



SMALL-MID SCALE LNG SUMMIT 2011

Align the business case with proven technology



Two Day Conference: 11th - 12th April, 2011
Mövenpick Hotel Amsterdam City Centre, The Netherlands

Senior LNG professionals will gather at the **Small-Mid Scale LNG Summit 2011** to discuss the commercial and business case for smaller LNG projects and the technologies needed to make these happen through an array of international case studies.

Hear directly from leading experts about:

- The analysis of the business case for small to medium scale projects to achieve maximum ROI
- An overview of currently available technologies - understand how they can be applied to your commercial plan
- Construction of smaller scale plants - what are the key economic and technical differences with larger scale projects?
- Current market dynamic and global trends - is the time right for a small to mid scale venture?
- Creating a small to mid scale LNG value chain - who are the end users?
- Developments in LNG shipping - learn how the carrier industry has moved forward

"Excellent discussions on the high impact issues."

Conoco Phillips

Key speakers include:

Dr. Tony Acton
Principal

Acton LNG
Formerly BG Group

Francois Cahagne
Small Scale LNG,
Group Coordinator
GDF Suez

Alan Townsend
Senior Energy Specialist
World Bank

Peter Blomberg
Managing Director
Nordic LNG

Pablo Quiroga,
LNG Technology Manager,
Repsol-Gas Natural LNG (STREAM)

Koos Blaazer
CEO
LNG Europe

Mustafa Sayin
Commercial Manager
Aygaz

Petter Neksa
Senior Researcher
Sintef

Klaas Kerssemakers
Commercial Manager
Anthony Veder

Piet Kager
Commercial Manager
Gasunie

Edgar Kuipers
Manager
Shell Technology Ventures Fund

Ron Bertasi
CEO

Prometheus Energy

Jeff Sipes
Vice President and General Manager
Chart Energy and Chemicals

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08:30 Registration and Refreshments

08:45 Chairman's Opening Remarks

09:00 The business and technical case for Small-Mid Scale LNG

- Exploring the parameters and business case of small-mid scale production and regasification
- What are the cost barriers and how can we overcome them?
- A look at the current technologies, where are we now?
- Examples of success - the special cases and what could work in the future

Dr. Tony Acton

Principal,

Acton LNG, Formerly BG Group

09:45 Prospects For Mid-Scale LNG Import Terminals In The Philippines And Vietnam

- Exploring the commercial, policy, and regulatory challenges
- Developing the mid-scale LNG value chain in East Asia: the Primacy of Infrastructure
- A model for LNG terminal development: Public-Private Synergies
- Prospects for the Philippines and Vietnam

Alan Townsend

Senior Energy Specialist,

World Bank

10:30 Coffee and Networking Break

11:00 LNG importation challenges for Mid-Scale projects; examining commercial supply restrictions

- A review of the limitations and constraints for LNG supply
- Assessing alternative solutions to overcome the restrictions of LNG supply.
- Exploring the feasibility of Mid-Scale projects in current LNG markets

Pablo Quiroga,

LNG Technology Manager,

Repsol-Gas Natural LNG (STREAM)

11:45 The development of a Small Scale LNG business in Norway

- The development of the project and business case
- Cost analysis compared with traditional large scale LNG
- Start up and first operations through to delivery

Peter Blomberg,

Managing Director,

Nordic LNG

“Speaker quality was very high”

Enel/Endesa

12:30 Lunch and Networking Break

13:30 Constructing a small to medium scale LNG plant

- Choosing the correct design and technology
- Case studies of successful construction projects
- Overview of market drivers behind the project

14:15 Liquefaction technology for small to medium scale LNG applications

- Downsizing proven technology to fit smaller scale projects
- Analysis of efficiency and process of liquefaction technology
- What is the return on investment?

