

5th Annual

Fleming.

CONFERENCE

Small Scale LNG Forum

LNG for on-road transport

#Fleming_LNG

16 - 17 November 2016

Inntel Hotel Rotterdam Centre, Rotterdam, Netherlands

Conference chairman



Jeff Seisler

Clean Fuels Consulting,
Belgium
CEO

Key Takeaways

- How to drive the industry forward
- Outlook for LNG in a low oil price scenario
- Infrastructure development in Europe
- Fleet operators' experience with different trucks

Meet with

- Energy companies like ENGIE, Shell & Gazprom
- LNG professionals from Europe's leading industrial hub, Rotterdam
- Operators of NGV fleets like Vos Logistics & Mattheeuws transport

Speaker and Advisory Panel



Koos Blaazer

LNGEurope, Netherlands
CEO



Philippe Desrumaux

Drive Systems, Belgium
Managing Director



Cees Dikker

Shell, Netherlands
Business Development Road - Downstream LNG
Gas to Transport



Jan Van Houwenhove

Vlaams LNG Platform, Belgium
Founder



Tobias Jacobs

Gazprom Germania, Germany
Senior Project Manager Gas for Transport



Erik Kemink

PitPoint Clean Fuels, Netherlands
Managing Director



Javier Lebrato (TBC)

Idiada, Spain
Project Engineer - HD&Off Road Engineering



Eric Mattheeuws

Mattheeuws Transport, Belgium
CEO



Flavio Merigo

NGV Italy, Italy
Technical Director



Helmut Morsi

Conseiller, DG Move, European
Commission, Belgium
Coordinator for Innovation & New Technology



Jon van Oostrom

ENGIE LNG Solutions, Netherlands
Managing Director



Robert Tieman

Deltalinqs, Netherlands
Policy Advisor Environment



Annemarie Timmermans

Vos Logistics, Netherlands
LNG Project Team Manager



Guus Vogels

Gate Terminal, Netherlands
Account Manager LNG

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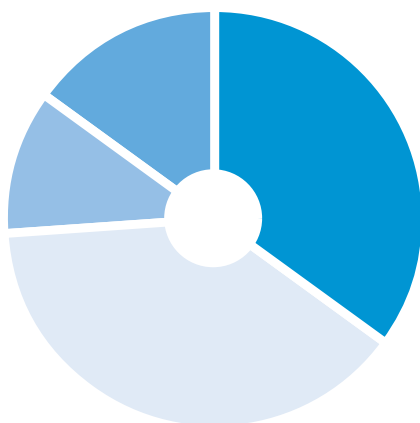
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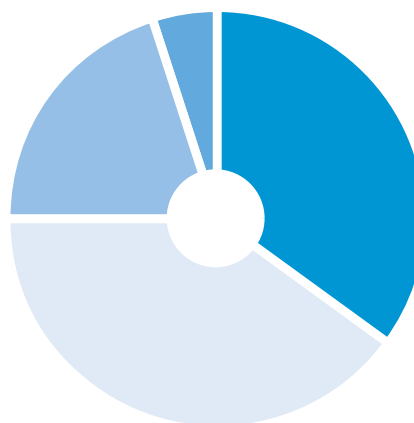
Last Year In Numbers

