



COMPANY INFORMATION

Date:

Company:	LF Bioenergy		
Phone:	970-702-6095	Web Site:	www.lfbioenergy.com
Address:	2950 N. Harwood St, Ste 2200	City:	Dallas
State:	TX	Zip Code:	75201

BUSINESS CONTACT

TECHNICAL CONTACT

Name:	Cyn French	Name:	Lee Laviolette
Phone:	970-702-6095	Phone:	713-409-3634
Email:	cyn@lfbioenergy.com	Email:	lee@lfbioenergy.com
Address:	2950 N. Harwood St, Ste 2200	Address:	2950 N. Harwood St, Ste 2200
City:	Dallas	City:	Dallas
State:	TX	State:	TX
Zip Code:	75201	Zip Code:	75201

BUSINESS HISTORY

How long have you been in business? 2 years

Are you part of a larger company? Yes No

Did you exist as another company before this company was formed? Yes No If so, what was that company's name?

Number of employees? 12

What is your business structure? LLC

Describe your business service(s). For example: consulting, project development, EPC services, finance, other.

Turnkey Project development including direct long term asset operations

Describe your area or region of operation.

US / Canada

Does your company hold any patents or the rights to any patents? Yes No If yes, please describe.

Do you manufacture equipment? Yes No If yes, please describe.

No. We vet out equipment manufacturers. Before considering use of a particular manufacturer or technology we do due diligence which includes but no limited to: design and manufacturing standards from supplier, site reference visits, “financeability” of solution (solution needs to be commercially ready.....not at a pilot/proof of concept stage), manufacturer balance sheet, service and support of technology, etc.

Do you integrate equipment manufactured by others? Yes No

If you integrate, please list the names of the preferred companies you represent.

We are technology agnostic and prefer to apply the right solution for each project.

How do you answer potential customer's questions about financial strength of your company?

We are private equity backed company. Our private equity has a dedicated sustainability fund with more than \$800M available for capital investments. LF Bioenergy is our financial partner’s dedicated RNG portfolio company.

Do you offer technical/service support? Yes No *If so, what methods?*

LF Bioenergy is a Design, Build, Own and Operate model.

Do you offer design services? Yes No *If yes, please describe.*

LF Bioenergy is a Design, Build, Own and Operate model meaning we design the complete project

Do you offer financing? Yes No *If so, what terms?*

LF Bioenergy finances the complete project including in minor modifications to the farms operations to capture the manure (such as additional sand lanes, etc).

Are you a full stop shop? Design to construction to operate? Yes No *If so, please describe.*

LF Bioenergy is a Design, Build, Own and Operate model.

Do you have preferred partners? Yes No *If so, please list and provide contact information/identify partners by name.*

We do have partners that have adopted our design standards. We are partner agnostic.

Environmental Benefits - Does your project provide environmental benefits to the farm? Yes No *If so, please describe. For example: GHG emissions reduction, controlling farm odors and phosphorus and nitrogen loads.*

Our projects provide a reduction of GHG by reducing methane emissions, odor improvement is a benefit by making the manure inorganic post AD processing, per farm site requirements we look at the complete mass balance and long term health of the farm - this includes nutrient management and understanding the costs farmers incur to run their operation. If at all possible, we position the RNG project to enhance as many aspects of the farm operation as a return on investment allows. Our philosophy is LF Bioenergy wants to produce RNG for 15 to 20 years or longer, anything we can do to enhance the operational and financial wellbeing of our partners helps realize that goal.

Do you have experience monetizing environmental attributes from your projects? Yes No *If so, please describe. For example: carbon offset credits, renewable energy certificates (RECs), renewable identification numbers (RINs) and Low Carbon Fuel Standard (LCFS) credits.*

Our private equity financial partner has set up a trading desk staffed with a team that have been monetizing environmental attributes since they existed.

Economic Benefits - Does your business model provide economic benefits to the farm? Yes No *If so, please describe. For example: added revenue and cost reductions from the digester operation and manure management costs to help financially sustain the farm.*

We work to align with the farms priorities and interest. Our preferred approach is a profit share partnership, providing increasing levels of gross profit share. We provide transparency through our partner portal and annual audit rights.

Do you underwrite and secure feedstock supply agreements? Yes No *If so, please describe. For example: contractual agreements to for the supply of manure, food waste and other organic substrates.*

Yes. We request long term feedstock agreement or manure supply agreement (for satellite farms hauling manure to RNG production facility).

