

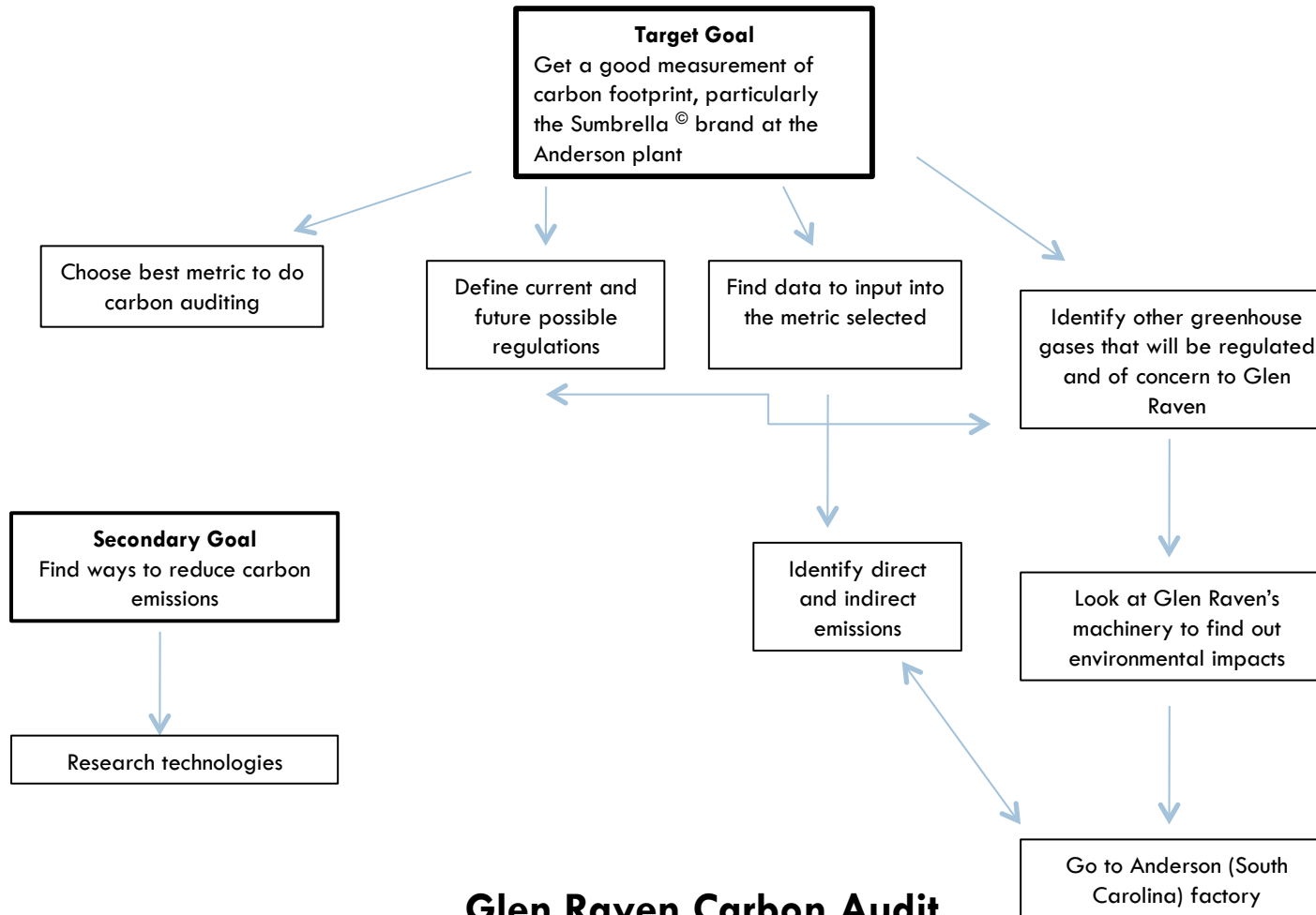


GLEN RAVEN INC. - CARBON AUDIT

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Goals



Glen Raven Carbon Audit
Initial Conceptual Model – 9/22/10

Glen Raven Inc.



- Textile company

- Sunbrella division (specialty fabrics)



- Anderson Plant in South Carolina (1 million square feet)



Purpose of the Audit



Future Regulations

- Clean Smokestacks Act 2005
 - Seeks to reduce Nox and SOx emissions from industrial sources
- California State Assembly Bill 32 – Global Warming Solutions Act 2006
 - Proposes a plan to start in 2011 and reduce state wide GHG emissions by 2020
 - Most comprehensive GHG reduction plan in the United States
- Marketability

What is a Carbon Audit?



A carbon audit regime is a means of accounting for quantifiable greenhouse gasses in the production of a product.

