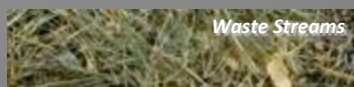
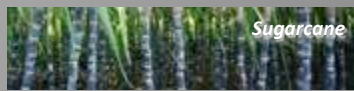


SOLAZYME: A BREAKTHROUGH SUGAR-TO-OIL PLATFORM

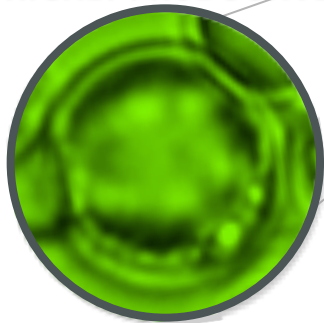
FLEXIBLE INPUT



MULTIPLE HIGH-VALUE MARKETS



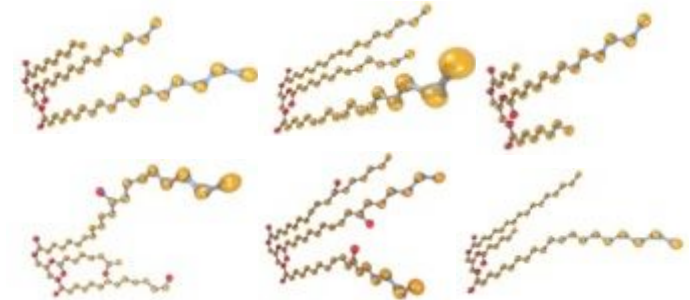
HIGHLY PRODUCTIVE MICROALGAE



> 80% oil*

*The average wild algae only has a 5-10% oil content

OIL DESIGNED TO SPECIFICATION



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

Cosmetics

Medicine

Soap

Floor Tiles

Shampoo

Lotion

Clothing

Paint

Mattress

Computer

Detergent

Spraypaint

Lubricants

Mayo

Cleaner

Cooking Oil

Butter

Hose

Tires

Cookies

Ice Cream

Car Seating

Boots

Engine Grease

Pet Food

Candles

Lacquer

TV Frame


Ceiling Tiles

Upholstery

Adhesive

Fertilizer

FOOD AND CHEMICALS: BROAD MARKET OPPORTUNITIES

Announced Target Volumes	Oil Profile	Target ASP Range (\$/MT) ¹	Market Size (MT) ¹	End Markets	Announced Partners & Potential Customers
Solazyme Bunge 100-300k MT	Oleic Platform	\$1,800- \$3,000	>1M	<ul style="list-style-type: none"> Lubricants Functional fluids Oleochemicals Food Services Retail food oils 	
	Lauric Platform	\$1,500- \$2,500	>3M	<ul style="list-style-type: none"> Surfactants Oleochemicals Personal Care 	
ADM/Clinton 20-100k MT	Myristic	\$3,000+	>150k	<ul style="list-style-type: none"> Surfactants Oleochemicals Personal Care 	
	Cocoa Butter	\$3,600+	>1M	<ul style="list-style-type: none"> Packaged Foods Personal Care 	

Additional oils under development for markets >1M MT with ASPs >\$2,000

Multiple defined paths to market for high value oils

¹LMC, ICIS, Bloomberg, Euromonitor, Freedonia, customers and industry consultants

Nutritionals



- Ability to eliminate trans fats in food applications, but retain texture
- Oil profiles have benefits of animal fat without “bad” cholesterol
- Ability to deliver structure and texture without hydrogenation

Industrials & Personal Care



- Product formulations with sharp melting at desired temperatures
- Creamy textures with consistent, long lasting results
- Improved formulations with more flexibility, such as no “oiling out”

SOLAJET AND SOLADIESEL— SUPERIOR FUELS

Inherent properties of Solajet and Soladiesel could provide significant operational benefits and savings



At the temperatures that military jet engine perform at, an additional 25 degrees in temperature can shorten the life of the engine by half...preliminary data showed that engine parts could last up to 10 times longer, if the new high performance fuels were employed in place of conventional fossil fuels.

