



MONTAGUE
Capital Partners

Innovation & Investment Opportunities in Biomass Renewable Energy

Presented at ClimBiz Conference

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November 2012



Montague Capital Investments

Renewable

- Integro Earth Fuels, Inc (biomass)
- Lanabregasi (hydro)

Biotech

- Organovo (ONVO)
- GlucoWay

E-commerce

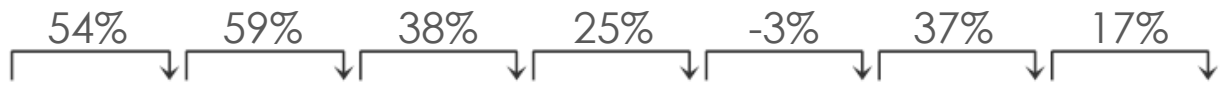
- AdChina

Mobile Healthcare Software

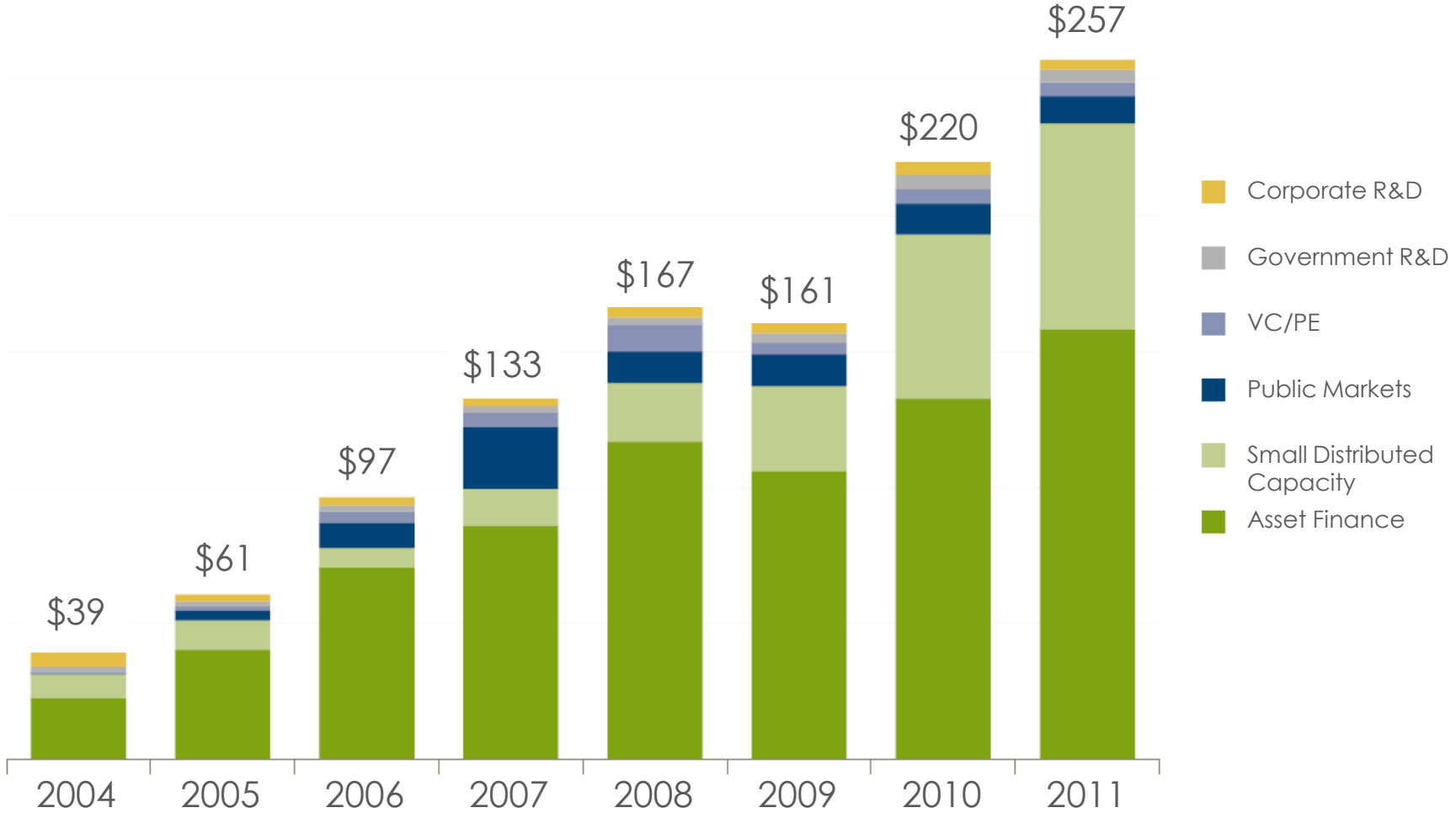
- IQ Max

Global Investment in Renewable Energy

Growth



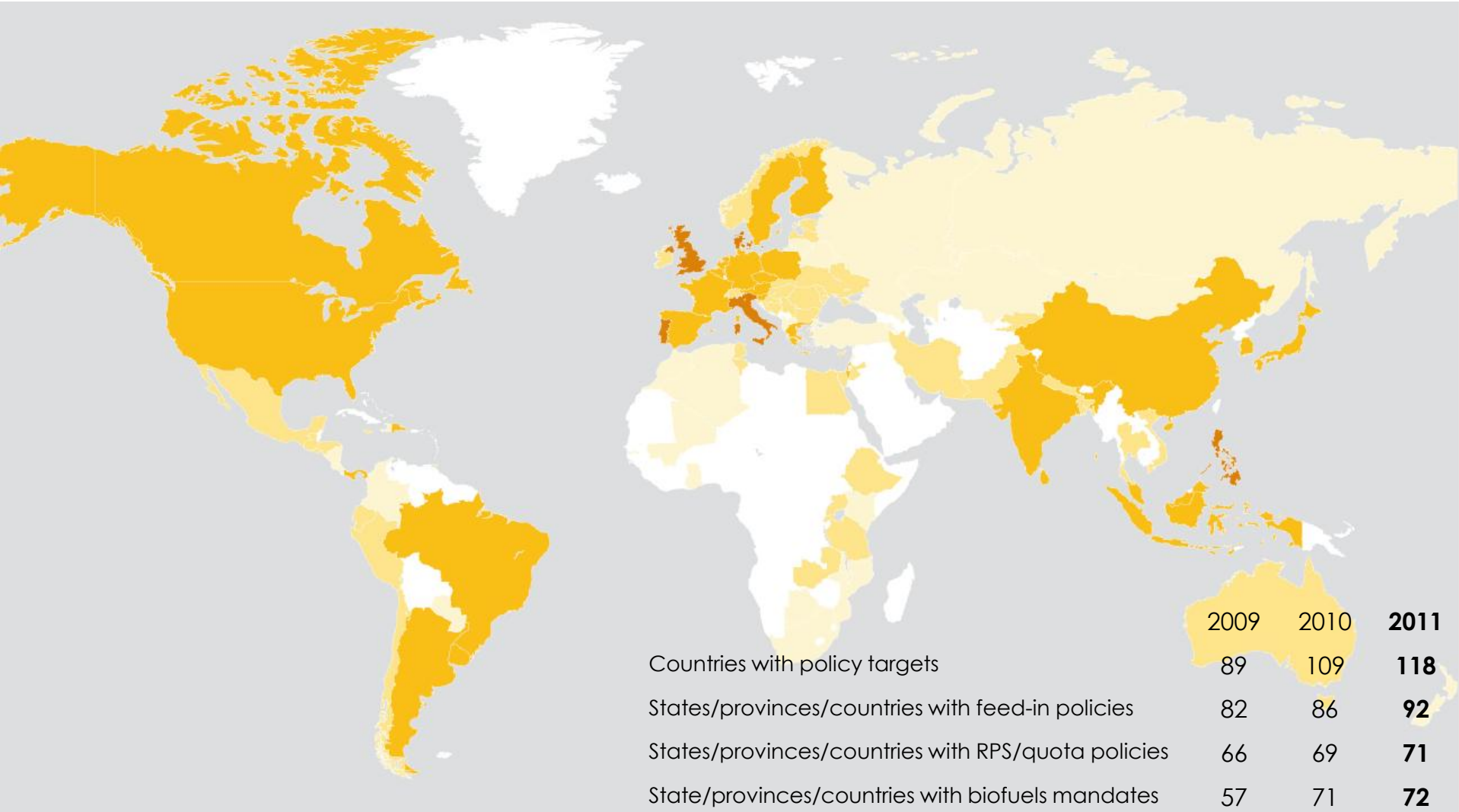
\$BN



