



UNECE



Royal Association of Netherlands' Shipowners



C O N F E R E N C E

MARE FORUM

presents the conference:

BIO-ENERGY TRANSPORTATION

New Business Opportunities for Ports and Logistics Providers

THEMES TO BE DISCUSSED:

Setting the Scene: Bio Energy Transportation

The Bio Energy Products and Producers

The Demand and Trade of Bio Energy

The Logistics Challenges and Opportunities of Bio Energy Trade

Environmental and regulatory issues

A focused agenda for the future

14 & 15 SEPTEMBER

**ROTTERDAM
THE NETHERLANDS**

HILTON HOTEL ROTTERDAM



THE SPEAKERS

Michael Grey

Commentator/Columnist, Lloyd's List

Aart Korteland

Chairman, Royal Association of Netherlands' Shipowners

Sverre Bjørn Svenning

Director Research, Director Research Fearnleys

Danny Aronson Renewables Commercial Coordinator Petrobras Transporte S.A. Brazil

José Roberto Moreira Chairman of the board of the National Centre of Biomass (CENBIO), Brazil

Klaus Walderhaug

Senior Analyst Corporate Analysis & Support Odjfell ASA

Colin Cridland

Director Research, Braemar Seascope, UK

Peter Mackay

Managing Editor Hazardous Cargo Bulletin

Ewald Breunese

Manager Energy Transities, Shell Nederland BV

Alf van Weereld

Head of Sustainable Trading & Operations, Essent Energy

Michael X. Cabibbo

Managing Director, Worldwide Ecological Shipping & Transport

Matthias Ruttman

Mineralien Schifffahrt und Transport GmbH (MST) Schnaittenbach – Germany

Pieter van Essen

Director Industry & Bulk Cargo Port of Rotterdam

Jan Korpershoek

Project Manager Business & Marketing Analyses VOPAK, Chemical Terminals Benelux

Martin Junginger

Copernicus Institute for Sustainable Development, Utrecht University

Professor Kees Daey Ouwens

Centre Technology for Sustainable Development, Technical University Eindhoven

Hans Jansen

Project Manager, Economic Cooperation and Integration Division United Nations Economic Commission for Europe

Peter van der Gaag

Bio-ethanol Rotterdam (BER) b.v.

Kirsten Wiegmann

Institute for Applied Ecology, Germany

Martha Roggenkamp

Simmons & Simmons

Gerard Oude Wesselink

Engineering Manager Bio Fuel Facilities Tebodin Consultants & Engineers

Michael Deutmeyer

Managing Director, CHOREN Biomass

Bio Energy Transportation

New Business Opportunities for Ports and Logistics Providers

Two major pressure points - soaring costs and environmental concerns - are bearing down fast on the energy sector, Vulnerabilities of supply security and the demands of the Kyoto Protocol on Climate Change are, between them, forcing policy makers into an urgent reassessment of global energy supply and demand. An increasing emphasis on renewables for their environmental advantages coincides with a growing interest in energy diversification which will leave consuming countries less vulnerable to destabilising cost increases or supply problems.

Bio-energy is increasingly regarded as a promising potential energy source that will help to answer questions revolving around sustainability and supply. Bio fuels and biomass have been recognised as essential ingredients in the sort of energy mix which sensible energy policies will be bound to incorporate. Their transport, storage and production, and indeed their employment for a range of domestic and industrial uses become of considerable importance to the world of ports, shipping and logistics.

Biofuels have a long history. As far back as the 1970s, for example, Brazil which was concerned at its own dependence on imported energy put in place measures that would see automotive fuels dominated by biofuels derived from agricultural produce. A quarter century on it is exporting biofuels to countries as diverse as Japan, Nigeria, Venezuela and The Netherlands.

The European Union is putting in place new policies which seek to enhance its use of bio-energy sources. It seeks to increase substantially the share of biofuels in diesel and petrol, while in connection with its pledge to increase the share of electricity generated by renewable energy to 22% by 2010, it recognises the important role biomass is likely to play in achieving this objective.

So there is a strong incentive to examine the role of the transportation sector in the carriage and storage of biofuels, with important implications for both tanker and dry bulk markets. Ports too must be prepared to play a part in what will become a global supply chain that will connect the producers of the biofuels to their ultimate consumers.

This is a fascinating new energy sector which is of increasing interest to those operating ships and ports and those involved in the development of supportive fiscal and legislative infrastructure that will encourage its further progress. Cargoes, ships, trades, technology, supply and demand along with political and practical issues will provide vital insights.

"...there is a sound potential for the use of biomass to generate both electricity and heat" (European Commission)

"Bioethanol made from grain produces 65% fewer greenhouse gases than petrol" (Central Science Laboratory, UK)

Five distinct strands to the issues surrounding bio energy will be covered in this important conference designed to review progress and provide pointers to the future.

Set for the first time in the Netherlands the location of this Mare Forum will be Rotterdam, a major energy, logistics and shipping centre.

