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| **Questionnaire for biogas plant calculation** |
|  *1* | *Contact details* |
| 1.1 | Company name |   |
| 1.2 | Type of activity |  |
| 1.3 | Legal address |  |
| 1.4 | Postal address |    |
| 1.5 | Biogas plant address |   |
| 1.6 | CEO  |  |
| 1.7 | Person in charge |   |
| 1.8 | Office phone |  |
| 1.9 | Mobile phone |  |
| 1.10 | E-mail |  |
| 1.11 | Web |  |
| 1.12 | Skype |  |
| 1.13 | How long have you had an interest in biogas? When are you planning to start construction? |  |
| 1.14 | Company name |  |
| 1.15 | Poultry farm (breeding):- existing- projected |  |

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|  *2* | *Information about livestock and dung* |
| 2.1 | Annual production |  |
| 2.2 | Type of housing- cage- bedding- mixed |  |
| 2.3 | Dung removal system:- scrapper- belt- water flush- other |  |
| 2.4 | Type of bedding material |  |
| 2.5 | Quantity of dung without bedding (t/day), humidity (%) |  |
| 2.6 | Quantity of dung with bedding (t/day), humidity (%) |  |
| 2.7 | How often is the manure removed? |  |
| 2.8 | Availability of dung drying and granulating system, type of system if any. |  |
| 2.9 | Quantity of dried dung, humidity after drying (%), how much is sold |  |
| 2.10 | Basic scheme for manure removal (please attach) |  |
| 2.11 | Additional information |  |
| *3* | *Slighter house information*  |
| 3.1 | Quantity of effluents (t/day) |  |
| 3.2 | COD value |  |
| 3.3 | Any possibility to take out waste water before addition of flocculants (yes/no) |  |
| 3.4 | Slurry output after sieves (t/day) |  |
| 3.5 | Other organic wastes (embryo, eggs, other) quantity (t/day) |  |
| 3.6 | Basic scheme of slaughter house waste water treatment system (please attach) |  |
| 3.7 | Additional information |  |

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| *4* | *Energy requirements and prices* |  Amount Price, EUR |
| 4.1 | Natural gas, thousand m3/year - total- including for manure drying (if any) |    |  |
| 4.2 | Electric energy, kWh day/month/year- total- including dung drying and granulation - % of own generation |  |  |
| 4.3 | Heat power total, kWh day/month/year- total |  |  |
| 4.4 | Fuel oil, tonnes/ day/month/year |  |  |
| 4.5 | Diesel fuel, tonnes day/month/year |  |  |
| 4.6 | Other kinds of fuel |  |  |

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|  *5* | *Farm and existing infrastructure* |
| 5.1 | Boiler-house (quantity and power of boilers) |  |
| 5.2 | Heat power station (type, power) |  |
| 5.3 | Dung storage (quantity, volume, type) |  |
| 5.4 | Waste water treatment plant (number, type, volume) |  |
| 5.5 | Infrastructure drawing showing spot for BGP (attach layout) |  |
| 5.6 | Power line and sewage location |  |
| 5.7 | Agricultural land (ha) |  |
| 5.8 | Presence of neighbor farms, other food industry plants in 20-30 km range. |  |
| 5.9 | Ability or desire to grow corn for silage |  |
| 5.10 | Any other important information you believe we should be aware of |  |

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| *6* | *Your priorities for biogas plant construction* *(5 –scale, 5 – is the highest)*  |
| 6.1 | Ecology, cleaning system |  |
| 6.2 | Energy |  |
| 6.3 | Organic fertilizer |  |
| 6.4 | Other (please specify) |  |

Date