Source: Bloomberg New Energy Finance



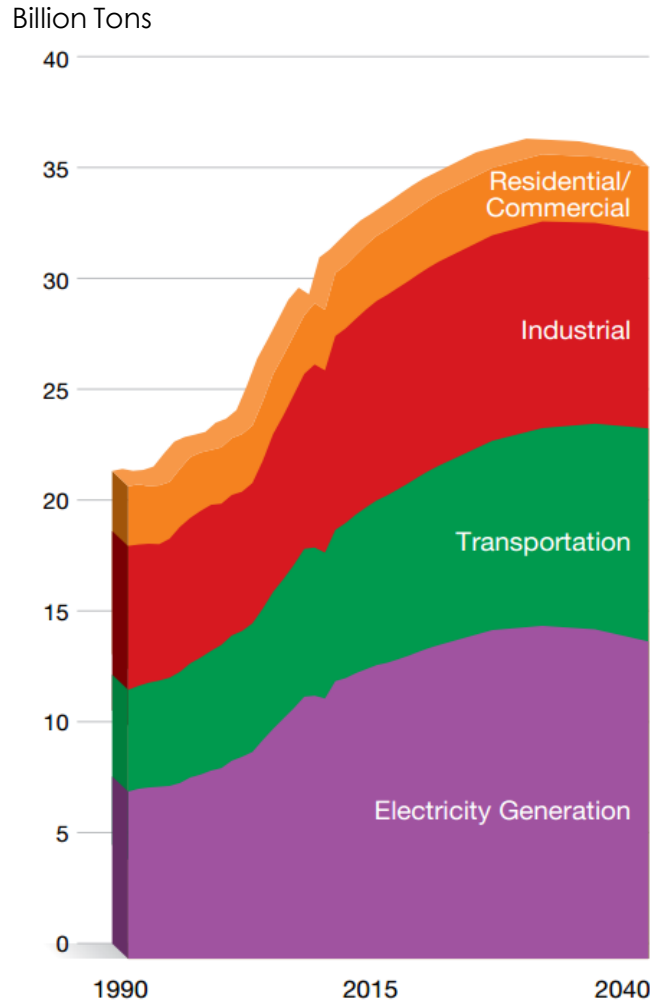
Countries with Renewable Policies



Necessary Targets for Emissions Reduction

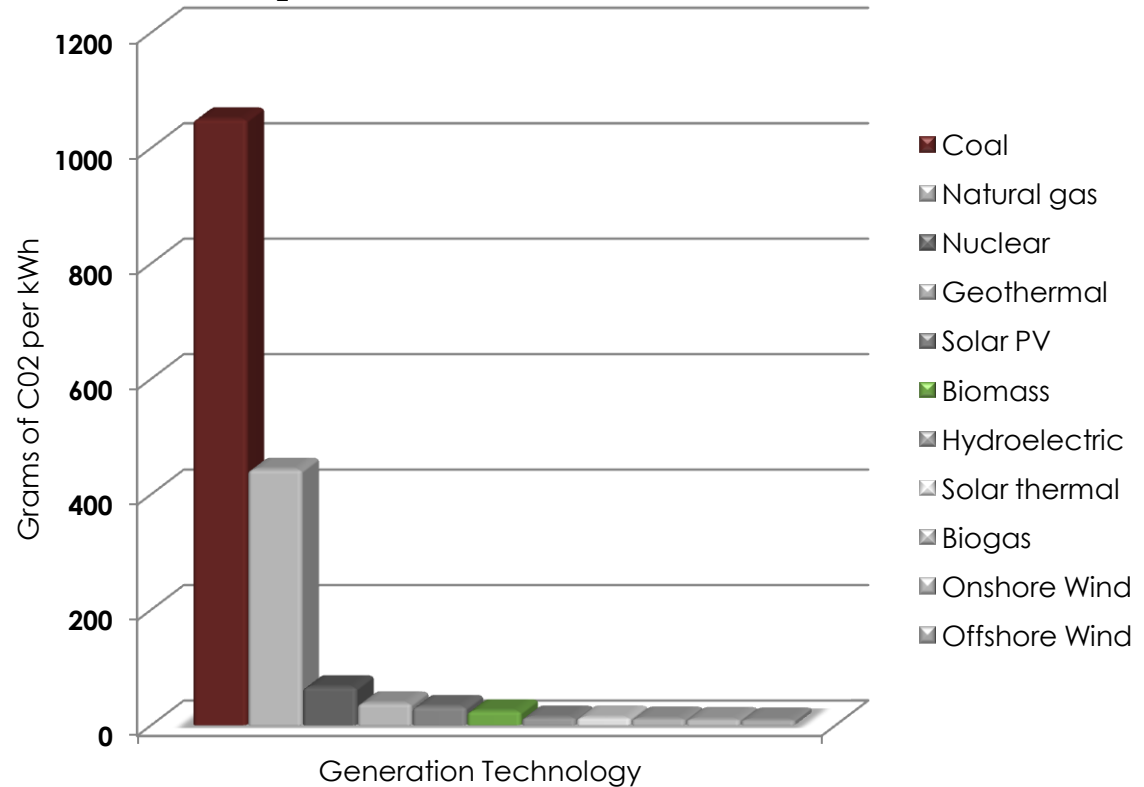
1. Public Utilities

Energy-related CO₂ emissions by sector ¹



2. Industrial Users of Coal

CO₂ emissions by power generation technology ²



Sources: ¹ U.S. Energy Information Administration, International Energy Outlook 2011 ² Benjamin K. Sovacool. Valuing the greenhouse gas emissions from nuclear power: A critical survey. Energy Policy, Vol. 36, 2008, p. 2950.

A New Approach to Renewable Energy

NUCOAL™



A carbon-neutral, renewable fuel

- NuCoal can be produced from a broad mix of sustainable biomass resources, including forest residues, grasses, and non-food energy crops.

High Energy Value

- In nearly 150 tests, Integro produced NuCoal with an energy value between 9,500 and 11,000 BTU per metric ton

Durable for transport

- NuCoal created 4% fines in simulated transport

Hydrophobic for easy transport and storage

- NuCoal was submerged in water in a 72-hour moisture test that resulted in a less than of 5% uptake of moisture (by weight), similar to coal.

