



EGM
WORLD



FOR PEACE

BY MART LAMIS

EGM SynFuels

Our “**EGM Synfuel**” fuels have the SAME molecular composition as petroleum fuel – with premium performance and a cleaner **CARBON-NEUTRAL** environmental footprint.





EGMFUELS

EGMCrude technology delivers

PETROLEUM
competitive with \$30 A BARREL OIL

AND **ELECTRICITY** AT **4¢** PER kWh,

from **ANY CARBON-BEARING MATERIAL**
on Earth.

EGM SynFuels, is a privately-held renewable energy company based in Dubai, UAE, established to **DESIGN, BUILD, AND OPERATE** regionally-and international integrated, small-to-midcap electricity and petrochemical production facilities.

The EGM SynFuels Partners have developed engineering projects for water, power and fuel productions across the World.

WE PRODUCE

GREENFUEL | GREENCHEMICALS | GREENPOWER



EGM Fuels derives ELECTRICITY and premium PETROLEUM-EQUIVALENT FUELS such as GASOLINE, DIESEL, and JET FUEL from what are primarily waste materials.

...FROM

COMPANY

EGM SynFuels profitably converts ANY carbon-bearing material on the planet.



Urban Waste



Old Tires



Farm Waste



Wood Waste



Energy Crops



STP Sludge



Coal



GARBAGE



BIOMASS



PLASTIC

GREEN PETROLEUM

EGM produces **GPetroleum™** (a.k.a. **GREEN Petroleum™**),
a true **petroleum replacement**, at a cost competitive
with – and cleaner than – traditional fossil fuel.

GreenPetroleum refers to advanced bio-hydrocarbons, generically known as synthetic petroleum or bio-petroleum. Bio-hydrocarbons are similar to conventional hydrocarbon fuels, such as gasoline or diesel, but are produced from biomass and other alternative materials.

Advanced bio-hydrocarbons are considered a **“drop-in” fuel**, because **their use does not require modifications to existing petro-fuel distribution infrastructure or vehicle engine modifications.**

Similarly, the energy content of advanced bio-hydrocarbons is equivalent to that of their petroleum counterparts (i.e., diesel, and jet fuel).

Petrofuels Biofuels



Chemical Structure:	Baseline	Major Difference
Fuel Quality:	Baseline	Lower
Greenhouse Gas Reduction:	Baseline	20% – 75%
NOx Emission:	Baseline	Up to 10% Higher
Carbon-NEGATIVE Fuel Blend:	NO	NO
Petro Infrastructure Compatible:	YES	NO
Vehicle Blend Compatibility:	YES	5% – 20% Max
Cost to Retrofit a Pump Station:	Zero	\$50K – \$250K
	Diesel	Biodiesel
Energy Content:	Baseline	10% LESS Energy
Price Per Gallon (Q3 2010):	\$2.95	\$4.15 (B99)
Price Translated to MPG Cost:	Baseline	41% HIGHER Cost
Cetane Number:	40 – 55	45 – 65
Cold Flow Properties:	Baseline	Poor
Oxidative Stability:	Baseline	Poor
	Gasoline	Ethanol
Energy Content:	Baseline	50% LESS Energy
Price Per Gallon (Q3 2010):	\$2.75	\$2.25 (E85)
Price Translated to MPG Cost:	Baseline	31% HIGHER Cost
Octane Number:	87 – 91	94 (E15)
Water Resistance Limit:	Baseline	Very Poor

EGM

Green SynFuel & Power

GPetroleum



INDISTINGUISHABLE

Excellent

85%

10% Lower

YES

YES (Up to 100%)

Identical (Up to 100%)

\$0 (uses same pump)

GDiesel

5% – 10% MORE Energy

\$2.95 (= to Petro)

Up to 10% LOWER Cost

75 – 90

Excellent

Excellent

GGasoline

5% – 10% MORE Energy

\$2.75 (= to Petro)

Up to 10% LOWER Cost

95 – 105

Excellent

COMPARING REGULAR **BIOFUELS**,
LIKE ETHANOL AND BIODIESEL, TO
GPETROLEUM™, IS LIKE RELATING
APPLES TO ORANGES – THEY ARE
NOT THE SAME.