Do you secure offtake agreements? Yes No *If so, please describe. For example: agreements for purchase power, biogas, RNG, waste heat.*

Yes enter into short and long term offtake agreements depending on the project. Our financial partner also have the own RNG credit trading capability. Through our trading desk we will be able to execute more complex trading instruments seeking to maximize revenue generation and de-risk market pricing exposure

Do you evaluate potential markets for post-digester materials? Yes No *If so, please describe the materials and markets. guaranteeing? For example: manure fiber for soil amendment, manure fiber for products, recovered phosphors and nitrogen as fertilizer.*

We do evaluate post digester materials. For our projects in current construction, all farmer partners have requested the digestate back in its post digester form. However we have development projects in different regions of the country where we are actively working with the farmer at reviewing economics of use as fiber for soil amendment and/or nutrient recovery for fertilizer.

Do you have experience with USDA's financing options for farmers? Yes No *If so, please describe. For example: NRC's EQIP program loans and grants.*

Do you have experience with large and small farm projects or community projects? Yes No *If so, please describe.*

We have experience developing large, small and community farm projects. We are actively developing projects that fit all 3 types.

Do you have a standardized deal structure? Yes No *If so, please describe.*

Yes. We approach each project with a preferred deal structure. However, each farmer partner may have their own ideas about level of involvement, risk profile etc that we are open to discussing.

Do you provide operation and maintenance for the projects you are involved in? Yes No *If so, do you have your own operations and maintenance team or is this contracted with a third party?*

We do not contract with a 3rd party. Our approach is to own the operations and maintenance of our facility, employ and train our own staff so that our safety culture, preventative/predictive maintenance model and constant optimization of the asset from a production and operating cost are continuously improved.

Do you provide a performance guarantee? Yes No *If so, what are you guaranteeing? For example: up time, methane production, biogas production, parasitic load, throughput, O&M cost, percent recovery, other.*

We do not provide a performance guarantee to our farmer partners other than a good alignment around profit share. We request performance guarantees from our vendors to de-risk technology performance as a best business practice.

Newtrient 9-Point Score Information

Do you currently have operational projects on at least three North American dairy farms? Yes No

Does your projects have a record of reliable performance for more than 12 months on at least three farms? Yes No

Do you currently have operational projects on at least 10 North American dairy farms? Yes No

What are the capital costs required by the dairy for participating in one of your projects? Do they have the option to participate? *Please clearly define what is and is not included, Ranges are acceptable.*

There is no requirement for capital on our projects. Yes, dairy farms have the option to participate.

What are the annual operating costs of a project to a dairy where it is installed? Please clearly define what is and is not included, Ranges are acceptable.

Operating costs vary widely depending on scope of project. We will say that LF Bioenergy is a safety first, operational excellence culture company with over 150 years of operating experience in refineries, power plants, gas plants, etc on our leadership team and 10 years RNG specific operating experience in our operations group. Our operational excellence philosophy means we do not cut corners on safety or maintenance of a facility at the expense of profit. Our goal is to be a good neighbor to our partners and keep our RNG project well maintained so there is value in the asset and it can operate long after contractual terms.

What value does one of your projects deliver to the farm? Please list identifiable economic, environmental, or community value (e.g. reduced cost, increased income, reduced odor, improved nutrient use, etc.).

Each project is unique. We make every effort to tailor the value of the project to our farmer partners needs. The most consistent value we bring is a profit share. Our preferred approach is around long-term profit share that enhances the sustainable symbiotic growth of both business. Additional value is created on a more bespoke approach after conversations with each farm about what their current and perceived future business challenges are. Part of those conversations are around finding cost savings (bedding, electricity generation and usage, manure management cost savings) and part of them are around finding additional revenue streams enabled by an RNG project (fertilizer revenue,

Do you feel an in-depth Technology Information Request is needed to help people understand this technology? Yes No

Newtrient has an extensive technical information request document that can be provided, it is based on the information requested for applications to the USDA NRCS EQIP program.

LF Bioenergy is a turnkey developer with intent on operating our facilities. We have engineering design, construction and operations experience on our team to evaluate technologies etc. Having said this, we spend a lot of time with farmer partners helping them understand the technologies we are deploying on their specific project. We feel transparency is a core value in this aspect. So LF Bioenergy supports dissemination of information on the technology and our development approach and also feel that it is up to our farmer partners to decide how much information or involvement they would like to have. We recommend enough information is essential for them to make a good informed business decision about who to partner with and the right symbiotic project scope to be placed along side their farm.