



VANTAGE POINT

VENTURE PARTNERS

AIRFORCE ENHANCED USE LEASE ENERGY INDUSTRY FORUM

SEPTEMBER 2007



About VantagePoint



- Founded 1996
- \$4 billion under management
- Sector focus: CleanTech, technology, healthcare
- 36 investment professionals
- Presence in Silicon Valley, Hanover, New York, Montreal, London
- Corporate Strategic Partners and Advisory Council

About CleanTech Practice



- Established CleanTech practice in 2001; made first investment in 2003
- \$350M dedicated to sector
- Substantial portfolio
 - \$138M deployed in 12 CleanTech companies
 - \$46M in equity deployed in 8 New Energy Capital renewable energy projects
- Highly respected 13 investment professional team
 - Supported by Advisory Council and Corporate Strategic Partners
- Considerable synergy with other VantagePoint practice areas
 - Biosciences
 - Semiconductors and advanced materials

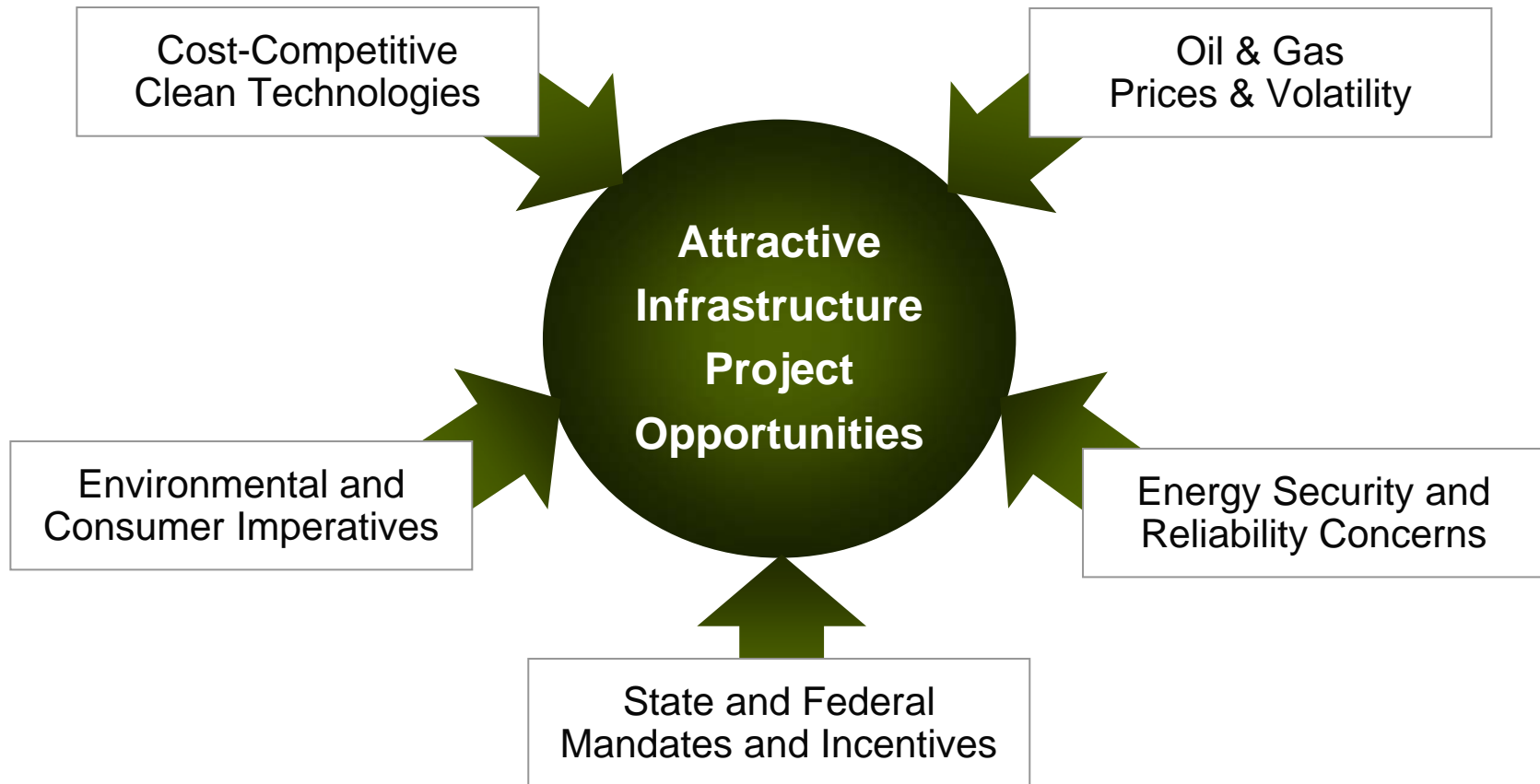
About CleanTech Infrastructure Fund



- \$300 million fund
- Focuses on renewable power, bio-fuels and related sectors
- Draws on CleanTech Practice integrated platform for unique deal flow and support
- Employs compelling strategy of diversification, mid-market focus, sector depth
- Leverages strong historical reputation and experience

Fund dedicated to building clean infrastructure projects

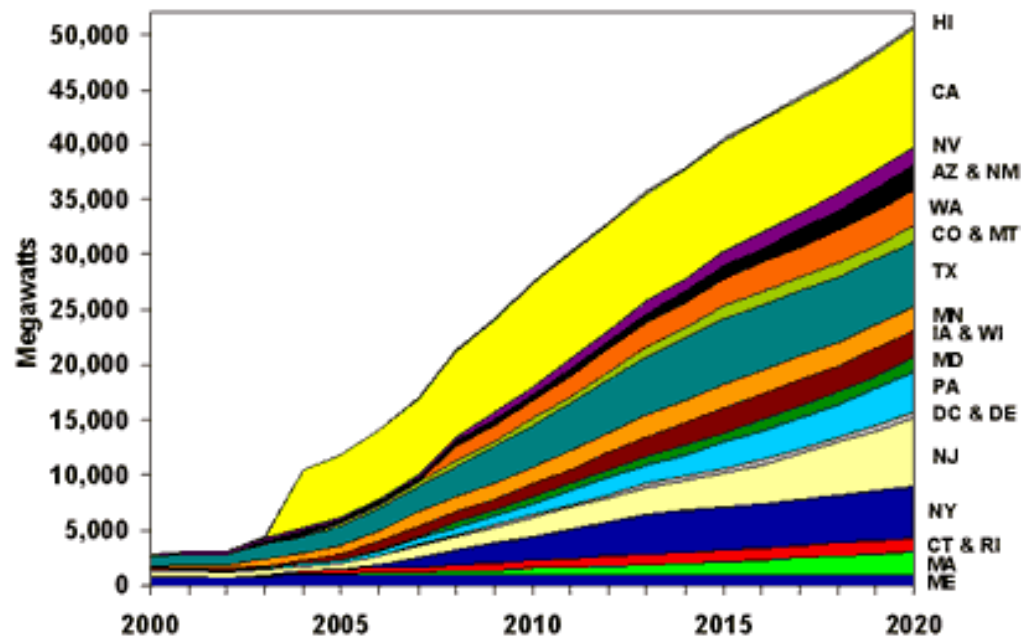
Multiple Forces Creating Attractive Opportunities



Driver – State and Federal Mandates and Incentives



Renewable Electricity Capacity Driven by Current State Mandates Will Grow 5x (in 22 states alone)