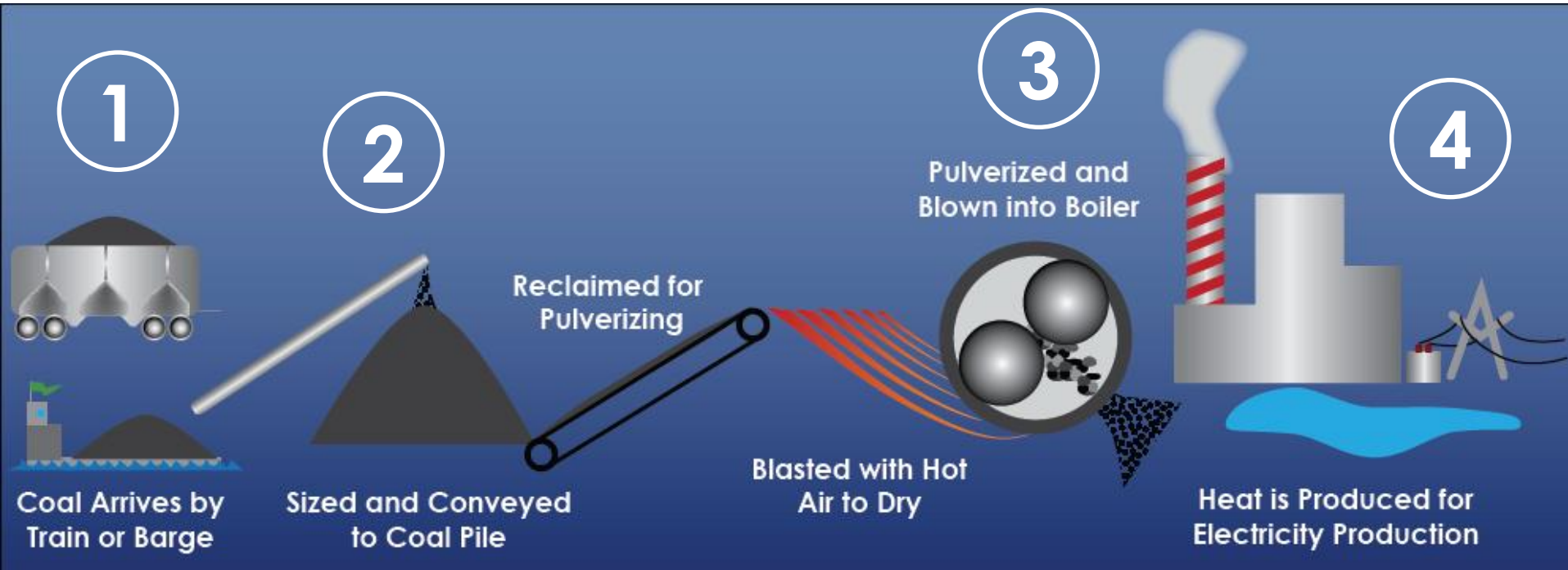
Grindable

- NuCoal measured 50+ on Hardgrove Index, very similar to coal, allowing for easy pulverization and combustion

No or Minimal CapEx

- Most coal-fired utilities will be able to process NuCoal within the framework of their existing infrastructure.

NuCoal is an Ideal Coal Substitute



1. NuCoal integrates seamlessly with coal's logistical infrastructure
2. NuCoal can be handled and stored just like coal at the utility
3. Coal-like grindability permits unlimited use without boiler modifications
4. Fuel parity with coal ensures coal-fired boilers remain efficient and reliable

Global Biomass Power Market Opportunity

Market	Electricity Generation ¹ (Billion Btu)	% Coal Powered ¹	2020 Renewable Portfolio Standard	NuCoal Demand (Metric Tons)	NuCoal Market Size
United States	14,290,779	45.2%	11.0%*	84,795,973	\$ 21,198,993,284
European Union	10,952,517	26.5%	33.0%	114,155,957	\$ 28,538,989,341
China	12,611,030	78.8%	15.0%	177,975,263	\$ 44,493,815,642
Asia, Excluding China	6,580,851	47.3%	10.0%*	37,142,262,572	\$ 9,285,565,643

