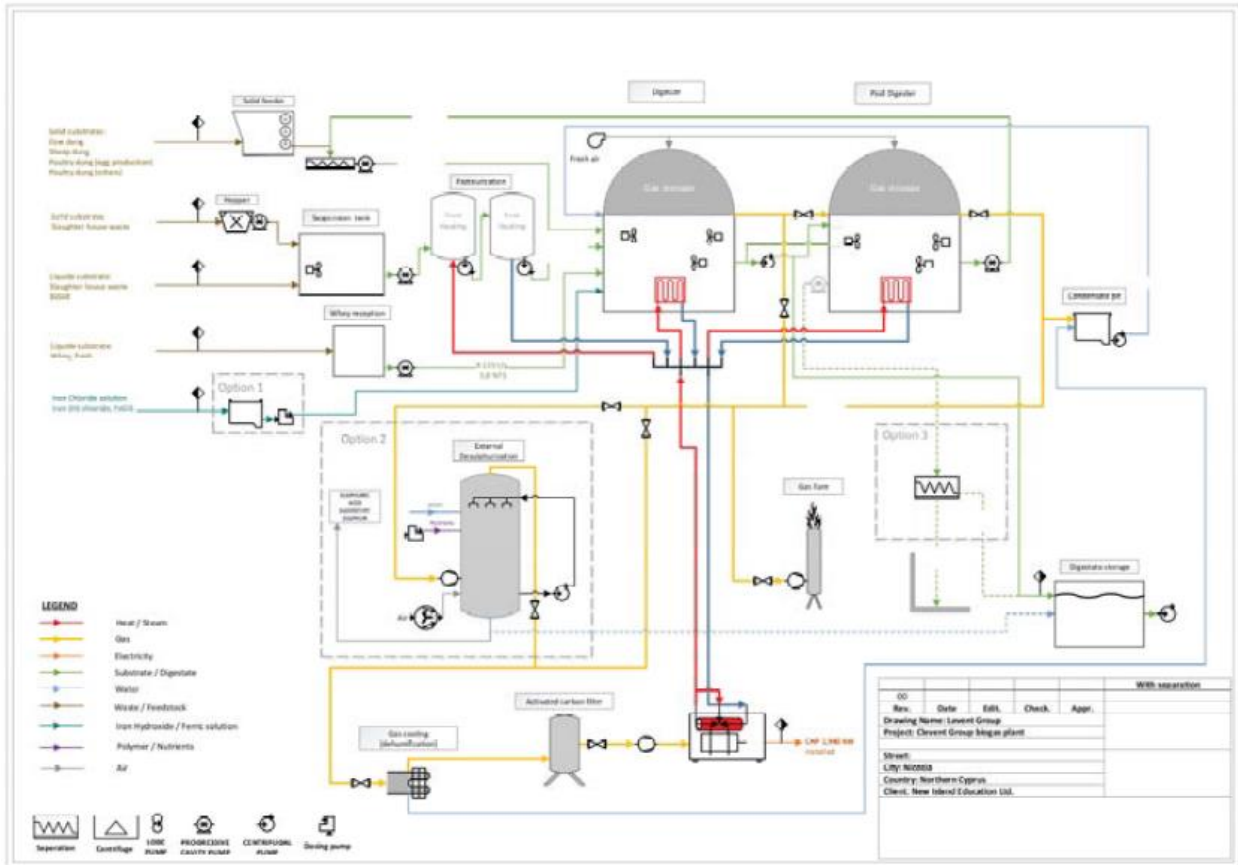
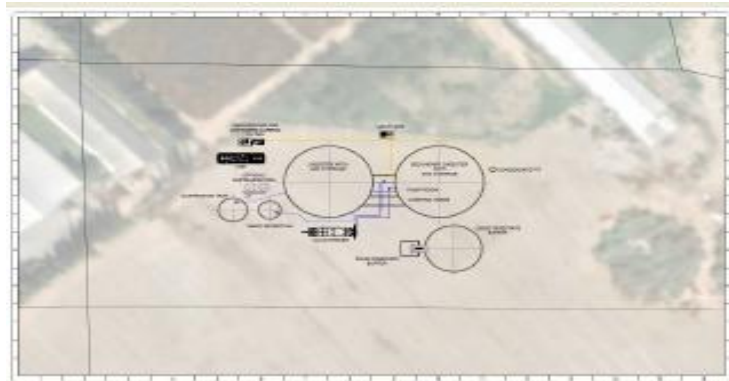




### Appendix 2: Biogas Plant Project



### Field Plan for Biogas Plant Project





## Analysis of Energy and Green House Gas Emissions of Cyprus International University

Status	Year	Conventional Electricity Consumption (kWh)	RE Electricity Consumption (kWh)	Total Electricity Consumption (kWh)	LPG Consumption (kWh)	Total Energy Consumption (kWh)	Total Energy Consumption Per Area (kWh/m <sup>2</sup> )	Net Energy Consumption Per Capita (kWh)	Net CO <sub>2</sub> Emission Per Capita (tones)
Before PV and EE Application (2013)	2013	4,485,574.00	-	4,485,574.00	2,814,613.50	7,300,187.50	73.16	1,178.40	0.71
After PV (1.3 MW) Commissioning & with EE Applications (2022)	2022	5,148,520.00	1,929,789.00	7,078,309.00	2,040,882.00	9,119,191.00	59.48	639.94	0.44
After Biogas Plant (600 kW) Commissioning (2025)	2025	-	6,521,789.00	6,370,478.10	1,836,793.80	8,207,271.90	53.53	575.95	0.03

