Practical Benefits and Issues in the Redevelopment of Brownfields Sites

Dave Robau
CEO & Chief Scientist
National Energy USA

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Agenda

- Challenges with Solid Waste Management
- Think Globally, Act Locally
- Leveraging Innovative Technologies
- EWT Site (Pensacola, FL)
- Proposed Escambia Midtown Commerce Campus (EMC2)
Challenges with Solid Waste Management

*In the U.S. we landfill over 250,000,000 tons of solid waste each year*
Think Globally, Act Locally

- The “traditional” recycling model is changing...dramatically!

- Up until last year, China was the world’s largest importer of recyclable materials.

- Overnight, Materials Recovery Facilities across the country closed, indefinitely.

- Many communities have been forced to landfill its recyclables.
Think Globally, Act Locally

NERC
NORTHEAST RECYCLING COUNCIL

ELEVEN STATES UNITED FOR ENVIRONMENTALLY SUSTAINABLE MATERIALS

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China’s Ban on Recyclables: Beyond the Obvious...

CNN Money
Companies Markets Tech Media

China trash ban is a global recycling wake up call
by Ivana Kottasova
April 20, 2018: 11:08 AM ET

Recycling Chaos In U.S. As China Bans 'Foreign Waste'
December 9, 2017 - 8:00 AM ET
Heard on Morning Edition

CASSANDRA PROFITA
JES BURNS

Northwest Florida Brownfields Redevelopment Forum
The DoD is Leading the Way

Welcome Air Commandos

"The Quiet Professionals"

Northwest Florida Brownfields Redevelopment Forum
Innovative Technologies & Case Studies

Advanced Waste Recycling and Recovery

Objective: To jointly-develop a cost-effective solution that can be used to process Municipal Solid Waste (MSW) and produce a pathogen-free engineered fuel product.
Innovative Technologies & Case Studies

Waste-to-Fuels Technology

• Developed through a Cooperative Research and Development Agreement (CRADA) with the US Department of Defense.

• System efficiencies and process enhancements completed through a partnership with the US Department of Energy.

• Supported by 21 US and 2 International patents.

• 10 years of operational data and maintenance records.
Innovative Technologies & Case Studies
Escambia Wood Treating Company Site  (Pensacola, FL)
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Dave Robau, CEM, LEED AP BD+C
CEO & Chief Scientist

DaveR@NationalEnergyUSA.com
(850) 855-2108