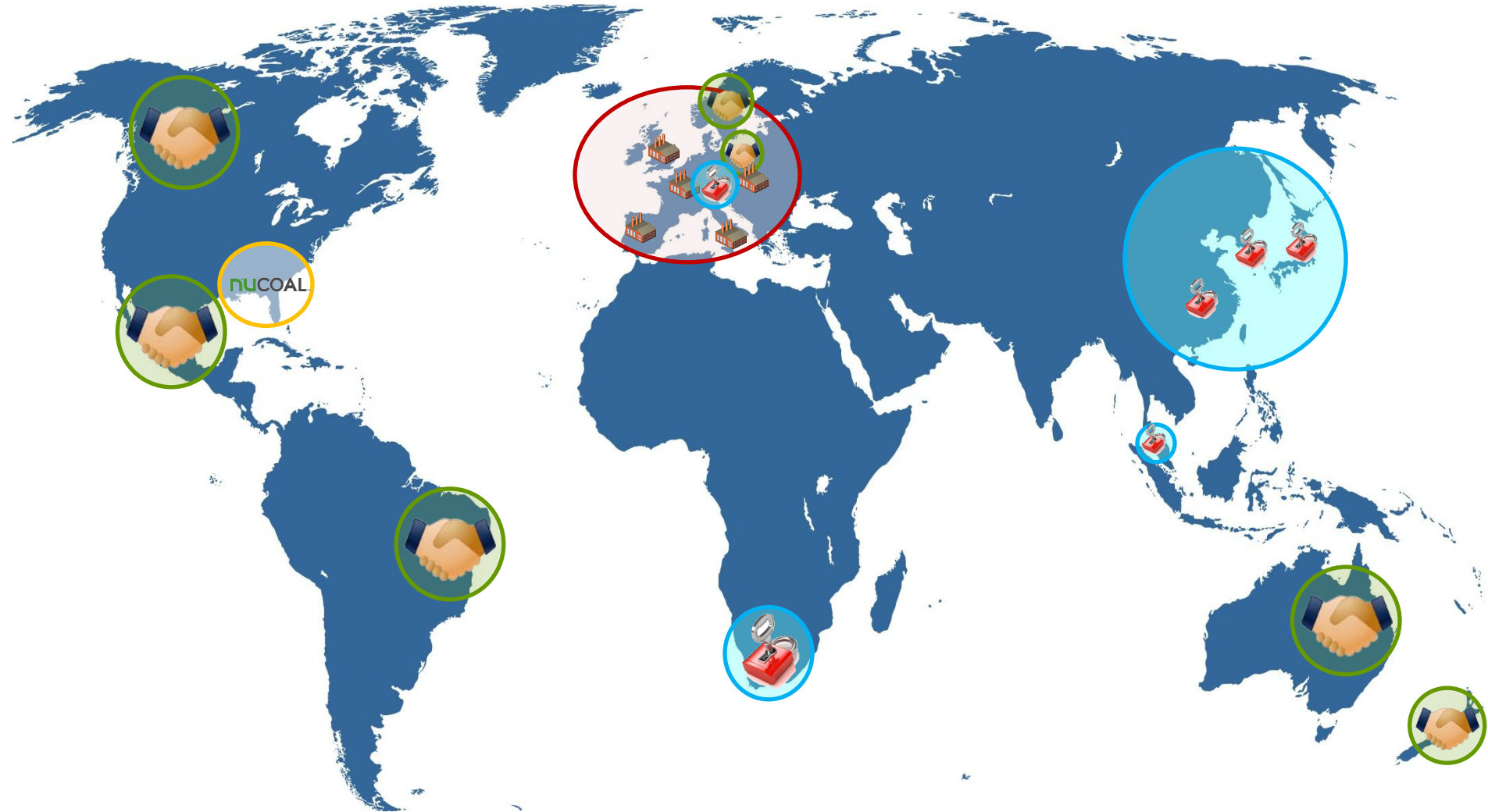
Integro’s addressable market is even larger when thermal applications are taken into account.

Sources: ¹ International Energy Agency. Statistics & Balances: Electricity/Heat Data Statistics. 2009. ² Renewable Energy Policy Network for the 21st Century. Renewables Interactive Map Country Profiles.

