



BioRefintec

24 - 25 April 2007 • Amsterdam
Mövenpick Hotel Amsterdam City Centre

“Opportunities for Biomass applications in Refineries & Investments in Biorefinery Technologies”

- Agrotechnology & Food Sciences Group
- Shell Global Solutions International
- Institut National De La Recherche Agronomique
- Inviting: Genencor
- Cathay Biotechnology
- Wageningen University & Research Centre (WUR)
- EuropaBio
- Novamont S.p.A
- Bio2 Value Netherlands
- Sud Chemie
- Energy Centre of Netherlands (ECN)
- Rohm & Haas
- Port of Rotterdam
- UOP
- Institute for Energy & Environment Research Germany

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Centre for Management Technology®
Info our 24th year

Day 1

Tuesday, 24th April 2007

9:00 Chairman's Introduction

BioRefinery Vision & Strategies

9:10 **IEA BIOENERGY TASK 42 ON BIOREFINERIES**

Dr Ir Ed de Jong, Head of Department
**Agrotechnology & Food Sciences
Group Netherlands
Wageningen University & Research
Centre (WUR)**

9:40 **BIOREFINERIES - STATE OF ART &
CURRENT RESEARCH ACTIVITIES**

Bert Annevelink, Senior Scientist
Bio2 Value Netherlands (WUR)

10:10 Discussion followed by Coffee

Integrated BioRefinery Concepts

10:40 **IMPLEMENTATION OF EUROPE'S VISION
FOR THE FIRST PILOT INTEGRATED
BIOREFINERY FACILITY**

- roadmap & overcoming barriers

Dirk Carrez, Director, White Biotech
EuropaBio

11:10 **EUROPE'S FIRST INTEGRATED BIOREFINERY**

Dr. Catia Bastioli, CEO
Novamont S.p.A

11:40 **INTEGRATED PRODUCTION OF ENERGY
& OTHER PRODUCTS THROUGH THE
CONCEPT OF BIOREFINERY**

Colin Schaverien
Biorefining Project Leader
Shell Global Solutions International

BioRefinery Technologies

12:10 **TRENDS IN THERMO CHEMICAL
PROCESSING**

Drs. Ing. René van Ree
Energy Center of Netherlands (ECN)

12:40 Discussion followed by Lunch

2:00 **NEW TRENDS IN BIOREFINERY PROCESSES**

Andre Koltermann, Head of R&D
Sud Chemie

2:30 **REFINING BIO-FEEDSTOCKS:
INNOVATIONS FOR RENEWABLE DIESEL,
GASOLINE AND OLEFIN**

Jennifer Holmgren, Exploratory &
Fundamental Research
UOP

3:00 **DEVELOPMENTS IN**

i) **CHINA**
**FERMENTATION TECHNOLOGY &
PRODUCTION OF LONG-CHAIN DIABASIC
ACIDS FOR WORLDWIDE INDUSTRIAL
APPLICATIONS**

Li Zhu, VP Research and CSO
Cathay Biotechnology

ii) **JAPAN**

3:45 Discussion followed Tea

Alternative Feedstocks

4:00 **BIOREFINERY - THE BRIDGE BETWEEN
AGRICULTURE & CHEMISTRY**

Prof Dr. Johan Sanders, Department of
Valorisation of Plant Production Chain
**Wageningen University & Research
Centre (WUR)**

4:30 **LIGNOCELLULOSIC FEEDSTOCK
BIOREFINERY**

**PLANT DESIGN AND ECONOMIC
EVALUATION FOR LARGE-SCALE
BIOETHANOL PRODUCTION FROM
LIGNOCELLULOSE**

Drs. Hans Reith, Project Leader
Energy Centre of Netherlands

5:00 **FROM RAPE SEED TO ENHANCED GREEN
CHEMICALS – THE FUTURE**

Dr. Jacques Gueguen
**Institut National De La Recherche
Agronomique**

5:30 Final Discussion followed by Close of Day 1

Customised Sponsorship Packages Available

This event is an excellent platform to promote your organisation to influential players and investors in the industry. Sponsorship opportunities available include Corporate, Exclusive Luncheon, Cocktail & Documentation sponsor. Exhibition / catalogue display can be arranged upon request. Contact cynthia@cmtsp.com.sg or (65) 6346 9132.

