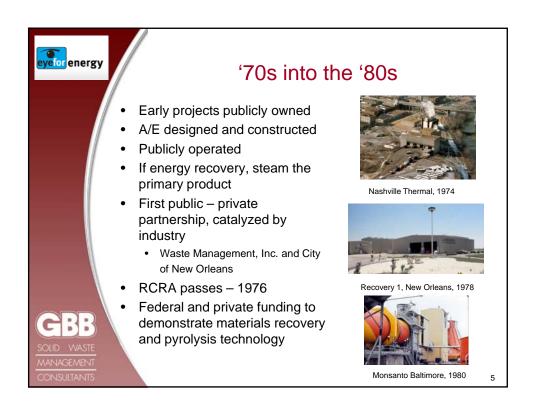
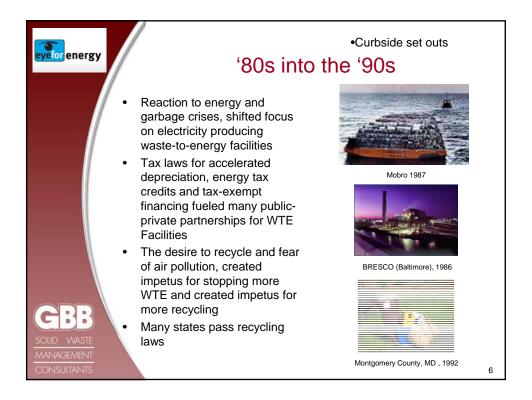
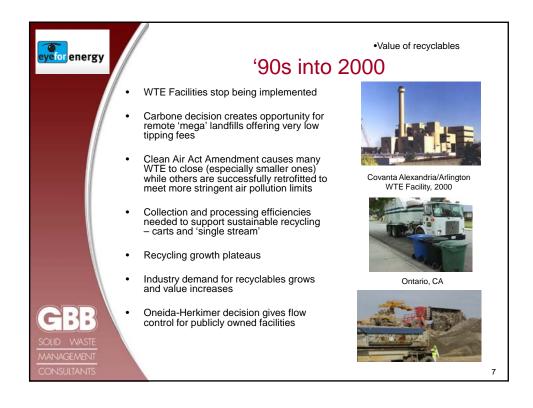


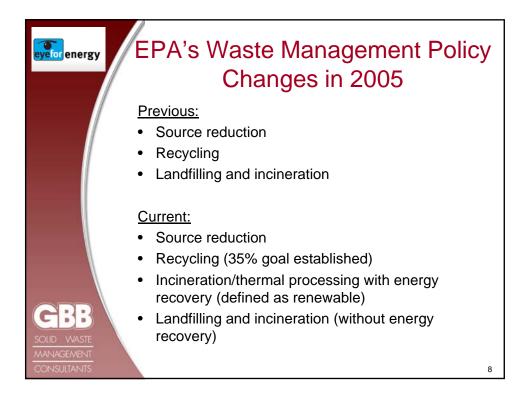
Partnerships with Waste Management Businesses



