



Stony Point, NY Town Meeting

January 8, 2015



ThermoChem RECOVERY International

Who We Are

A Maryland-based company founded in 1996 on the idea that thoughtful, advanced technologies can be used to improve safety, efficiency and value in the commercial-scale conversion of waste streams.



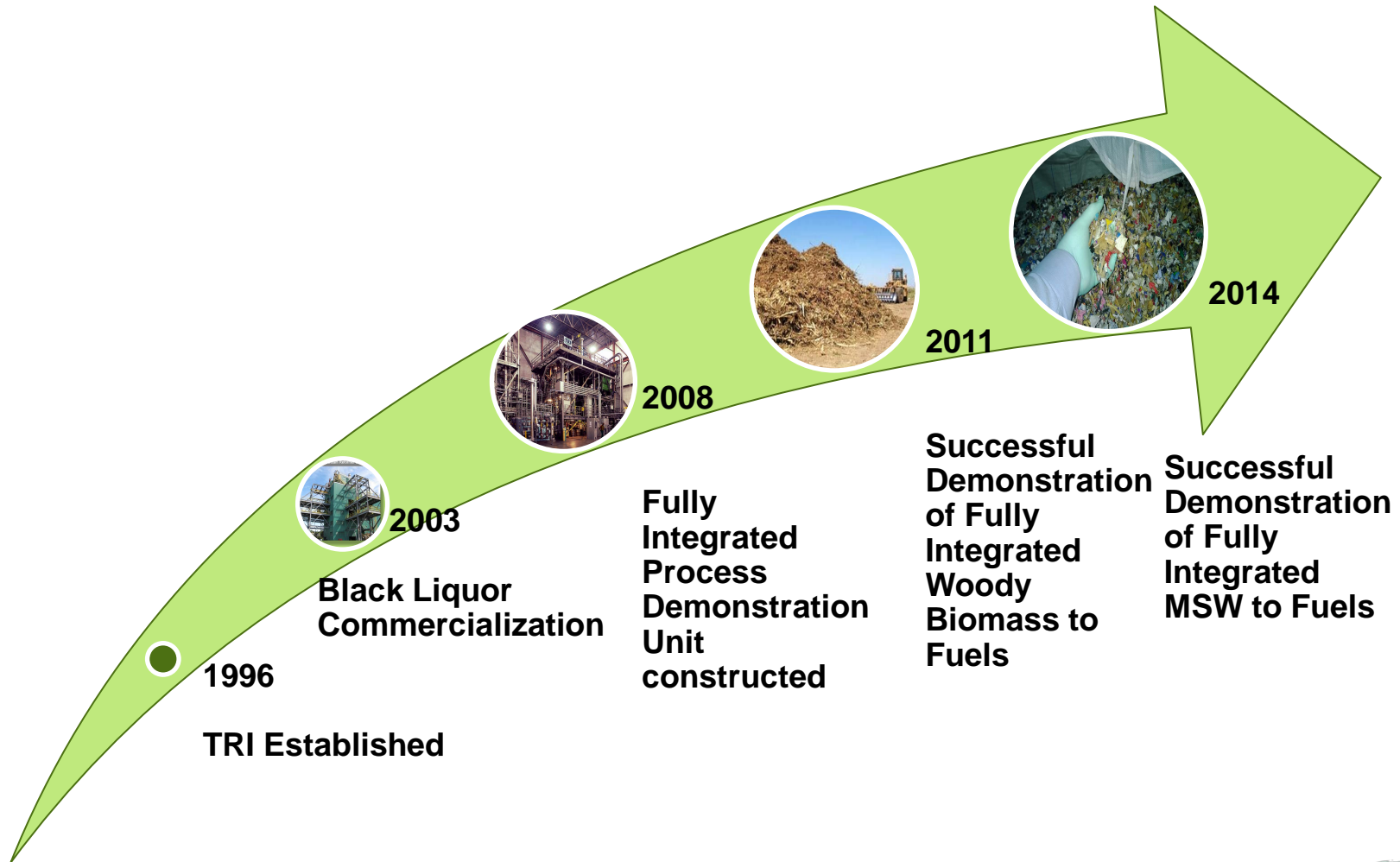
What We Do

We provide technology capable of cleanly converting high-volume, complicated waste streams into valuable energy end products, such as transportation fuels and/or renewable electricity.