We look forward to welcoming you in Rotterdam,

Michael Grey

Conference Chairman
Editor/Commentator, Lloyd's List

Jannis Kostoulas

Managing Director
Mare Forum

MARE FORUM

MARE FORUM

Rotterdam PORT
Promotion Council

Lloyd's List

Founded 1734



BUREAU
VERITAS



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Universiteit Utrecht



Royal Association
of Netherlands' Shipowners



hazardous cargo bulletin



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TEBODIN

Thursday 14 September 2006

CONFERENCE
CHAIRMAN

WELCOME

SESSION 1

Setting the Scene: Bio Energy Transportation

Themes to be discussed:

Forecasting Energy Production and Consumption - World Energy Sources

The need for Bio Energy - Demand and Supply

The European Bio-Energy agenda

Developments on Bio Fuels Research & Investments

SPEAKERS

SESSION 2

The Bio Energy Products and Producers

Themes to be discussed:

Bio Energy Products - an overview

The UNECE/Port of Rotterdam Sustainable Biomass Trade Project - Practical expertise in Northwest Russia and possibilities for Southeast Asia

South America – experiences – products - capacities

Wood pellets and the logistics needed

SPEAKERS

SESSION 3

The Demand and Trade of Bio Energy

Themes to be discussed:

Oil companies

Energy Suppliers

Marine propulsion from refuse-derived fuel

SPEAKERS

P R O G R A M M E

- 09:00 REGISTRATION
- 10:00 **OPENING AND INTRODUCTION TO THE THEME**
Michael Grey
Conference Chairman / Editor, Commentator, Lloyd's List
- 10:15 **Aart Korteland**
Chairman, Royal Association of Netherlands' Shipowners

Setting the Scene: Bio Energy Transportation

- 10:30 **Forecasting Energy Production and Consumption - World Energy Sources**
Sverre Bjørn Svenning
Director Research, Fearnleys, Norway
- 10:50 **The need for Bio Energy - Demand and Supply**
Martin Junginger
Copernicus Institute for Sustainable Development, Utrecht University
- 11:10 **Developments on Bio Fuels Research & Investments**
speaker to be announced
- 11:30 **Discussion between speakers and audience participants**
- 12:15 LUNCH

The Bio Energy Products and Producers

- 14:00 **Bio Energy Products - an overview**
Professor Kees Daey Ouwens
Centre Technology for Sustainable Development, Technical University Eindhoven
- 14:15 **South America – experiences – products - capacities**
José Roberto Moreira
Chairman of the board of the National Centre of Biomass (CENBIO) Brazil
- 14:30 **The UNECE/Port of Rotterdam Sustainable Biomass Trade Project - Practical expertise in Northwest Russia and possibilities for Southeast Asia**
Hans Jansen
Project Manager, Economic Cooperation and Integration Division. United Nations Economic Commission for Europe
- 14:45 **Wood pellets and the logistics needed**
Staffan Melin (to be confirmed)
President, Delta Research Corporation
Research Director, Wood Pellet Association of Canada
- 15:00 **discussion between speakers and audience participants:**
- 15:30 BREAK

The Demand and Trade of Bio Energy

- 15:45 **Oil companies**
Ewald Breunese
Manager Energy Transities, Shell Nederland BV
- 16:00 **Energy Suppliers**
Alf van Weereld
Head of Sustainable Trading & Operations, Essent Energy
- 16:15 **Marine propulsion from refuse-derived fuel**
Michael X. Cabibbo
Managing Director, Worldwide Ecological Shipping & Transport
- 16:30 **discussion between speakers and audience participants**
- 17:30 **CONCLUSIONS FIRST CONFERENCE DAY**
- 19:30 **CONFERENCE DINNER**

Friday 15 September 2006

SESSION 4

The Logistics Challenges and Opportunities of Bio Energy Trade

Themes to be discussed:

Trade Corridors to Europe

Marine system capacity needs: LIQUID BULK - What type of ships is needed?

Marine system capacity needs: DRY BULK What type of ships/cargo is needed?

Petrobras Transporte S.A. - 30 years experience in biofuels handling and transportation

Handling and storage procedures for dry bulk biomass

Where to produce the end product

Building Plants: Ports vs. hinterland concepts

Ethanol terminal hubs for Europe: Flexible solutions for logistics

Accessing the end-user: technical challenges

SESSION 5

Environmental & regulatory issues

Themes to be discussed:

