



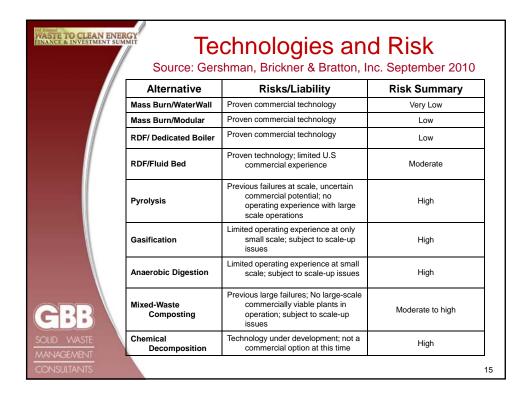


563 (and counting) Companies Offering Technology and/or Development Services

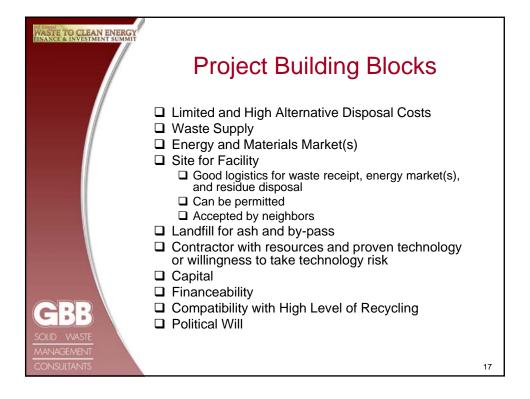
- 30 Aerobic Composting
- 106 Anaerobic Digestion
- 34 Ethanol Fermentation
- 170 Gasification
- 47 Plasma Gasification
- 47 Pyrolysis
- 61 WTE: mass burn, modular, dedicated boilers, and RDF
- 68 Others (agglomeration, autoclave, depolymerization, thermal cracking, steam reforming, hydrolysis)

Source: Gershman, Brickner & Bratton, Inc., September 2010



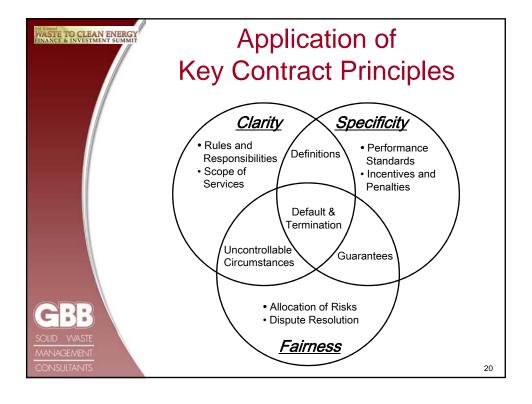


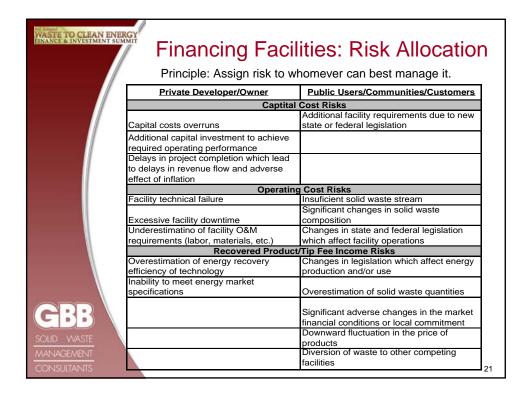
















Additional Revenue Streams

- Green Tags (1MWh = 1 Tag)
 - Renewable Energy Certificate (RECs)
 - Green Certificates or Tradable Renewable Certificates
- White Tags (1MWh = 1 Tag)
 - Energy Efficiency Certificate
 - Represents the value of energy not used (conserved) at facilities
 - Created through the implementation of energy conservation projects - demand-side & Cogeneration
 - Principally electricity, but can be any energy supply
 - Mandated in CT, NV, PA, 9 other states evaluating
- Carbon Credits
 - Emissions off-set programs
 - Cap-and-trade

Source: U.S. Dept. of Energy

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What Public Sector Looks For

- Opportunity to become 'greener'
- Low risk
- Proven technologies that meet environmental standards
- Contractors with deep and financeable pockets
- · Technology performing as expected
- Predictable economics
 - · Avoided/marginal cost of disposal
- Community acceptance (work with community; don't surprise them!)



What Companies Look For

- Limited and High Alternative Disposal Costs, e.g. approaching \$100 per ton
- Enlightened elected officials
- Public sector development resources
- Waste Supply and Control for non-recycled materials
- Energy/Fuel and Materials Market(s)
- Capital from loans/grants to reduce need for private debt and equity
- Site
 - Permittable
 - Good logistics
 - Public acceptance
- Landfill for ash and by-pass

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Benefits of Long Term Partnerships

- Increased recycling and energy/fuel productions
- Contribution to need for renewable energy
 a more energy beneficial integrated waste management system
- Nearby infrastructure with less dependence on landfilling
- Lowering long-term liability associated



Some Examples of Excellent Public Private Partnerships

- · Agawam, MA
- Alexandria/Arlington, VA
- Babylon, NY
- · Baltimore, MD
- · Hennepin County, MN
- · Lee County, FL
- Marion County, OR
- · Montgomery County, MD
- · Pinellas County, FL
- Solid Waste Authority of Palm Beach County, FL

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WASTE TO CLEAN ENERGY FINANCE & INVESTMENT SUMMIT

The Ultimate Goal:

Fully Integrated and Efficient Waste Management System with Significant Diversion and WTE ...in a 50-50 partnership!

SOLID WASTE MANAGEMENT

...for more jobs, better environment, and energy independence!

