

“The Path Ahead”



HALL COUNTY

G E O R G I A

*We have it **all** in Hall*

What We'll Cover Today

- A little bit of History
- Business Case Evaluation
- Partnerships
- Plans for the Future
- Conclusion

A little bit of History



Hall County Resource Recovery Division



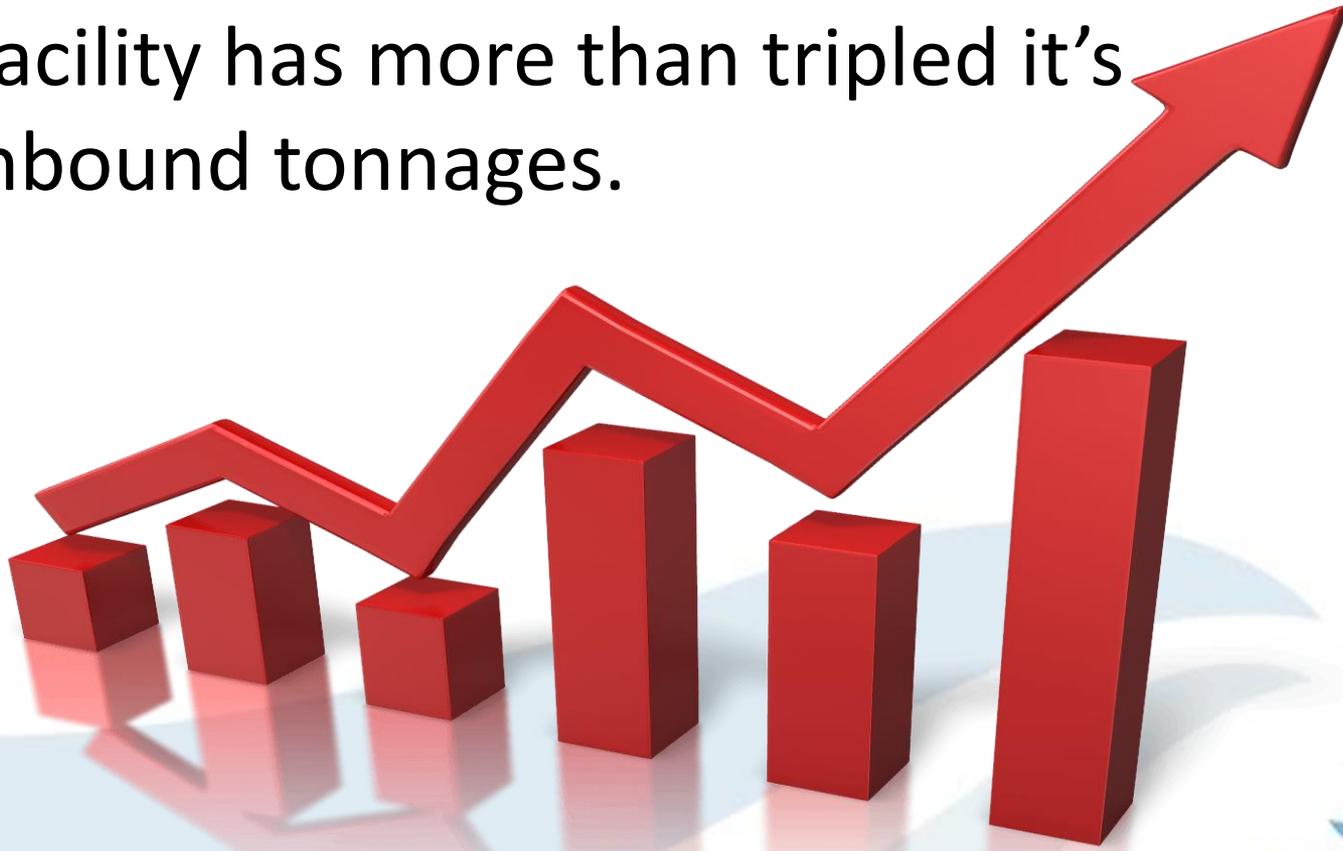
A little bit of History

Hall County Resource Recovery has been in operation since 1992 and is located in Gainesville, Ga. The building was once used as a film developing company and was acquired by Hall County for the use as a recycling facility. The facility was retrofitted with sort bays and a horizontal baler in 1996 and was put in operation with the sole focus of increasing solid waste reduction through the means of recycling.