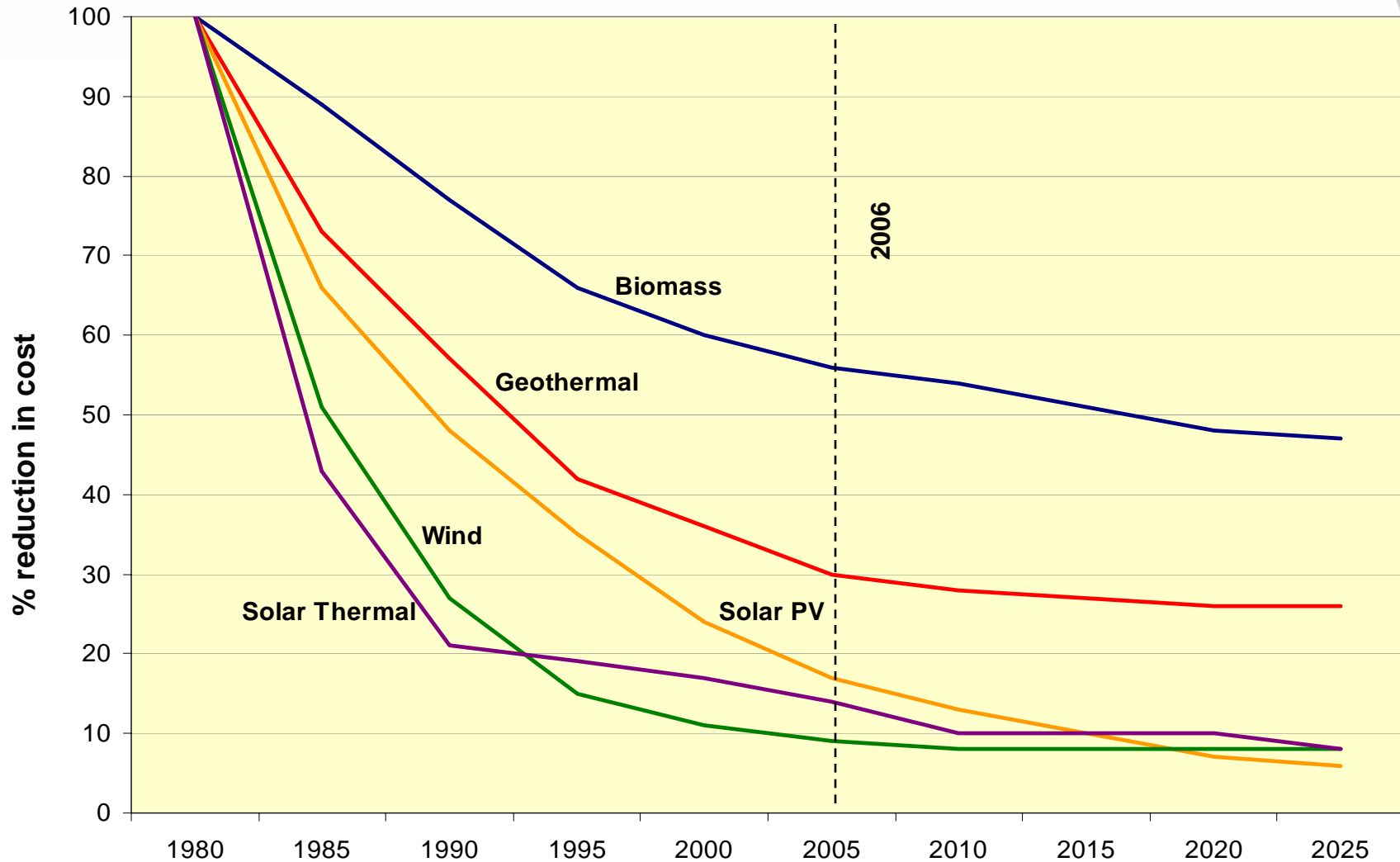


State mandates alone require the installation of 30,000 MW by 2015, requiring more than \$60 billion of project capital investment

*Minnesota has also enacted a new Minnesota Renewable Portfolio Standard (RPS), which requires that 25% of the State's electricity comes from renewable power sources by 2025.

