



No Compromise[®] Diesel Fuel – a future for the California market

Fernando Garcia

Senior Director, Fuels Certification & OEM Relations

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The forward-looking statements included in the presentation may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements address the financial condition, results of operations, business and initiatives of the company in 2008 and beyond and are subject to certain risks and uncertainties that could cause actual results to differ materially from such forward-looking statements.

The Company undertakes no obligation to update or revise any forward-looking statements to reflect events or circumstances that may arise after the date of this presentation. Nothing said today is, or should be relied on as, a promise or representation as to the future performance of the Company.

This presentation should not be construed as a general solicitation.

- ▶ **Completed \$20+MM Gates Foundation grant - platform for isoprenoid production leading to significant lives saved due to scalable supply of less expensive anti-malaria drug**
- ▶ **Pioneering yeast technology enabling the production of more than 50,000 hydrocarbon molecules**
 - **New strain of yeast turns sugar into hydrocarbons instead of ethanol**
 - **Feedstock agnostic**
- ▶ **Product portfolio - diesel, jet fuel and wide-range of chemicals**
- ▶ **Marketing and distribution channels to deliver products in the United States and other global markets**

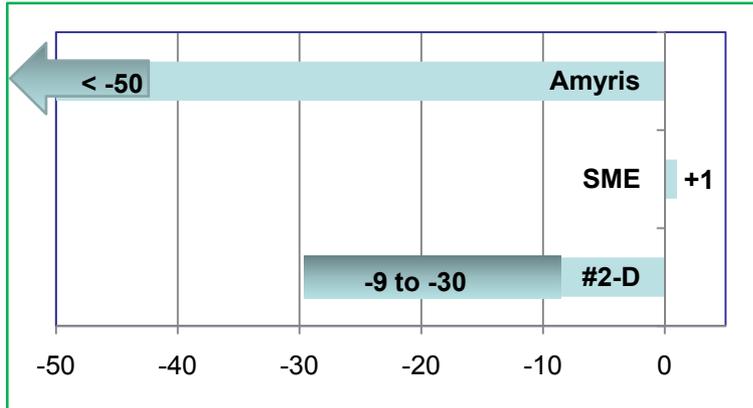


Micrograph of Amyris yeast producing diesel – August, 2008

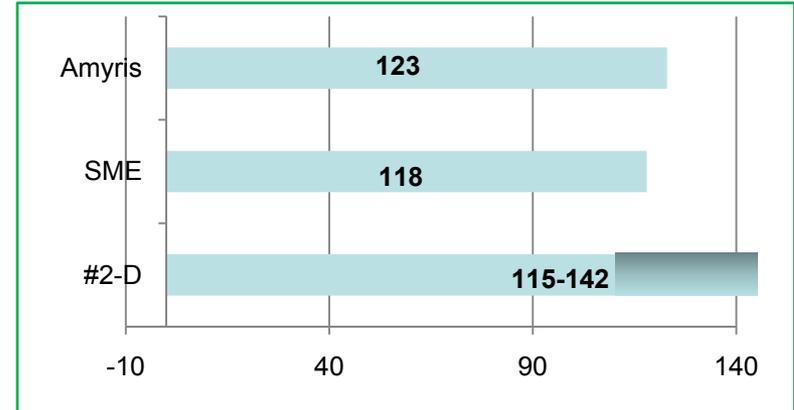
Amyris Renewable Diesel Fuel

A better renewable diesel fuel by design

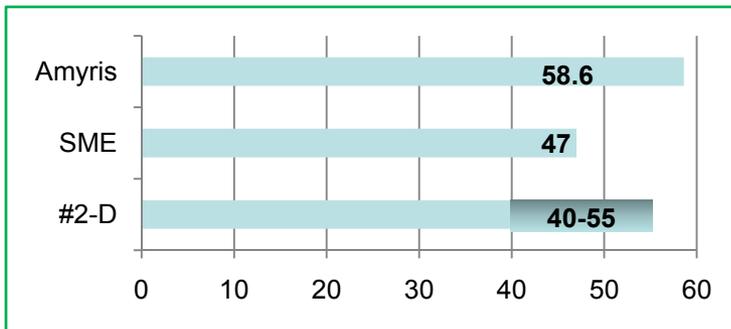
Cloud Point (°C)



