

UK – 309 Home Farm

Production Capacity:

Biomethane Production/year
Biomethane Production/hour

6.355.723 Nm³/y
725,5 Nm³/h

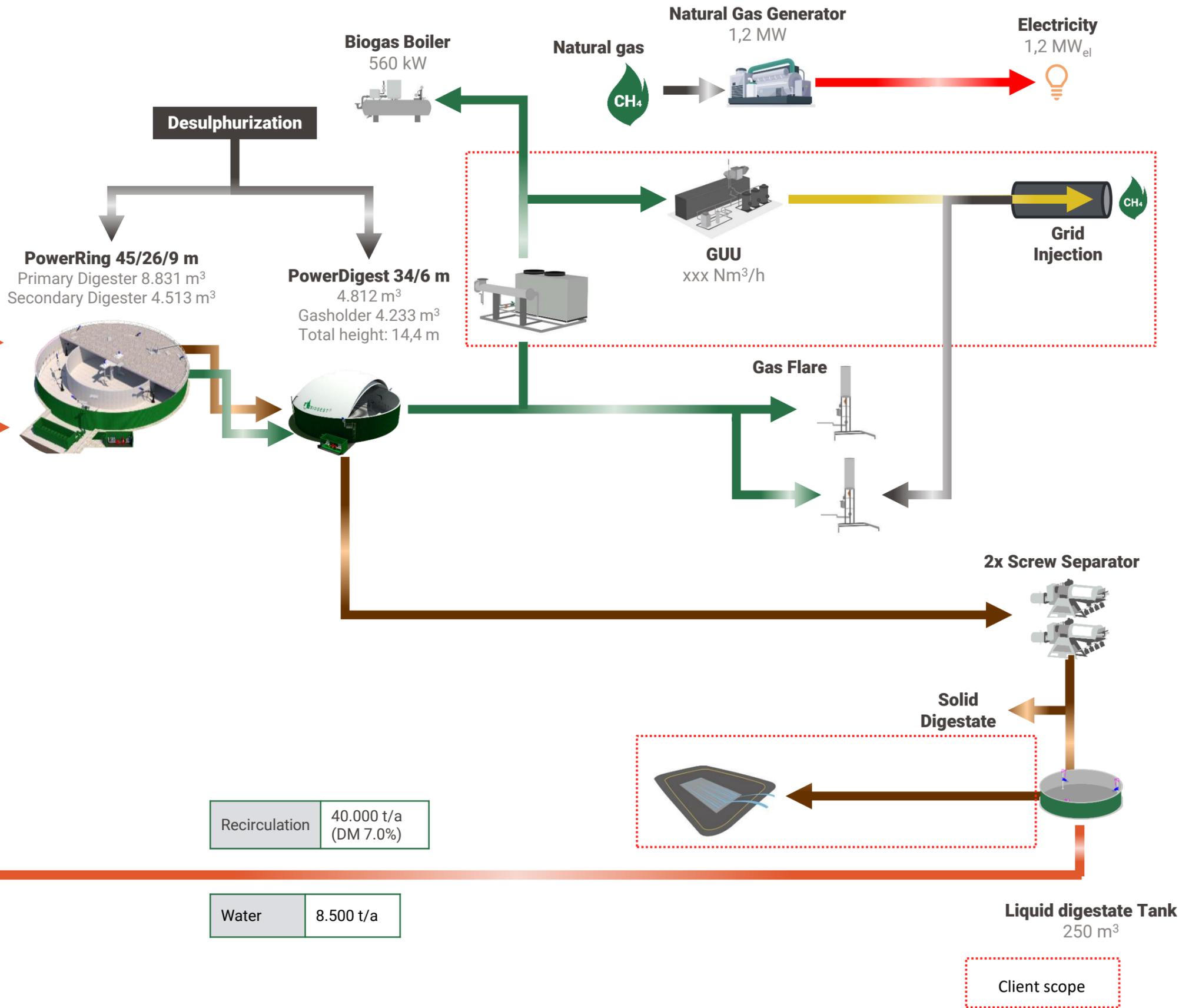


Feedstock

Cattle manure	6.500 t/a (DM 25%)
Pig manure	5.200 t/a (DM 25%)
Chicken manure	7.500 t/a (DM 58%)
Horse manure	0 t/a (DM 28%)
Carrot Waste	855 t/a (DM 20%)
Potato Waste	3.645 t/a (DM 17,3%)
Sugar beet fines	3.500 t/a (DM 14%)
Bakery waste	1.000 t/a (DM 88%)
Olive cake	1.505 t/a (DM 83%)
Maize silage	12.500 t/a (DM 33%)
Whole crop rye	12.000 t/a (DM 35%)

Data	
PD oLR	4,94 kg oDM/m ³ d
HRT	67 days
DM primary digester	12,45 %
Energy production from waste and residue	52%

2 x Solid Feeding System
100 m³



Reception Tank
60 m³

Cattle slurry	1.000 t/a (DM 8%)
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Whey permeate	1.000 t/a (DM 7%)
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Reception Tank
60 m³

Recirculation	40.000 t/a (DM 7.0%)
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Water	8.500 t/a
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Liquid digestate Tank
250 m³

Client scope