



Integrated Global Solutions

Municipal Solid Waste

Single Stream

Advanced Recycling

Plastic Processing













Construction & Demolition

Waste to Energy

Compost and Organics

Recycled Pulp



BHS Family of Brands

Global provider of waste processing technologies contributing to a circular economy





What's next.















AI & Robotics



Air Separation



Optical Sorting and Automation

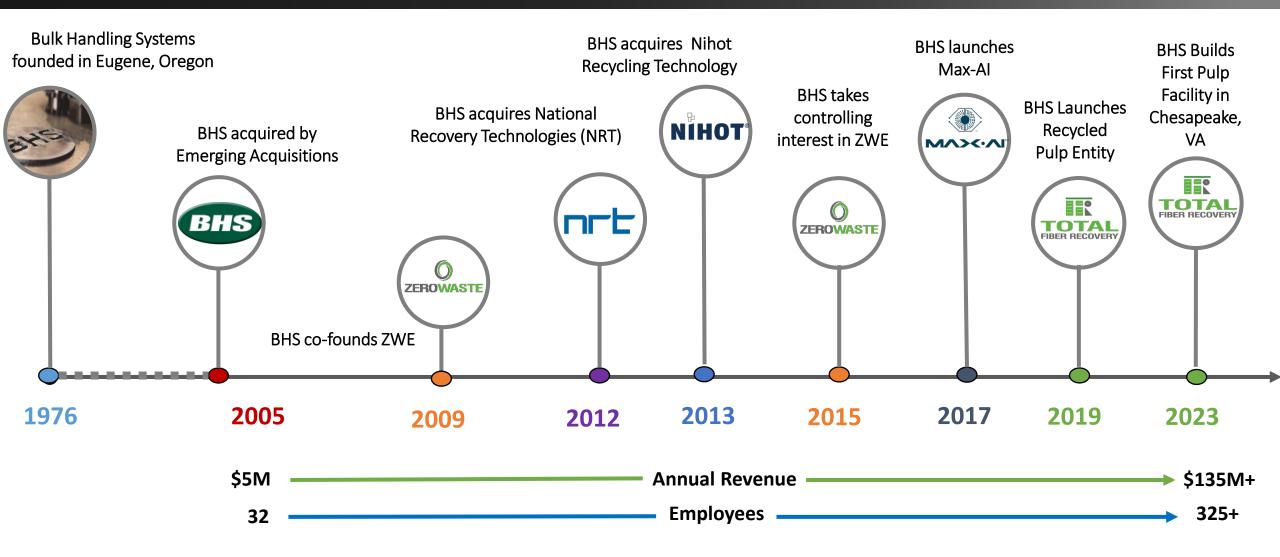


Organics



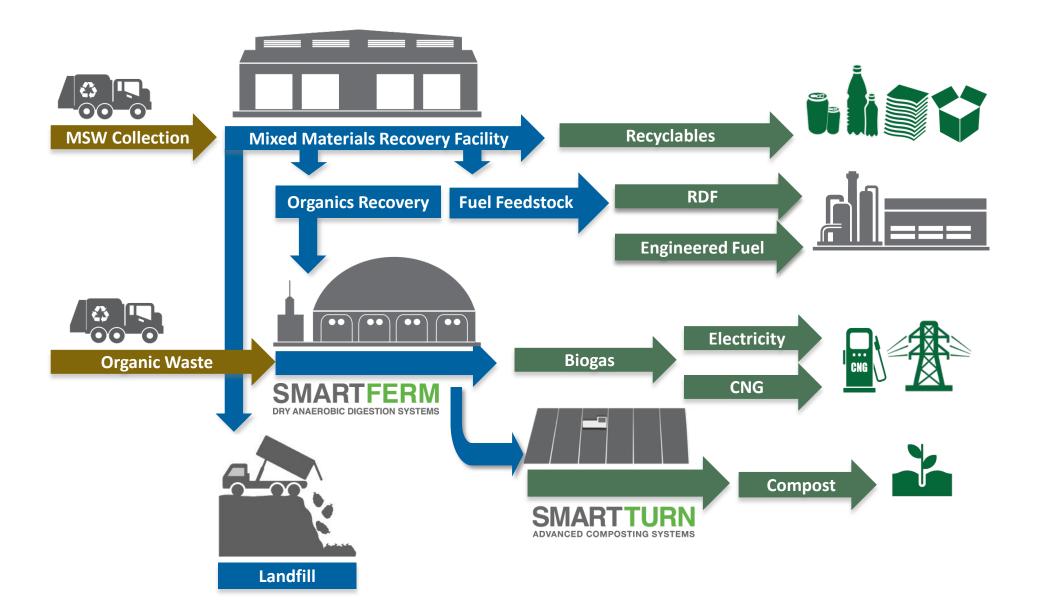
Recycled Pulp

History



ZEROWASTE

Integrated Waste Management Model





Mechanical & Advanced Recycling Experience





- BHS has designed and built every major rPET processing plant in N. America since 2016
