# Request for Information

# Municipalities

## **Overview**

Bioenergy DevCo (BDC) is a global developer of anaerobic digestion facilities that naturally turn organic waste, that would otherwise be headed for already crowded landfills or incineration, into truly renewable natural gas (RNG). As the first company to take this innovation to commercial scale in the United States, BDC finances, builds and operates these facilities working together with municipalities facing challenges with managing the ever-rising costs of organic waste disposal. Using anaerobic digestion, a city or county can cost-effectively manage their waste disposal while achieving sustainability objectives and generating a consistent supply of carbon-negative energy.

## **Instructions**

This Request for Information serves as a living document that allows our team to clearly understand the requirements surrounding each prospective project. Not all questions within this RFI may be relevant for your submission, nor is this document considered an exhaustive list of necessary information. The details you do provide help bring the project to life and help determine how we can create a mutually beneficial project within your community. Please be as thorough and descriptive as possible and add content as necessary.

Bioenergy DevCo invites you to submit a response to this Request for Information (“RFI”) independently or in conjunction with your local energy provider or utility. BDC is performing competitive site selection processes for waste-to-energy anaerobic digestors in North America. The RFI may contain multiple real estate sites in more than one jurisdiction and may be submitted with additional information provided by natural gas utilities or power providers.

Collaborating with Bioenergy DevCo is an investment in the long-term health and sustainability of your community. For municipalities across the United States looking to tackle zero waste targets and increase clean energy production, this worksheet serves as a comprehensive guide designed to facilitate future collaboration with BDC, aggregating information necessary to shepherd a possible economic development investment and a future local project from inception to construction.

Completed forms and any questions regarding the information or items requested in this document can be submitted to **info@bioenergydevco.com**

## **I. COntact Information**

Please provide your contact information below and list any additional partners that you’re collaborating with for this application (e.g. utilities, government agencies or departments, other corporate stakeholders, etc.) if applicable.

|  |  |
| --- | --- |
| First Name |       |
| Last Name |       |
| Job Title |       |
| Email |       |
| Phone Number |       |
| Office Address |       |
| Metropolitan Area / County / Township |       |
| State / Territory / Locality |       |
| Lead Organization / Entity / Agency / Government Department Applying  |       |

## **II. Proposed Site: LocatioN Information**

Please provide recommended site information below. Note: For any additional sites, please fill out a separate version of this document.

|  |  |
| --- | --- |
| Address or Location Description |       |
| Property Owner |       |
| Total Land Available (Acres) |       |
| Estimated Usable Land (Acres) |       |

Please describe the possible financial structure surrounding land use to the best of your ability (e.g. purchase, lease, option terms).

|  |
| --- |
|       |

Please describe the permitting process and any associated challenges surrounding the potential site. For projects of this scale, typical permits include air, odor, noise, wastewater, waste processing, construction, and zoning. Also include a timetable for incentive approvals at the state/province and local levels, including any legislative approvals that may be required.

|  |
| --- |
|       |

Are there any site accessibility challenges? (e.g. improvements needed to highways, ports, railways, etc.).

|  |
| --- |
|       |

Please describe the utilities located on or near the site (e.g. water, sewer, electrical, natural gas, fiber optic/telephone, rail/rail siding infrastructure).

|  |
| --- |
|       |

Please list any possible uses for the anaerobic digestion byproduct digestate – an organic soil amendment similar to compost (but odorless) that can be applied to soil to replenish nutrients for growing crops, landscaping, etc.

|  |
| --- |
|       |

## **III. Feedstock / Waste**

Please provide a description of possible waste suppliers, i.e. large organizations creating several thousand tons of materials per year.

|  |  |
| --- | --- |
| Name of Organization, Type of Waste, and Estimated Quantity |       |
| Name of Organization, Type of Waste, and Estimated Quantity |       |
| Name of Organization, Type of Waste, and Estimated Quantity |       |
| Name of Organization, Type of Waste, and Estimated Quantity |       |
| Name of Organization, Type of Waste, and Estimated Quantity |       |
| Name of Organization, Type of Waste, and Estimated Quantity |       |

|  |  |
| --- | --- |
| Notes |       |

## **IV. Disposal Methods/ landfill**

Please provide a description of your organic waste disposal method(s) including gate fees and landfill costs, additional use cases (e.g. land application), and associated challenges or concerns. Please list any operational inefficiencies you may be experiencing.

|  |  |
| --- | --- |
| Disposal Costs (Includes tipping fees) |       |
| Use Cases |       |
| Challenges(i.e. accepted contamination) |       |

Please provide landfill information.

|  |  |
| --- | --- |
| Landfill Location |       |
| Estimated Lifetime |       |
| Estimated Organic Capacity |       |

|  |  |
| --- | --- |
| Notes |       |

## **V. Waste TRANSPORTATIOn/local Haulers**

Please provide a description of your transportation logistics to the best of your ability, including transportation costs, container descriptions, compactors, lagoons, etc.

|  |  |
| --- | --- |
| Transportation Costs |       |
| Container Descriptions |       |
| Compactors |       |

Please list out the names of local haulers, particularly those focused on organics.

|  |  |
| --- | --- |
| Local Haulers |       |

|  |  |
| --- | --- |
| Notes |       |

## **VI. Energy Use / Utilities**

Please list the names and contacts of the energy and utility companies in your area.

|  |  |
| --- | --- |
| Energy / Utility Company Name |       |
| Energy / Utility Company Name |       |
| Energy / Utility Company Name |       |
| Energy / Utility Company Name |       |

Please provide a description of your energy consumption including electricity, renewable natural gas usages, propane, and thermal / boiler use.

|  |  |
| --- | --- |
| Electricity |       |
| Renewable Natural Gas Usage |       |
| Propane |       |
| Thermal / Boiler |       |

|  |  |
| --- | --- |
| Notes |       |

## **VII. Financial Incentives**

Please provide details on possible financial incentives offered by the state or local community. Financial incentives could include carbon credits, RECs, RINs, LCFS, as well as local, state, and federal grants. In this summary, please provide a description of each incentive item, including information around timing associated with incentive payment/realization and whether or not incentives are uncertain or not guaranteed.

|  |  |
| --- | --- |
| Carbon Credits |       |
| RECs |       |
| RINs |       |
| LCFS |       |

Please include information on other potential local, state, and federal grants, as well as any ancillary revenues (e.g. gas storage, peaker plants, etc.).

|  |
| --- |
|       |

Please include possible economic development incentives (e.g. bonds, opportunity zones, enterprise zones, EDA match).

|  |
| --- |
|       |

|  |  |
| --- | --- |
| Notes |       |

## **VIII. OTHER**

Is there anything else you would like to share?

|  |  |
| --- | --- |
| Notes |       |

## **Conclusion**

Thank you for completing this initial request for information. Bioenergy DevCo welcomes the opportunity to work with municipalities, cities, and counties in meeting the challenges of waste management and local renewable energy generation. Join us in leveraging the benefits utility-scale anaerobic digestion discovering the economic development advantages of truly renewable natural gas and sustainable waste processing!