TRI's Timeline

- Almost 20 years old, TRI is neither brand-new, nor one of the old “usual suspects”



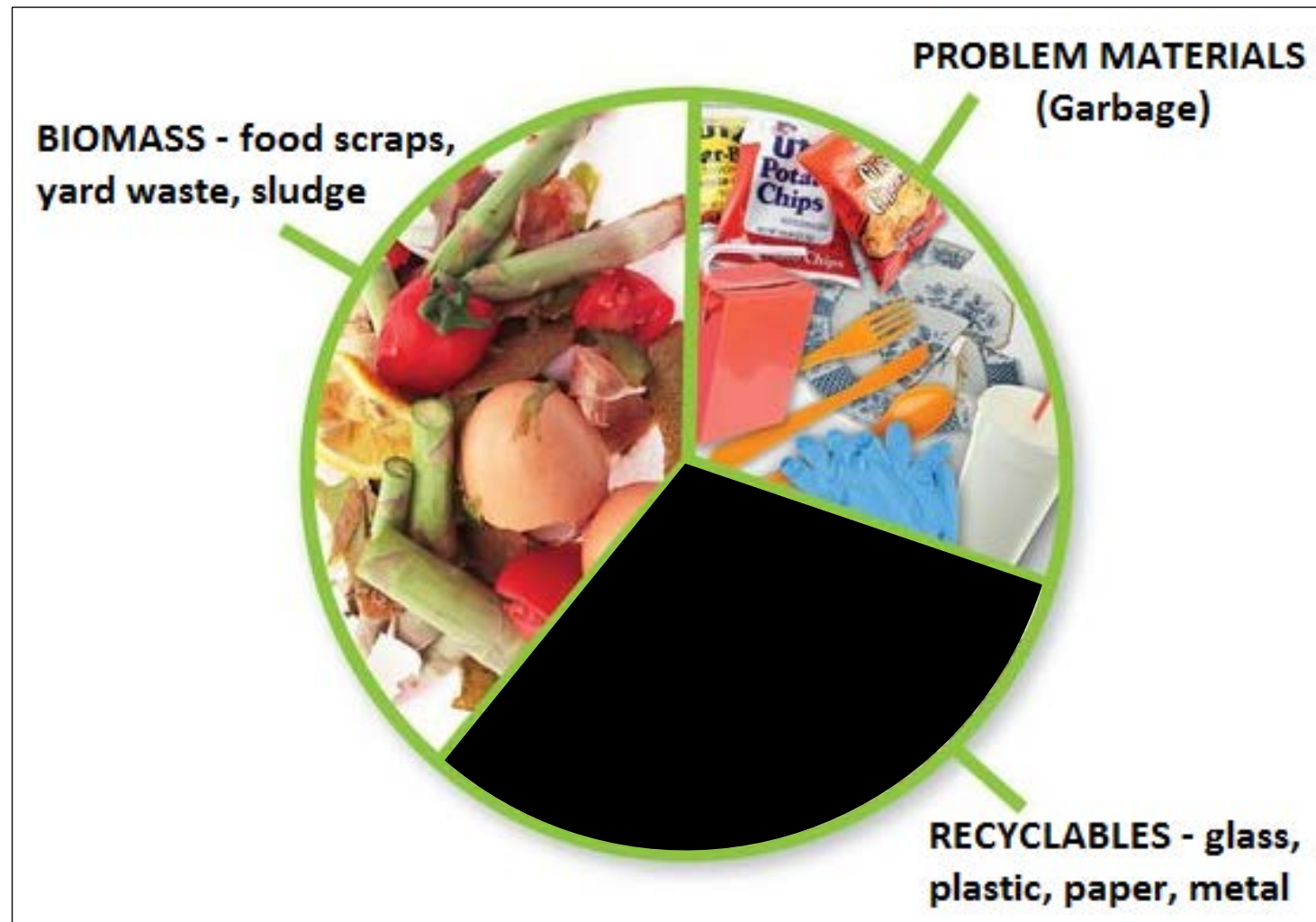
Discarded Material as 'Feedstock'



