# "Commodities Produced"

#### STONEBRIDGE SUSTAINABILITY SOLUTIONS, INC. (SSSI) GOLD SEAL INDUSTRIES, LLC (GSI)





"Advanced Waste Conversion Technology, which through Collaboration, provides Alternative Solutions to Environmental Protection, Restoration, and Resiliency Goals"



### **Gold Seal Industries**

"Highest Purity - Distilled Water"

SSSI

Stonebridge Sustainability Solutions Inc.

**GOLD SEAL INDUSTRIES** 

MODULAR EVAPORATOR

1 Million Gallons Per Day

Water recovered can be used for clean-in-place procedures







## Syngas/Fueling Systems

Stonebridge Sustainability Solutions Inc.

#### Franklin Fueling Systems Solutions You Can Trust



### Celebrating 25 Years



A complete line of petroleum equipment including Submersible Pumping Systems, Piping & Containment Systems, Service Station Hardware, Dispensing Systems, Fuel Management Systems and Transport Systems.







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### **Decentralized Energy**

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# **Distributed** Generation

#### It includes: On-site renewable energy



High efficiency cogeneration Combined Heat and Power (CHP) Industrial energy recycling and on-site power

(Micro Grids) Uninterrupted and On-Demand Power

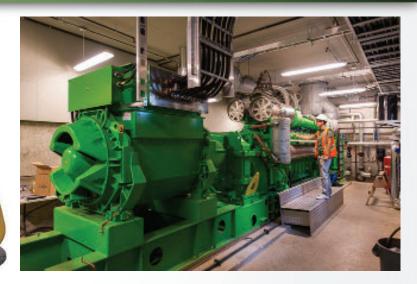




### **Combined Heat and** Power (CHP)

GE Jenbacher and/or Caterpillar CHP

These units produce Electricity and Hot Water and/or Steam.





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# **Gas-To-Liquids**

Stonebridge Sustainability Solutions Inc.



Fortune 500 company (NYSE: ROK)

111 years

#### **Rockwell International**

**Rockwell** Automation

The PlantPAx<sup>™</sup> process automation system









Fischer-Tropsch Units

80 countries worldwide.

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# Industrial Waxes & Chemicals

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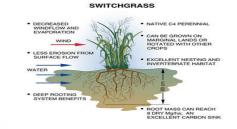


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# Renewable Fuel Pathways







**Multiple Renewable crops** 

- Sweet Sorghum
- Switchgrass
- Organic Fertilizers (Biochar)
- Hemp













- Electricity
- Synthetic gas (syngas)
- Surplus heat (water/steam)
- Biochar
  - Creates revenue stream
  - USDA Certified organic
- Water recovery







#### Private Surface Water Impoundments

- Stonebridge Sustainability Solutions Inc.
- Quality Freshwater Conversion
- Aquaculture commercial production of plants and animals in aquatic systems







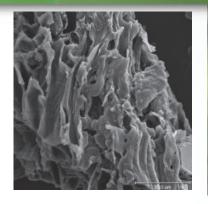
# **Biochar**

Biochar is a natural by-product of the Ultimate Gasification<sup>©</sup> process.

Biochar is also used as a blacking agent for many industries, commodity applications for carbon char across many different disciplines including:

Biotechnology Increased crop productivity and soil enrichment The benefits of mixing the char in with soil are well known, as a highly effective and organic means for binding nitrogen which helps plants to thrive

Environmental sciences Carbon sequestration Nanotechnology Carbon fiber





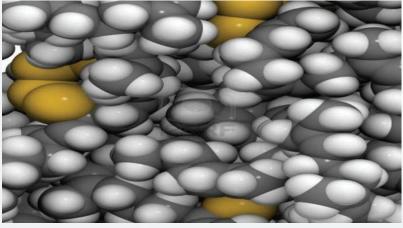




# Breakdown

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Sulfur- cross linked polyisoprene strands





# Carbon Black

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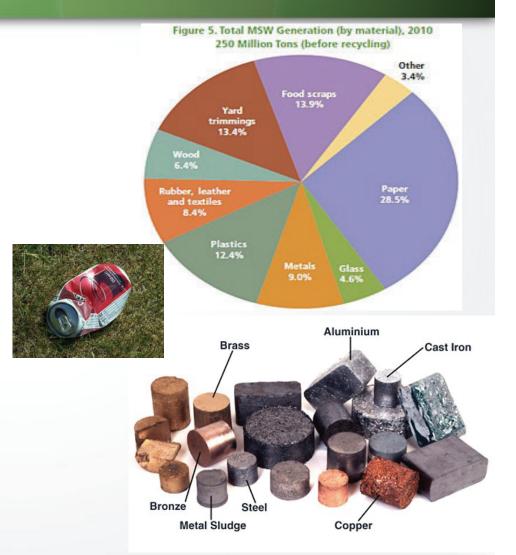
### **MSW Project Phase II**

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I,500 tons per day of MSW Produces: Synthetic Diesel – 13,830,000 gallons per year Metals – 40,000 Tons per year Water – 200,000,000+ Gallons per year \$37+ Million Per in Water Tipping Fees

> 60% of weight is water •Transportation cost •Tipping fees





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# Paper Industry

#### The pulp and paper industry







### Marketable Commodities

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#### **Increase Revenue**



- Electricity
- Fuels
- Carbon Black
- Steel recovery





### Third Party Review



Social, Environmental & Economic Solutions (SOENECS) Ltd Technology Report for Albion Energy



NEW TECHNOLOGY REVIEW

Author: Dr. David Greenfield February 2017 It is the view of SOENECS that the Electromagnetic Induction Gasification System (EIGS) has the potential to revolutionize the way that difficult wastes can be managed in an appropriate, localized and optimal way, according to their individual chemical and physical composition.





Stonebridge Sustainability Solutions Inc.

# Insurance

### Lloyd's

The world's specialist insurance market for over 325 years The world's leading insurance platform



Underwriting since 1688

"Operational Performance Guarantee -Worldwide up to 120% of Total Equipment Cost"

