



POWER

An Elemental Impact Project

Holly Elmore

Director, Zero Waste Zones

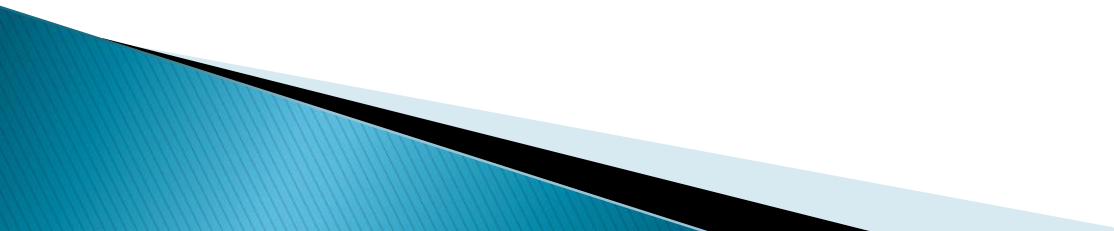
CEO & Founder, Elemental Impact

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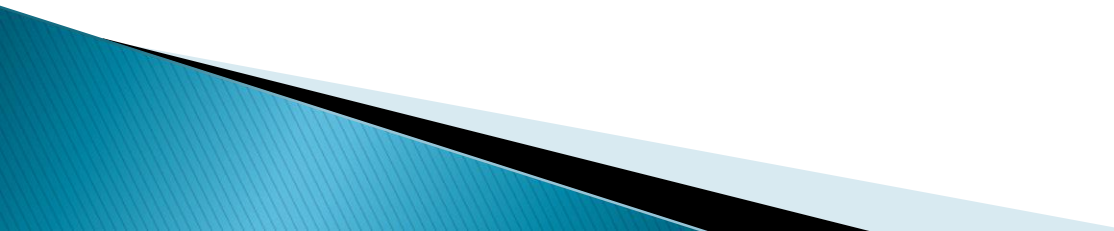
Perishable Organics Waste to Energy Recycling

Mission:

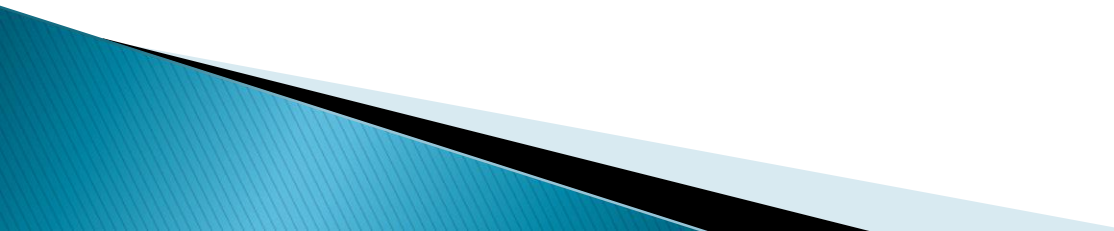
To explore and evaluate the highest good collection, recycling and use of perishable organics and make recommendations for deployment of economically viable projects within a defined geographic area.



Committed to ACTION

- ▶ POWER Meetings
 - ▶ Steering Committee
 - ▶ Technical Committee
 - ▶ Projects
- 

POWER Meetings

- ▶ Define Perishable Organics ~
breakdown between nitrogen and
carbon sources
 - ▶ Explore Technologies Available for
Organics
 - ▶ Address Challenges
 - ▶ Lively Dialogue
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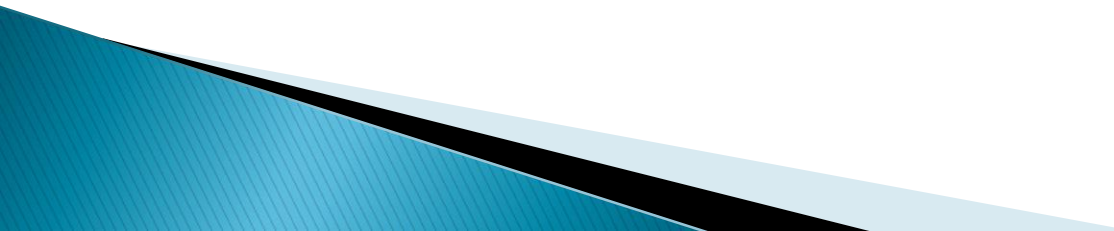
Food Residual Collection

- ▶ First priority of organic material feedstock
- ▶ Commercial-generated
- ▶ Support the Zero Waste Zone program with delivering assessment of highest-good use of food residuals