Feedstock



Feedstock



Conversion of Solids to Gas

Combustion



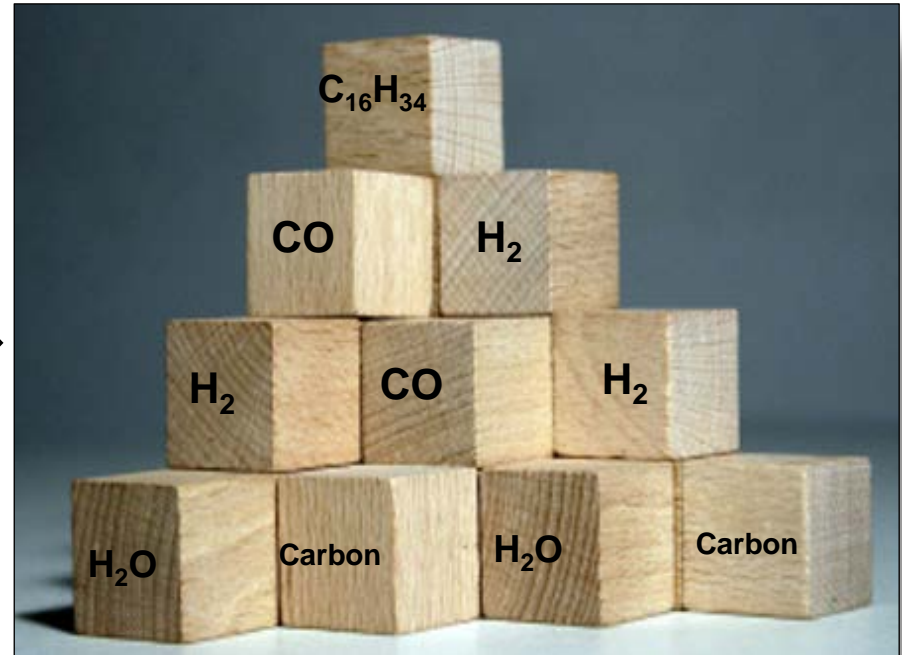
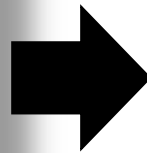
Gasification



Making a Functional 'Smoke'