Geographic Breakdown



- 35% Benelux
- 39% Western Europe
- 11% Central & Eastern Europe
- 15% Others

Attendee Breakdown

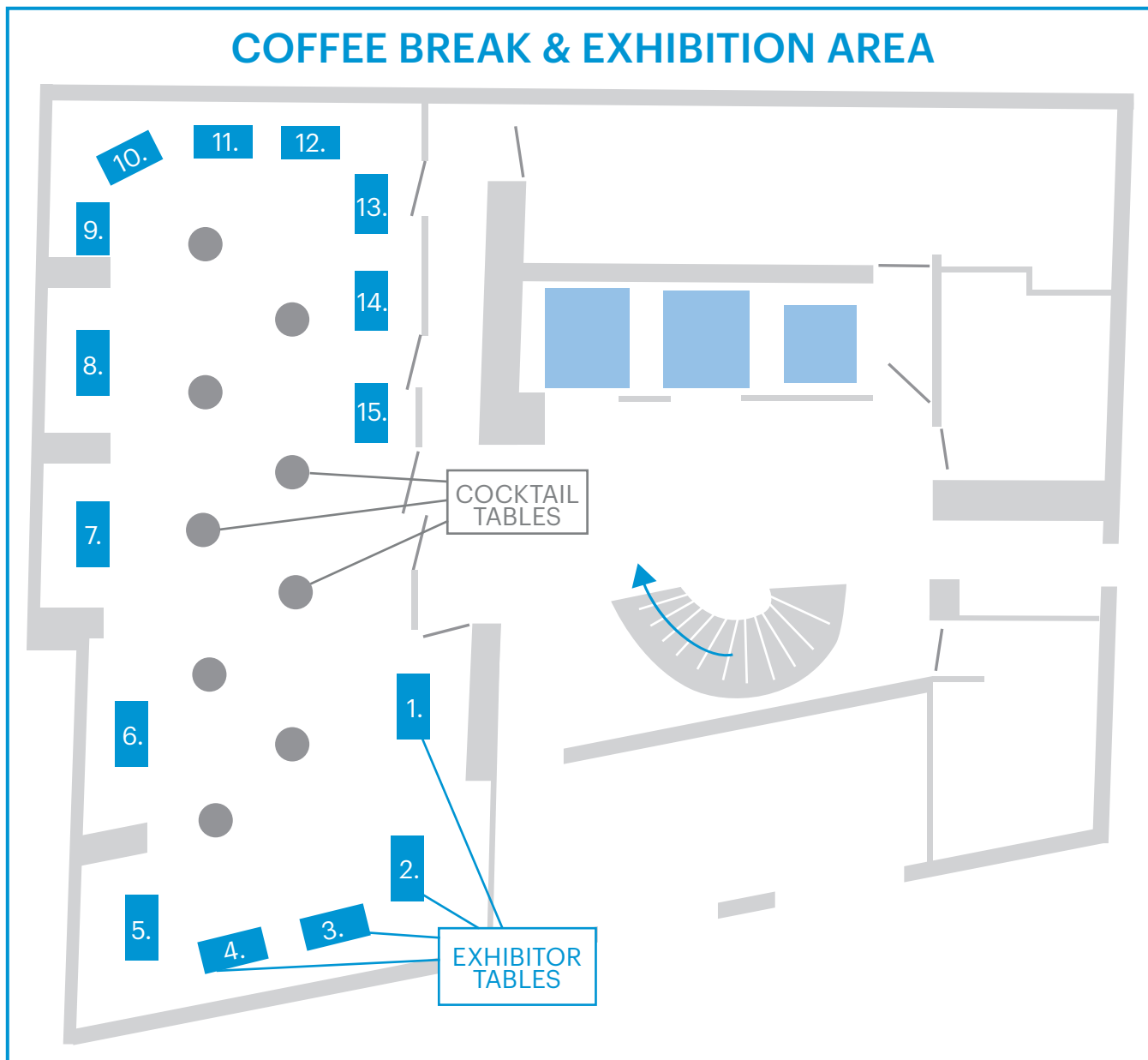


- 35% C-level / Heads / Directors
- 40% Mid Management
- 20% Consultants, Advisers, Experts, Researchers
- 5% Others

Sample of companies attending:

Akfel Group, **Bilfinger**, BRP Shipping, Bulmarket DM, Cryostar, **DHL**, DH Industries, Drive Systems, Dunkerque LNG, **Enagas**, ENI, **ENN Clean Fuels**, ENGIE, Essent, **Fluxys**, Gas Natural Fenosa, Gasnor, **Gasum**, **Gasunie**, **Gate Terminal**, **Gazprom Germania**, **Gunvor**, Marintek, MOL Group, **Ortec**, Petrofac, Polskie LNG, **Port of Antwerp**, Port of Gdansk, Port of Gothenburg, **Port of Rotterdam**, Port of Zeebrugge, **Prima LNG**, Rolls-Royce Marine, **Shell**, **Total**, Tractebel Engineering, Swedegas, Tebodin, **Tokyo Gas**, Vanzetti Engineering, **Vopak**, **Yokogawa Europe**

Floor plan



DAY 1

9:00 Opening note from **Fleming**.