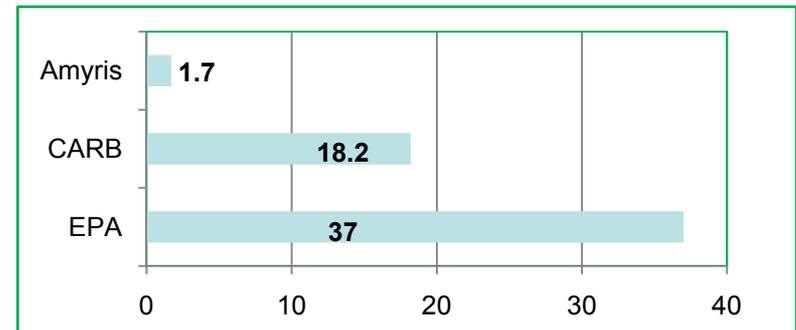
Energy Density (1,000 BTU/gal.)



Cetane Number



Aromatics (%vol.)



Diesel fuel registered with the EPA at a 20% blend

Note: Amyris diesel will be used in blends with conventional fuels; values shown for Amyris diesel is for our biomass derived blending component; SME = Soy Methyl Esters

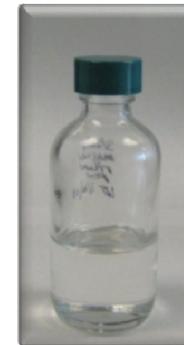
Amyris Renewable Diesel Fuel

Next generation No Compromise® Diesel Fuel



- ▶ Fully compliant with ASTM D975 compliant
- ▶ Fully compatible with existing distribution, storage and engine technologies
- ▶ Third-party demonstrated lower NO_x, HC, CO and particulate matter exhaust emissions
- ▶ 100% reduction in life-cycle emissions (gCO₂e/MJ) verses petroleum ULSD*
- ▶ Preliminary road validation with light-duty and medium-duty vehicles
- ▶ Technology capable of utilizing future California energy feedstocks (e.g. sweet sorghum and sugarcane) and taking advantage of in-state cellulosic biomass (e.g. rice straw) when volumes become available

Amyris Diesel

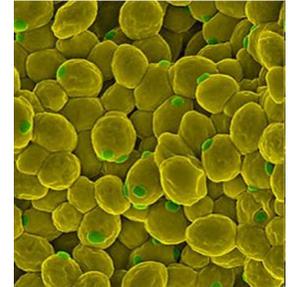


Tolling production - April 2009

* Life cycle analyses prepared by Life Cycle Associates, LLC, based on data provided by Amyris and using GREET default inputs where appropriate.

Genetically Modified Microorganism (GMM) key features:

- As the host microbe is common yeast, it is Generally Recognized As Safe (GRAS) by the US EPA for beer, wine, bread-making, animal feed, etc...
- Other genetically modified yeast is similarly used in commercial applications for human use including insulin (diabetes) and vaccine (Hepatitis B) production, as well as industrial chemical (lactic acid) production
- Contains non-toxic, non-allergenic genes introduced in a highly stable manner
- Is safe for human-handling, based on third-party risk assessment, literature research and animal testing of organism and product
- Live GMM will not be released into the environment, compliant with EPA guidelines