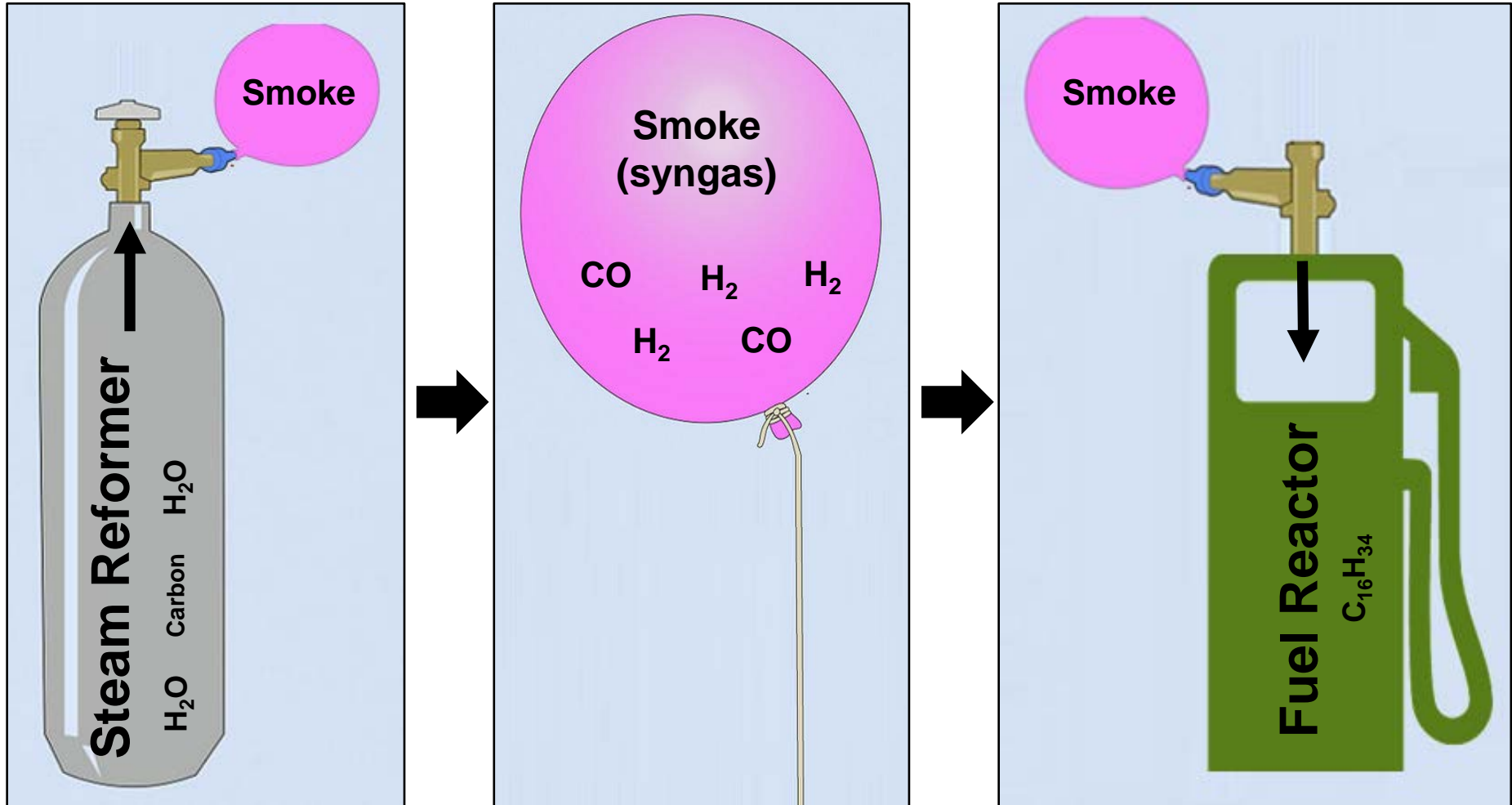


Trash



Chemical building blocks

Using Smoke to Make Fuels



Using Reactive Steam for Conversation



Steam Reformer Animation

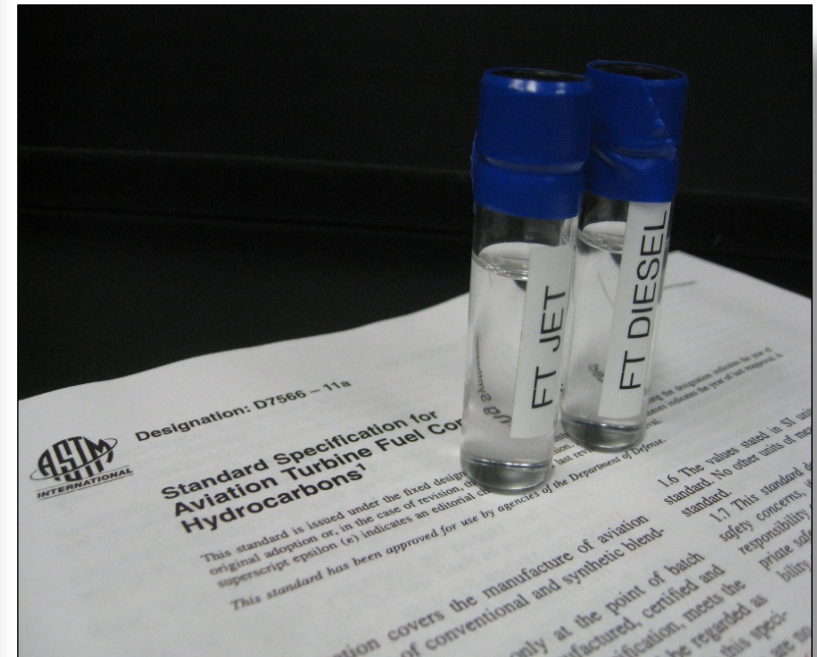


- Animation viewable at <http://www.tri-inc.net/tech.html>



Fuel End Products

Drop-in fuels for the domestic market



TRI Process Demonstration Unit (PDU)

