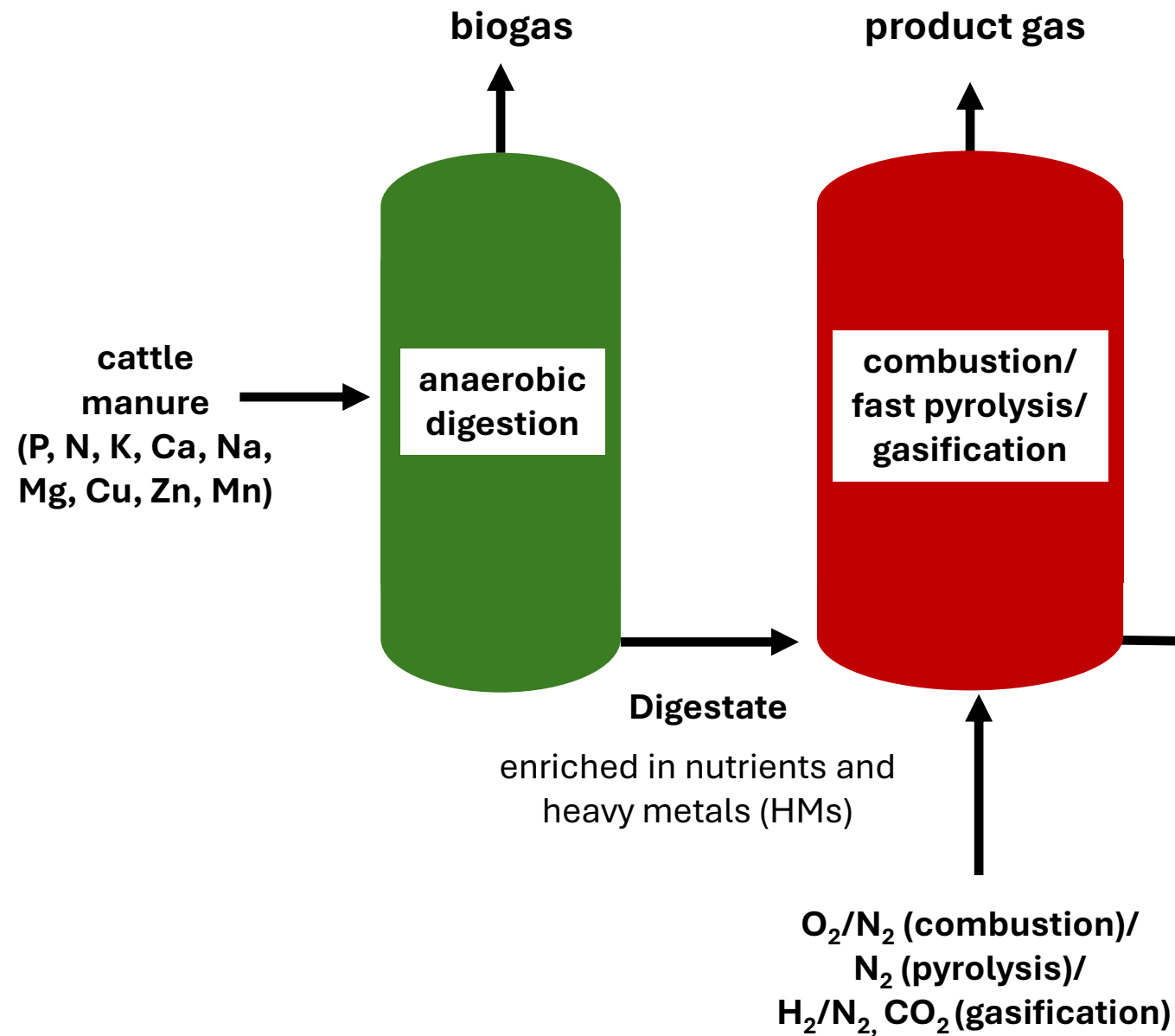




Element

volatility at 1000 °C gas atmosphere				
	O_2/N_2	N_2	H_2/N_2	CO_2
N				
Zn				
K				
Na				
P				
Ca				
Mg				
Cu				
Mn				

further enrichment or depletion of nutrients/HMs in solid residues depends on element volatility

	High volatility (<10% retention in solid residues)
	Intermediate volatility (30–90% retention in solid residues)
	Low volatility (>70% retention in solid residues)