*Assumption based on mix of federal and state regulations and incentives




A Global Renewable Energy Company



 Wholly Owned
NuCoal Facilities

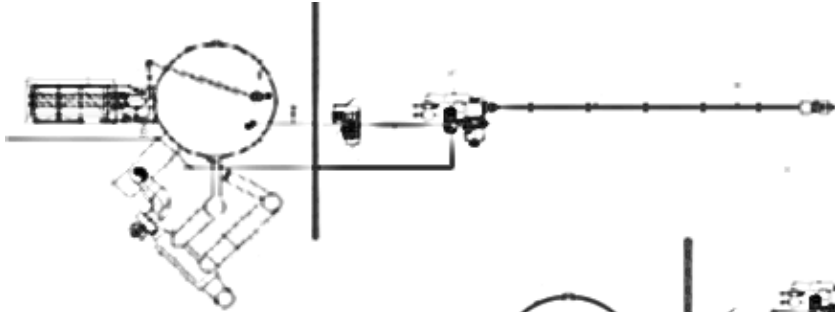
 Fuel Customers

 Joint Ventures

 Licenses

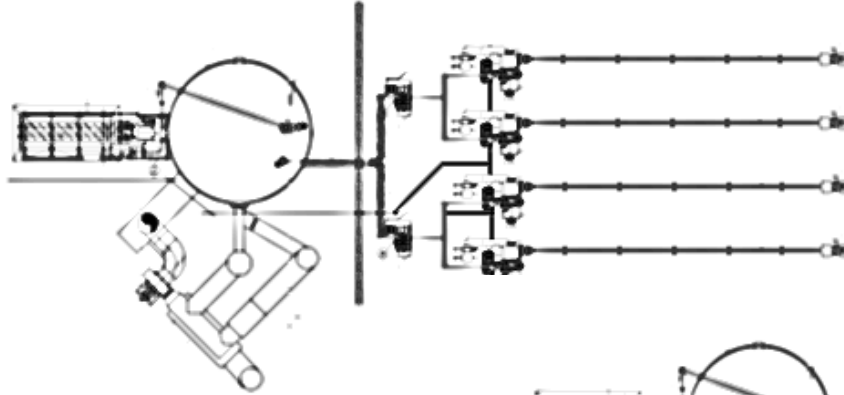


Systems Development



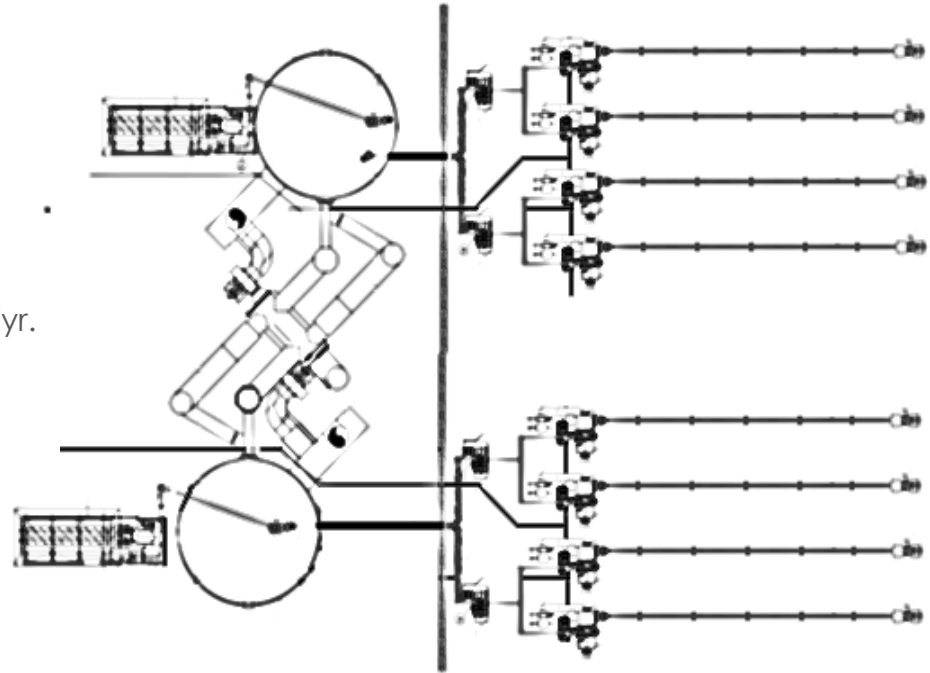
1

Mid-Scale: 1.2 mte/hr; 10,500 mte/yr.
26ft. wide x 22.5 ft. tall Reactor
1 Commercial Densification line
Complete Q1 2013



2

Mid-Scale Expansion
7.6 mte/hr; 66,300 mte/yr.
38ft. wide x 45 ft. tall Reactor
4 Densification lines
Complete Q1 2014



3

Full-Scale Production Facility
15.2 mte/hr; approx. 132,500 mte/yr.
2-lines of the Mid-scale Expansion
1 Air Control System
Full 325,000 mte Reclaim System
Complete Q1 2014

NuCoal is Cost Competitive with Coal in the UK/Poland

	Coal	NuCoal Market United Kingdom	NuCoal Market Poland
Cost of Fuel at Port of Entry ¹	\$125/MT	\$235/MT	\$235/MT
Cost of Shipping from Port to Utility Facility ²	\$16/MT	\$19/MT	\$21/MT
Metric Tons Raw Fuel to Produce One MWh ³	0.39	0.44	0.44
Price of Producing One MWh	\$55	\$112	\$113
Carbon Offset Penalty ⁴	\$7	\$0	\$0
Renewable Obligation /Green Certificate (0.6 to 0.9 ROCs for co-firing) ⁵	\$0	(\$58 to \$39)	(\$97 to \$79)
Levy Exemption Certificate ⁶	\$0	(\$8)	N/A
Net Price Per MWh of Electricity	\$62	\$46 to \$65	\$16 to \$34

¹ Assumption based on historical data ; coal prices are currently at historic lows and Management believes this cost reflects a normalized market

² Estimate from target UK Utility at £10 for 50lbs/ft³ coal bulk density; NuCoal at 44lbs/ft³.

³ "MWh" is Megawatt-Hour of Electricity. Assumes 26.1 GJ Coal/MT; 23.25 GJ NuCoal/MT; common boiler efficiency of 35%.

