

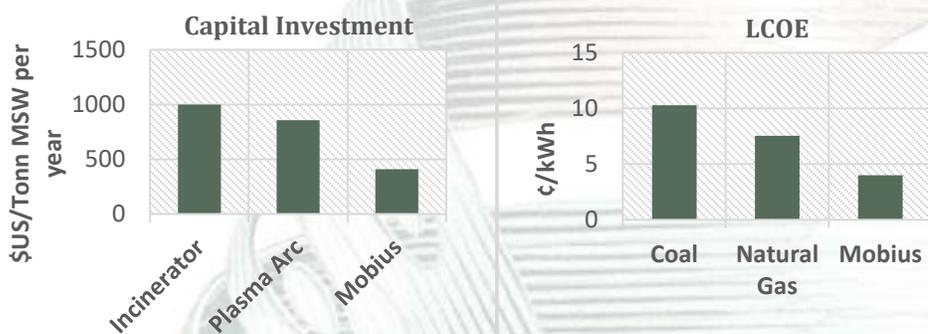
Unsorted Waste to Energy Conversion Emissions 90% Below EPA Regulations LCOE 47% Lower than Natural Gas



MOBIUS
Thermo-Chemical

43% of municipal solid waste (MSW) is discarded into landfills globally, which means 1.5 million tons of waste is discarded into landfills per day!

Yearly the US discards 136M tons of trash into landfills. Incinerator or Plasma Arc technologies are either not economically viable or environmentally challenged while the cost of electricity is going up. Mobius Thermo-Chemical solves both problems disrupting the utility and landfill sectors by accepting unsorted waste and producing clean low-cost energy and useful byproducts.



The Mobius TCM plant is a self-sustaining loop, requiring only waste to operate to produce syngas and electricity. Outside sources of energy are required only during plant start-up. The Mobius TCM is a unique disruptive technology developed by Dr. Anatoly Rokhvargher and Mr. Vladimir Boyko, who had first-hand exposure to the technology during the conception of the pyrolysis process development in the Soviet Union during the 1980s. Dr. Rokhvargher and Mr. Boyko have collected a massive amount of empirical data, documented process development and consequently reinvented and modified the technology - receiving a US patent # 8,197,565 "System of the chemical engineering processes generating energy and utilizing municipal solid waste or a carbon content mixture" – receiving numerous international awards and making Mobius TCM a unique and internationally recognized waste to energy process.

Why Mobius TCM?

- **Disrupting Technology:** Mobius TCM technology accepts unsorted waste and is lower cost when compared to both Waste to Energy and Utility Power Plants
- **Perfect Time to Invest:** A mature technology ready to be deployed in a favorable market with \$84B through 312 deals in M&A activity in 2015.
- **Proven Engineering Team:** Mobius TCM founding and leadership team has deep engineering/contract negotiation skills in the energy sector and has previously completed successful large scale power plant projects.

Mobius Thermo-Chemical

Revolutionary Low-Cost Unsorted Waste to Energy Technology
San Diego, CA

BACKGROUND:

Sector: Waste to Energy
Tech Stage: Ready (Mature)
Current Round: Seed \$2.5M
Use of Proceeds: (Site Specific)
Feasibility Study
Engineering
Permitting
Legal/Environmental
Marketing

MARKET OPPORTUNITY:

Target Markets: Landfill Operators
Concrete Batch Plants
Utility Sector
Market Size: 1200+ Possible Plants
First Site: Available (Bristol, CT)

TEAM:

Mark G Anderson, PE
CEO
35 years of power industry exp.
29 MW Chevron Solar Plant Project Dir.
Over \$100M in contract negotiations

Anatoly Rokhvargher, PhD, ScD
President
3 industrial plants designed
7 US & 4 International patents awarded
8 books/186 articles published in the field

Shoshanna Gungur, JD, MBA
Contracts and Risk Management Specialist
8 years of risk management

Vladimir Boyko, MSME
Principal Engineer
25 years of waste processing tech

Arthur Goldberg, JD, MBA
CFO