



2020 Agenda: Promise Synergy: Waste and Energy

ReCaribe and Caribbean Environmental Forum
June 23-27, 2008



Virgin Island Institute of Development Leadership Summit
June 27, 2008

Synergy: Waste and Energy

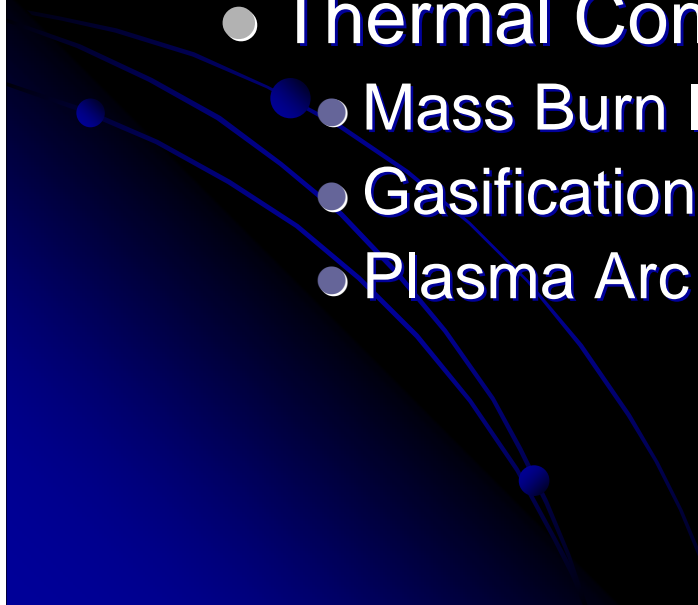
- Message of Relevance & Urgency
- VI Earth Day 2007: *An Inconvenient Truth*
- ReCaribe & Caribbean Environmental Forum 2006 and 2008
- VIID Leadership 2008
- SWANA WASTECON – 2008

Synergy: Waste and Energy

- Waste Diversion
 - Waste Minimization and Reduction
 - Go Green Movement & Green Practices
 - Product Stewardship
 - Energy and Waste Surveys & Audits
 - Waste Recycling and Reuse

Recyclable Material	Energy	Pollution	Waste
Aluminum	95% less	95% less (air)	
Paper/Cardboard	64% 58% (water)	60 lb less per ton recycled paper	3 cu yd landfill space per ton recycled paper
Plastics			
Ferrous Metals	74% less		70% less
Glass		20% less (air) 50% less (water)	80% less

Synergy: Waste and Energy

- Waste Conversion
 - Biological Treatment
 - Anaerobic Digestion
 - Landfill Bioreactor
 - Landfill Gas to Energy
 - Thermal Combustion
 - Mass Burn Incineration
 - Gasification
 - Plasma Arc Technology
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Agenda for the Year 2000 - Successes

- VIEO reestablished under the Governor
- WMA created and fee proposals developed
- Waste Diversion Programs in operation
- Transfer Station/MRF in design phase soon
- Waste to Energy Proposal Evaluation ongoing
- Landfill gas-to-energy project grant award
- St. Croix Recycling Association established
- WAPA engaged – Energy Star Partner

2020 Agenda: Follow Through Year 2000

- Adopt applicable SSEB (state) legislation
- Institute Green Tax Credits & Incentives
- Attract and foster Green and Energy Smart businesses & development projects
- Support energy technology and policy research at UVI and REC
- Create small business support system – EPA/JTR – REDA and RBAC

2020 Agenda: Virgin Islands Action Plan

- Declare Policy Statement/Direction
- Integrate Waste and Energy Policies
- Set Waste and Energy Reduction Goals
- Mandate Performance Benchmarks, Tracking, Monitoring, Measurement, and Reporting by Government Agencies
- Implement Government Procurement & Purchasing Policy and Plan

2020 Agenda: Projected Benefits

- Environmental, Energy, Economic Benefits
 - Carbon Footprint Reduction – Carbon Credits
 - Green Marketing – Eco-Tourism Economy
 - Lower Waste and Energy Costs
 - Diversified Renewable Energy Portfolio
 - Higher Energy Stability & Security
 - Lower Government Costs and Taxes
 - Higher Business Stimulation and Incentives

2020 Agenda: Regional Action Plan

- Support Active Sustainable Participation
 - Office of External Affairs
 - ECC-UVI – Policy & Research
 - Intergovernmental Council - BVI -USVI
 - New Intergovernmental Agreements
- Participation in the Caribbean Single Market and Economy (CSME)
 - Constitutional Issues and Rights
 - Delegates to Constitutional Convention

2020 Agenda: Projected Outcomes

- Pool Capital Resources - Cost-Share
- Regional Recycling Centers
- Regional Waste Processing Facilities
- Regional Product Manufacturing Specialization

In Summary: The Promise

- Progress and Successes have been slow, but sure and steady
- Urgency and Relevance have increased on local, regional, and global fronts
- Integrate Waste Management System of 2020
 - Diversion and Conversion – Energy Factor
- Environment, Energy, and Economic Benefits
- Sustainable Regional Participation
- The Promise.....Synergy: Waste and Energy

Thank you

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