



# Supply Chain Management:

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## **The Carbon and Food Safety Perspective**

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# Company Overview

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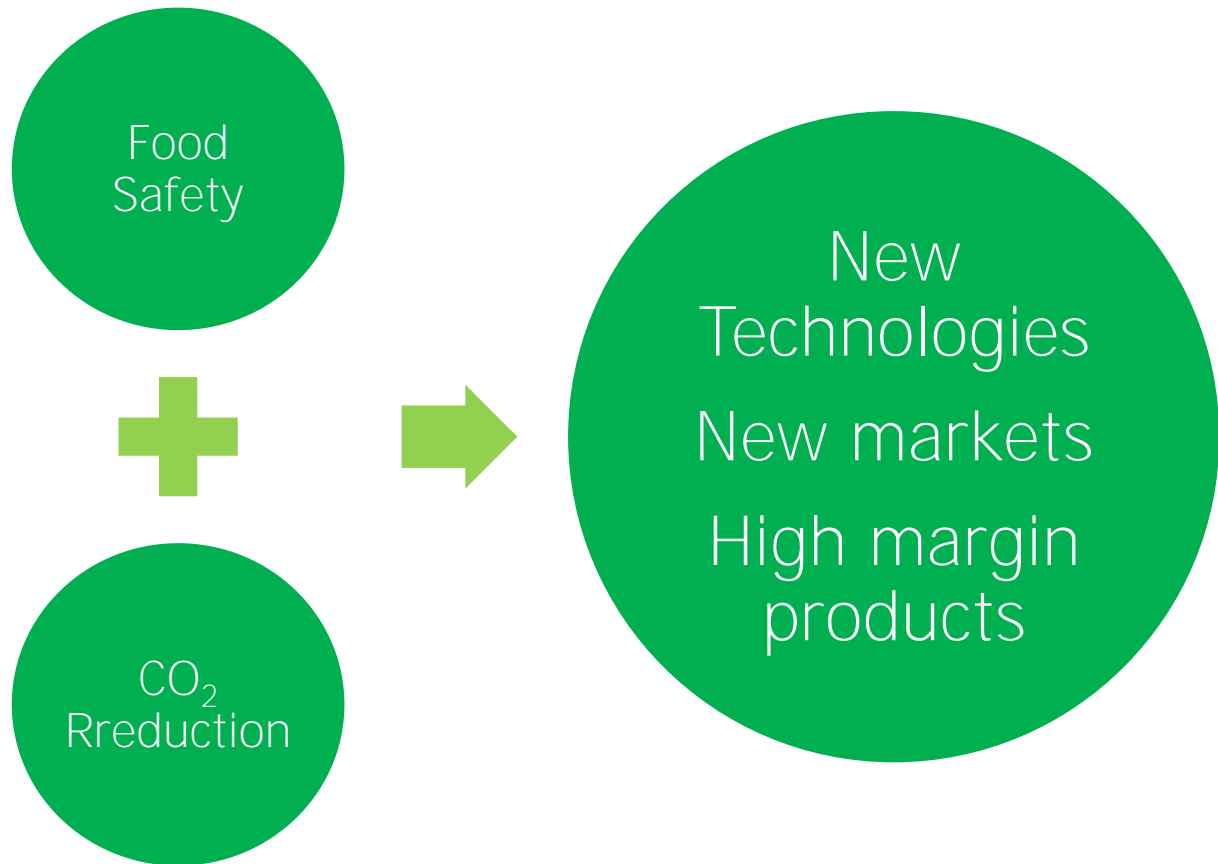


- GIC Group focuses on providing agribusinesses, government agencies, industry associations, and investors with:
  - Market and policy analysis
  - Financial and investment advisory services
  - Food Safety: Global Food Safety Forum
  - Food Security: USG External Investment Advisory Services
  - Carbon monetization strategies



# New Business Model

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# Risk Analysis and Control

- Assessment
- Management
- Communication





## Product Integrity in the Global Supply Chain

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- Carbon Monetization Strategies:
  - Reduction strategies and practices
  - Energy savings
  - CPC (commodity plus carbon): a new risk minimization trading vehicle





# New Business Model

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- Good agricultural practices/sustainable agriculture include carbon and GHG reduction strategies
- Reducing carbon footprints and improving food safety in the supply chain create value in quality product and brand identification.
  - Truvia sweetener worked with the UK-based Carbon Trust to certify its carbon footprint and verify its waste and water footprints throughout its supply chain.



# New Food Safety Management Techniques

- Food Safety Objectives (FSO)
  - Standards: ISO/ HACCP/Codex Alimentarius
  - Tracing
  - Certification
  - Corporate risk minimization/ info sharing





# Two Lane Highway to Growth

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PRODUCTION

- Carbon reductions: fertilizer, water access, sequestration, methane capture, post harvest loss reduction technologies
- Good agricultural practices: achieve carbon & GHG reductions

PROCESSING

- Energy saving packaging, labeling, tracing and certification systems
- Biodegradable packaging materials to enhance quality and narrow the carbon footprint.

TRANSPORTATION

- Logistics management efficiencies to reduce inventories, transportation and storage costs.



## Market Expansion and Growth





# Q & A

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