15:00 Making the case for Mid-Scale LNG

- Aligning the commercial and technical aspects of medium scale projects
- Monetising stranded gas, is mid scale the answer?
- Creating markets in out of reach areas, bypassing infrastructure vacuums

Jeff Sipes

Vice President and General Manager,

Chart Energy and Chemicals

15:45 Afternoon refreshments

16:15 Trends in Global LNG

- An overview of the most significant current and planned LNG projects globally: outlining cost and technology challenges in a changing market
- Evaluating new sources of gas for production and the impact on the market
- Taking advantage of new small scale production prospects

Chris Holms

Senior Consultant,

Purvin and Gertz

17:00 Panel Discussion

An interactive discussion on the current challenges facing the industry

- The commercial and business case for small-mid scale LNG
- The technology involved in smaller LNG production and regasification
- How will the industry move forward

Francois Cahagne

Small Scale LNG- Group Coordinator,

GDF Suez

Edgar Kuipers

Manager

Shell Technology Ventures Fund

Dr. Tony Acton

Principal,

Acton LNG, Formerly BG Group

18:00 Chairman's Summary and Drinks Reception

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showing their expertise”**

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08:30 Registration and Refreshments

08:45 Chairman's Opening Remarks

09:00 **Small-Scale LNG facilities in the Netherlands**

- An update on the development of small scale LNG in the Netherlands
- Overview of the business case and commercial case
- LNG as an alternative fuel and energy source, who are the end users?

Koos Blaazer
CEO,
LNG Europe

09:45 **Small-Scale LNG Development: Case study of a successful North American LNG business**

- Demand for LNG as a replacement for crude derivatives
- Non-Traditional Sources of gas for LNG production
- Developing LNG supply markets
- A look to future project development in Poland, Europe

Ron Bertasi
CEO,
Prometheus Energy

10:30 Coffee and Networking Break

11:00 **Ship Owner and operator perspective: Supply of LNG to small scale terminals**

- Business case and technology; the development of Coral Methane, world first combined LNG carrier
- An overview on cost and benefits
- Sourcing of LNG: two primary sources: Ship to Ship and Ship to truck transfers
- Strategies for the road ahead, are we getting the business case

Klaas Kerssemakers
Commercial Manager,
Anthony Veder

11:45 **Construction of Small to Medium Scale LNG plants**

- Case studies of successful projects
- An in depth look into the technology and construction concerns
- Balancing the ideal location with the local environmental concerns

12:30 Lunch and Networking Break

13:30 **Safety Aspects associated with Small-Mid Scale LNG**

- Align your project strategy with HSE best practice
- Discover the current standards and procedures
- What are the implications on HSE when developing smaller projects?

14:15 **LNG Terminal Zeebrugge: creating opportunities in the LNG supply chain**

- Regas terminal for all types of LNG ships
- LNG export by ship loading (from small to big) or truck loading
- Short term opportunities and long term development

Pieterjan Renier
Development Manager,
Fluys LNG

15:00 Afternoon refreshments

15:30 **Successful development of a Small-Scale LNG business in Turkey**

- Setting up an LNG supply chain, what are the key challenges?
- An overview of the commercial and technical challenges faced
- Exploring the customer base and the use of LNG in Turkey

Mustafa Sayin
Commercial Manager,
Aygaz

16:15 **The Sintef Mini-LNG concept**

- Explore the technical challenges overcome for reliquefaction onboard small gas carriers
- An overview of the research and development study in small scale LNG
- Analysing of the findings and technical solution

Petter Neksa
Senior Researcher,
Sintef

17:00 **Small-Scale LNG developments at the Gate Terminal**

- Creating an alternative LNG value chain in the Netherlands
- Break bulking as an innovative way of facilitating LNG distribution
- Case study of Gasunie's vision for small scale LNG

Piet Kager
Commercial Manager,
Gasunie

17:45 Chairman's Summary and Close of Conference



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VENUE INFORMATION

Mövenpick Hotel Amsterdam City Centre
Piet Heinkade 11 NL-1019 BR, Amsterdam
Phone +31 (0)20 519 12 00

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