Source: UCS

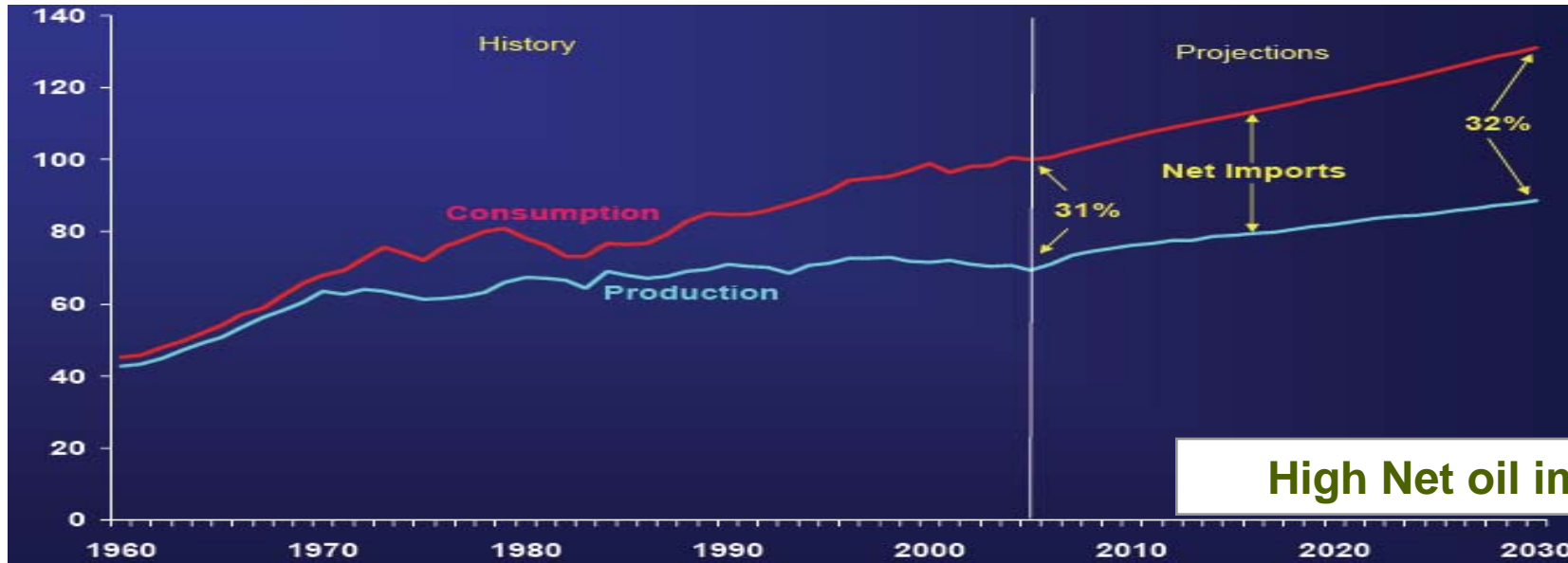
Driver – Cost Competitive Clean Technologies