Every process needed in a commercial biorefinery is replicated here



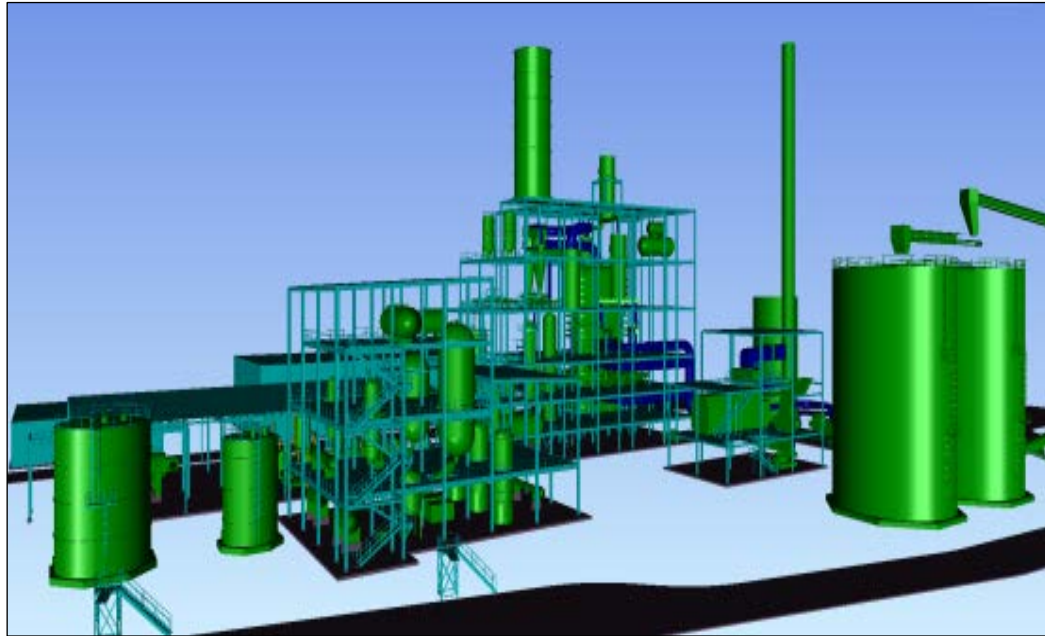
TRI Integrated Biorefinery
Process Demonstration Unit
Durham, NC July 2013



TRI Commercial Steam Reformer



TRI Commercial MSW Plant



TRI – Implementing Clean Technology for a *Sustainable* Environment

- TRI is proud of our green technologies and their positive impact on climate change
- * TRI is proud to be part of this project



ThermoChem Recovery Int'l, Inc.

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Baltimore, MD 21227

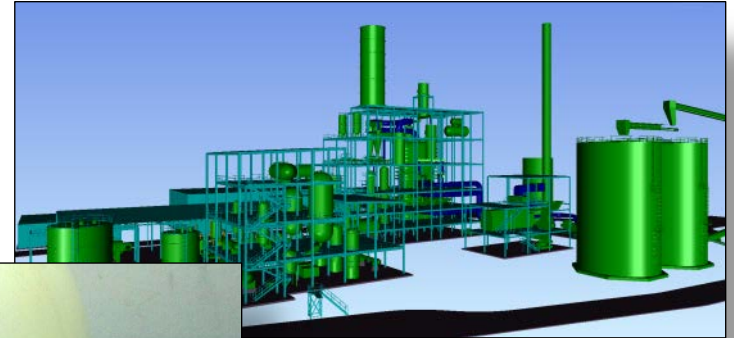
www.tri-inc.net

"I'm trying to reduce my dependence on fossil fuels."



Advanced Biofuels from Waste Streams

TRI – Implementing Clean Technology for a Sustainable Environment



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