- BHS is the global leader in the delivery of systems for the recovery of high-value recyclabless out of MSW and Single Stream. (over 150 plants worldwide)





 BHS is a leader in the design/build of feedstock prep systems in the advanced recycling space.



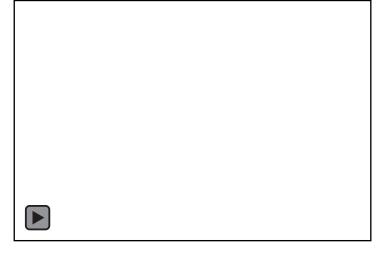
BHS Technology Overview – Conveyors, Screens, Metering Bins, Bag Breakers







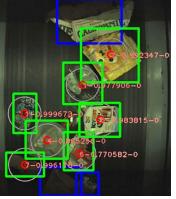






NRT Technology overview







NIR & AI Optical Sorters - HS/SpydIR®/ColorPlus + HS-VIS
Added layer of intelligence





(Visual Identification System)



System Controls/Automation



Artificial Intelligence Robotic Sorters



Nihot Technology Overview



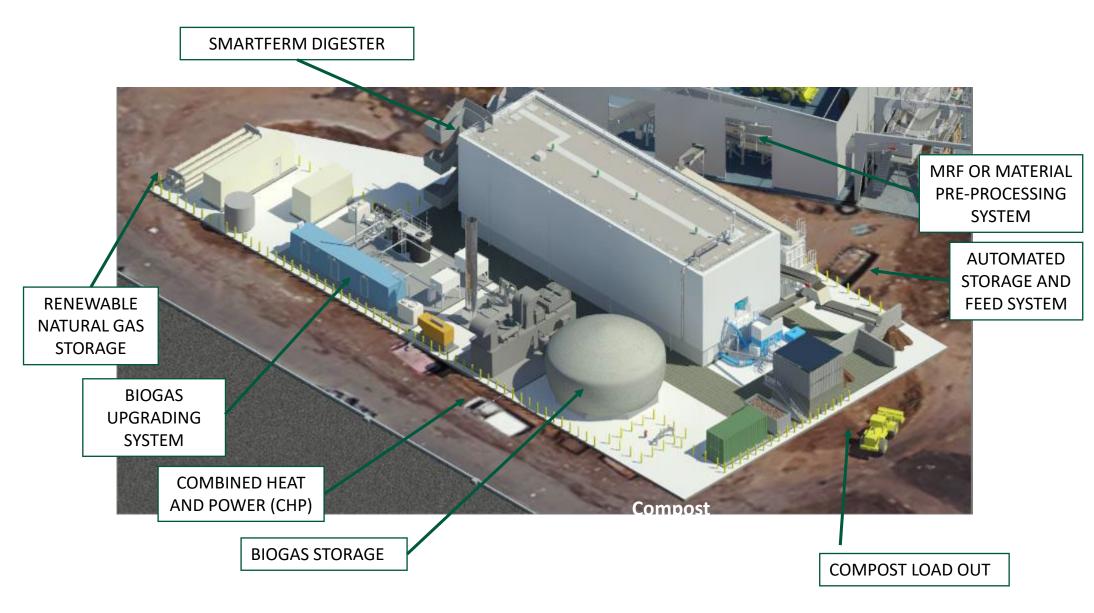
Single Drum/Dual Drum Air Density Separators