9:05 Opening remarks from the chairman
Jeff Seisler, Clean Fuels Consulting, Belgium
CEO

Session I – Overview & Market Opportunities

9:15 **LNG in Europe, opportunities & challenges ahead**

- Overall competitiveness of LNG
 - i. small-scale segment
 - ii. Opportunities & Challenges
- LNG Supply; Cost & Economics; Current and Future Markets; Perspective on Standards & Regulations
- Environmental case

10:00 **PANEL DISCUSSION: Future growth opportunities**

- Challenges for LNG in a sustained low oil price environment
- The outlook for road applications
- Building a case for end users

11:00 Morning coffee break

Session II – Infrastructure Development

11:30 **Presentation details will be available soon**
Koos Blaazer, LNGEurope, Netherlands, CEO

12:00 **LNG development in Europe's ports**

- The business case for LNG
- Effective partnerships with stakeholders
- Developing a long term strategy
- Becoming a one-stop shop for all LNG fueling needs

Guus Vogels, Gate Terminal, Netherlands
Account Manager LNG

12:30 Luncheon

14:00 **L-NGV Infrastructure for the transport sector in Europe**

- Is current infrastructure adequate?
- Challenges & opportunities
- Obstacles to mass adaptation of LNG as a road fuel

Cees Dikker, Shell, Netherlands

Business Development Road- Downstream LNG Gas to Transport

14:30 **Presentation details will be available soon**

Tobias Jacobs, Gazprom Germania, Germany
Senior Project Manager Gas for Transport

15:00 Afternoon coffee break

16:00 **PANEL DISCUSSION: Refueling infrastructure development in Europe**

- Is infrastructure still an issue or should we shift to creating demand?
- Available funding for projects
- What is needed at government level to assist LNG/CNG infrastructure development?

Pannellists:

Erik Kemink, PitPoint Clean Fuels, Netherlands
Managing Director

Philippe Desrumaux, Drive Systems, Belgium
Managing Director

17:00 Closing remarks from the chairman

17:15 Evening drinks reception



DAY 2

9:00 Welcome note from the conference producer

9:05 Opening remarks from the chairman

Jeff Seisler, Clean Fuels Consulting, Belgium
CEO

Session I – Fleet operators' perspectives

9:15 **LNG for ground freight – challenges ahead**

- Is the lack of standardisation hindering investment?
- Running cross-border fleets (Infrastructure challenges)
- Driver training

Flavio Merigo, NGV Italy, Italy
Technical Director

10:00 **LNG/CNG truck developments**

- Standardization of trucks
- Fueling considerations
- Maintenance & repair infrastructure
- LNG vs. CNG

Javier Lebrato, Idiada, Spain
Project Engineer - HD&Off Road Engineering

10:30 Morning coffee break

11:00 **Vos Logistics' experience with LNG in road transport**

- Experience with usage of LNG as a fuel
- Pros & cons from the point of view of the fleet operator
- The future of LNG as a transport fuel

Annemarie Timmermans, Vos Logistics, Netherlands, LNG Project Team Manager

11:30 **PANEL DISCUSSION: NGVs from a fleet operator's perspective**

- LNG for Heavy duty road transportation (early adapter's experience)
- Economic and environmental drivers
- Experience with available trucks

Panelists:

Eric Mattheeuws, Mattheeuws Transport, Belgium, CEO

Jon van Oostrom, ENGIE LNG Solutions, Netherlands, Managing Director

12:30 Luncheon

14:00 **LNG opportunities in the rail segment**

- HPDI Technology
- Performance & emissions
- Where do we stand in Europe and what to expect
- What can Europe learn from the US?

14:30 **Future environmental emission regulations as a driver for LNG role out – what's next?**

- IMO – MEPC 70
- Decision Non-Road Mobile Machinery Directive
- Bottlenecks and opportunities environmental permits EU Natura 2000 bird and habitat directive regarding nitrogen deposition Northernwest Europe port areas
- Regional drivers

Robert Tieman, Deltalinqs, Netherlands
Policy Advisor Environment

DAY 2

Session II – Regulations, Standards & Government Support

15:00 **Government Support for SSLNG**

- RD&D activities and prospects
- Available funding
- Visions for future LNG development

15:30 **PANEL DISCUSSION:** **Regulatory enablers for unlocking demand and driving the industry forward?**

- Standardisation
- Expectations on policy makers
- What can we expect in the future?

Panelists:

Helmut Morsi, **Conseiller, DG Move, European Commission, Belgium**, *Coordinator for Innovation & New Technology*

Jan Van Houwenhove, **Vlaams LNG Platform, Belgium**, *Founder*

16:30 Closing remarks from the chairman

End of conference



Explore collocated event

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6th Annual Shutdown & Turnaround
Technical Forum

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