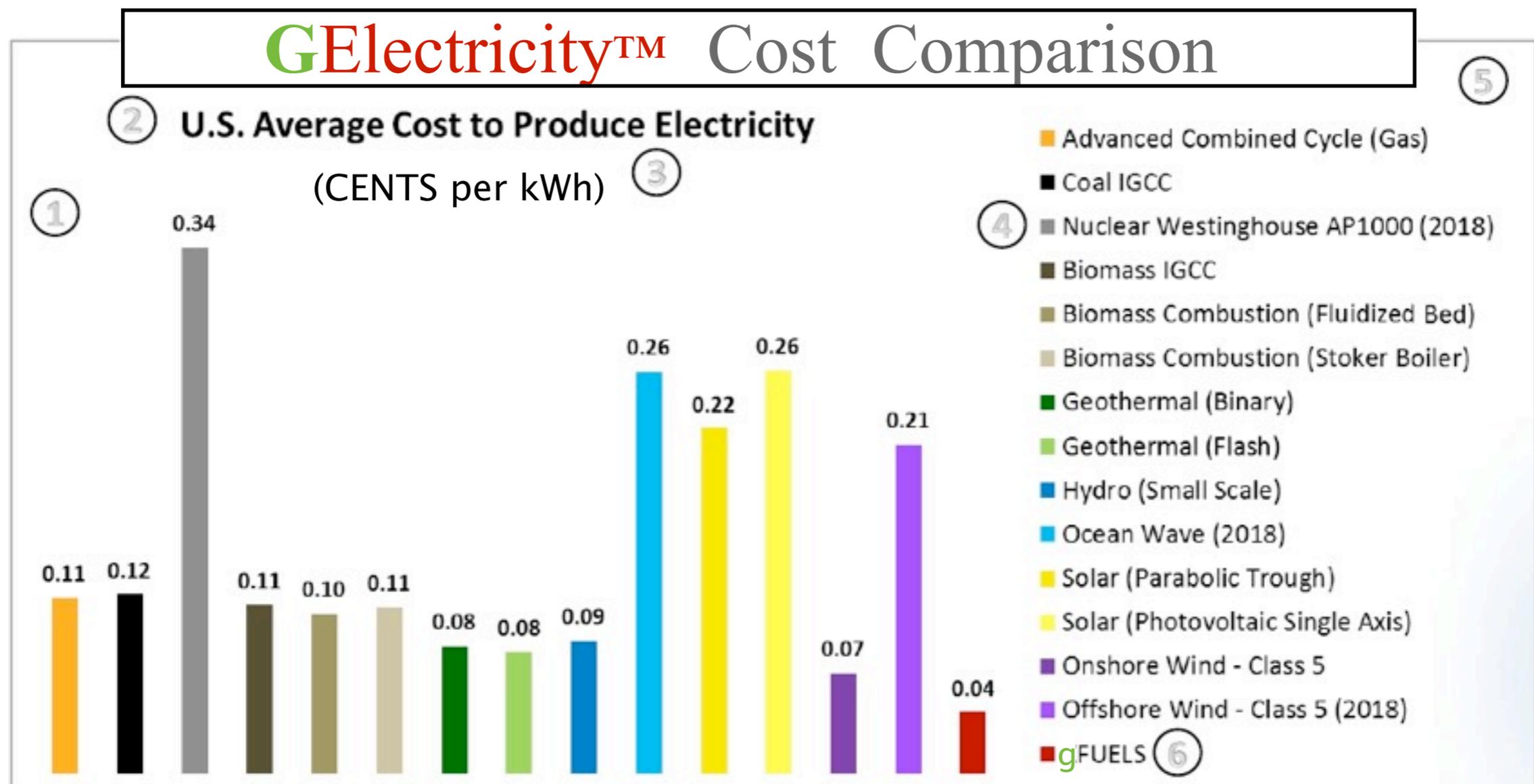
GPETROLEUM™ CHEMICALS

A CLEAN ALTERNATIVE
TO PETROCHEMICALS
USED IN THOUSANDS
OF PRODUCTS:

- **Plastics:** bags, toys, food packaging, kitchenware, storage, etc.
- **Personal Care Products:** soap, lip balm, skin moisturizers, hair dye, etc.
- **Polycarbonate:** lenses in eye glasses, viewers, etc.
- **Synthetic Fibers:** latex, acetate, acrylic, nylon, polyester, rayon, etc.
- **Inks:** for printers, fax machines, etc.
- **Synthetic Rubber:** elastic, polyurethane, neoprene, etc.
- **Cleaning Supplies:** soaps, laundry detergent, etc.
- **Lubricants:** machine oil, motor oil, greases, etc.
- **Paraffin Wax:** candles, coatings, crayons, etc.
- **Petroleum-base Coatings:** laminate, wire covering, etc.
- And THOUSANDS more

GREENPOWER

gFuels is able to produce **electricity at one of the lowest known costs in the entire energy sector**. The chart below provides a comparison of cost per kilowatt hour (kWh) for electricity generation, using data from each of the leading technologies currently providing power in the United States.





- ① All costs (except gFuels) are from the U.S. CA Energy Commission (2009 Report), and reflect 2007 cost of generation, "based on empirical data collected from operating facilities, research from primary sources, actual costs and surveys of expected costs from experts in the field, and reference documents."¹
- ② The data used to generate the chart at left is taken from one of the most advanced comparative financial analysis models for energy generation to date, known as the "levelized cost" approach. The "levelized cost of resource" represents a constant cost per unit of generation computed to compare one unit's generation cost with other resources over similar periods. These levelized costs are useful for evaluating the financial feasibility of an energy generation technology and comparing the attributes of different generation projects. Since plant characteristics, capital costs, plant operations, financing arrangements, and tax assumptions can vary, different assumptions will produce significantly different levelized cost estimates. The Energy Commission report and the data set for all technologies here compared to gFuels, use a consistent set of assumptions to be able to compare the merits of each.
- ③ Very few of the other technologies shown can accommodate "micro-sized" power plants (3.5 megawatt or less) at the cost per kilowatt capacity listed. At a minimum, practically all other technologies listed must be built at 4 to 8 times the size to achieve the cost shown. gFuels is unique in its ability to efficiently deploy cost-effective "micro" facilities.
- ④ Three technologies shown on the chart, Nuclear, Ocean Wave, and Offshore Wind, are shown in 2018 costs, as they are not projected to be commercially viable and deployed until that time.
- ⑤ The data shown is for a "Merchant Facility." Merchant Facilities are plants financed by private investors, which sell electricity to the competitive wholesale power market. The gFuels process economics have also been measured against Investor Owned Utilities, and Public Owned Utilities. gFuels is equally attractive compared with any competition.
- ⑥ The levelized-cost analysis reveals the GRefinery as one of the most promising options currently available in terms of "fully loaded" process economics.

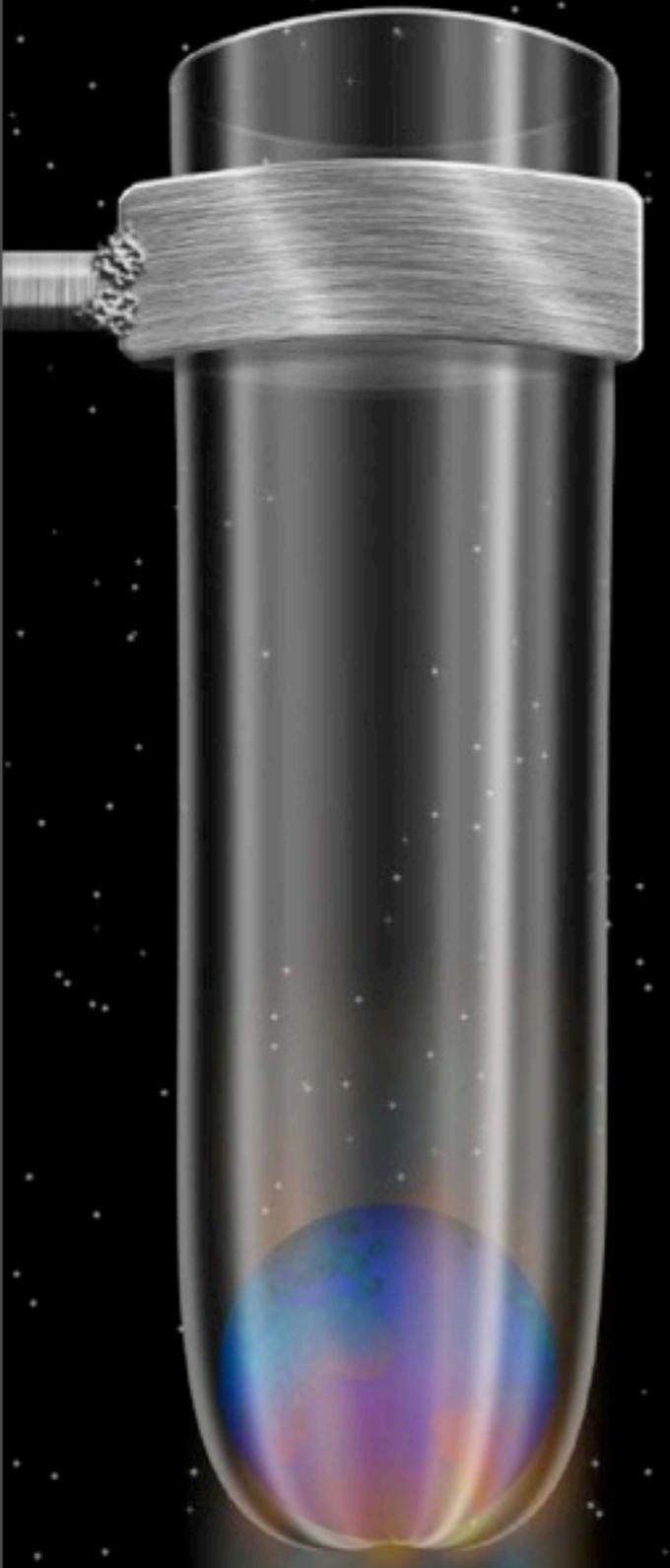
CARBON-NEGATIVE

The cumulative effect of gFuels' proprietary technology processes allows the corresponding electricity and petrochemical components, such as GGasoline or GDiesel, to have a CARBON-NEUTRAL, or even CARBON-NEGATIVE rating, known as G2Power and G2Fuel.

