

Basis Data Questionnaire - biogas plant

This questionnaire is necessary for the conception and economic calculation of your biogas plant. On the basis of your data we are able to calculate estimated profits. The accuracy of that estimate depends on the precision of that data. All your data will be kept in strict confidence.

1.) Customer Information

Name	
Adress	Contact person
State/Province	Fax
Telephone	E-Mail

2.) Requested dimensions of the plant

electric power	min.	kW
thermal power	min.	kW
Land available for plant site		m ²
thereof in own property		m ²

3.) Livestock

What kind and quantity of animals do you have?

type of animal	quantity	livestock unit	pasture management		indoor housing of animals (months/year)
			yes	no	
mast pigs					
breeding pigs					
breeding cattle					
milk cow					
calves					
breeding chicken					
laying hen/layer					

4.) Quantity of liquid manure/animal waste

type	quantity per year (indoor housing)		DS* %
	t/a	m ³ /a	
liquid manure pig			
liquid manure cattle			
straw dung			
liquid manure chicken			
chicken dung			

5.) Land for fertilizing and application of untreated or processed fermentation residue

Type	land in ha
own property	
land in third party	

6.) Possible uses of untreated and processed fermentation residue

use for	Yes	No
application on agricultural land (fertilizer)		
composting		
heating (pellets)		
others		

* Dry Substance

7.) Renewable Raw materials

Do you want to buy raw materials from other farmers?

yes no

raw material in own production	sowing month	harvest month	acreage own property ha	harvest on own land t/ha, p.a.	harvest t/year	DS * %
corn silage						
greenery						
energy grass						
sun flowers						
rape						
pomace						
potatoes						
CCM						
corn						
grain						

Raw materials to buy	purchase t/year	DS * %
corn silage		
greenery		
energy grass		
sun flowers		
rape		
pomace		
potatoes		
CCM		
corn		
grain		

8.) Co-fermentation (application of non-agricultural material)

Is an application of non-agricultural material planned?

Yes

No

raw material	size per piece mm	quantity		DS %	categorie	
		t/a	m ³ /a		2	3
slaughter waste						
blood						
gastrointestinal content						
innards						
food leftovers						
leftovers (commercial)						
animal fats						
frying/chip oil/fat						
expired food						

9.) Current Energy Requirement

for	kWh p.a. (or l/a, m ³ /a)
electricity	
heat	
- natural gas	
- heating oil	
- others	

10.) Utility Company (EVU), point of delivery (feeding into public power grid)

Name and adress of Utility company	
point of delivery	distance m
transformer station?	<input type="radio"/> Yes <input type="radio"/> No
if yes, max. delivery	max. kW

16.) Schedule:

Requested schedule	by
basic project scheme	
approval	
construction	
startup	

17.) Other Data

existing cables or power lines on the land, distance to the next neighbour, point of feed-in for public heating system, earthquake risk, high water risk ...

date: _____

signature: _____