Wind Shifters

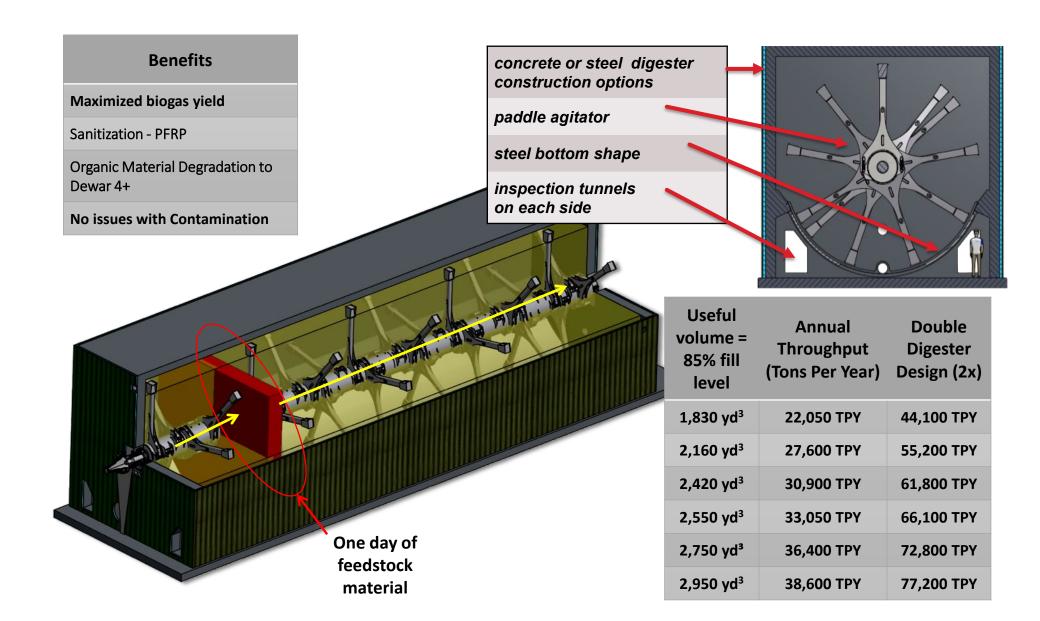
ZEROWASTE

ZWE Technology Overview – Organics, Anerobic Digestion





Technology Overview: Plug-Flow Dry Digester Design