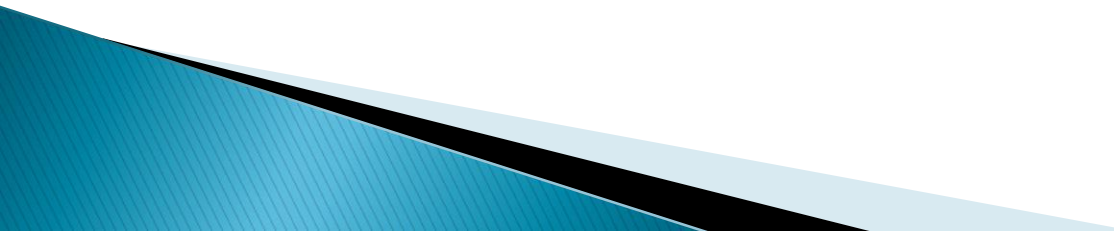
Chef at Doubletree Hotel Buckhead-Atlanta Sending Food to Compost as Part of the ZWZ~Buckhead



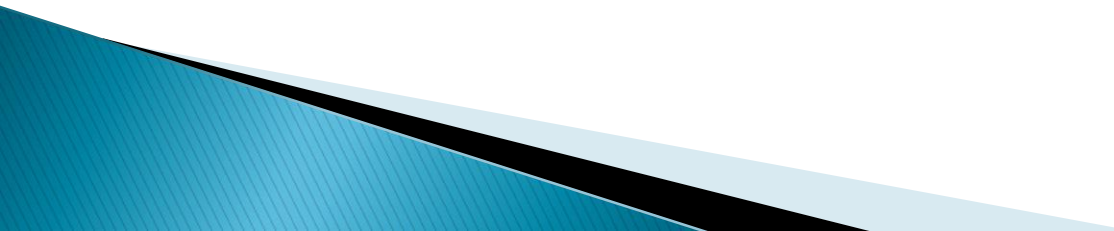
Technologies Addressed

- ▶ **Anaerobic Digestion** ~ Harvest Power
 - ▶ **Plasma** ~ GeoPlasma & Plasma Waste Recycling
 - ▶ **Windrow Composting** ~ Greenco Environmental
 - ▶ **Organics to Fertilizer** ~ Converted Organics
 - ▶ **Soldier Fly Program** ~ Insect Science Resource
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Challenges Addressed

- ▶ **Compostable Products** ~ NatureWorks
 - ▶ **Organics Collection** ~ Waste Management
 - ▶ **Valuable End Product** ~ filtrexX
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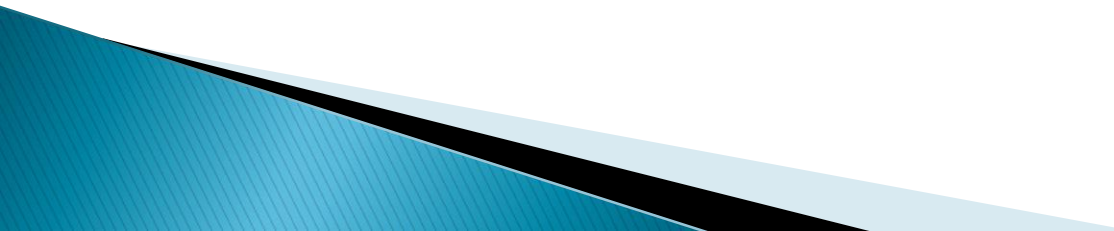
POWER in Action

- ▶ **Technical Committee** ~ working on a web-based metrics assessment tool
 - ▶ **CNN Center Project** ~ initial planning stages of a zero waste project working with the seated dining and the food court operations. An opportunity to experiment with packaging options and consumer participation in a public area.
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POWER in Partnership

- ▶ **CoRR** ~ Annie serves on the Steering Committee; CoRR members may attend POWER meetings as a member benefit
- ▶ **Zero Waste Zones** ~ a sister Ei project; The National ZWZ Team is building and the expansion plan is formulating

Compost: The Quiet Hero

- ▶ Educates the foodservice industry, largest private-sector industry in the nation, on the importance of diversion of organics from landfills and the benefits of compost
 - ▶ Debut at the National Restaurant Association May, 2010 Show in Chicago in a 90 minute solo session
 - ▶ PPT presentation available at:
www.elementalimpact.org/speakingengagements
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INVITATION

WHAT: Summer POWER Meeting

WHEN: Thursday, July 22 noon – 6:00 p.m.

WHERE: Atlanta, GA

WHY: What we are doing is important!

HOW: Give Holly your contact information



ZWZ & POWER Future

Remember:

We are just beginning ... Stay Tuned



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