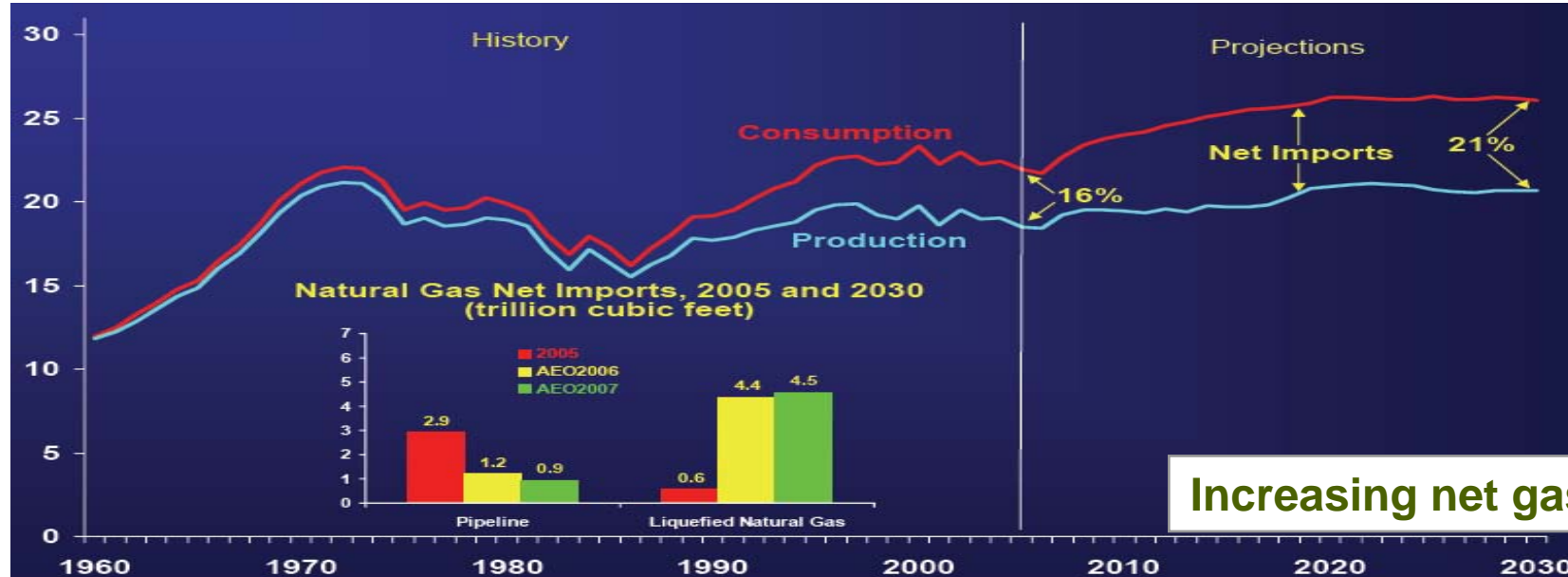
Clean energy technologies have demonstrated consistent cost reductions