Lane County Integrated Material and Energy Recovery Facility

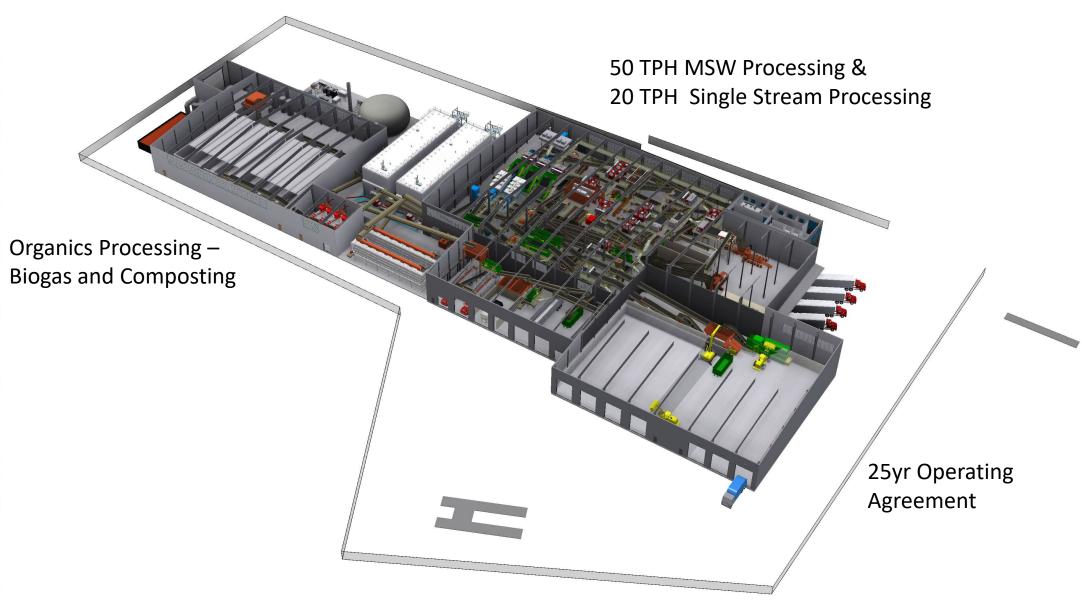




A Public Private Partnership



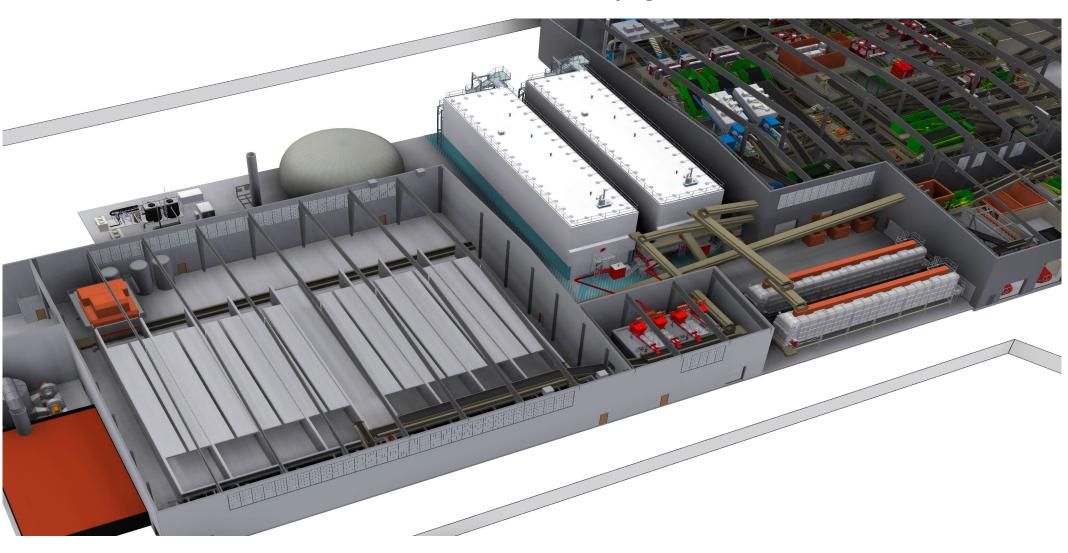
Lane County Project – Combined Technologies



