

30th

IECA Annual Canadian Conference

June 4-7, 2023 • Calgary, Alberta

CALGARY MARRIOTT DOWNTOWN



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**Green Impact
Partners**

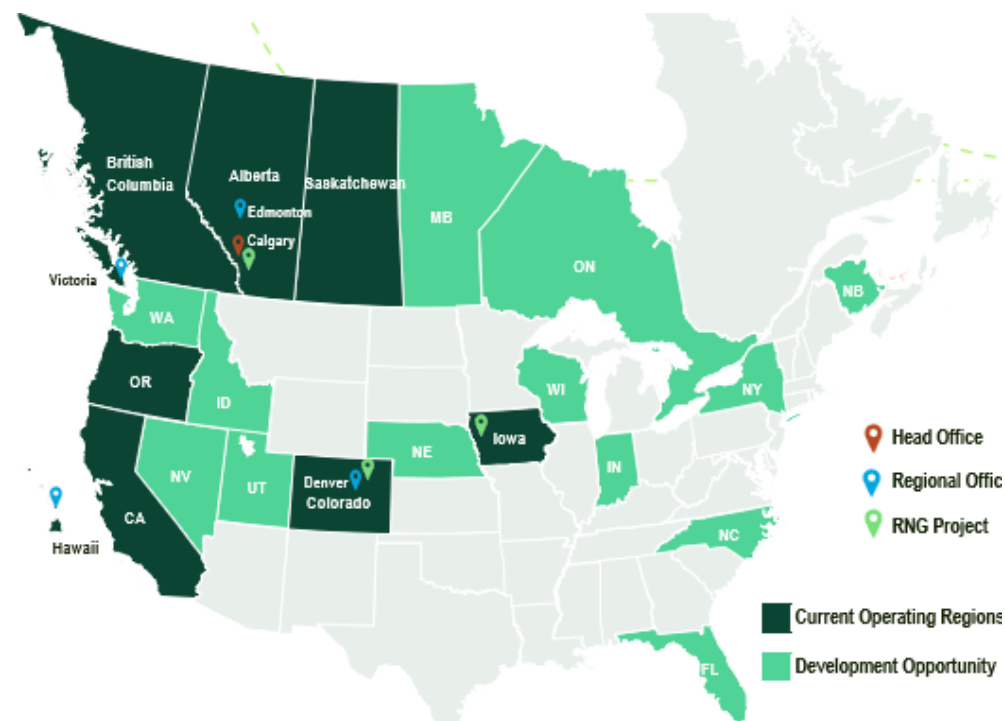
Introduction to Renewable Natural Gas
Rhonda Stanley

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About Green Impact Partners

Green Impact Partners (“GIP”) intends to create a sustainable and inclusive planet, through the development of some of the world’s cleanest energy, with a near term focus on developing renewable natural gas (“RNG”) projects throughout North America

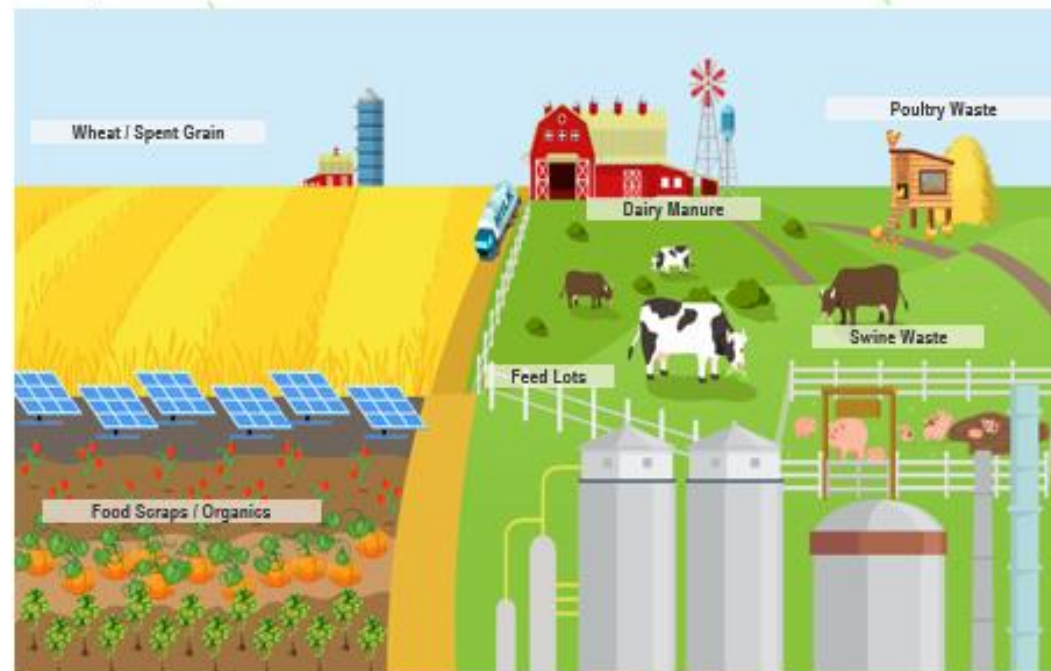
- Focused on net zero earth impact energy to facilitate growing global demand while reducing the current environmental impact of today’s society
- Offer project developers the unique opportunity to partner in the development of a biofuels project at any or all the project lifecycle stages
- Developing and attracting the best people
- Each stakeholder has different needs and desires – GIP is committed to truly understanding our stakeholders and our communities