A little bit of History

Since 2012 the Hall County Recycling Facility has more than tripled its inbound tonnages.



A little bit of History

- In 2012 the Recycling Center made some significant changes in the way it gathered recyclables causing an immediate increase in recyclables.
- In 2014 a new double ram baler was installed to help ease the facility's growth demands and in the same year the idea to consider building a new Materials Recovery Facility was entertained.



A little bit of History

- In 2015 the “OCC Buy Back” program was put into place.
- In 2016 an internal waste composition study was performed on possible new single stream customers and Hall County’s own compactor waste to determine potential revenue growth and landfill diversion possibilities.

Business Case Evaluation



Business Case Evaluation

- In 2017 CDM Smith Engineering Firm was chosen to evaluate the current operations and determine if a new facility would be feasible based on vendor interviews and 2016's Waste Composition Study results.
- Based on the results of vendor interviews and current growth of the facility's tonnage, it was determined that a 25 TPH, 85,000 Sq. Ft. facility would be needed to accommodate further growth.

Business Case Evaluation

- The study results concluded that up to 45% of compactor waste could be diverted from the Landfill, saving potential air space and adding up to 7 years of life to the current landfill location.
- Based on potential increased revenues to the new facility, the facility could pay itself off in 8-10 years.



What else could be
causing
all this growth?





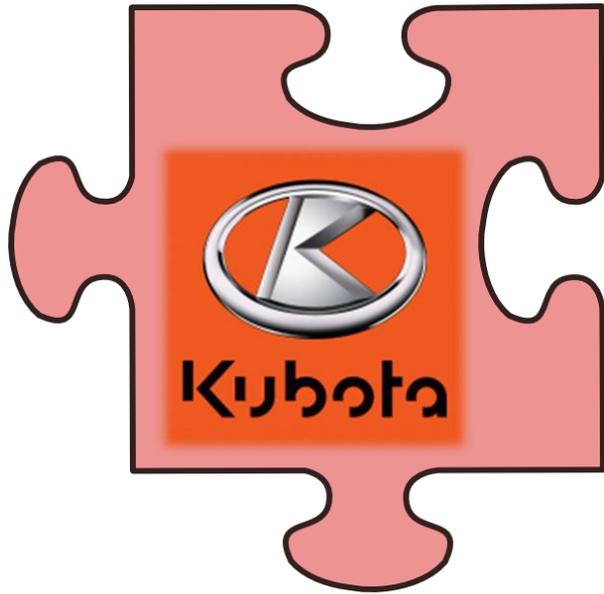
PARTNER

SHiPS



HALL COUNTY
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Partnerships



Kubota, the Japanese manufacturer of small tractors, lawn mowers, and other equipment, has been a lead environmental stewardship company for many years and continues to support the future of the earth and humanity as stated in their mission statement.

Kubota employs around 1500 employees in Hall County and has led the charge in collecting their industry recyclables.



Partnerships



Southern Waste and Recycling, a waste and recycling services management company, believes that sustaining the environment is no longer just “a feel good” effort. In an effort to achieve the company’s environmental stewardship goals, this company builds alliances with other companies who share common environmental goals.

Partnerships



Wilheit Packaging is at the forefront of sustainability initiatives pushing sustainable packaging. They use a process called “cradle-to-grave” for some of the biggest customers of packaged materials in the state of GA. They work together with Southern Waste and Recycling to provide logistics support and experience.