G²

The premium G² (G-Squared) rating is assigned by gFuels, because G² power and fuels are both (A) carbon neutral in nature, and (B) deliver an equivalent amount of carbon capture and sequestration. Carbon is removed from the earth's eco-process cycle, through 1) the use of carbon in the production of fuel, and 2) additional consumption of carbon via the gFuels bioreactor which produces food-grade GAlgae™. Any remaining carbon, typically less than 1%, is sequestered in the soil through the production and use of GFertilizer.

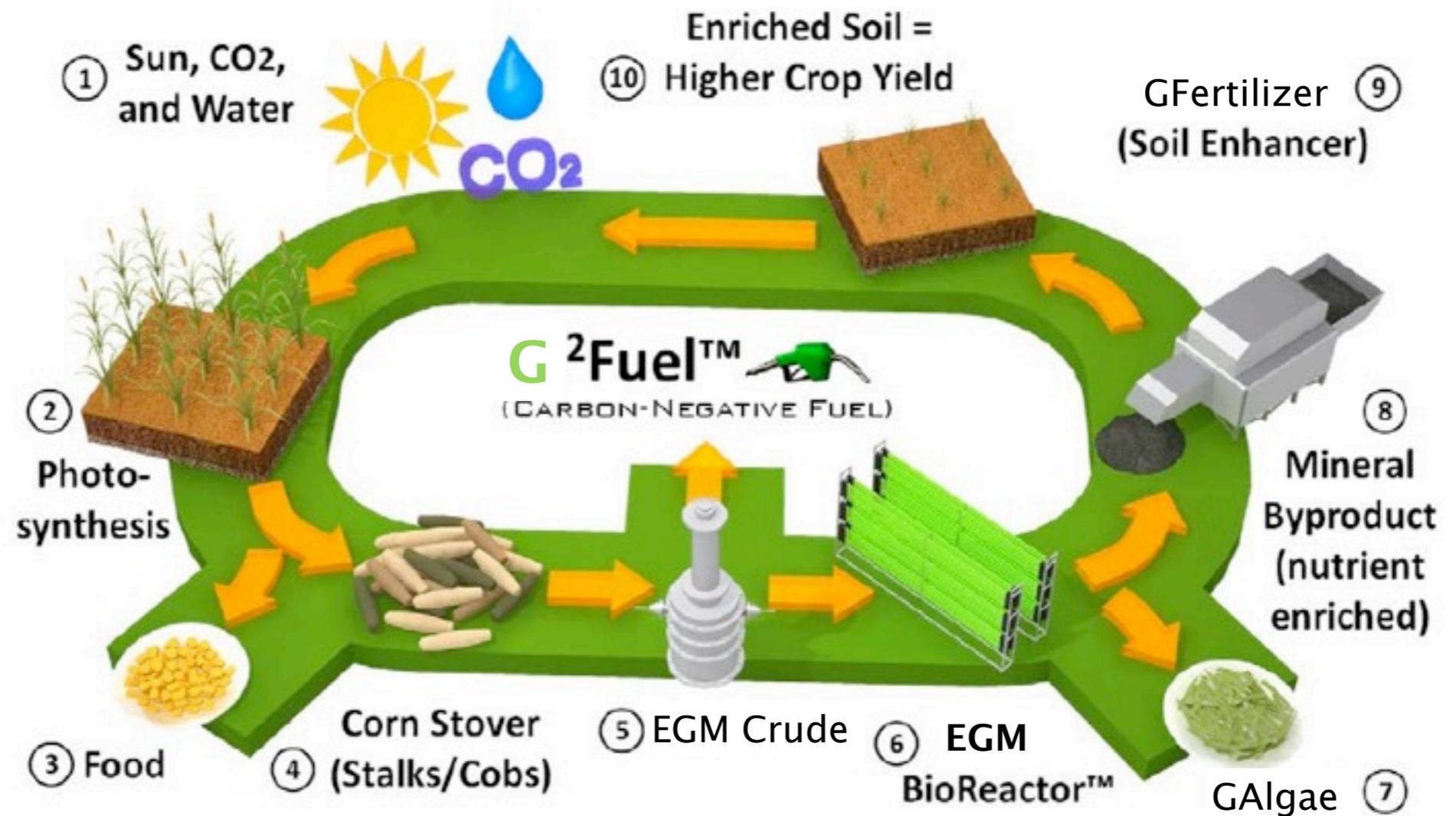
G²POWER™ AND G²FUEL™ PROVIDE UP TO TWICE THE ENVIRONMENTAL BENEFITS COMPARED TO TODAY'S CLEANEST TECHNOLOGIES SUCH AS WIND, HYDRO, OR SOLAR POWER, AND ELECTRIC CARS.



gFuels Carbon-Negative Fuel Production Cycle

Example shown for Waste Corn “Stover” (stalks & cobs) feedstock

1. The sun, carbon dioxide, and water naturally support plant growth.
2. Crops consume carbon dioxide and emit oxygen in photosynthesis.
3. The food crop (corn) is harvested.
4. The crop field waste – corn stover (corn stalks, cobs) – is ground up as feedstock for the GRefinery.
5. The EGM Crude process dissociates the molecules in the corn stover, and produces a high quality fuel-gas which is converted into electricity, and fuels.
6. The EGM Bioreactor sequesters the additional carbon.
7. Food (GAlgae) is auto-harvested in the bioreactor for use in high-grade nutrition products.
8. The remaining mineral byproduct is nutrient enriched to specifications.
9. gFuels soil enhancer, GFertilizer, improves retention of water and minerals.
10. The enriched soil naturally produces a better yield.



By using carbon-negative G₂ power/fuels, major global polluters can become *some of the cleanest companies on the planet.*

LEADERSHIP

WORLD CLASS EXPERIENCE

A talented and experienced leadership group has been assembled for commercialization of the compelling **EGM Crude™** technology.