RNG: The Most Impactful and Important Clean Energy Source Available Today

- RNG is processed methane produced from renewable, natural sources such as manure, food waste and gasified biomass
- RNG is interchangeable with conventional natural gas, but with a positive effect on the planet (capturing methane) vs. fracking/drilling
- Current production is primarily via anaerobic digestion from landfills, dairy farms (manure), and wastewater treatment facilities
- GIP projects focus on farm-based feedstocks – manure & wheat waste (damaged crops) – for RNG production

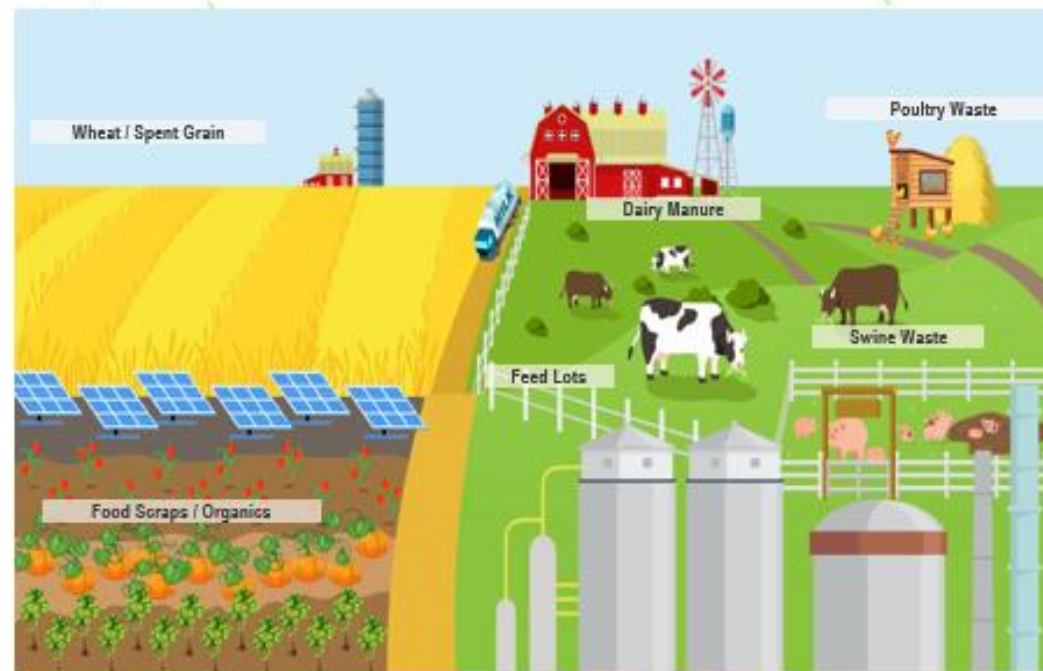
Examples of RNG Feedstock



What is Carbon Intensity (CI)?

- Measurement of carbon dioxide escaping into the atmosphere, relative to the energy intensity of a specific activity
- Typical RNG project has a negative CI score – indicating that through the entire life cycle of the project, more emissions are removed than released

Examples of RNG Feedstock



Industry Risk Mitigation

- Long term feedstock agreements
 - Including rolling extensions options
- Open book, fixed priced, performance guarantee EPC contracts
 - Construction begins after executing major contracts (feedstock, offtake)
- Technology agnostic with minimum TRL 9 rating requirements (used in multiple commercial processes globally), with the ability to fully wrap the performance of the technology
 - Specifically matched to the feedstock to operate at designed capacity
- Long term offtake agreements
 - Balancing corporate portfolio of fixed vs. merchant pricing
- Conservative Financial Reporting
 - Increased disclosure throughout reporting documents

Operation Business Model



- RNG produced at a facility is sold through long-term offtake contracts with utility companies
- Contracts can either be fixed-price, merchant, or a mix of both – a guaranteed price is considered less risky, at the cost of potential upside
- GIP is expecting 70% of EBITDA to be generated from fixed price contracts

- Carbon credit markets have grown rapidly as the appetite for renewable energy has increased due to stakeholder demands for climate action and regulatory incentives
- Common credit programs include:
 - Low Carbon Fuel Standards (“LCFS”)
 - Renewable Fuel Standards (“RFS”) which generate Renewable Identification Numbers (“RINs”) – the two most common RINs are:
 - D3 – cellulosic sources
 - D5 – carbonaceous feed material