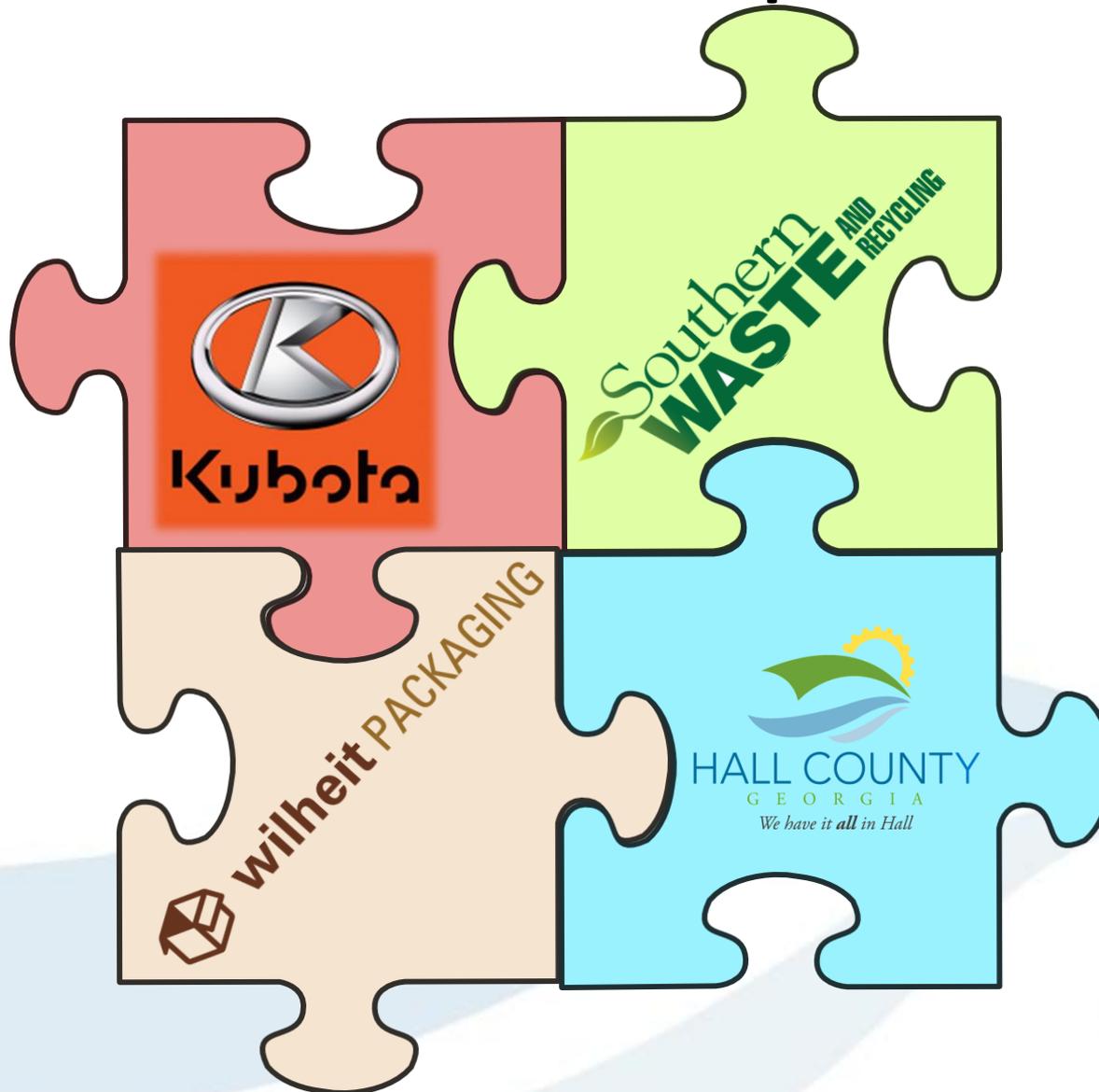
Partnerships



Hall County Resource Recovery, also known as The Recycling Center, takes in material delivered by Wilheit Packaging and processes it. The sorting and baling of the product happens here along with reintegrating the product back into the recycling world.