⁴ Carbon price of €7.93 from Thomson Reuters Point Carbon's OTC as of October 19 2012; assumes coal carbon of 65% and 3.67 tons CO₂ per ton C.

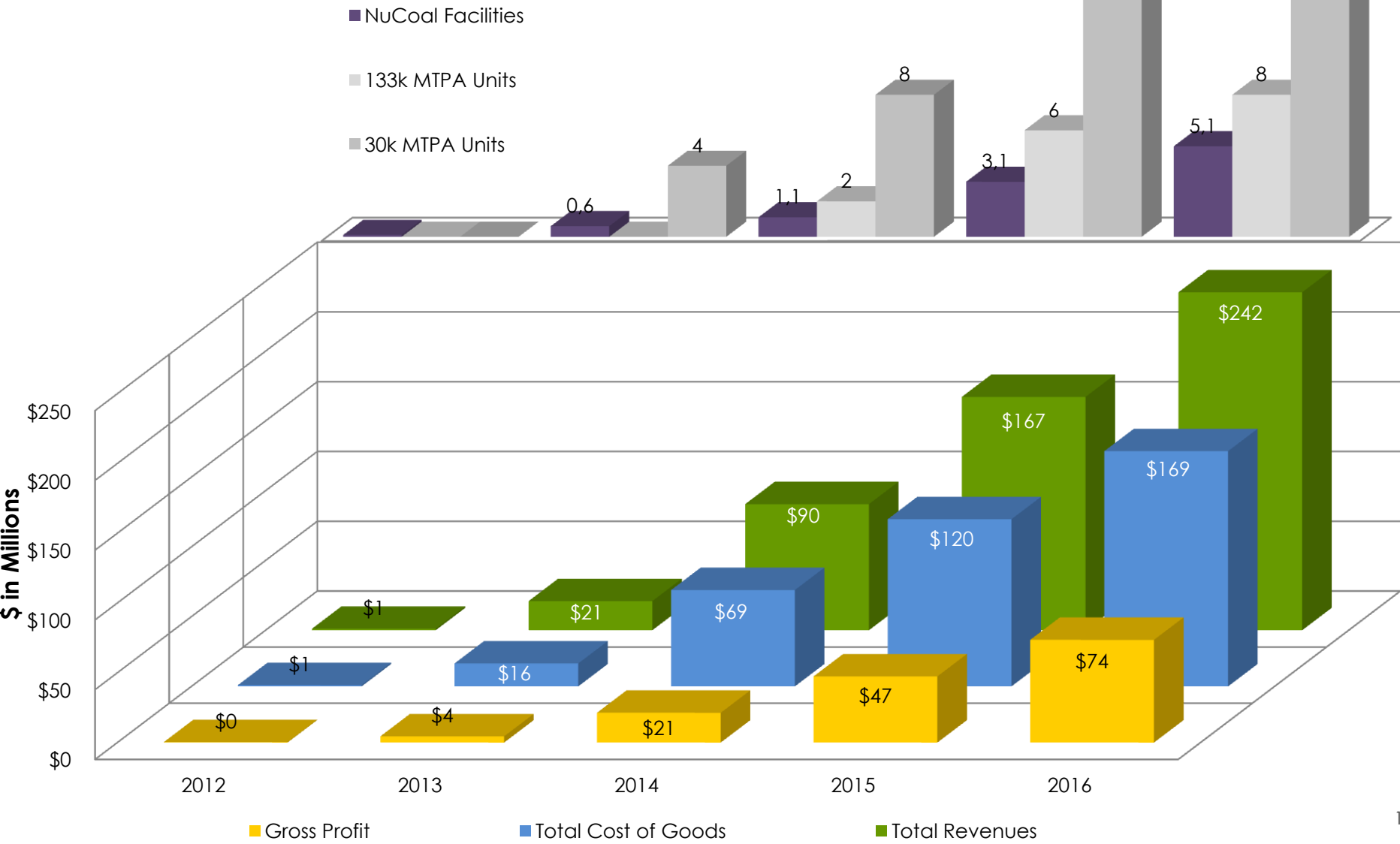
⁵ Renewable Obligation Certificates (ROCs) are a subsidy program administered by the UK government. Average ROC auction price of £40.19 per ROC as of October 2012 (<http://www.e-roc.co.uk/trackrecord.htm>). New Banding proposes .3 ROCs for <50% co-firing; and >85% receives 0.9 ROCs;

⁶ Current LEC pricing £5.09 per HM Revenue & Customs as of April 2012; assumes 66% value capture by generator and 66% of electricity sold is non-residential. LEC is an incentive to power producers to generate renewable power.

Currency Exchange Rates assumed \$1 = €0.7679 = £0.8133 from Citibank as of October 2012.