The **gFuels** management team has developed engineering projects across the World and successfully seeded UAE, African and European developments of **RENEWABLE ENERGY FACILITIES** producing over **250 MILLION GALLONS OF RENEWABLE FUELS** and **250 MEGAWATTS (MW) OF ELECTRIC POWER**, annually.

gFUELS MANAGEMENT PRIOR ENERGY PROJECTS

- **GREEN COAL**
- **ETHANOL**
- **BIODIESEL**
- **TIRES TO POWER**
- **MANURE TO BIOGAS**
- **SOLAR & FUEL CELL**



Wolfgang Gesen, Chairman of the Board

Dipl. Ing. Andre Linow Technical Director



Dr. Victor Klauser, Scientist Director



Ing. Mike McLaren, CEO W2e, Chief Scientist, Technology partner



Karl Georg Neubacher, Chairmen of the Board W2H, Technology partner, Marketing



Ing. Rudolf Edlinger, Managing Director Ovivo Austria, Engineering Partner



EGM CRUDE™

The Result of Two

1

EGM-Plasma Reactor

[Production of Hydrocarbon Gas]

The roots of gFuels' technology date back to the 1920's, when the conversion of carbon-based solids (such as coal or biomass) to liquid fuels was first accomplished in Germany by Franz Fischer and Hans Tropsch. While the "Fischer-Tropsch" (FT) process has been applied commercially in the industrial sector (South Africa gets the majority of its fuel from FT), its popularity to date has been challenged by high capital costs and extremely high operation and maintenance costs - due to the (inherently expensive) thermal nature of traditional technologies.

INDUSTRY CHALLENGE

ACCORDING TO THE U.S. DEPARTMENT OF ENERGY, 60-70% OF THE COST OF INDUSTRY-STANDARD FISCHER - TROPSCH TECHNOLOGY, LIES IN THERMOCHEMICAL "GASIFICATION" TO PRODUCE SYNGAS.²

XFUELS SOLUTION

gFuels has REVOLUTIONIZED SYNGAS (H₂/CO) GENERATION from biomass (and all carbon-bearing materials - like garbage), by replacing high-cost thermal gasification, with ultra low-cost COLD PLASMA ELECTROCHEMICAL MOLECULE DISSOCIATION.



TECHNOLOGY

Revolutionary Advance

[Conversion of Hydrocarbons to Chemicals]

2

EGM FT-Reactor



Fischer-Tropsch (FT) conversion of syngas from biomass requires the use of a “catalyst,” which converts the syngas into liquid hydrocarbons (gasoline, diesel, jet fuel, etc.). For the past 25+ years, the FT industry has chiefly concentrated on conversion of stranded natural gas (as a feedstock), to liquid fuels. The syngas in a natural gas plant consists of mostly methane (CH₄), which has a very high hydrogen-to-carbon ratio (H:C = 4:1). As the price of methane has grown, and supplies and sustainability of fossil fuels have come into question, new feedstocks with lower H:C ratios have been sought. Their introduction, however, has faced a market barrier to successful commercialization, as alternative feedstocks like biomass, coal, garbage, etc., have a very poor H:C ratio of only 1:2 (a serious hydrogen deficiency)- resulting in a significant drop in “pull-through” conversion to hydrocarbon fuels.

INDUSTRY CHALLENGE

ACCORDING TO THE U.S. DEPARTMENT OF ENERGY, CONVERTING BIOMASS-DERIVED HYDROCARBONS TO LIQUID PETROLEUM FUELS, IS PRIMARILY CHALLENGED BY INEFFICIENT REACTOR DESIGN, AND THE LACK OF VIABLE CATALYSTS FOR THE CORRESPONDING (HYDROGEN DEFICIENT) SYNGAS.³

gFuels has TRANSFORMED BIOMASS-SYNGAS CONVERSION TO LIQUID FUEL with ultra low cost ENHANCING CATALYSIS, which ADDS HYDROGEN ATOMS TO HYDROGEN DEFICIENT SYNGAS

(e.g., from biomass and garbage), enabling gFuels to produce 85 grams of C₅+ liquid hydrocarbons from 1 cubic meter of Syngas.

GREFINERY™



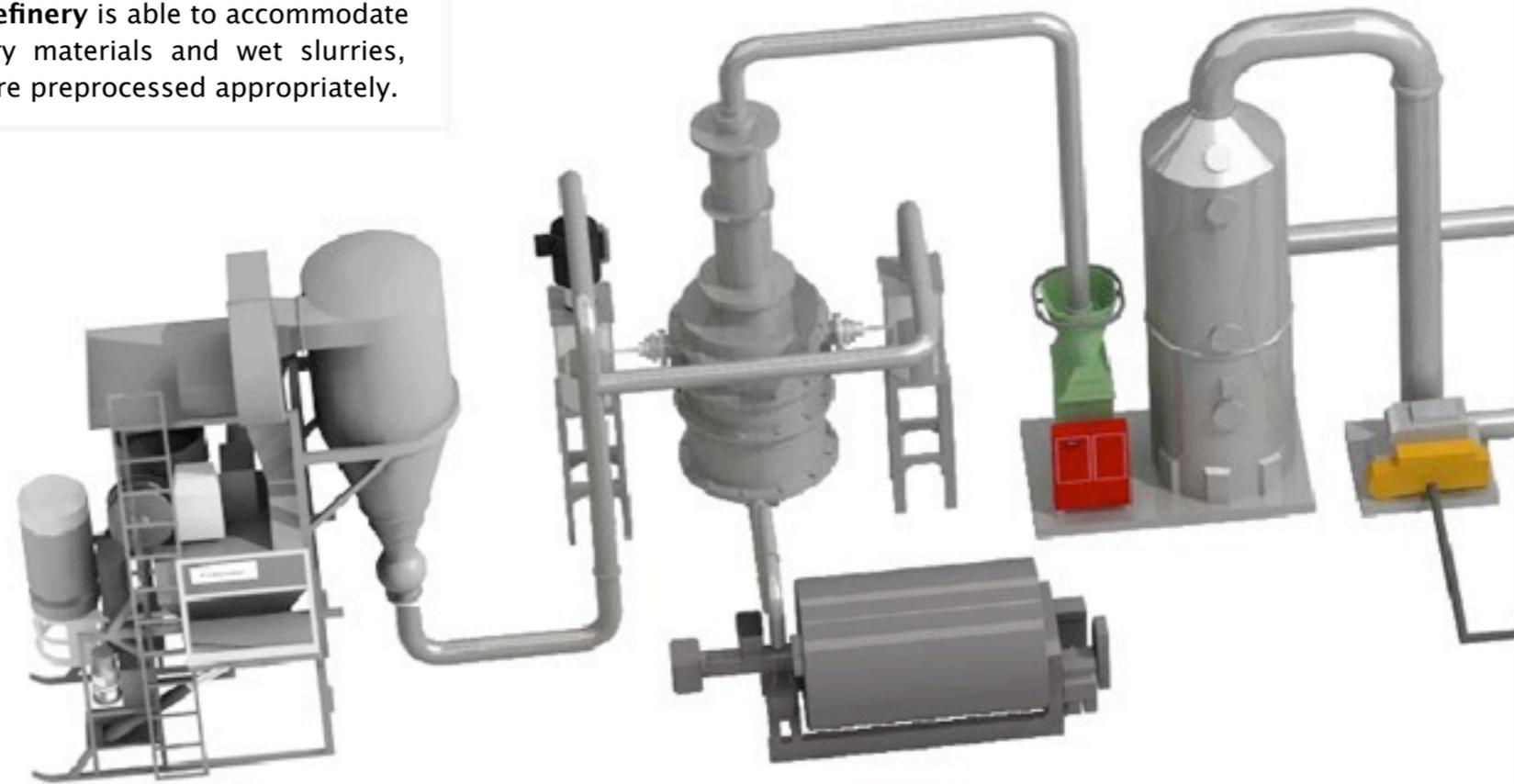
GGrinder 1

Feedstock is preprocessed, such as via the **GGrinder** (depicted), to ensure the material is reduced to a consistent particle size for processing. The **GRefinery** is able to accommodate both dry materials and wet slurries, which are preprocessed appropriately.



