

COMPANY IN	IFORMATION			Date:	
Company:	Ductor Corp				
Phone:	+ 358 10 320 6560		Web Site:	www.ductor.com	
Address:	Viikinkaari 4		City:	Helsinki	
State:	Finland		Zip Code:	FI-00790	
BUSINESS CONTACT			TECHNICAL C	ONTACT	
Name:	Ari Ketola		Name:	Ilkka Virkajärvi	
Phone:	+358 10 320 6560		Phone:	+358 50 3655 910	
Email:	ari.ketola@ductor.com		Email:	Ilkka.virkajarvi@ductor.com	
Address:	Viikinkaari 4		Address:	Viikinkaari 4	
City:	Helsinki		City:	Helsinki	
State:	Finland		State:	Finland	
Zip Code:	FI-00790		Zip Code:	FI-00790	
BUSINESS HISTORY					
How long have you been in business? 8 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? 19					
What is you	r business structure?	Private company			
What types of insurance and or surety do you provide?					
Describe yo	ur business service(s).	For example: consulting, dev	elopment, engir	neering, equipment sales, finance, other.	
Technology, engineering, EPC company,					
Describe your area or region of operation.					
Global					
Does your company hold any patents or the rights to any patents? Yes ☑ No ☐ If yes, please describe.					
Several, and increasing					
Do you manufacture equipment? Yes $\square$ No $ oldsymbol{ oldsymbol{V}} $ If yes, please describe.					

Do you integrate equipment manufactured by others? Yes ☑ No ☐  If you integrate, please list the names of the companies you represent.				
Sourcing case by case from North America				
How do you answer potential customer's questions about financial strength of your company?				
we are well funded, solid with strong balance sheet. Using secure financial instruments for sales				
Do you offer technical/service support? Yes ☑ No ☐ If so, what methods?				
Help desk, site visits for Ductor biogas and AddOn plants and distant monitoring distant aid for local operations				
Do you offer design services? Yes ☑ No ☐ If yes, please describe.				
For Ductor biogas and AddOn plants				
Do you offer financing? Yes ☑ No ☐ If so, what terms?				
Negotiable				
Are you a full stop shop? Design to construction to operate? Yes ☑ No ☐ If so, please describe.				
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<b>Do you have preferred partners?</b> Yes <b>V</b> No <b>I</b> If so, please list and provide contact information/identify partners by name.				
ES Engineering				
Do you have any third-party verification/research that has been done on this technology? Yes  No  If so, please describe.				
Fraunhofer UMSICHT Institute, Germany				
<b>Do you provide a performance guarantee? Yes Mo If</b> so, what are you guaranteeing? For example: up time, methane production, biogas production, parasitic load, throughput, O&M cost, percent recovery, other. Please describe.				
Ammonia removal from organic substrates, biogas production				
Are there any other aspects of your business that you feel should be included in this document?				
INITIAL TECHNOLOGY OVERVIEW				
This information is to guide in the development of a more specific and detailed Technology Information Request.  Please answer the following questions for each Technology or Service Provided.				
What is the name of the technology or service you provide?				
Ductor ammonia removal process, Ductor biogas process, Ductor drying process				
What unit process is the technology used in?  For example: initial collection/transfer manure storage, energy recovery, primary/coarse solids recovery, advanced suspended/fine solids recovery, drying, struvite production, nitrification denitrification, ammonia stripping, algae, vermi composting, membrane filtration, evaporation, other.				
Substrate storage, substrate feed, Ductor fermentation, ammonia stripping, biogas fermentation, solid/liquid separation, drying				
Substrate storage, substrate feed, Ductor fermentation, ammonia stripping, biogas fermentation, solid/liquid separation, drying  How many systems have you installed on dairy farms or other livestock operations?				

Size of farm(s)?						
20 cows+ 20 heifers						
Location of farm(s)?						
Tuorla, Finland						
What's the smallest and largest farm using your system?						
Input material descript	ion and characteristics: For example: raw manure, digestate, screened digestate, suitable non-farm feedstocks, other.					
Cow slurry: chicken litter, 50:50 at the moment						
Does the technology tr	eat the full manure stream for a farm or a fraction of the stream?					
The full manure stream						
Do you consider this a	mature system or ongoing farm development?					
Mature						
Any weather constrain	ts? Yes 🗌 No 🗹 If so, please describe.					
Any bedding constraint	:s? Yes 🗆 No 🗹 If so, please describe.					
Is this process scalable	and to what extent (top and bottom limits)? Yes 🗹 No 🗆 If so, please describe.					
Upward from 10 000 me	etric tons, no upper limit					
Do vou have a known s	caling factor? Yes  No  If so, please describe.					
Input and output of you	ur unit/system – do you have a mass balance analysis? Yes 🗹 No 🗌 If so, please describe.					
	gas, N-fertilizer, P-fertilizer out (exact figures depend on the substrates)					
	chnology part of a larger system that you provide? Yes \(\Boxed{V}\) No \(\overline{\mathbb{M}}\) If so, please describe.					
Do you consider this te	timology part of a larger system that you provide: Tes - No E 17 30, pieuse describe.					
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Has your technology be	een accepted by the NRCS? Yes  No  If so, please describe.					
Would you be willing to provide information for a technical review? Yes ☑ No □						
Would you be willing to respond to a Request for Quotation (RFQ) on a generic project for comparison of your technology against other technologies in the same unit process? Yes ☑ No □						
ior comparison or your	technology against other technologies in the same unit process: Tes 🖭 No 🗆					
REFERENCES						
Please provide customers or colleagues with whom we can discuss your business and performance.  Please include a list with company name, location, contact name and contact information below.						
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Reference 1						
Company Name:	ES Engineering/American Biogas Council					
Company Location:	Orange, CA					

## NEWTRIENT Technology Provider | Business Information Request

Contact Name:	Bernard Sheff
<b>Contact Information:</b>	1036 W Taft Avenue Orange, CA 92865
Reference 2	
Company Name:	
<b>Company Location:</b>	
Contact Name:	
Contact Information:	
Reference 3	
Company Name:	
Company Location:	
<b>Contact Name:</b>	
<b>Contact Information:</b>	
Reference 4	
Company Name:	
Company Location:	
Contact Name:	
Contact Information:	

Are there any other facts about this technology that you feel should be included in this document? If so, please describe below.