Environment friendly production of ethanol: it pays

Environmental concerns

Regulatory issues

The Logistics Challenges and Opportunities of Bio Energy Trade

SPEAKERS

- 09:00 **The new IMO regulations on the vegoil and bio-fuels trade from a fleet supply perspective**
Colin Cridland
Director Research, Braemar Seascope
- 09:15 **Biofuels in liquid bulk - the shipowners' perspective: commercial, operational and technical aspects**
Klaus Walderhaug
Senior Analyst Corporate Analysis & Support Odjfell ASA
- 09:30 **Marine system capacity needs: DRY BULK What type of ships/cargo is needed?**
Matthias Ruttmann
Mineralien Schifffahrt und Transport GmbH (MST)
Schnaittenbach Germany
- 09:45 **Petrobras Transporte S.A. - 30 years experience in biofuels handling and transportation**
Danny Aronson
Renewables Commercial Coordinator, Petrobras Transporte S.A. Brazil
- 10:00 **Handling and storage procedures for dry bulk biomass**
Taco de Vries
Managing Director, European Bulk Services (EBS)
- 10:15 BREAK
- 10:30 **Where to produce the end product? At the source of raw materials, at the end-user or at a logistics hub?**
Gerard Oude Wesselink
Engineering Manager Bio Fuel Facilities
Tebodin Consultants & Engineers
- 10:45 **Building Plants: Ports vs. hinterland concepts**
Pieter van Essen
Director Industry & Bulk Cargo, Port of Rotterdam
- 11:00 **Ethanol terminal hubs for Europe: Flexible solutions for logistics**
Jan Korpershoek
Project Manager Business & Marketing Analyses
VOPAK, Chemical Terminals Benelux
- 11:15 **Accessing the end-user: technical challenges**
Peter Mackay
Managing Editor, Hazardous Cargo Bulletin
- 11:30 **discussion between speakers and audience participants**
- 12:30 LUNCH

Environmental & regulatory issues

SPEAKERS

- 14:00 **Environment friendly production of ethanol: it pays**
Peter van der Gaag
Bio-ethanol Rotterdam (BER) b.v.
- 14:15 **Environmental concerns**
Kirsten Wiegmann
Öko-Institut (Institute for Applied Ecology) Germany
- 14:30 **Regulatory issues**
Martha Roggenkamp
Simmons & Simmons
- 14:45 **discussion between speakers and audience participants**
- 15:30 Break
- 16:00 **EXTRA EXTRA: Announcements on New activities on Biomass and Biofuels**
Michael Deutmeyer
Managing Director, CHOREN Biomass GmbH
- 16:30 **A focused agenda for the future**
GENERAL DISCUSSION
- 17:30 **Synthesis by the Conference Chairman**
Michael Grey
Editor/Commentator, Lloyd's List
- 17:40 **DRINKS**

Conference Registration Form

BIO ENERGY TRANSPORTATION

New Business Opportunities
for Ports & Logistic Providers

Hilton Hotel, Rotterdam
September 14 & 15, 2006

Please read Mare Forum's conditions and cancellation policies carefully before registering.

To register for the conference, please complete this form in **PRINTED CAPITALS** and return it to Mare Forum by fax: **+31 10 270 98 70**.

Only one delegate should register with this form. Extra copies can be obtained from the conference office, or copies of this form may be used.

For further questions contact Mare Forum on
T: +31 10 281 06 55
E: info@mareforum.com
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Delegate's name (Mr./Mrs./Ms.) Circle one

Last Name

First Name

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Job Title

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• Conference Fee:

Registration **€952** € 800 + € 152 (19% VAT)

(The conference fee includes attendance and documentation, refreshments, luncheons, receptions and dinners during scheduled breaks in the conference program)

• Payment Method: CREDIT CARD

(please check credit card and provide necessary information)

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Cardnumber: _____

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CONDITIONS

All participants who wish to attend the conference must be registered. Your registration is Person - Restricted, which means that only the registered participant will be admitted for any of the activities of the conference.

A confirmation of your registration will be sent to you by e-mail. After the conference fee has been received you will be sent a receipt of payment by post.

Any additional information about the conference will be sent to you by e-mail.

CANCELLATIONS

In case you are unable to attend the conference for any reason at all, no refunds will be made by Mare Forum. Mare Forum only offers the opportunity to send in a substitute participant at no extra charge. The conference office must be notified of the name of the substitute participant before the conference takes place.

INSURANCE

The conference organisation cannot accept any liability for personal injuries or for the loss of and/or damage to personal belongings of the participants, either during or as a result of the conference. Please check the validity of your personal insurance.

I agree with Mare Forum's conditions,

Date: _____

Signature: _____



Hilton

Rotterdam

BIO ENERGY TRANSPORTATION

Dear Sir/Madam,

During the Forum Bio Energy Transportation, held in Hilton Rotterdam on September 14 & 15, 2006, we are pleased to offer you, as participant, the possibility to stay overnight at the Hilton Rotterdam.

Should you wish to make a reservation, you are kindly requested to complete and return the reservation form below to the hotel by fax or email. Please note that all reservations are on request, we will advise you of our availability as soon as possible..

With Kind Regards
Hilton Rotterdam

To : Rotterdam Hilton
Weena 10
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Fax no. 31-10-7108090

Email: events.rotterdam@hilton.com

Yes, please confirm the following reservation:

Guest Name	Arrival	Departure	(*)	Room (*)	Reservation#
			Standard/ Executive	Single/Double	
			Standard/ Executive	Single/Double	

(*) Indicate your choice

Hilton Guest Room at € 170,00 per room per night

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Creditcard number Expiry date

* Should you guarantee your reservation, we will keep the room for you, even after 4 pm.

In case of no show, without a valid reason, we will charge the room to your creditcard.

* The room can be cancelled without any charges until 4 pm. on the day of arrival.

Signature

Date:

We will confirm your reservation at the Rotterdam Hilton by return.

Your contactperson is Marjon Zwaan - telephone number +31.10.7108009.

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