EGM-Plasma Reactor 2

The **EGM-Plasma Reactor** (see previous page description) uses a revolutionary patented process which converts the bulk of any carbonaceous material into a synthetic gas, using only a fraction of the energy requirements of competing methods.



EGM Blender 3

Remaining mineral byproducts are nutrient enriched inside the **EGM-Blender** and able to be deployed back into the soil to improve crop yields. **G Fertilizer™** is produced from the mineral byproducts of forestry and agricultural feedstock. When non-biogenic feedstock (such as plastics or tires) are processed, **gFuels** “bricks” the minerals into marketable **GBricks**.



G FERTILIZER™ IS COMPRISED OF READY-TO-USE MINERALS AND LIVE FORMULATES OF BENEFICIAL MICROORGANISMS WHICH, ON APPLICATION TO SEED, ROOT OR SOIL, MOBILIZE THE AVAILABILITY OF NUTRIENTS BY THEIR BIOLOGICAL ACTIVITY.



G BRICKS™ ENSURE POSSIBLE CONTAMINANTS (E.G., FROM MUNICIPAL SOLID WASTE) ARE IMMOBILIZED, AND THE RESIDUAL MINERAL BYPRODUCT IS RENDERED INERT AND NON-TOXIC.

SteamRay Engine 4

Our superior clean synthesis gas is passed through a proprietary filtration system and then cooled in a heat exchanger which generates steam. This steam is piped directly into our patented rotary-style **SteamRay Engine**, causing two inner rotors to spin in unison at 10,000+ RPM, efficiently generating electricity from the captured energy.

EGM FT- Reactor 5

The hydrocarbon-rich syngas is piped into our patented **EGM FT-Reactor** which accommodates an exceptional range of pressures and temperatures (irrespective of whether the products are gas, liquid, or both). Catalytic conversion produces liquid hydrocarbons such as gasoline, diesel, jet fuel, and other valuable chemicals.

GALGAE™ IS A VERY ATTRACTIVE FOOD SOURCE BECAUSE IT IS HIGH IN PROTEIN AND ESSENTIAL NUTRIENTS. MARKET PRICES FOR QUALITY FOOD-GRADE ALGAE AVERAGE 1,000 TIMES THE VALUE OF ALGAE PRODUCED AS A "FEEDSTOCK". **XALGAE™** PRODUCED IN A TYPICAL BIOMASS-FED **XREFINERY™** IS TAKEN TO MARKET AS A PREMIUM NUTRITION PRODUCT.



EGMSyn OS 6

The **EGMSyn OS** (Operating System) is the control station which drives all key processes in the **GRefinery**, providing: machine automation, mobile process control, tank gauging, conveyor control, motor control, data logging, real-time process data, and vendor integration.

EGM BioReactor 7

The patented **EGM BioReactor™** sequesters all potential greenhouse gas (GHG) emissions. Low power ultraviolet lights work in concert with the gases to feed algae which grow in tubes. The **GFuels** low energy system auto-harvests the algae (**GAlgae™**), which is offered as feedstock, or a premium food-grade crop.



TRASH To GOLD

EGMCrude technology accesses resident energy inside the input material, to dissociate (separate) molecules; “breaking” covalent bonds (which share electrons), and converting the complex molecular structures in the material into individual elements. Hydrogen (H) and Carbon (C) are then reassembled into long-hydrocarbons – all without drilling a drop of oil.



1 EGM-Plasma Reactor

ELECTROCHEMICAL MOLECULE DISSOCIATION

The EGM-Plasma Reactor produces an electrochemical cyclone vortex – shaped like a cyclone from Mother Nature, but consisting of **Cold Plasma** instead of air and water. As one of the four states of matter (solids, liquids, gases, and plasma), plasma (found in lightning, and stars – like our sun), operates in thermal equilibrium by raising the temperature of entire molecular structures (electrons and heavy particles). **gFuels’ revolutionary cold plasma maintains the ions and neutrals at room temperature and only excites the electrons**, making them “hotter” – 10,000 to 100,000 °K (Kelvin). This causes the molecules which share electrons to separate instantly; reducing complete molecular structures into a “synthesis gas” of atomic elements, as found on the Periodic Table.

Liquefied Petroleum Gas (Propane)



GASES

C1 to C4

Petrol for Vehicles



PETROL (GASOLINE)

C5 to C10

Diesel Fuels for Trucks, Trains, etc.



DIESEL OILS

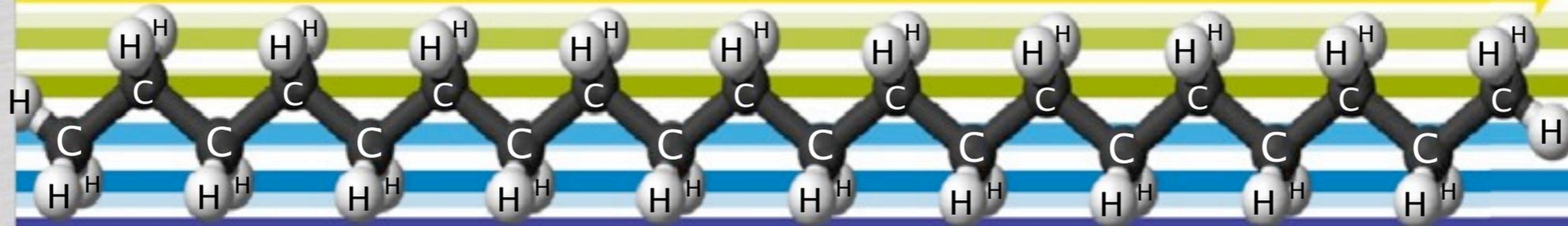
C14 to C20

Fuels for Ships, Factories, etc.



FUEL OIL

C20 to C70



2 EGM FT-Reactor

HYDROCARBON-ENHANCING CATALYSIS

Separated molecules are formed into high-value fuels and chemicals, and also used to produce electricity. For feedstock materials such as biomass, which are hydrogen deficient, gFuels' patented Injection Catalyst adds hydrogen atoms to the syngas for astonishing results.

C5 to C9
NAPHTHA



Chemicals for Bio-plastics, etc.

C10 to C16
KEROSENE



Jet Fuel, Paraffin for Light and Heat, etc.

C20 to C50
LUBRICATING OIL



Lubricating Oils, Waxes, Polishes, etc.

BOX SYSTEMS

GREFINERY™ BOX SYSTEM

EGM Crude “BOX” technology is a compact modular system using standard ISO containers, which enable low-cost manufacturing and highly efficient worldwide deployment via truck, rail, and cargo ship.

