



# Organic waste management - turning liabilities into assets

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# NorthEast Biogas - corporate background



*NorthEast Biogas works with organic waste producers to profitably generate renewable energy, to capture the value of greenhouse gas emission reductions, mitigate environmental risks, create new revenue streams, and reduce waste management costs*

- **Experienced team with expertise in agricultural, food process, and waste water treatment solutions**
- **Turnkey developer of project based solutions**

***“Turning organic liabilities into revenue generating assets”***

# Mitigation: Preliminary Financial Evaluation



## **Start with the basics:**

- **Prioritize portfolio based upon client goals**
- **Evaluate feedstock supply of organic substrates?**
- **Determine technology options and best use of biogas?**
- **Evaluate environmental attributes and supporting market**
- **Evaluate eligible incentives which are available and apply?**
- **Determine project economics**
- **Prioritize and recommend client options**

***NorthEast Biogas utilizes a diverse network of investors, lenders, and suppliers.***

# Mitigation and Monetization: Joint Development



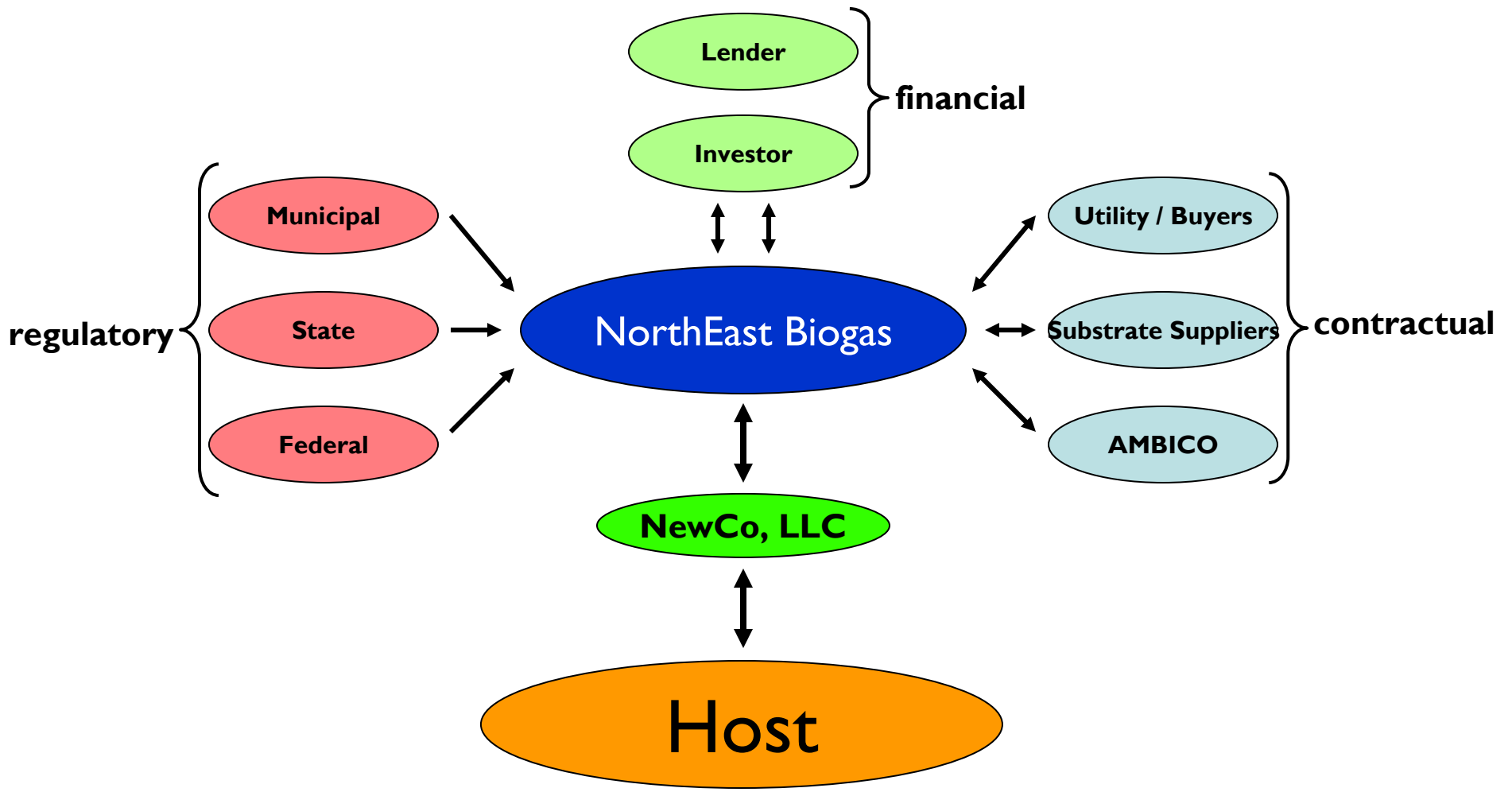
Development is a collaborative effort coordinated and led by NorthEast Biogas.

- **Host**
  - **Financial interest and/or participation**
  - **Waste supply agreement**
  - **Land use agreement**
- **NorthEast Biogas**
  - **Permitting and regulatory issues**
  - **Contractual development and negotiation**
  - **Financial structuring**
  - **Engineering, procurement, construction**
  - **Operations and management plan**
- **Third Parties**
  - **Power purchase agreements, Incentive approval**
  - **Carbon contracts**
  - **Tipping fees, thermal energy**

For acceptable economic returns, a Project will demonstrate:

- **Municipality and state regulatory support**
- **Low credit risk**
- **Positive return on investment**

# Mitigation and Monetization: Key Parties



NorthEast Biogas, LLC

# Implementation: Benefits and Costs



	<b><u>Benefits</u></b>	
Host	<ul style="list-style-type: none"> <li>• Increased operating capacity</li> <li>• Savings on waste water treatment or tipping</li> <li>• New revenues – sale of environmental attributes</li> </ul>	
Government	<ul style="list-style-type: none"> <li>• Progress towards environmental goals</li> <li>• Economic development</li> </ul>	
Customers	<ul style="list-style-type: none"> <li>• Maintain or increase market share (WMart “Common Future”)</li> <li>• Renewable energy – cost reduction and marketing opportunity</li> <li>• Organic waste management</li> </ul>	
Northeast Biogas	<ul style="list-style-type: none"> <li>• System-based fees</li> <li>• Performance-based upside potential</li> </ul>	
Investor	<ul style="list-style-type: none"> <li>• Return on investment</li> <li>• Tax credit and depreciation shield</li> </ul>	
Lender	<ul style="list-style-type: none"> <li>• Interest payments</li> </ul>	