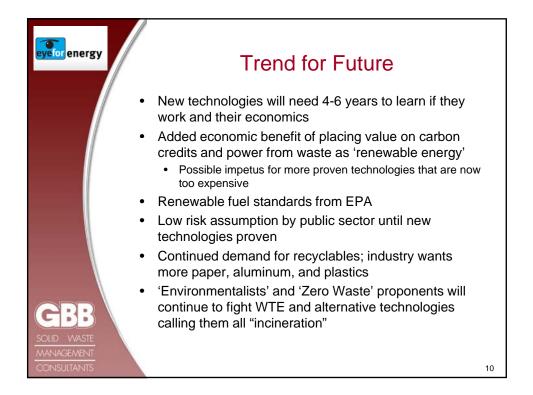


Partnerships with Waste Management Businesses



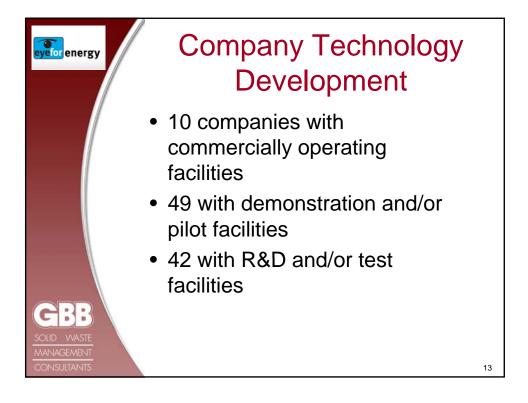








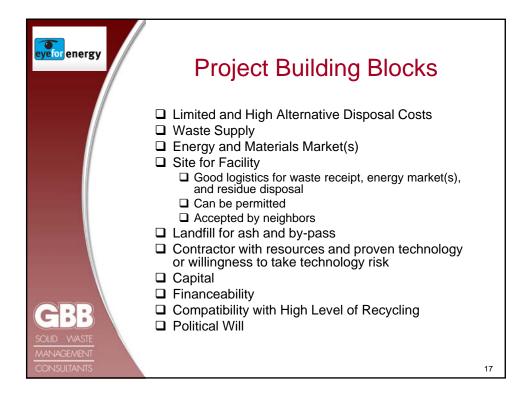






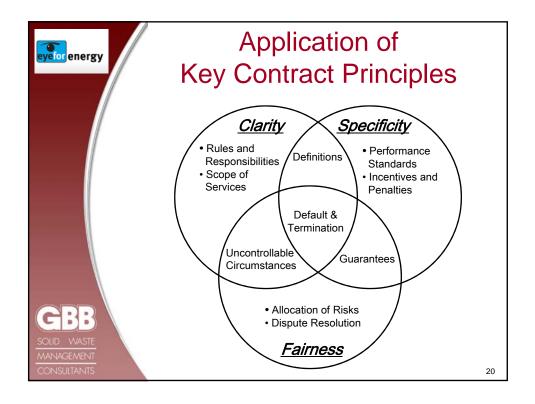
| eyefor energy | Technologies and Risk Source: Gershman, Brickner & Bratton, Inc. September 2010 | | | |
|---------------------------|---|--|------------------|--|
| | Alternative | Risks/Liability | Risk Summary | |
| | Mass Burn/WaterWall | Proven commercial technology | Very Low | |
| | Mass Burn/Modular | Proven commercial technology | Low | |
| | RDF/ Dedicated Boiler | Proven commercial technology | Low | |
| | RDF/Fluid Bed | Proven technology; limited U.S commercial experience | Moderate | |
| | Pyrolysis | Previous failures at scale, uncertain commercial potential; no operating experience with large scale operations | High | |
| | Gasification | Limited operating experience at only small scale; subject to scale-up issues | High | |
| | Anaerobic Digestion | Limited operating experience at small scale; subject to scale-up issues | High | |
| GBB | Mixed-Waste Composting | Previous large failures; No large-scale commercially viable plants in operation; subject to scale-up issues | Moderate to high | |
| SOLID WASTE MANAGEMENT | Chemical Decomposition | Technology under development; not a commercial option at this time | High | |





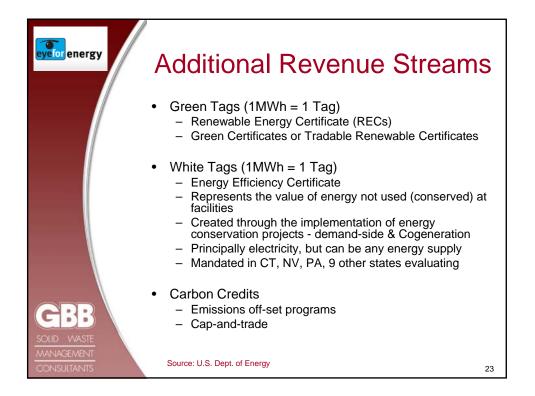






| eye for energy | Financing Facil | ities: Risk Allocation | | | |
|---|---|---|--|--|--|
| | Principle: Assign risk to whomever can best manage it. | | | | |
| | Private Developer/Owner | Public Users/Communities/Customers | | | |
| | Captital Cost Risks | | | | |
| | Capital costs overruns | Additional facility requirements due to new state or federal legislation | | | |
| | Additional capital investment to achieve required operating performance | | | | |
| | Delays in project completion which lead to delays in revenue flow and adverse | | | | |
| | effect of inflation | | | | |
| | Operating Cost Risks | | | | |
| | Facility technical failure | Insuficient solid waste stream | | | |
| | | Significant changes in solid waste | | | |
| | Excessive facility downtime | composition | | | |
| | Underestimatino of facility O&M | Changes in state and federal legislation | | | |
| N and a second se | requirements (labor, materials, etc.) | which affect facility operations | | | |
| | Recovered Product/Tip Fee Income Risks | | | | |
| | Overestimation of energy recovery efficiency of technology | Changes in legislation which affect energy production and/or use | | | |
| | Inability to meet energy market | | | | |
| | specifications | Overestimation of solid waste quantities | | | |
| GBB | | Significant adverse changes in the market financial conditions or local commitment | | | |
| SOLID WASTE | | Downward fluctuation in the price of products | | | |
| MANAGEMENT | | Diversion of waste to other competing facilities | | | |
| CONSULTANTS | | 21 | | | |





| eye for energy | 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 | |
| GBB | Community acceptance | |
| SOLID WASTE | (work with community; don't surprise them!) | |
| MANAGEMENT CONSULTANTS | | 24 |