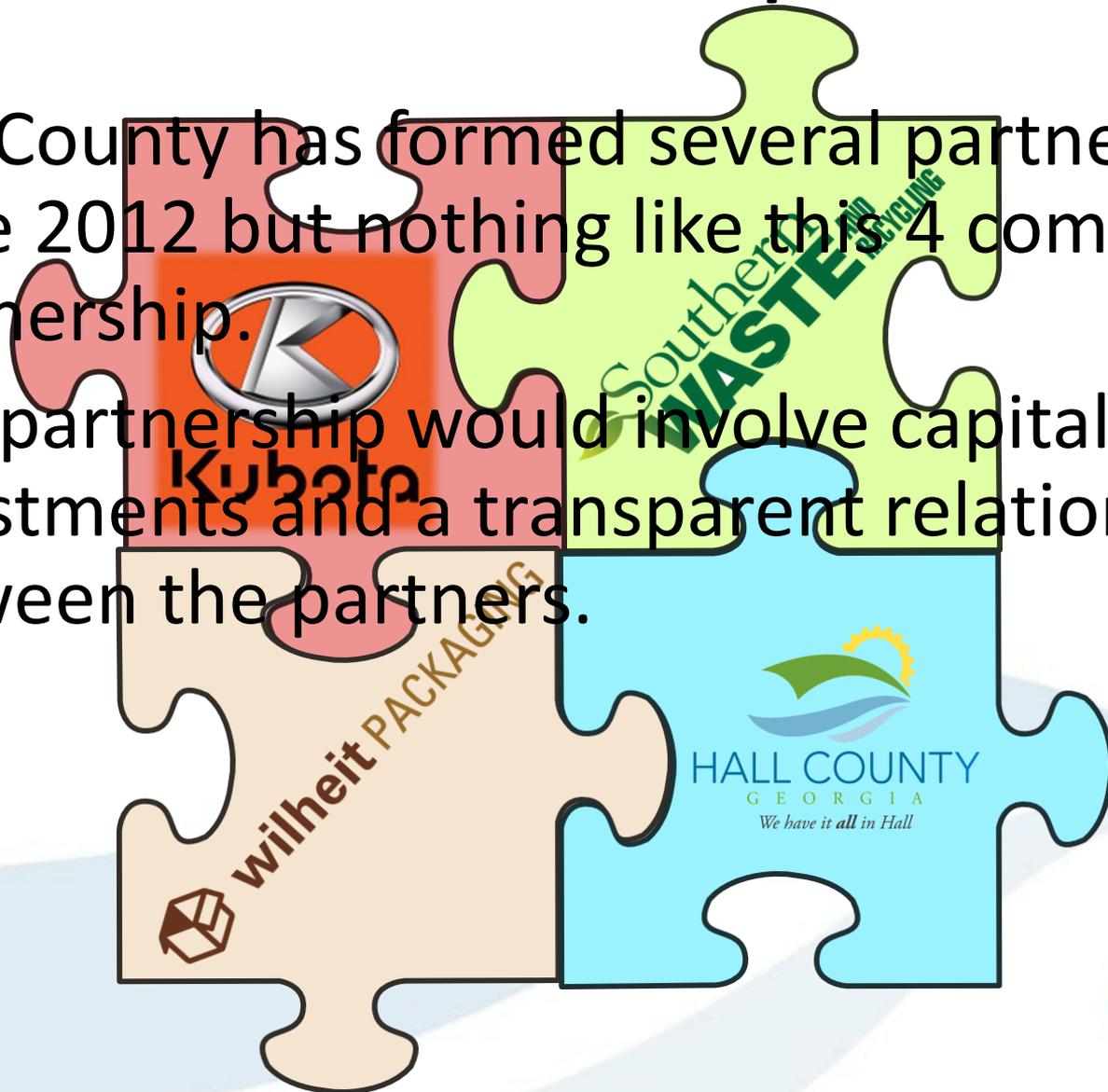


Partnerships



Partnerships

- Hall County has formed several partnerships since 2012 but nothing like this 4 company partnership.
- This partnership would involve capital investments and a transparent relationship between the partners.



Partnerships



- With every new venture comes more growing pains. “SPACE” became an issue.