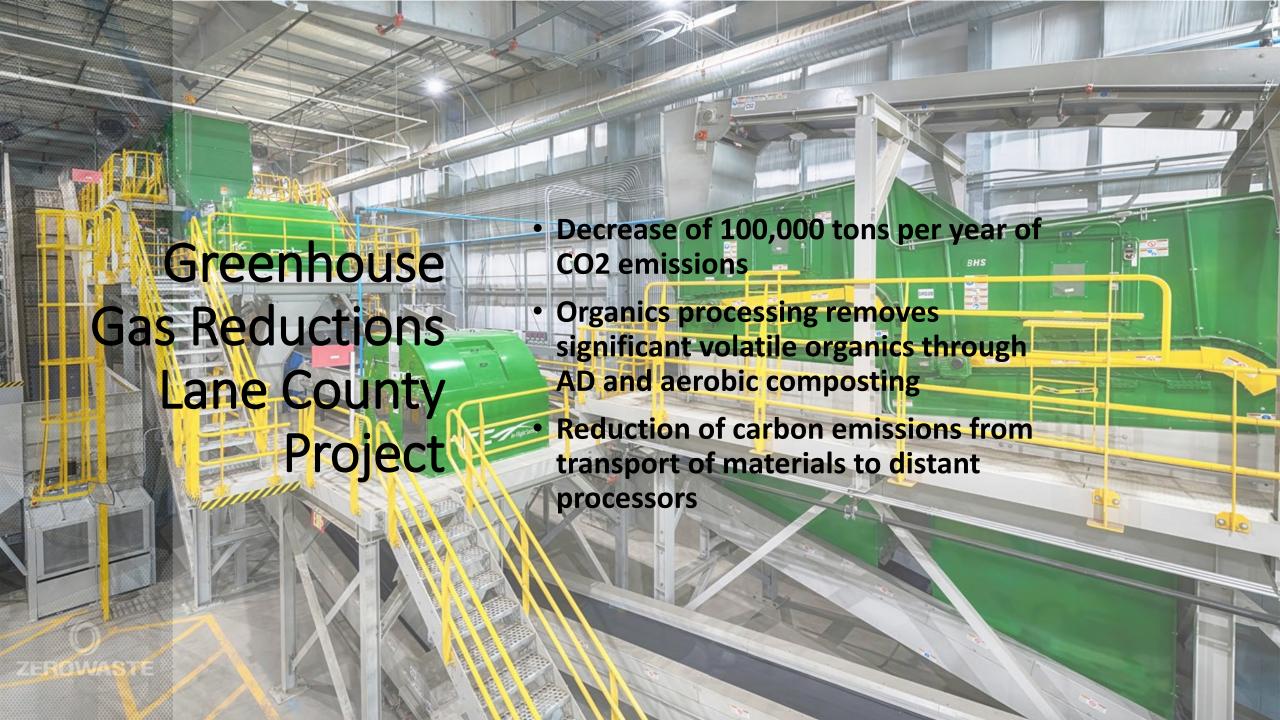


Lane County Project – Combined Technologies

Organics Processing – 180,000 MMBTU Annual Bio-Gas Production with solids drying

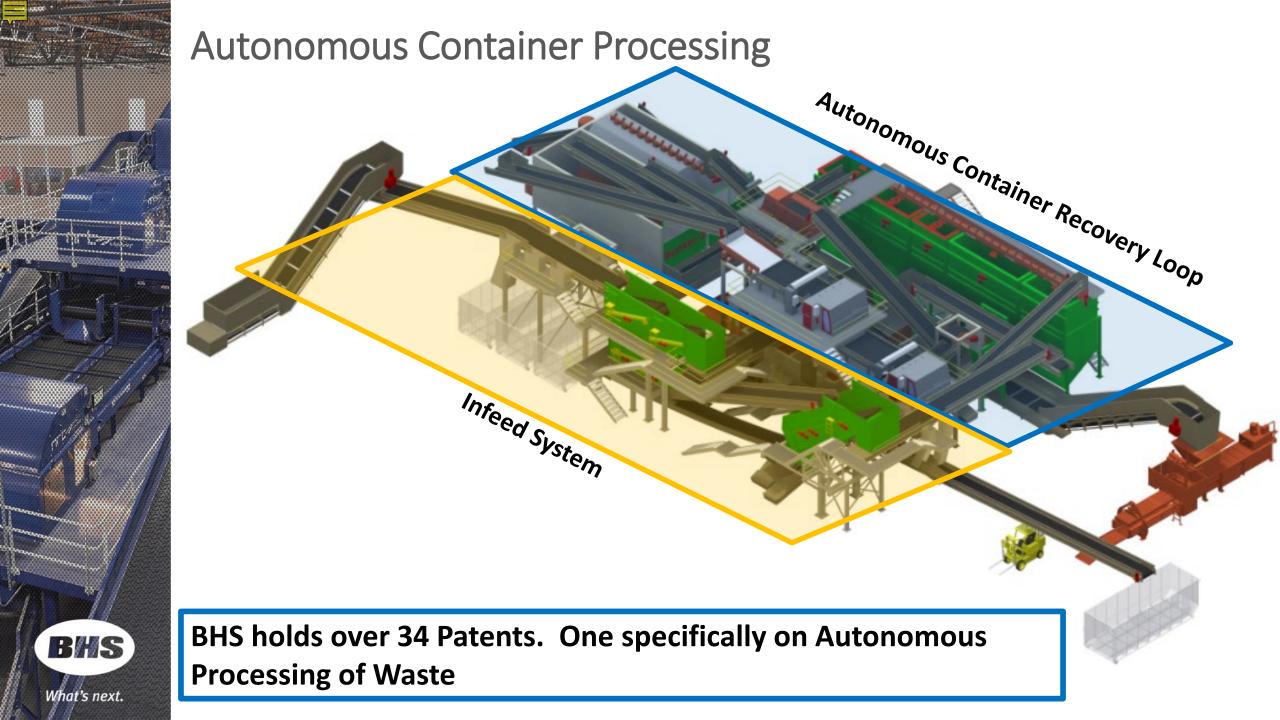














Community Recovery System

- Processing capacity: 10 tor 20 tons/hour single stream curbside materials
- > Recovery rate: >97%
- Commodity Purity: >95% (exceeds ISRI grade specifications)
- Commodities produced:
 - OCC
 - Mixed Fiber
 - Full range of Plastic grades
 - Metals
- > Real time material composition, reporting, and data analytics
- > 15k sq ft processing area; lower construction cost
- > Fully installed MRF under \$10M

