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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