Source: NREL

Driver- Energy Security-Oil & Gas



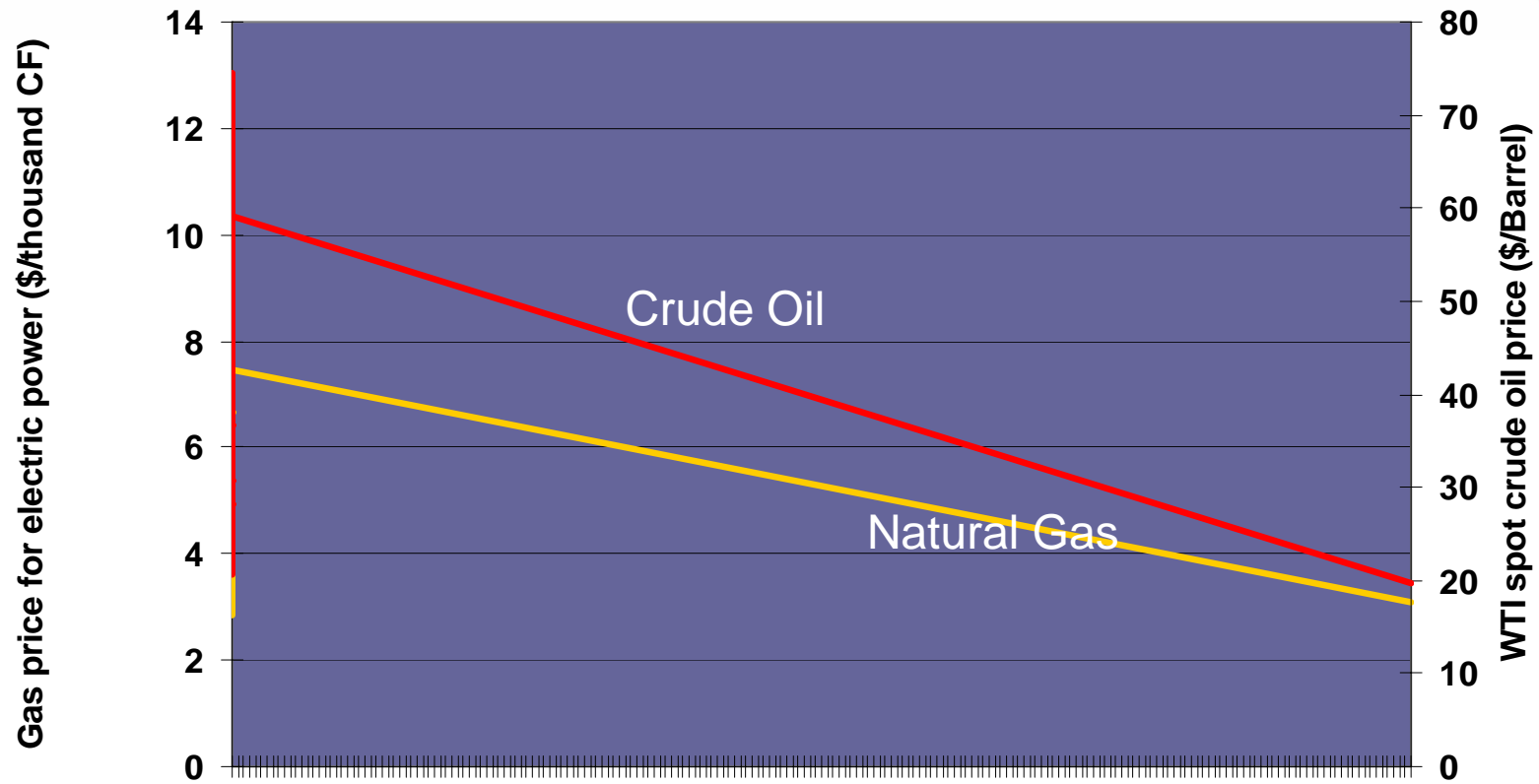
High Net oil imports



Increasing net gas imports

Source: EIA

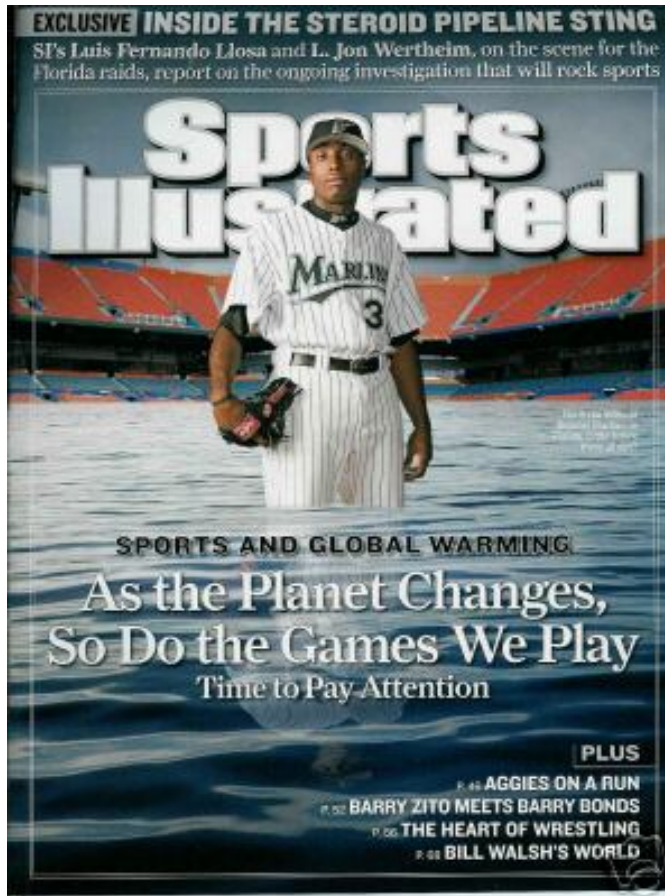
Driver – Oil and Gas Prices & Volatility



