



Date:

**COMPANY INFORMATION**

**Company Name:** Trevi Environmental Solutions

**Phone:** +32 9 220 05 77

**Web Site:** <http://www.trevi-env.com/en/>

**Address:** Dulle-Grietlaan 17/1

**City:** 9050 Gentbrugge

**State:** Belgium

**Zip Code:**

**BUSINESS CONTACT**

**Name:**

**Name:**

**Phone:**

**Phone:**

**Email:**

**Email:**

**Address:**

**Address:**

**City:**

**City:**

**State:**

**State:**

**Zip Code:**

**Zip Code:**

**TECHNICAL CONTACT**

**BUSINESS HISTORY**

**How long have you been in business?** Since 1992

**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?*

No response given

**Number of employees?** 100 employees

**What is your business structure?** Corporation

**What types of insurance and or surety do you provide?**

No response given

**References. Please provide customers or colleagues with whom we can discuss your business and performance.**

*Please include a separate list with company name, location, contact name and contact information.*

All European companies & farms Projects developed; 200 wastewater, 150 air treatment, 70 manure management, 100 energy (5 biogas plants). Belgium, France, Netherlands, Poland, Hungary, Great Britain, Sweden and Rwanda

**Describe your business service(s).** *For example: consulting, development, engineering, equipment sales, finance, other.*

Consulting, development & engineering

**Area or region of operation.**

Belgium, France, Netherlands, Poland, Hungary, Great Britain, Sweden and Rwanda (no North America projects)

**Does your company hold any patents or the rights to any patents?** *Please identify.*

3 patents; 2 manure treatment & 1 biogas production/digestate treatment

**Do you manufacture equipment?**  Yes  No *Please describe.*

**Do you integrate equipment manufactured by others?**  Yes  No

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

Response not given

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

Company history, number of projects, annual revenue (\$25+ million)

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

Consulting & engineering services  
European permitting, nutrient management and regulatory reporting

**Do you offer design services?**  **Yes**  **No** *Please describe.*

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

**Are you a full stop shop?** *Design to construction to operate?*  **Yes**  **No** *Please describe.*

No, do not operate

**Do you have preferred partners?**  **Yes**  **No**

*If so, please list and provide contact information/identify partners by name.*

No response given

Do you have any third-party verification/research that has been done on this technology?  Yes  No

If so, please describe.

None offered, none found

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.

Yes, based on pilot system performance.

Are there any other aspects of your business that you feel should be included in this document?

TREVI APPEARS TO BE A STRICTLY EUROPEAN COMPANY

**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?**

Manure management

**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.

Liquid fraction – nitrification, denitrification, biological phosphorus removal (activated sludge)  
Evaporation/condensation of liquid  
Sludge drying & sterilization  
Biogas

**How many systems have you installed on dairy farms or other livestock operations?**

70 to 75 farm installations, mostly manure treatment (aerobic based) with a few biogas plants. 3 systems combine aerobic and anaerobic processes

**Size of farm(s)?**

Given European based, a few hundred to few thousand

**Location of farm(s)?**

All European

**What's the smallest/largest farm for your system?**

Not provided

**Input material description/characteristics:**

*For example: raw manure, digestate, screened digestate, suitable non-farm feedstocks, other.*

Swine or dairy manure  
Raw manure or digested manure  
Sand not commonly used in Europe, but would most likely need to be removed

**Does the technology treat the full manure stream for a farm or a fraction of the stream?**

Either

**Do you consider this a mature system or ongoing farm development?**

Mature technology

**Any weather constraints?**  **Yes**  **No** *Please describe.*

Freeze protection

**Any bedding constraints?**  **Yes**  **No** *Please describe.*

Sand removal

**Is this process scalable and to what extent (top and bottom limits)?**  **Yes**  **No** *Please describe.*

Yes, really no limit

**Do you have a known scaling factor?**  **Yes**  **No** *Please describe.*

N/A

**Input and output of your unit/system – do you have a mass balance analysis?**  Yes  No *Please describe.*

None offered/provided

**Do you consider this technology part of a larger system that you provide?**  Yes  No *Please describe.*

No, this system/approach would provide the full system

**Has your technology been accepted by the NRCS?**  Yes  No *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

**Are there any other facts about this technology that you feel should be included in this document?**

No response given