Each GFuelBox produces up to 1 MILLION Gallons per Year (GPY) of GPetroleum; or 35 MW power via the GPowerBox. The “open architecture” modules can be deployed in scalable custom configurations for global “plug-and-play” capability with minimal capital investment.

35 MW
GPOWERBOX™
TRANSPORTABLE

GFUELBOX™ 1 Million GPY

EGM

REFINERY

PLANT

ONE TECHNOLOGY... **TWO SYSTEMS.**

Available in modular **BOX** and **BUILT-IN** design platforms, the proprietary **gFuels** **GRefinery** delivers the highest energy yield, from the broadest range of inputs, with one of the lowest capital expenditures of any bio-refining method- and near-zero emissions.

G REFINERY™ **BUILT-IN** SYSTEM

EGMCrude technology is also available in **BUILT-IN** production line systems for onsite construction of permanent facilities. The design of these systems allows for flexible and efficient scale-up of facilities - offered in the following core unit configurations:

G PETROLEUM™

- 500 bbl/day, plus 10 MW
- 2,500 bbl/day, plus 50 MW

G ELECTRICITY™

- 25 MW Continuous Power
- 125 MW Continuous Power

Any of the above units can be configured together. Example: Ten (10) of the 2,500 bbl/day units = 25,000 bbl/day production facility.

BUILT-IN

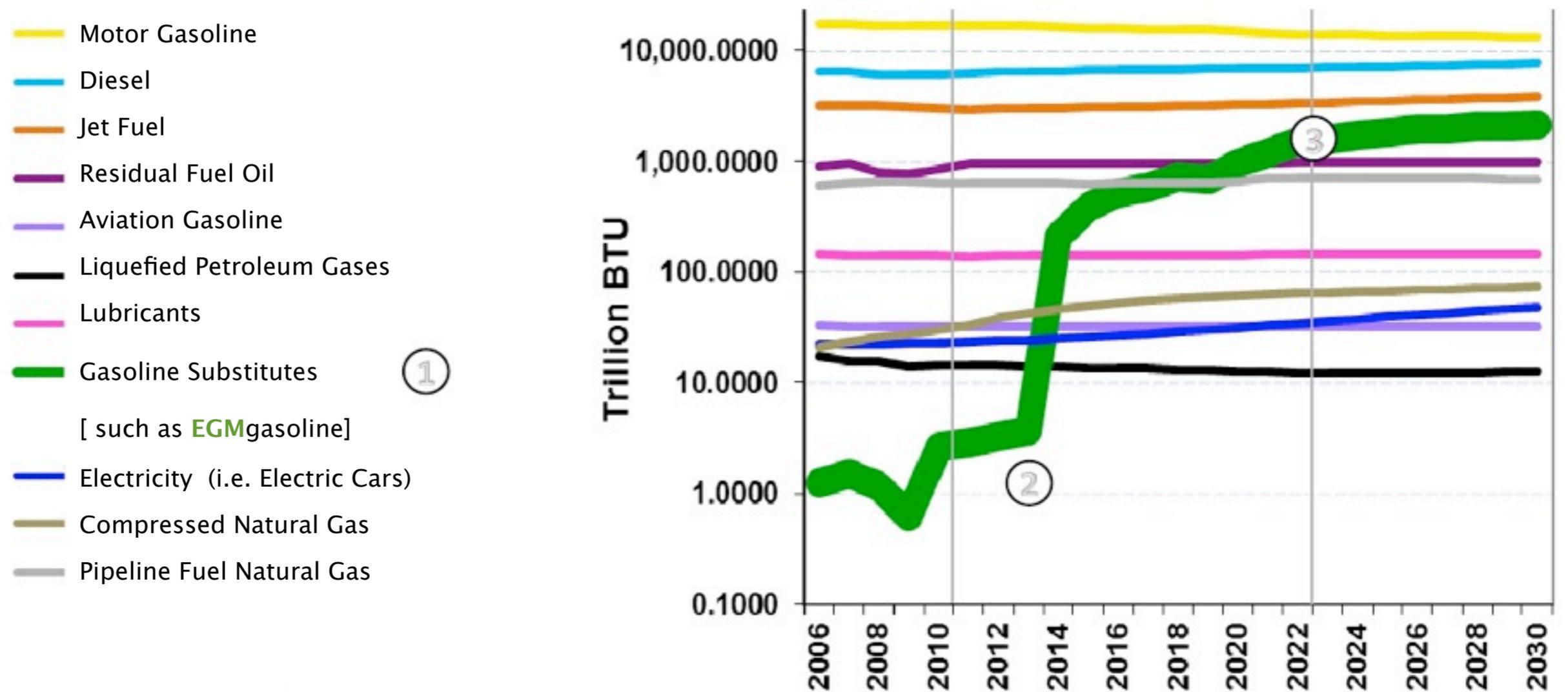
SYSTEMS

LEGISLATED GROWTH

Driven by energy security, environmental improvement, and economic development, the planet's leading economies have introduced and begun full-scale implementation of **GOVERNMENT MANDATES** for renewable fuels and energy – legislation that guarantees growth in the clean-tech sector.

U.S Renewable Fuel Mandate: **1,000 – Fold Growth in 10 Years**

U.S. TRANSPORTATION SECTOR ENERGY USE: 2006-2030



Driven by energy security

GOVERNMENTS have

MANDATED

renewable fuels...

U.S. MANDATES REQUIRE **30%** OF **ALL THE PETROLEUM** USED IN THE U.S. TO BE REPLACED WITH **GREEN GASOLINE SUBSTITUTES**, LIKE **EGMgasoline** BY THE YEAR 2022.⁴

- ① **Gasoline Substitutes** - like **EGMgasoline**-are expected to grow dramatically from now to 2030.
- ② **gFuels' TIMING** could not be better. The biggest year-over-year growth spurt in percentage terms for **Gasoline Substitutes** is projected to begin around 2013.
- ③ The energy use growth path for **Gasoline Substitutes** over the next 10 years equals **1,000-Fold GROWTH**.



ONE MILLION WORLD WIDE

AVAILABLE **GLOBAL** BIOMASS REPRESENTS ENOUGH ANUAL "CRUDE" MATERIAL TO RESPONSIBLY SUSTAIN 1MILLION **GRefinery BOX** Systems WITH A PRODUCTION OF **3.8 TRILLION LT FUEL EACH/YEAR**



THE U.S. ALONE HAS ENOUGH SUSTAINABLE ANNUAL BIOMASS TO SUPPORT **140,000** gFUEL BOX SYSTEMS.

According to the **National Renewable Energy** Laboratory (NREL), in a report produced for the U.S. Department of Energy (DOE), there is roughly **1.4 BILLION ANNUAL TONS OF SUSTAINABLE BIOMASS** available in the U.S.

BLACK GOLD



PETROLEUM - referred to as "BLACK GOLD" - is one of Earth's most precious and in-demand natural energy resources. Liquid transportation fuels, principally derived from fossil fuel petroleum, drive the world economy, powering cars, buses, trucks, locomotives, barges, and airplanes.

