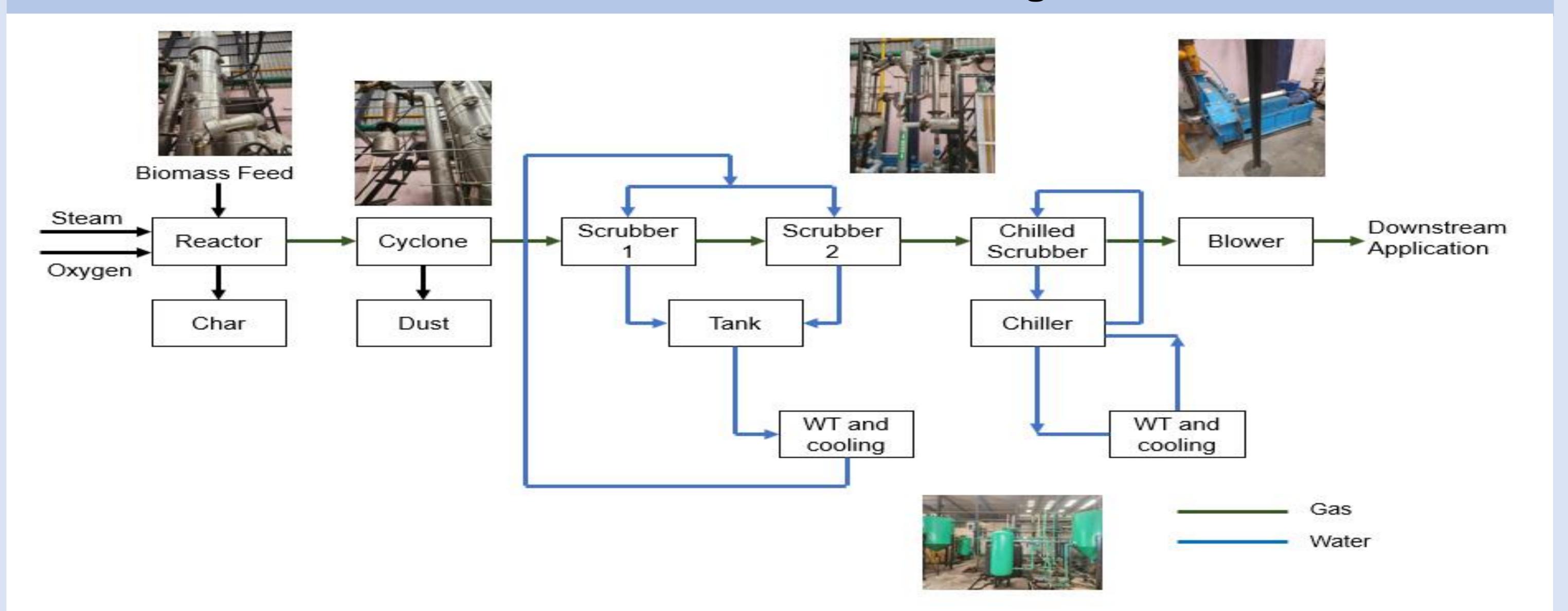
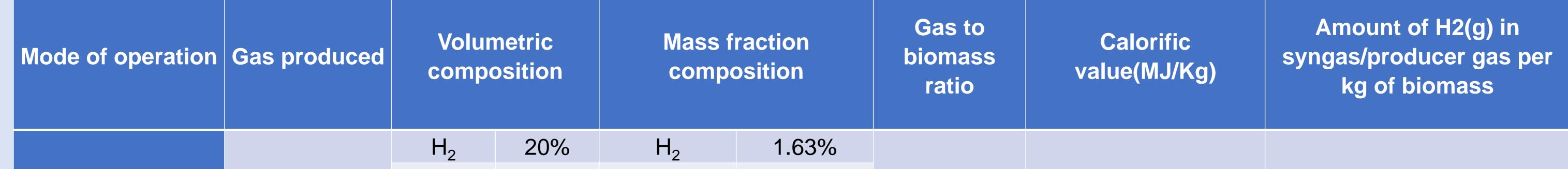
BIOMASS GASIFICATION



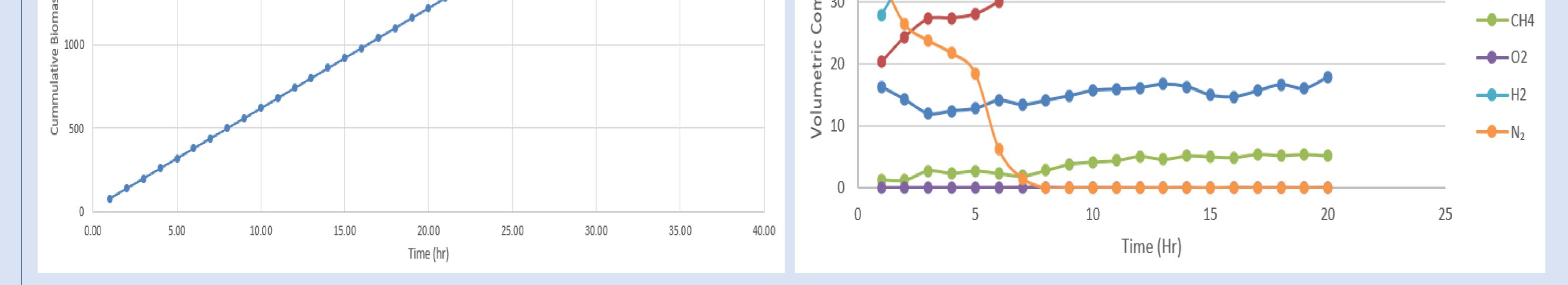
Gasification Process Flow Diagram



Modes of operation and performance(Air mode and oxy steam)



Air mode	Producer Gas	CO	20%	CO	22.88%	2.75	5		
	FIULUCEI Gas	CH_4	2%	CH_4	1.31%	2.7J		40	
		CO ₂	12%	CO ₂	21.57%				
		N_2	46%	N ₂	52.60%				
		H_2	50%	H ₂	4.71%				
Oxy steam	Syngas	CO	20%	CO	26.41%	2.0	10		
		CH_4	5%	CH_4	3.78%			100	
		CO_2	25%	CO_2	51.88%				
		N_2	10%	N_2	13.20%				
Overall						Typical Syngas Composition			
2500						Typical Syngas Composition			
					60				
		y = 60x + 21		and a second					
Si 2000		y - 00X + 21			<u>§</u> 50	<u></u>			
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52 1500					itic 40			CO	
S		A A A							



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