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Belong to	Presenter	Topics of the presentations	Presentation abstract
		*These are not the titles of the	
		presentations.	
Global CCS	Ian	Overview of CCS and CO2	Carbon capture and storage continues to scale up with significant global
Institute	Havercroft	transboundary transportation	progress over the post 12months. The growth in supportive policies,
(GCCSI)		projects around the world	·increased sources of finance and strengthened climate policy and
			regulation, has led to a substantial increase in the number of CCS facilities
			in the development pipeline.
			In line with this growth, and the wider commercial opportunities afforded
			by CCS networks, governments and industry are increasingly considering
			the practical and commercial opportunities of CCS activities beyond
			national boundaries. In several jurisdictions this has ultimately led to the
			development of cross-border operations involving transport by ship as well
			as pipelines.
ASEAN	Beni Suryadi	Status of CCS and CO2 Cross-	The presentation "Status of CCS and CO2 Cross-Border Transport in the
Centre for		Border Transport in the ASEAN	ASEAN Energy Transition" will showcase initial findings from a study
Energy		Energy Transition	conducted by ACE, MRI, and JOGMEC. This study, titled 'Opportunities
(ACE)			and Challenges on Cross-Border CO2 Transportation in ASEAN for
			Advancing CCS Towards a Net Zero Future,' evaluates the readiness of
			CCS/CCUS regulations in Indonesia, Malaysia, Thailand, and Vietnam. It
			also examines the challenges and potential in establishing cross-border
			CO2 transportation in ASEAN. Key focus areas include regulatory

			landscapes, and strategic partnerships necessary for advancing carbon
			capture and storage in the region's journey towards a net-zero future.
Ashurst	Guy Dwyer	Relationship between	One of the most topical areas of CCS law and regulation at present is the
		transboundary CO2 transport	transboundary movement of CO2 from one country to another for the
		and regulations such as the	purposes of geological storage. There are several international
		London Protocol	environmental laws that can have varying degrees of relevance to such
			activities. Those laws may facilitate or impede the carrying out of
			transboundary CCS projects. The purpose of this presentation is to
			explore those issues, with a focus on the London Convention / Protocol,
			UN Convention on the Law of the Sea, the Basel Convention and some
			shipping treaties.
Nishimura &	Hiroyasu	IPCC Guidelines	According to Decision 24 at COP 19, as a general rule, the Annex I Parties
Asahi	Konno		of the UNFCCC shall use the methodologies provided in the 2006 IPCC
(Gaikokuho			Guidelines for National Greenhouse Gas Inventories (the "IPCC GHG
Kyodo Jigyo)			Inventories Guidelines") in preparing annual greenhouse gas inventories.
			In this connection, the amount of GHG emissions and removals in
			inventories is important basic data for assessing the progress and
			achievement of the emission reduction targets under the Paris Agreement.
			This presentation will briefly explain how CCS and CO2 cross-border
			transport and storage are stipulated in the IPCC GHG Inventories
			Guidelines.
IOM Law	Ingvild	EU legal framework for	The European Economic Area is an internal market "without borders" with
advokatfirma	Ombudstvedt	transboundary CO2 transport	a comprehensive set of regulations and directives to ensure free movement

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			of goods, persons, services and capital. For CCS, there are several
			instruments in place to secure carbon removals and reductions, and to
			support value chains crossing borders. This presentation will introduce
			some of these instruments, and further explain the relation between the
			London Protocol and the EU CCS framework.
Petroliam	Nor A'in Md	Project Introduction 1: Status of	As PETRONAS is embarking into its own effort for decarbonization via
Nasional	Salleh	Studies in Asia	CCS, an opportunity to provide the solution as an option for hard to abate
Berhad			industries in the region become apparent given the huge potential of
(PETRONAS)			geological storage site in Malaysia. Hence, to enable the reach of this
			solution to the region, PETRONAS has identified the criticality for the
			cross border transport specifically the Liquefied CO2 (LCO2)Vessel.
			Parallel to works in developing the 3 CCS Hub in Malaysia, PETRONAS
			has also taken the steps to pursue the development of LC02 Vessel. It is not
			only the construct of the ship that has been undertaken but as we progress,
			we also have identified the related ecosystem surrounding the operations of
			cross border transportation that need to be developed. These include the
			requirements to satisfy London Protocol/IMO, liability & risk
			management, carbon movement and accounting and cost management.
			PETRONAS is positive that these uncertainty in progressing with the
			ecosystem construct can be addressed through the approach of
			collaboration, transparent and open communication.
Mitsubishi	Akihiko	Project Introduction 2: Status of	Mitsubishi is proceeding with a feasibility study for a cross-border CO2
Corporation	Takao	Studies in Asia	transportation concept in the Ise-Bay area, supported by Japanese

			government funding as part of 'Advanced CCS'. Aggregated CO2 from multiple industrial emitters in the Ise-Bay area is expected to be exported by a liquefied CO2 transportation vessel to potential CO2 storage sites outside Japan. Engineering studies on CO2 capture, aggregation, liquefaction, export, transportation, and storage are ongoing. A variety of challenges that need to be solved for the realization of the CCS value chain business were identified through the feasibility study.
Northern	Baris Dolek	Project Introduction 3: Status of	Northern Lights is a Joint Venture of Shell, Equinor and Total Energies.
Lights JV		Studies in Scandinavia	Northern Lights is developing the world's first open-source CO2 transport and storage infrastructure.
			2023 has been a significant year for Northern Lights. Northern Lights
			signed two binding commercial CO2 transport and storage agreements,
			increasing its customer base to four industrial customers with a total of 2 MTPA CO2 to be stored.
			Through its four CO2 ships on order, Northern Lights is building the
			world's largest dedicated CO2 shipping fleet.
			Northern Lights' facilities are 91% completed; on schedule and on budget
			to be ready for operations in 2024.
Mitsui O.S.K.	Masatoshi	To be uploaded later Initiatives	-agenda-
Lines, Ltd.	Numano	by Transportation Operators	1.Introduction to MOL
			2.MOL CCUS Business Model
			3.How to transport CO2 by Ship

			4.MOL CCUS Technical Initiatives
			5.MOL CCUS Projects
Nippon Steel	Taisuke	Initiatives by Emitting	Nippon Steel aims to reduce CO2 emissions by 30% in 2030 and to achieve
Corporation	Horimi	Businesses Operators	carbon neutrality by 2050. The company is developing technologies to
			reduce CO2 emissions in the steelmaking process, and the introduction of
			CCUS is essential for achieving carbon neutrality. The implementation of
			the CO2 capture and liquefaction process is being studied for source
			facilities that emit high concentrations and large amounts of CO2 at steel
			works. Challenges for the introduction of CO2 capture and liquefaction in
			steel works and issues for the implementation of transboundary CCS are
			described.