While demand from the industrialized OECD (Organization for Economic Cooperation and Development) nations of America, Europe, and Japan is projected to slow by 2030, **thirst for oil in the Non-OECD nations is skyrocketing**. India and China are on pace to account for roughly 50% of the increase in global primary energy demand by 2030, with both countries expected to double their energy use in the next 20 years.

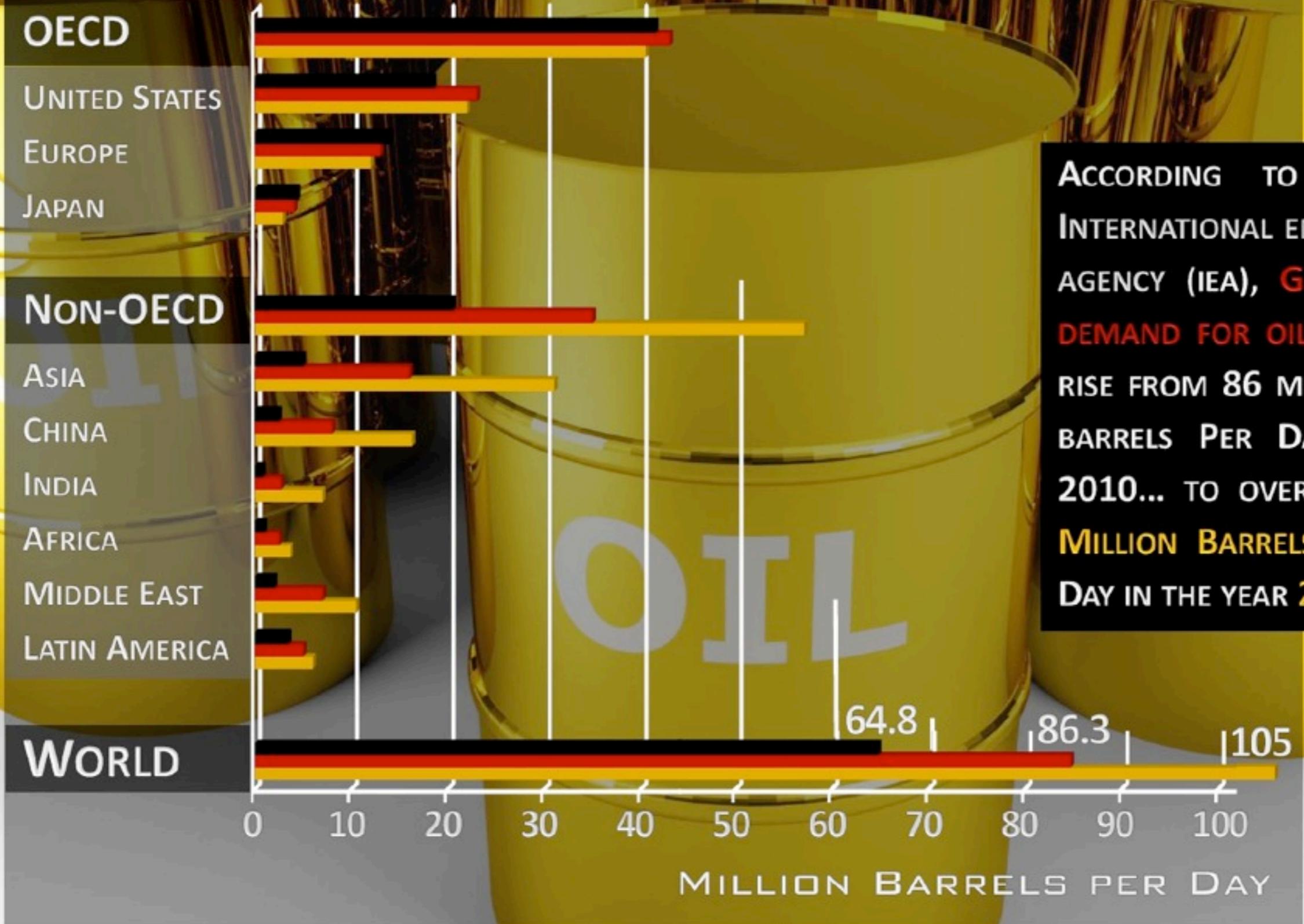
OIL BREAK-EVEN PRICE

NATION/GROUP	Bahrain	Oman	SaudiArabia	Kuwait	Canada OilSand	Qatar	U.A.E.	
COST PER BARREL:	\$74	\$73	\$51	\$48	\$40	\$38	\$36	\$30
COST PER GALLON:	\$1.76	\$1.74	\$1.21	\$1.14	\$0.95	\$0.90	\$0.86	\$0.71

Data Source (not including gFuels): Institute of International Finance, 2009 estimates.