Integro Earth Fuels, Inc. Financial Proforma



Proven Management Team

Management Team

Walter Dickinson III Founder & Chief Executive Officer	Founder of three companies that have been acquired by strategic investors: Paradigm Solutions – developer of first explosion proof products for the automotive paint and repair industry, D&A Marketing – developer of digital imaging delivery system for State Farm Insurance automotive body shops, and Info4Cars – developer of the Experian's Autocheck. B.S. from University of Southern Cal.
John T. Gramling III Co-Founder & Chief Operating Officer	Co-founder and Chief Operating Officer, John oversees the acquisition and development of NuCoal facility sites. John was the first investor in Integro in 2008 and has been involved with the Company since its inception. Prior to joining Integro, John's business career included founding and operating numerous construction and heavy equipment companies and co-founding a real estate development group. John's roots are established in a 100-year-old family agricultural business that has owned and managed large farm acreage and manufacturing facilities throughout the Southeast. From 1993 to 2008, John founded and operated Gramling Brothers Contracting, Inc. ("GBCI"), Gramling Equipment Company, LLC ("GEC"), and co-founded G3 Development. John has a B.S. in Business Administration from The Citadel.
D.L. "Sonny" Williams Chief Product & Manufacturing Officer	Sonny oversees product manufacturing and delivery. Proceeded by senior roles in engineering, manufacturing, and sales/marketing with General Motors, Sonny led 3 global technology manufacturing enterprises through growth transitions as CEO/Director over a +25 year span ranging in size from \$12M to \$600M - acquiring 2 of the enterprises in partnership with Private Equity Groups. He provided successful transitional leadership results as Managing Partner of a growth transition advisory, leadership and investment firm co-founded in late 2005. Value was created through a high-energy passion to see underperforming operations succeed adopting "Built to Last" and "Lean Enterprise" principles serving multiple markets -- dominated by the consumer, automotive, technology, and industrial sectors. B.S.E.E. from Kettering University and M.B.A. from UNC – Kenan Flagler. Co-authored award winning Wiley series " <i>Handbook for Financing Growth</i> ".
James Walker Facilities Development Manager	James has over 12 years of experience in management of facilities, supply procurement, and maintenance operations. Founded and operated his own business in the construction and commercial services industry for 11 years. Oversees day-to-day torrefaction production and testing operations.

Experienced Directors & Advisors

Board of Directors

Integro's Board of Directors consists of Dickinson & Gramling plus two additional members and one board observer:

<p>David Fitzsimmons Board Member</p>	<p>Former CEO of BP's International Oil Trading business, Director of Planning for the BP group, President of BP Asia and Commercial Director for BP's Gas, Power and Renewables Business. More recently CEO of Novera Energy, a UK-listed company. Former Chairman of Ingenious Solar UK VCT fund and on advisory boards of Braemar Energy Ventures and Nur Energie. Degrees from Cambridge University and the Stanford Business School.</p>
<p>Arne Niemann Board Member</p>	<p>President of Consultex Systems, Integro's development partner for the torrefaction reactor. Developed and manufactured over 50 drying and processing machines for textiles and wood products. Engineering degree from The Citadel.</p>
<p>Denis Kalenja Board Observer</p>	<p>Founder and Managing Partner of Montague Capital LP. Has over 13 years experience in banking and venture capital investing. Investor amongst others in Organovo (ONVO); IQ Max; Integro; AdChina. He spent 3 years as CEO of Albinvest, Albania's government agency for foreign Investment and SME development. Holds a degree in Economics from Cornell University and an MBA in Finance from the Wharton School at the University of Pennsylvania.</p>

Advisory Board

<p>Ken Karas</p>	<p>Former Chairman and CEO of Zond Energy (now part of GE Wind Energy), large manufacturer of wind turbines and operator of wind farms in the 1980s and 90s.</p>
<p>Ron Oakley</p>	<p>Former President of Shaw Environmental & Infrastructure, former President and CEO of Skanska AB's USA Building business unit, and former CEO for Lend Lease America. Over 24 years with Fluor Corporation, most recently as Group Executive of the Fluor Government Group.</p>
<p>Vikram Rao</p>	<p>Executive Director of Research Triangle Energy consortium. Rao spent more than 30 years with Halliburton, most recently as chief technology officer. Holds Masters and Doctorate degrees in engineering from Stanford University, holds 24 patents, and brings valuable expertise in the realm of monetizing intellectual property.</p>
<p>George McClellan</p>	<p>Managing Member of Back Bay Coal Management, a privately held origination and advisory company. Member of Keystone Energy Group developing three wood pellet production plants in the Southeastern US. Former Managing Director of Enron Global Markets LLC overseeing global coal trading as well as emissions and vessel trading.</p>
<p>Chuck Anderson</p>	<p>V.P. of Business Development at GeoDigital International, a leading vegetation management services provider to the utilities, forestry and carbon markets. Former forest and procurement manager for Georgia Pacific.</p>
<p>Chuck Brown</p>	<p>Partner at law firm of McGuire Woods. Former CEO of Newport Generation and President of Entergy Power group.</p>