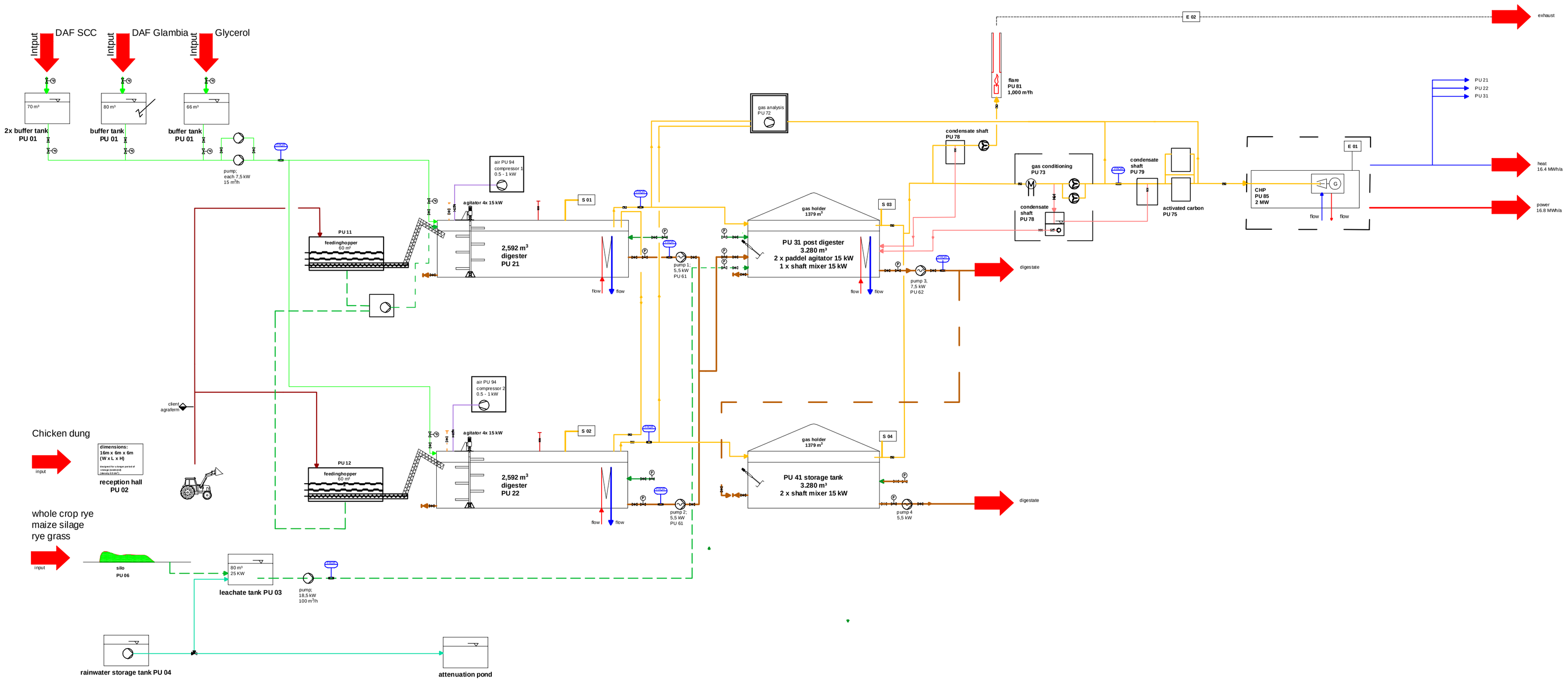

legend

loading

PU 06	silo
PU 02	reception hall
PU 11-12	feedinghopper 1-2
PU 01	buffer tanks 1-4
PU 03	leachate tank
PU 04	rainwater storage tank

fermentation

PU 21	digester
PU 22	digester
PU 31	post digester
PU 41	storage tank

desulfurisation

PU 94	air 1

gas technic and storage

PU 73	gas conditioning
PU 72	gas analysis
PU 75	activated carbon
PU 78	condensate shaft 1
PU 79	condensate shaft 2

energy using

PU 81	flare
PU 85	CHP

emmissions

E 01	exhaust CHP PU 85
E 02	exhaust flare PU 81

safety devices

S 01	overpressure device digester PU 21
S 02	overpressure device digester PU 22
S 03	overpressure device gas holder PU 31
S 04	overpressure device gas holder PU 41

- pressurised air
- biogas
- leachate
- substrate
- digestate
- Metomex
- fluid substrate
- rainwater
- condensate
- heating return
- heating flow

Rev.	Date	Drawn	Checked	Approved	Revision
C					
B					
A	03.03.2016	J.Weyer			

Client:

Project: 2529UK_Mona

State Of Planning:

Drawing Title: flowsheet diagram Part 1

Scale:

	Date	Name
Drawn	24.08.15	J. Weyer
Chkd		
Apprvd		

Plan Author:

Drawing No.: 2529UK_MONA_Flowsheet diagram_Part1

Rev.: B

Sheet Size: DIN A3

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