

Questionnaire concerning the anaerobic exploitation of poultry dung and excrements

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 Germany



Address data	Project name
Contact person of the project	(ex.: BGA airport Köthen)

Surname, first name:		
Company name:		
Street, house no.:		
Postcode, place:		
Phone / Fax:		
Mobile phone:		
E-Mail:		
Website:		

Owner of the poultry farm

Surname, first name:		
Company name:		
Street, house no.:		
Postcode, place:		
Phone / Fax:		
Mobile phone:		
E-Mail:		
Website:		

Constructor / Investor

Surname, first name:		
Company name:		
Street, house no.:		
Postcode, place:		
Phone / Fax:		
Mobile phone:		
E-Mail:		
Website:		

Address / location of the poultry farm

Street, house no.:		
Postcode, place:		
Federal State / country:		
Dimensions:		

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Planned location of the biogas plant

Street, house no.:	
Boundary, plot:	
Postcode, place:	
Country	

Motivation

Dimensions, performance in kW_{electrical} power:

Target: Why and how shall poultry dung be used?

<input type="checkbox"/> Production of electricity	<input type="checkbox"/> Utilisation of heat	<input type="checkbox"/> Hygienisation
<input type="checkbox"/> Gas feeding into grid	<input type="checkbox"/> Purification of ferm. Residues	<input type="checkbox"/> Dehydration of ferm. Residues
<input type="checkbox"/> Fertilizer production	<input type="checkbox"/> Disposal of poultry dung	
<input type="checkbox"/> Environmental problems	<input type="checkbox"/> others	

Special conditions
 (e.g. topography, environmental protection, restrictions by the authorities, neighbours, etc.):

Input of poultry dung

Amount per year	[t/a]	% - own	% - external
Produced amount per day	[t] per day (365 days)		

Composition of poultry dung

Amount per day	t/d		t/a	
Type of poultry	<input type="checkbox"/> laying hens	<input type="checkbox"/> broilers	<input type="checkbox"/> chicken breeding	
	<input type="checkbox"/> turkeys	<input type="checkbox"/>	<input type="checkbox"/>	
Number of animals (spaces)				
Application of shells' grit:	<input type="checkbox"/> yes	.....	amount [t/a]	<input type="checkbox"/> no
Bedding	<input type="checkbox"/> chaff	.....	amount [t/a]	
	<input type="checkbox"/> straw	.....	amount [t/a]	
	<input type="checkbox"/> sawdust	.....	amount [t/a]	
	<input type="checkbox"/> maize silage	.....	amount [t/a]	
	<input type="checkbox"/>	amount [t/a]	
	<input type="checkbox"/>	amount [t/a]	
Total solids content <i>TS</i>	%		t / a (refers to fresh substance)	
organic total solids content <i>TS</i>	%		t / a (refers to fresh substance)	
Nutrients' content of nitrogen, phosphorus, potash, sulphur (refers to fresh substance)	N:	%	K:	%
	P:	%	S:	%
Kind of fodder / fodder supplements				
Period in stable				
Type of dunging				

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How is the dung stored?

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Current use of poultry dung

<input type="checkbox"/>	Fertilizer	<input type="checkbox"/>	Combustion	<input type="checkbox"/>
<input type="checkbox"/>	Sales	<input type="checkbox"/>	Sales to an external biogas plant		
<input type="checkbox"/>	Stones	<input type="checkbox"/>	parts from chicken stables (wood etc.)		
<input type="checkbox"/>	Metals	<input type="checkbox"/>			

Possible disturbances

possible input of co-substrates in addition to poultry dung

(preferably carbon-containing and aqueous substrates)

annual amount t/a	own	external
Maize silages	<input type="checkbox"/>	<input type="checkbox"/>
Grass silages	<input type="checkbox"/>	<input type="checkbox"/>
CCM	<input type="checkbox"/>	<input type="checkbox"/>
Crop	<input type="checkbox"/>	<input type="checkbox"/>
Straw	<input type="checkbox"/>	<input type="checkbox"/>
Agricultural Waste	<input type="checkbox"/>	<input type="checkbox"/>
Slaughtering Waste	<input type="checkbox"/>	<input type="checkbox"/>
Fruit and vegetable waste	<input type="checkbox"/>	<input type="checkbox"/>
Commercial waste	<input type="checkbox"/>	<input type="checkbox"/>
others	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

Liquid inputs

annual amount t/a	own	external
Well water	<input type="checkbox"/>	<input type="checkbox"/>
Rain water	<input type="checkbox"/>	<input type="checkbox"/>
Water that was used for cleaning	<input type="checkbox"/>	<input type="checkbox"/>
Swine manure	<input type="checkbox"/>	<input type="checkbox"/>
Cattle manure	<input type="checkbox"/>	<input type="checkbox"/>
others	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

Documents enclosed

<input type="checkbox"/>	photos of chicken dung	<input type="checkbox"/>	analyses of chicken dung
<input type="checkbox"/>	area maps of the stables	<input type="checkbox"/>	other maps of the property
<input type="checkbox"/>	samples for analysing		

Other documents

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Date

Signature