

Tentative Agenda for Online Biogas Training: Paddy Straw		
Time	Topic	Content
10:00-10:30 hours	Basic concepts of paddy straw	What is paddy straw
		Composition of paddy straw
		Present challenges
		Present opportunities
		Conclusion, Q&A
10:30-12:10 hours	Pre-treatment of paddy straw	Hydrothermal pre-treatment
		Mechanical pre-treatment
		Cold pre-treatment
		Chemical pre-treatment <ul style="list-style-type: none"> • Sodium Carbonate Hydrogen Peroxide pre-treatment/Nmethylmorpholine-N-oxide • Alkaline pre-treatment • Acid pre-treatment
		Biological pre-treatment <ul style="list-style-type: none"> • Fungal pre-treatment
		Hybrid pre-treatment
		Conclusion, Q&A
12:10-12:45 hours	Anaerobic treatment of pre-treated paddy straw with different AD technologies	
12:45-13:00 hours	Q&A	