

The Nippon Foundation's International Seminar on Offshore Development



Date & Time	Nov 9, 1:00 p.m. - Nov 9, 5:00 p.m. (JST) Nov 8, 11:00 p.m. - Nov 9, 3:00 a.m. (EST) Nov 8, 10:00 p.m. - Nov 9, 2:00 a.m. (CST) Nov 8, 9:00 p.m. - Nov 9, 1:00 a.m. (MST) Nov 8, 8:00 p.m. - Nov 9, 12:00 a.m. (PST)
Venue	Main Conference Room, 2F, Nippon Foundation Bldg.
Meeting method	Hybrid (face-to-face and online)
Language	Japanese and English (with simultaneous interpretation)
Participants	Japanese marine development companies and related organizations

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Program

13:00-13:05	Greetings: Mr. Mitsuyuki Unno Executive Director, The Nippon Foundation
1st part : The Nippon Foundation - DeepStar Joint Research and Development Program	
13:05-13:35	DeepStar briefing and updates: Mr. Shakir Shamsy Director, DeepStar
13:35-14:05	Chevron's perspective on deepwater technologies and carbon capture, utilization, and storage (CCUS): Mr. Pat Toomey Manager, DeepStar
14:05-15:05	<p>Presentation on ongoing projects under NF- DeepStar joint Ocean Innovation Project</p> <ol style="list-style-type: none"> 1. Terra Drone Application of drone with ultrasonic testing device to offshore platforms 2. Kureha Corporation System Development for Wave Energy Harvesting and Metal Removal & Recovery from Produced Water in Offshore Oil and Gas Production 3. Omega Simulation Co., Ltd. Optimization of compression performance for CCUS using process model-based control technology & Hydrogen-natural gas blends phase behavior for safe offshore pipeline transport 4. Nippon Marine Enterprises Development of CO2 plume and leakage monitoring system for offshore CCS/CCUS 5. Daido Steel Co., Ltd. Thermally Stable Corrosion Resistant Alloy (CRA) and Sealing Technology for Enhanced Geothermal Power Systems 6. Mitsubishi Heavy Industries, Ltd. Development of blue ammonia production system from associated gas on offshore platforms
15:05-15:20	Q & A session (15 minutes)
15:20-15:35	Break (15 minutes)
2nd part : The Nippon Foundation – Scottish Enterprise Joint Research and Development Program	
15:35-15:55	Scotland Offshore Wind Journey to Net Zero - Building on Japan and Scotland Innovation - Dr. Stephen Baker Country Head of Japan, Scottish Development International (SDI)
15:55-16:35	<p>Presentation on projects under NF- Scottish Enterprise joint Ocean Innovation Project</p> <ol style="list-style-type: none"> 1. Yokogawa Electric Corporation Fundamental study on subsea IIoT for optimal Operation & maintenance 2. Mitsubishi Shipbuilding Co., Ltd. Estimation of structural integrity and damage risks for floating structures by monitoring and digital twin technology 3. Toda Corporation Durability assessment of mooring chains and development of nylon ropes for design optimization of mooring system for floating offshore wind turbines 4. Kawasaki Heavy Industries, Ltd. Development of robotic arm and sensor for pipeline inspection AUV
16:35-16:45	The Nippon Foundation's technical partnership development program Mr. Naoto Nakagawa Director, Office of Offshore Development, The Nippon Foundation
16:45-17:00	Q & A session (15 minutes)

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