Day 2

Wednesday, 25th April 2007

9:00 Chairman's Introduction

Industrial Chemicals from Biobased Materials

9:10 i) **NEW GENERATION ADHESIVES & SEALANTS FROM BIOBASED MATERIALS**

Thomas Kauffmann
Distinguished Scientist
New Technology Development
Packaging & Building Materials
Rohm & Haas Co

9:40 ii) **BIO DEGRADABLE PLASTIC - TECHNOLOGIES & MARKETS**

10:10 Discussion followed by Coffee

11:10 **LOGISTICS & INDUSTRIAL ECOLOGY FOR BIOREFINERIES**

- The role of a port in ensuring security of supply

Wijnand Schonewille
Senior Business Developer
Port of Rotterdam

11:40 **ENVIRONMENTAL PERSPECTIVES OF BIOREFINERIES: AN OVERVIEW**

Dr. Guido Reinhardt, Scientific Director
Institute for Energy and Environment Research Germany

12:10 **DEVELOPMENT IN ENZYMES TECHNOLOGY FOR BIOMASS CONVERSION APPLICATIONS**

Inviting: **Genencor**

12:40 Final Discussion followed by Closing Lunch

2:00 End of Conference

You will network with

Refineries who have or are thinking of integrating biodiesel processes into their refinery, Feedstock suppliers - wood processors, corn, sugar, waste recovery cos, agriculture, food processors, enzyme producers, equipment manufacturers, engineering services , biofuels technology suppliers, industrial/white biotech cos, logistics/ transportation cos, pharmaceutical cos, specialty chemicals, biodegradable plastics producers



Industrial Biotech will account for 10% of sales within the chemical industry by 2010, up from 7% in 2005 - according to a report by McKinsey. Most of that comes from biofuels. European chemicals companies are investing in white biotech in a big way and with oil prices above \$50 a barrel, biopolymers, biochemicals can be profitable.

Governments across the globe are leaning increasingly towards alternative energy as crude prices continue to climb. Many new players are getting into the game and those who have already established production in biodiesel will sustain profits over the long term.

How can conventional refiners benefit? Should they invest and integrate into biodiesel production?

In Oct, Novamont Italia announced plans to build a refinery to raise output of its Master-Bi bioplastics while some existing refineries like Neste are integrating their refinery operations with biodiesel production

The costs of integrations must be weighed against strategic & environmental benefits of investment- the type of feedstock used, the technologies, tax incentives are some of the key considerations.

CMT's **BioRefintec** conference is designed to discuss critical issues in the industry from recent biorefinery activities to technologies, products, logistics & environmental issues

Key Highlights

- Europe's Vision for Integration of Biorefinery concepts
- State of art & current research activities
- New trends in BioRefinery processes/ technology
- Environmental perspective
- Logistics & Industrial Ecology for BioRefineries
- Lignocellulose Feedstock Biorefinery
- Developments in Enzymes technology

Book your seats now.

Register at meiyen@cmtsp.com.sg or log on to our website at www.cmtevents.com for more information.

Program topics, speakers and schedules listed herein are confirmed as at printing time. Please refer to the event's **Latest Schedule** at www.cmtevents.com for most up-to-date details.

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Fees: The full Registration Fee includes cost of all sessions, luncheon, coffee/tea & CD documentation.

	1 Person	Group fee for 2 or more* (from the same company)
Early Bird Fee *Register & Pay before 23 Mar. 07	EUR 995 (SAVE EUR 100)	EUR 895 (MIN SAVINGS OF EUR 400)
Regular Fee	EUR 1,095	EUR 995 (MIN SAVINGS OF EUR 200)

* Terms and conditions apply.

Cancellations, Refunds & Transfers: A full refund will be promptly made for all written cancellations 3 weeks before the meeting. Thereafter, cancellations are not refundable. A substitute may be made at any time.

Photocopy Registration Form to Preserve Brochure Copy. Apr. 2007

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TO REGISTER

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CONFERENCE VENUE

CMT has arranged special discounted room rate at EUR 205 (Single) inclusive of 6% VAT/Service Charge and exclusive 5% City Tax on room basis only per room per night (subject to rooms & rates availability) for delegates at **Mövenpick Hotel Amsterdam City Centre**. Breakfast is at an additional rate of EUR 21 (exclusive of all taxes and service) per person per day. Please reserve your room with the hotel directly, providing full credit card number and expiry date to:

Mövenpick Hotel Amsterdam City Centre

Piet Heinkade 11, NL-1019 BR Amsterdam, The Netherlands
 Phone: **31 20 519 12 34** Fax: **31 20 519 12 49**
 Email: Hotel.amsterdam@moevenpick.com
Cut off Date for Room Booking: 23 March 2007

~ CMT'S UPCOMING EVENTS ~



23 - 24 May 2007 • Manila

Keynote Opening Address by
President Gloria Macapagal-Arroyo
 of the Republic of Philippines

"Moving Forward with Biofuels - From Feedstocks to Exports"

Cover wide range of biofuels commercialization and marketing issues, INCLUDES interactive panel discussion with key govt officials and oil companies

Biopolymers Markets

15 - 16 May 2007 • Hong Kong

"Bioplastics - Sustainable development & new opportunities"

Confirmed Speakers as of today:

- European BioPlastics Association • Michigan State University
- NatureWorks • Tapioca Plus • Novamont • NEC Corp.
- China Degradable Plastics Specialized Committee
- Growth Pack International Development Co.



18 - 19 June 2007 • Singapore

"Paving the "new" fuels route between Asia to Europe/US"

*Separately bookable workshop on
 "Biofuels Hedging & Risk Management"*

official host sponsor



Alternative Fuels

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