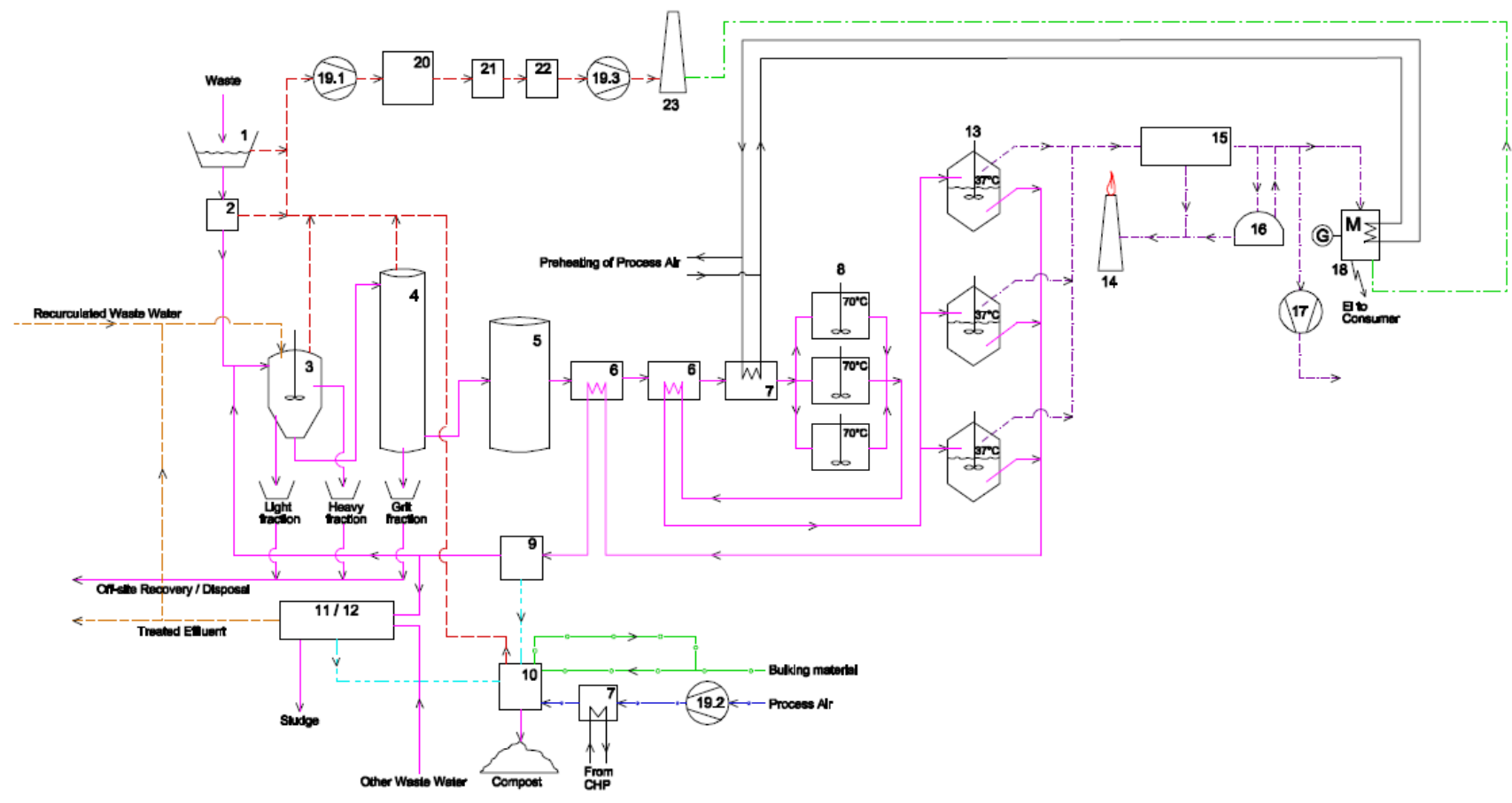


Key to symbols

- Waste
- Exhaust Gas
- Biogas
- Vent. air
- Sludge
- Process air
- Waste water
- Bulking material

UNIT	DESCRIPTION
1	Reception
2	Preparation system
3	Pulper
4	Grit removal system
5	Suspension buffer tank
6	Heat Exchangers (Recovery)
7	Heat Exchangers (Heating)
8	Hygieneisation
9	Separator
10	Composting system
11 / 12	WWTP
13	3 x Digesters
14	Flare
15	Gascleaning system
16	Gas holders
17	Gas Compressor
18	CHP
19.1-2.3	Ventilator
20	PH adjustment
21	Ozone / UV
22	Carbon filter
23	Chimney



Reference drawings

Rev	Date	Drawn	Description	Ch'g'd	App'd

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The Government of the Hong Kong
Special Administrative Region

Project
**AGREEMENT NO. CE34/2011(EP)
 DEVELOPMENT OF ORGANIC WASTE
 TREATMENT FACILITIES PHASE 2 -
 FEASIBILITY STUDY**

Title
**PROCESS FLOW DIAGRAM
 BIOGAS OPTION Bii
 (CHP / GAS EXPORT)**

Designed	Eng check
Drawn	Coordination
Dwg check	Approved
Scale at A1	Status
	Rev

Drawing Number **FIGURE 4.6**