Day 5: 19th October 2026 Module 5: Regulatory Safety Framework, Risk Assessment, and Safety Culture for SMR Deployment	
	Speakers: Dr. Wisan – H2Technology OAP Expert 3 - OAP **Location:** KX Building, Bangkok
9:00 - 9:10	– Pre-test (10 min)
9:10 - 10:30	**Session 1: Regulatory Safety Framework** – Regulatory frameworks and institutional arrangements for SMR deployment (60 min, instructor from OAP?) – Site selection criteria and environmental impact assessment considerations, including key site parameters (e.g., flooding, seismic hazards, groundwater characteristics, and external events) relevant to SMR siting (20/20 min)
10:30 - 10:45	Coffee break
10:45 - 12:00	– Site selection criteria and environmental impact assessment considerations, including key site parameters (e.g., flooding, seismic hazards, groundwater characteristics, and external events) relevant to SMR siting (Con't) (30/30 min) – Fundamental nuclear safety principles (defense-in-depth, redundancy, diversity, passive safety) (45/50 min)
12:00 - 13:00	Lunch
13:00 - 13:50	**Session 2: SMR Risk Assessment and Safety Culture** – Risk assessment approaches for nuclear systems: deterministic and probabilistic safety analysis (conceptual level) (50 min)
13:50 - 14:40	– Regulatory compliance and licensing pathways for SMR projects (50 min)
14:40 - 15:30	– Regulatory compliance and licensing pathways for SMR projects (50 min)
15:30 - 15:45	Coffee break
15:45 - 16:35	– Lessons learned from the Fukushima Daiichi nuclear disaster for safety governance and institutional readiness (50 min)
16:35 - 16:50	– Post-test (15 min)