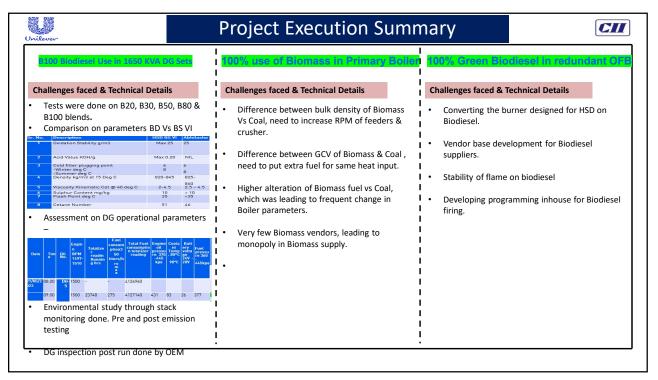
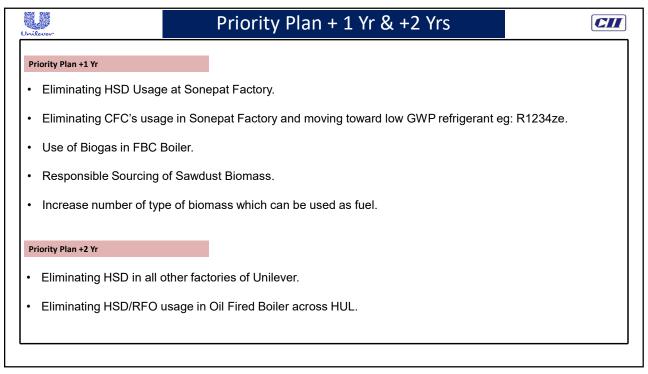


ilever	Project Replication	
• Biodiesel established i	r n DG sets being replicated globally in Unilever. 3 sites in India(Amli, Rajamundry & Kandla) have alread	y established the
B30 blends in their DG	sets.	
	ary boilers replicated in Hindustan Unilever. 24 sites moved to use of biomass as primary fuel in boilers.	
Biomass is being estable	lished in hot air generators for spray drying operations across HUL.	
3 sites moved to use of	f bio-diesel in place of furnace oil in HUL.	
Within Sector		
	gaging CAQM by submitting various representations on biogenic nature of biomass and its benefits. We h as as approved fuel for use during GRAP period.	ave been able to
The Study indicated e corresponding to a po	ponsored by MNRE, the current availability of biomass in India is estimated at about 750 million metric estimated surplus biomass availability at about 230 million metric tonnes per annum covering agric tential of about 28 GW which means there is huge potential and space for industry to adopt biogenic lers. Most of the boiler types like FBC, travelling grate, stocker grate etc. can utilize biomass.	cultural residues
 Site engages with FICC various other prominer 	I on their program of 'Knowledge Mission' where we visit other sites and cross learn. We have prese at organizations.	nted our case at



lever	Project Benchmarking	
Achieving National Benchmark	standards	
National Standards :		
• IS 15607:2016- Indian standa	rd for sampling and test for Bio-diesel(B100).	
• First Site in overall Unilever to	o run Biodiesel in DG Sets	
CAQM direction 53, dated 04	th February 2022.	
CAQM direction 62, dated 17	th March 2022.	
First Site in Nutrition to be on	100% Biomass	



Inilever	Top Best Practices	
	Regular energy audits to reduce energy wastage	
	Awareness to farmers for better & responsible use of water for irrigation in near by 7 villages	
	Re-use of ETP treated water in HVAC Cooling tower	
	Water recharge facility in society through ponds & rainwater harvesting system in schools	
	Zero water discharge of ETP treated water	
	Online stack monitoring connected with CPCB Use of Biodiesel in DG & Boiler	
	Use of By Product Husk in FBC Boiler	
	Waste Ash use for Brick manufacturing	
	Use of Food waste in Animal Feed Manufacturing	