**Omar Mendoza, Air Force Special
Advisor on Energy and Fuels**

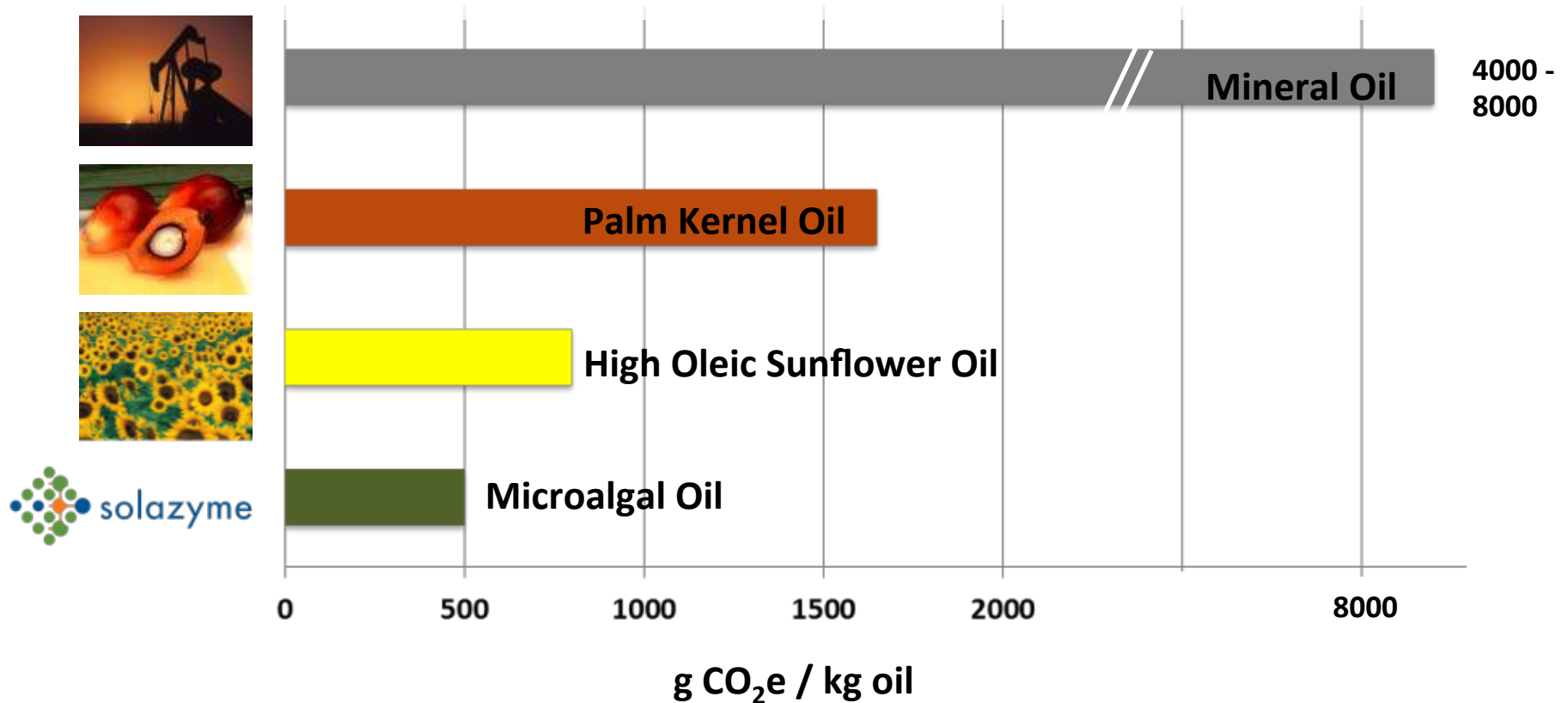


“Biofuels can compete and can be used in every single thing that we do in the Navy... It takes care of a military vulnerability that we have.”

*--U.S. Navy Secretary,
Ray Mabus*



UP TO 16X REDUCTION IN GHG EMISSIONS VS. MINERAL OIL



WE MAKE OILS

*WE CONVERT LOW COST PLANT SUGARS
TO HIGH VALUE RENEWABLE OILS – FOR FUEL, FOR FOOD, FOR LIFE*