Oil and gas prices have more than doubled in the last 5-years and remain highly volatile

Source: EIA

Driver – Consumer Imperatives



Rapidly growing public awareness

VantagePoint CleanTech Team



WAL*MART

P&G



Marubeni

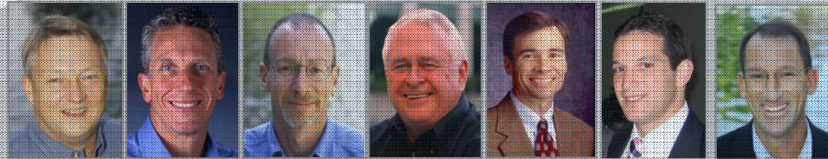


Agilent Technologies

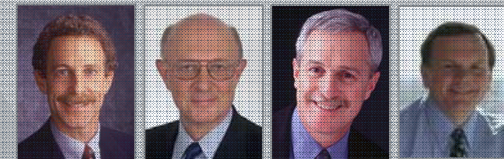


AIR PRODUCTS

Scottish and Southern Energy



VP CleanTech Team



Strategic Advisors



COBALT



CHEMREC



BrightSourceEnergy™



ANGSTROM.



Active CleanTech Portfolio Companies



Company	Company Description	Total Ownership
Miasolé	Thin film CIGS productions of solar cells	26.5%
NEC	Project finance firm making investments in a portfolio of renewable energy and distributed generation facilities	42.4%
Tesla	High performance electric automobile with vastly extended range and performance characteristics	18.0%
solarcentury	Design and installation business for larger residential and commercial projects in Europe	23.5%
BrightSource Energy	Utility-scale solar power plants using solar thermal technology that concentrates sunlight and converts the resulting high-temperature heat into electricity	23.1%
iWatt	Fabless semiconductor company	35.2%
Mascoma	Production of ethanol fuel from inexpensive fibrous plant material, such as agricultural wastes or wood chips, rather than from the more expensive sugars in corn kernels	8.6%
Angstrom	Angstrom has demonstrated the world's highest energy density micro fuel cell for cell phones and portable electronic devices	14.0%
Chemrec	Gasification-based technology to convert "black liquor"	30.5%
Blue Egg	The first comprehensive online marketplace for CleanTech consumer products and services, with an initial focus on the home	44.2%
Cobalt	Advanced methods of producing bio-butanol, which can be used both as an industrial solvent and as a motor fuel that can substitute for gasoline.	24.0%

What We Look For In Investments?



- Experienced Development Team
- Potential for multiple projects
- Creditworthy offtake and feedstock arrangements
- Limited technology risk
- PPA/Transmission/Interconnection arrangements
- Potential environmental issues
- Landowner and local interest
- Political support
- REC/Carbon Offset potential

Biomass Specific Issues



- Practical Fuel Studies
- Potential for waste resources
- Fuel pile/handling issues
- Emissions limits/technology mandates
- Water Availability



Solar Specific Investments



- Solar intensity data/studies
- Protection from cataclysmic weather conditions
- Supplemental fuel supply
- Water availability



Wind Specific Investments



- Quality and Quantity of wind data
- Potential for wind turbine procurement



Retail Businesses



- Conservation: shared savings arrangement
- Cogeneration: fully integrated electric and thermal operations
- Supplemental fuel supply
- Water availability



SECTION 45 PRODUCTION TAX CREDIT

- **PRIORITY FOR WIND, BIOMASS**

- **INVESTMENT TAX CREDIT**

- **PRIORITY FOR SOLAR INSTALLATIONS**

Question & Answer