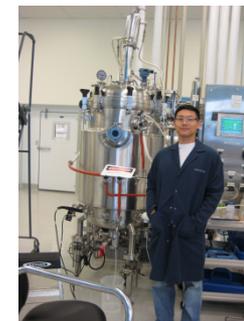
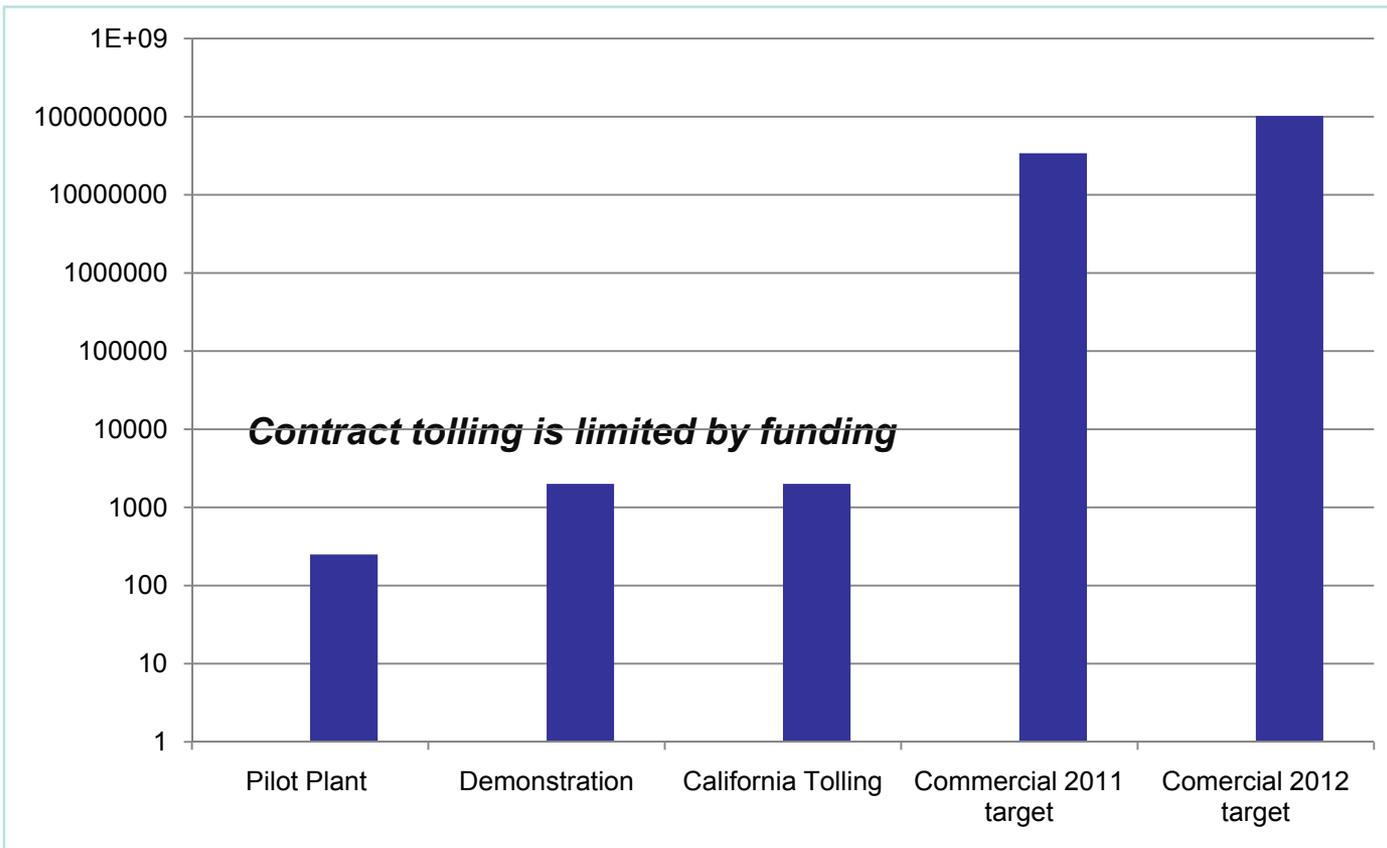


Amyris genetically engineered yeast

Projected Production Capabilities

pilot, demo, contract and commercial scales

Gallons Per Year



Amyris pilot scale fermentor



Amyris demo-scale fermentor

Government Policy:

- Stream-lined process for LCFS pathway certification
- Efficient bio-refinery plant construction permitting
- Availability of loan guarantees for in-state bio-refinery construction

Infrastructure:

- Access to California port terminals
- Access to distribution storage facilities

Biomass Feedstock

- Bio-refinery must be located near available sugarcane feedstock
- Availability of in-state feedstocks (e.g. sweet sorghum)

Commercial Production:

- Cost-effective hydrogen sourcing
- Production scaling R&D
 - microbe survival in industrial environments
 - improved yield rates at production scales
 - feed rate optimization
 - greater efficiencies in liquid:liquid separation
 - hydrogenation process requirements
 - process cost controls
 - non-destructive materials compatibility testing

OEM Engine/Vehicle Warranty Acceptance:

- Robust on-highway demonstration

Requested CEC Funding: 2010-2011 Investment Plan Cycle program

Grant funding for production scaling R&D and demonstration program

Renewable Diesel Contract Production	\$2,891,000
Diagnostics & Measurements	\$100,000
Administration & Project Management	(Amyris)
Total:	\$2,991,000

Project expenditures will be fully expensed with in-state fermentors, scientific analysis, diagnostics and chemical processing.

Renewable diesel production for 20% blend rate results with fuel quantity supporting a 12 month medium to heavy duty vehicle demonstrations



California fermentation facility