Partnerships



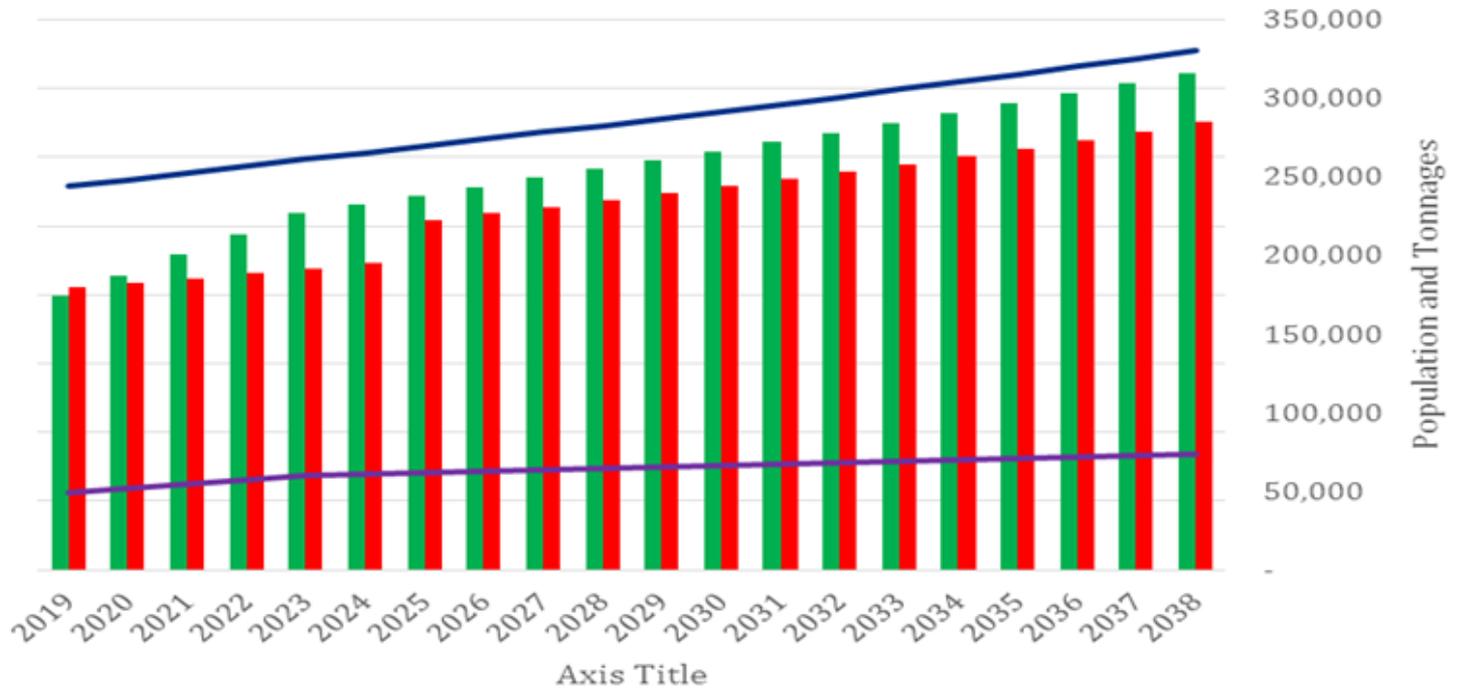
- Or the lack of “SPACE”

Partnerships

- The Recycling Center needed to be able to process the incoming material at a higher rate of speed without a large capital investment.
- Only a few modifications were made to the incoming baskets and a new cascade forklift was acquired.
- Since undertaking this partnership over **1700** tons of material has been diverted from the landfill in just 9 months.

Growth Projections

MRF with Enhanced Automation: Population, Incoming MRF Tonnages, Total Revenues, and Expenditures



■ Total Revenues
 ■ Total Expenditures
 — Population
 — Incoming MRF Tonnage



Plans for the



New Material Recovery Facility



New Material Recovery Facility



New Material Recovery Facility



Office and Learning Center

New Material Recovery Facility



HALL COUNTY
GEORGIA

New Material Recovery Facility



CONCLUSION

Look what happens when you work together. Hall County and its partners have made great strides to offer not only residential solutions but sound business solutions for industry waste. This is just one of the many partnerships the county has been involved in within the past few years and we look forward to many more. The new Material Recovery Facility will provide excellent service along with quality sellable commodities for years to come.

