RENEWABLE OIL FOR A RENEWABLE FUTURE

GBEP Seminar
WE Make Oil

WE CONVERT LOW COST PLANT SUGARS
TO HIGH VALUE RENEWABLE OILS – FOR FUEL, FOR FOOD, FOR LIFE
THE THREE SOURCES OF OIL TOUCH OUR LIVES DAILY

PETROLEUM
$2.9 T Market

PLANT OILS
$206 B Market

ANIMAL FATS
$29 B Market

Jet Fuel

Dielectric Fluids

Medicine

Soap

Paint

Detergent

Note:

The image illustrates the various products and industries that use oil from the three sources—petroleum, plant oils, and animal fats. Each category is represented by different symbols and icons, showing the diverse applications in everyday life.
BREAKTHROUGH BIOTECHNOLOGY PLATFORM

FLEXIBLE INPUT
- Sugarcane
- Ethanol Sludge
- Miscanthus
- Switchgrass
- Forest Residue
- Waste Streams

HIGHLY PRODUCTIVE MICROALGAE
> 80% oil*
*The average wild algae only has a 5-10% oil content

OIL DESIGNED TO SPECIFICATION

MULTIPLE HIGH-VALUE MARKETS
- Fuels
- Chemicals
- Nutritional
- Personal Care
Solazyme: A Global Company with Global Sustainability Impact
PARTNERSHIPS ACCELERATE TIME TO MARKET

UPSTREAM

FEEDSTOCK

MANUFACTURING

FERMENTATION

DOWNSTREAM, DISTRIBUTION

BRANDING, CONSUMPTION

FUELS & CHEMICALS

FUELS

CHEMICALS

BÜNGE

...and others

NUTRITIONALS

ROQUETTE

SKIN AND PERSONAL CARE

Commodity-Based Contracts

ALGENIST

Sephora

QVC
FUELS & CHEMICALS FACILITY ON TRACK FOR 2013

- Solazyme Bunge Renewable Products will break ground in 2012
- 100,000 MT renewable oil production facility is set to be completed by 2013
- Premium product for Brazilian market and major logistic savings
- Located in Sao Paulo state, Brazil, adjacent to Bunge’s flagship Moema mill
- Power and steam co-generated from sugarcane bagasse at the mill
SUGARCANE PROVIDES A LARGER LAND BASE

Saturated oils habitat are limited to a tight band around the Equator
ABILITY TO PRODUCE OILSEED MIMETICS IN PLACES OILSEEDS CANNOT GROW

FLEXIBLE INPUT

Solazyme Oil Expands the Saturated Oils Band

Feedstock flexibility enables Solazyme to produce oil throughout the world
WE OPERATE IN AREAS THAT ARE NOT FRAGILE ECOSYSTEMS

- Existing Agricultural Land
- We Operate in Non-Rainforest Areas
- Solazyme oil can be produced in semi-arid environments