How the Audit was completed



- Clean Air Cool Planet Campus Carbon Calculator



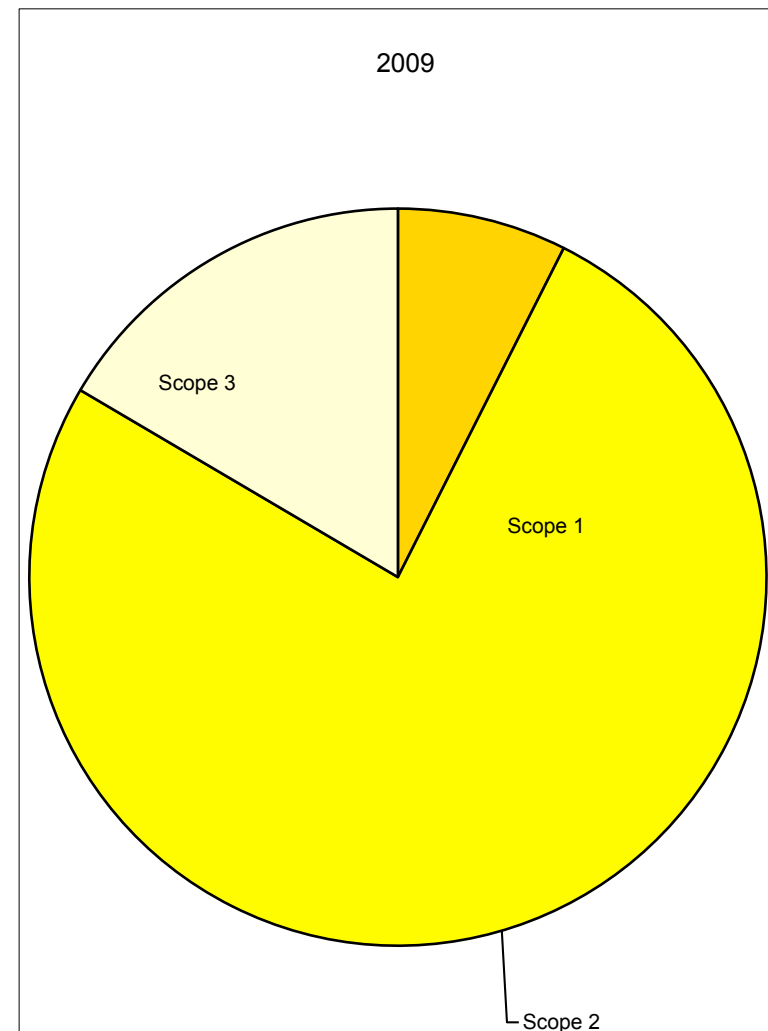
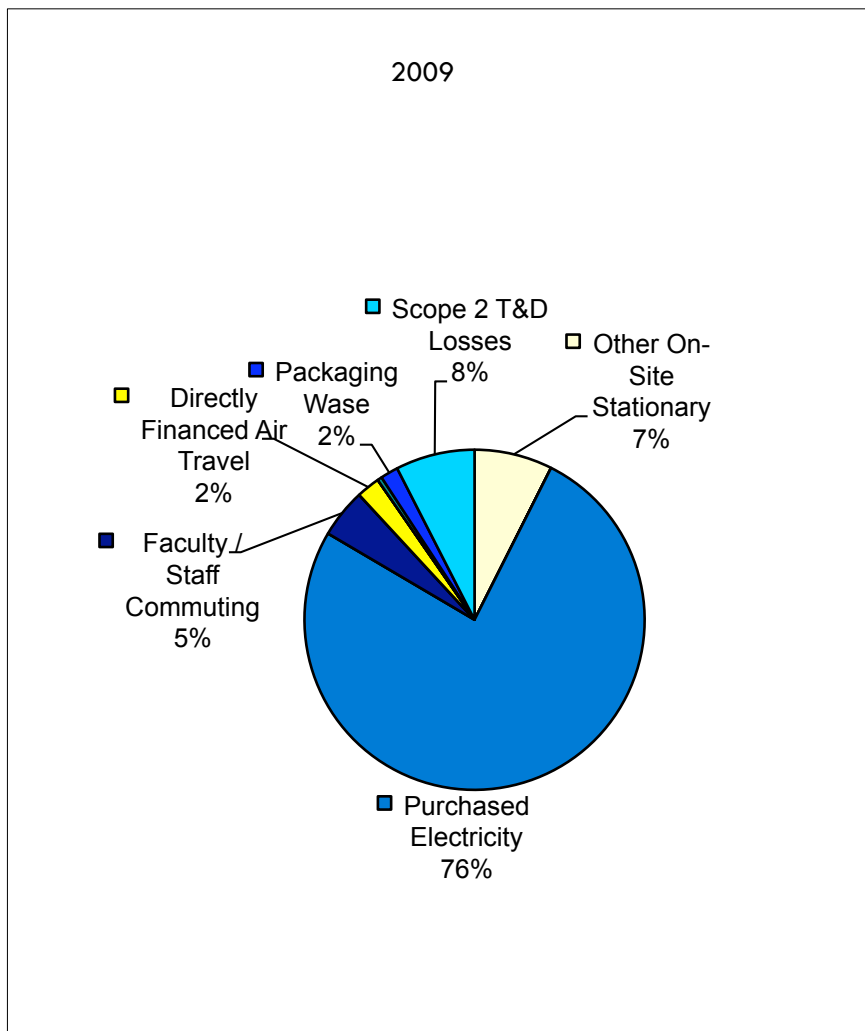
- Help of John Gant and other employees within the company

Results

- 5.8 kg CO₂ e er kg of fabric
- 40,700 metric tons CO₂ e



Results (cont'd)



Implications



- Mandatory Greenhouse Gas Reporting Rule
 - 25,000 metric tons eCO₂

- Clean Air Act
 - New Source Performance Standards (NSPS)

Implications (cont'd)



□ Proposed Legislation

Bill Name (Year)	Ten Year Reduction	Twenty Year Reduction
Sanders-Boxer (2007)	42%	63%
Kerry-Snowe (2007)	42%	61%
McCain-Lieberman (2007)	39%	59%
Lieberman-Warner (2008)	21.5%	69.5%

Options for Glen Raven



- Marketability
- Technologies and Business Practices
 - Small changes in daily operations
 - Landscaping efficiency
 - Energy efficiency
- 3rd party certification
 - Carbon trust



Acknowledgements/Questions

