Scaling Up Biotechnology

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28 PLANTS 1,900 TEAM MEMBERS

500 MILLION POUNDS of corn oil per year.

1.8
BILLION
gallon production
capacity.

SEE THE WORLD DIFFERENTLY

\$200 MILLION

(average) contribution to each plant's local economy

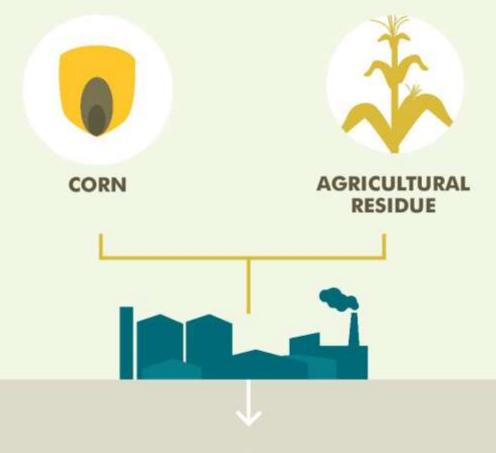
\$6 BILLION
IN ANNUAL REVENUE

800% GROWTH since 2000. 10 BILLION POUNDS

of distillers dried grains produced annually

and distributed to countries throughout the world.

THE ART OF POET BIOREFINING





















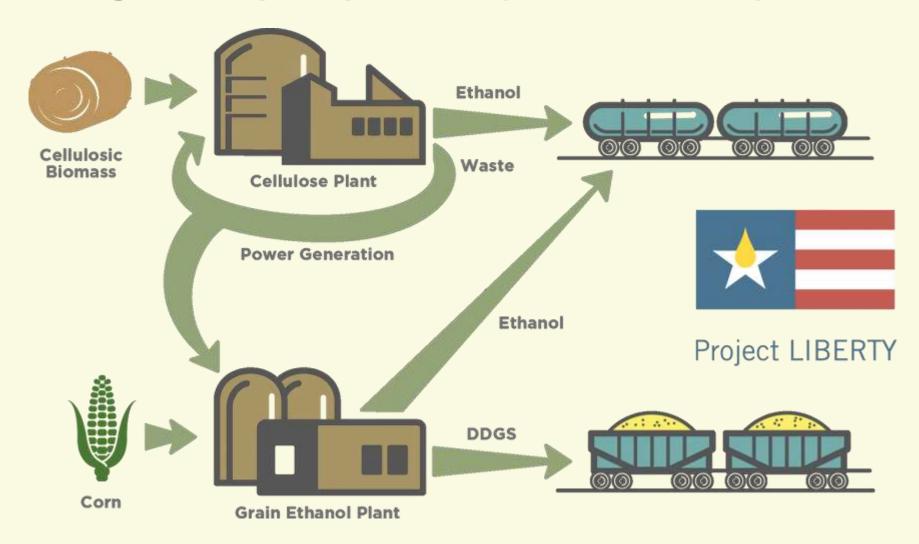


OILS

FIBER

LIGNIN

POET-DSM'S INTEGRATED MODEL







POET



POET

Liberty Update

- Biomass collection increasing
 - 2017: 95,000 tons
 - 2018: 220,000 tons
 - Environmental Impact = 85% 95% GHG reduction to 2005 gasoline baseline
- Pretreatment
 - 80% uptime in pretreatment
 - Success rate of 72 gallons per ton
 - Shipping biofuel regularly
 - Clear path to full production and licensing
- OSM On-Site enzyme Manufacturing facility
 - Partners investing in DSM's OSM enzyme production
 - Target Completion = Q3 2018
 - Will employ 10 full time jobs









HIGHER BLENDS



OPTIMIZED ENGINES



THE FUTURE OF ETHANOL

OFFERS A B

BETTER

OFFERS A BETTER SET OF FUTURE CIRCUMSTANCES



CLEANER



LESS FOREIGN OIL



THANK YOU