WORLD GROWTH IN OIL DEMAND

■ 1980 ■ 2010 ■ 2030 FORECAST

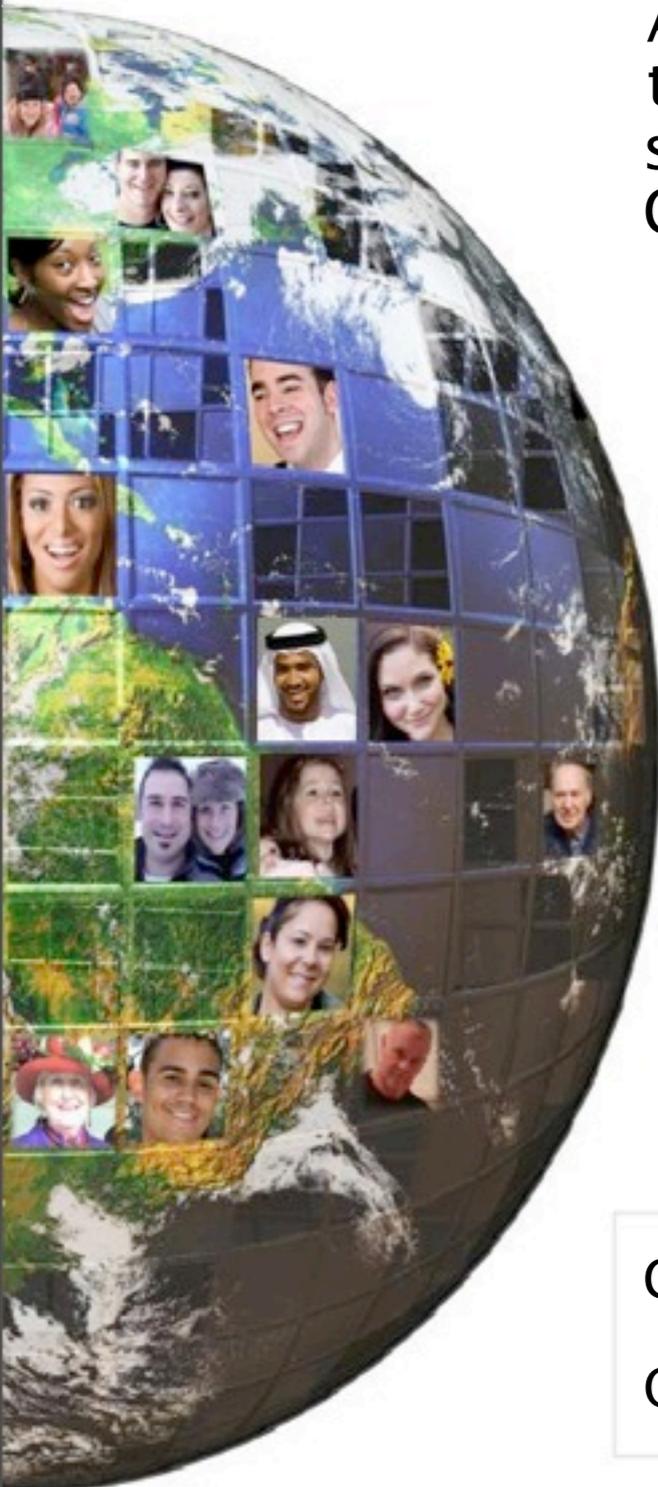


ACCORDING TO THE INTERNATIONAL ENERGY AGENCY (IEA), **GLOBAL DEMAND FOR OIL** WILL RISE FROM 86 MILLION BARRELS PER DAY IN 2010... TO OVER **105 MILLION BARRELS PER DAY** IN THE YEAR **2030**.

DataSource:InternationalEnergyAgency(IEA)OilMarketReport,January2010.

\$45 TRILLION AGENDA

A \$45 TRILLION GREEN ECONOMY AGENDA has been outlined by the UN COP15, (15TH Conference of the Parties) – 192 nations in support of the United Nations Framework Convention on Climate Change.



GREEN ECONOMY GROWTH

1 “The year 2008 marked the first time when investments in renewable energy power generation (\$140 billion) surpassed investments in fossil fuel power generation (\$110 billion).” 8

2 The International Energy Agency estimates that, “to achieve a 50 percent reduction in carbon dioxide emissions by 2050, cumulative investment to 2050 of \$45 TRILLION is required.” 9

3 “Projected investments in renewable energy will translate into 20 million additional jobs in the sector, making it a much larger source of employment than today’s fossil energy industry.”10

GREEN ECONOMY GLOBAL 2050 OBJECTIVES REQUIRE AN AVERAGE OF **\$1 TRILLION ANNUAL INVESTMENT** IN CLEAN TECHNOLOGY.

THE TRILLION DOLLAR-A-YEAR GREEN ECONOMY AGENDA IS BEST SUMMED UP AS A GLOBAL COMMITMENT TO A FUTURE CARBON-NEUTRAL PLANET™ AND NO ONE EXEMPLIFIES A CARBON-NEUTRAL FUTURE BETTER THAN gFuels.

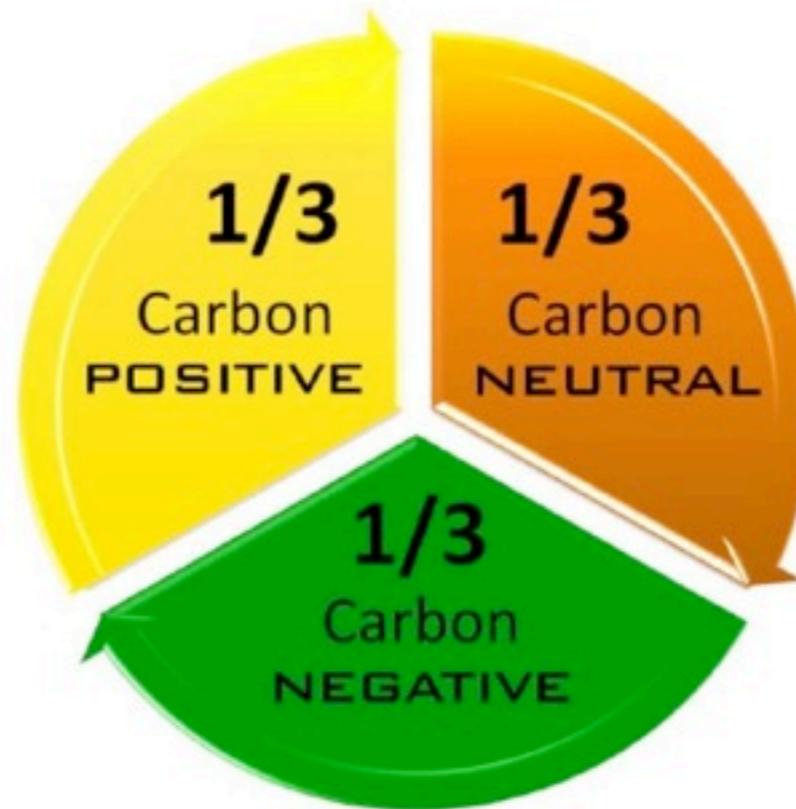
EGM

2035

VISION

825 Quads/Year World Energy Usage – with ZERO Net Carbon Emission

<p>Carbon POSITIVE Fossil Fuel</p>	<p>Fossil Fuels emit excess carbon into Earth's atmosphere and are considered by many to be the root cause of climate change. Current use = 475 Quads/yr. <i>2035 Target: 275 Quads</i></p>
<p>Carbon NEUTRAL Bio Fuels</p>	<p>Wind, Solar, Hydro, Geothermal, 1st Gen Biofuels, etc. All produce energy with a near-neutral impact on Earth's atmosphere – but, they do not remove fossil fuel emissions. <i>2035 Target: 275 Quads</i></p>
<p>Carbon NEGATIVE G Fuels</p>	<p>gFuels produces energy from neutral carbon sources, combined with significant carbon capture and sequestration – removing carbon from Earth's atmosphere. <i>2035 Target: 275 Quads</i></p>



EGM BUSINESS MODEL

FEEDSTOCK

Power the Future

EGM CRUDE TURNS TRASH, BIOMASS, ETC., INTO AN INCOME OPPORTUNITY.

GRefinery is capitalized 100% by gFuels; or built as a joint venture.

GRefinery is operated by gFuels for a direct return.

Feedstock generates a profit for the GFeedstock partner via long-term purchase agreement.

OWNERSHIP

Co-Own a Facility

GFUELS IS COMMITTED TO STRONG JOINT VENTURE (JV) RELATIONSHIPS.

GRefinery is capitalized, up to 51% by Fuels, with the balance provided by the GOwnership partner.

GRefinery is operated by gFuels for a shared return.

Electricity/fuel produced may be used directly by JV partners, or sold for profit.

LICENSING

License Our Platform

EGMCRUDE TECHNOLOGY MAYBE DEPLOYED VIA LICENSING WORLDWIDE IN THE FUTURE.

GRefinery is capitalized 100%, via debt/equity, without gFuels capital.

GRefinery™ is operated by the Licensing partner for maximum profit, with a royalty paid to gFuels.

gFuels provides optional feedstock sourcing.





for more information please visit our Website
www.egm-world.com