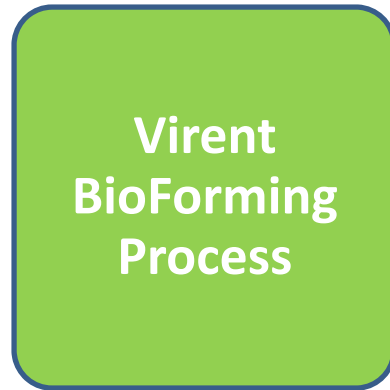


Energy dense, Drop-in Fuels

Virent Enables 100% Renewable PET



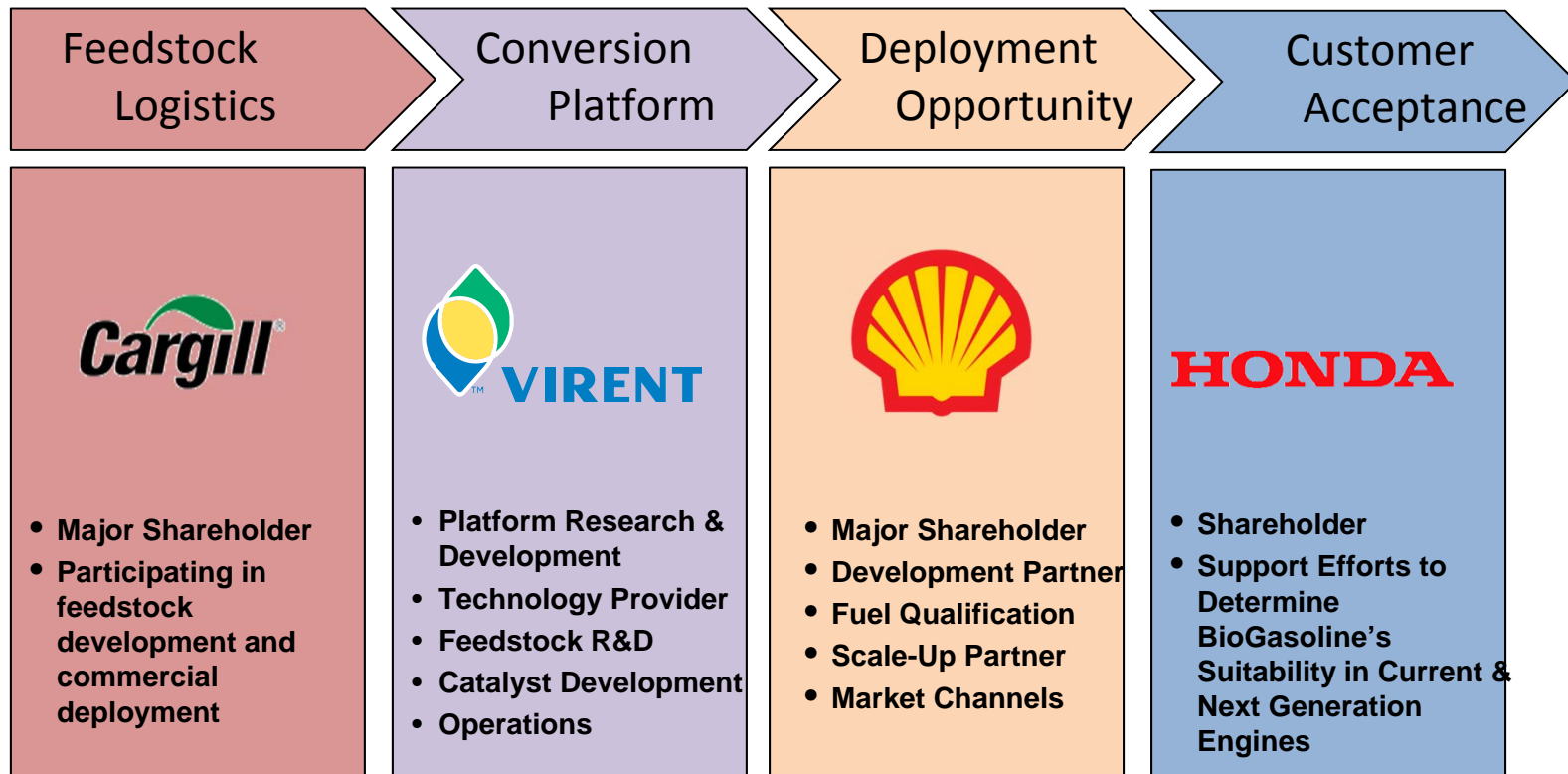
Virent
BioFormate™
product



Virent's BioForming Process Enables
100% biobased PET Bottles and Fiber.
100% renewable AND recyclable
packaging and materials



Strategic Investors & Partners



Chemicals & Gasoline Commercial Scale:

- > 20 million gallons annual capacity
- Chemicals collaboration with new partners
- Multiple Bio-product offers – faster, smaller scale
- Integrated for lower capital



Distillate Demonstration Plant:

- > 1 million gallons annual capacity
- Volumes for Jet certification and Diesel customer validation
- Feedstock flexibility
- Seeking off-take and access to capital



Lee Edwards

President and CEO

Virent Energy Systems, Inc
3571 Anderson Street
Madison, WI 53704

E-Mail: lee_edwards@virent.com

Phone: +1 (608) 237-8606

Fax: +1 (608) 663-1630

www.virent.com



VIRENT