

LNG, Hydrogen and CCUS as an enabler for a greener future

Network meeting 2023

Market Opportunities and Pioneering Technologies

Seminar | 5. December 2023

Objectives:

The objectives of the seminar are to present and discuss the global and regional LNG /hybrid and green energy market situation. The markets have changed the last year, and we will show market opportunities in the energy sector with focus on distribution, small scale solution and use in maritime and energy production sector. The Ukraine conflict has shown the increase in LNG demand to Europe and at the same time we are looking for more environmentally friendly solutions. We will also see how Hydrogen can play an important role in the future energy mix. To reduce the emission of CO₂, Carbon Capture Utilization and Storage projects are important and we will present and discuss some of the ongoing the projects and see how Norwegian companies part of these developments can be.



Programme

Tuesday 5 December 2023

Session 1

Global markets and trends

Moderator: Egil Rensvik, Project Manager, Energy Network Norway/NORWEP

09:00	Registration and networking
09:30	Welcome and introduction <ul style="list-style-type: none">• Martin Cartwright, Global Segment Director, Gas Carriers and FSRUs, DNV
09:40	NORWEP / International opportunities <ul style="list-style-type: none">• Eirik Melaaen, Director LNG, Hydrogen & CCUS, NORWEP
09:50	The International LNG market and supply to Europe <ul style="list-style-type: none">• Iben Frimann-Dahl, Principal, Rystad Energy
10:10	Transition to green marine fuels – market potential and demand <ul style="list-style-type: none">• Anne Sophie Sagbakken Ness, Consultant, Environment Advisory, DNV
10:30	Greener shipping – navigating the new carbon tax regime <ul style="list-style-type: none">• Øyvind Stordal, Management team, Hecla Emissions Management
10:45	“Fast LNG from Gulf of Mexico to Wilhelmshaven” <ul style="list-style-type: none">• Magnus Eikens, COO, EConnect Energy
11:00	Building the World’s first ammonia bunkering terminal <ul style="list-style-type: none">• Håkon Skjerstad, CEO, AZANE Fuel Solutions
11:15	Q&A and panel discussion <ul style="list-style-type: none">• Egil Rensvik, Project Manager, Energy Network Norway/NORWEP
11:40	Lunch



Session 2

Energy transition to zero emission

Moderator: • Eirik Melaaen, Director LNG, Hydrogen & CCUS, NORWEP

12:30

Introduction

- Egil Rensvik, Project Manager, Energy Network Norway/NORWEP

12:40

The 1st Hydrogen ferry in operation

- Ivan Østvik, Project Manager, Norled AS

12:55

Designing and Integrating Renewable & Decarbonisation Technologies

- Justas Pleckaitis, Director of Renewable Energy, Aragon

13:10

Unlock the full energy potential of offshore wind with green hydrogen

- Martin Kjall-Olhsson, COO, HydePoint

13:25

Q&A and panel Discussion

- Eirik Melaaen, Director, NORWEP

13:35

Break



Session 3

Reduction of CO2 emissions, carbon capture and storage

Moderator: Mathias Sørhaug, DNV

13:50	Introduction <ul style="list-style-type: none">• Mathias Sørhaug, Business Development Director CO2 Shipping, DNV
13:55	Safe and highly cost-competitive carbon capture technologies <ul style="list-style-type: none">• Cato Christiansen, CTO, Captsol Technologies
14:10	Carbon Capture onboard vessels <ul style="list-style-type: none">• Trond Johnsen, Centre Director, SINTEF Ocean
14:25	Carbon Capture ready for deployment <ul style="list-style-type: none">• Vibeke Andersson, VP CCS, Carbon Circle
14:40	Transport technology for CO2 transport <ul style="list-style-type: none">• Per Lothe, Special Advisor, Knutsen NYK Carbon Carriers
14:55	A Generic CCS Ship and pipeline transport cost model <ul style="list-style-type: none">• Tore Hatlen, Senior Principal Engineer CO2 Transport, Brevik Engineering AS
15:10	Discussion and Q&A session <ul style="list-style-type: none">• Mathias Sørhaug, DNV
15:35	Concluding remarks <ul style="list-style-type: none">• Egil Rensvik, Project Manager, Energy Network Norway/NORWEP
15:40	End



Contact information:

Eirik Melaaen
Director LNG, Hydrogen, CCUS
+47 959 67 377
eirik.melaaen@norwep.com

Egil Rensvik
Project Manager
+47 92 03 10 05
egil.rensvik@norwep.com

Mabel Wannebo
Project Manager
+47 92 48 70 722
mabel@norwep.com

Norwegian Energy Partners