

1st Announcement



OFIC 2012

OILS AND FATS INTERNATIONAL CONGRESS 2012

in conjunction with

OFI ASIA 2012

OILS AND FATS INTERNATIONAL ASIA 2012

Future of Oils and Fats - Is Smart Partnership the Way Forward?

Organised by:



MOSTA

Malaysian Oil Scientists'
and Technologists'
Association
www.mosta.org.my

In Collaboration with:



M P O B

11-14 SEPTEMBER 2012

**KUALA LUMPUR CONVENTION CENTRE
MALAYSIA**



www.oilsandfatsinternational.com



MESSAGE

Welcome to OFIC 2012 organised in collaboration with the Malaysian Palm Oil Board (MPOB). While maintaining a spectrum of interests in all oils and fats, there will be greater focus on palm oil and palm kernel oil, under the theme: Future of Oils and Fats – Is Smart Partnership the Way Forward? Indeed, there are areas of mutual interest to be highlighted and exploited. Current issues and new advances in sustainable agriculture, down-streaming of oils and fats, lipid human nutrition and lipid science and technology in general will be addressed. Concurrent with the Congress there will be an exhibition i.e. the OFI ASIA.

These topics will be presented and deliberated in the following modules:

1. Economics and Commerce/Marketing and Promotion
2. Sustainable Agriculture
3. Process Technology of Palm Oil
4. Downstreaming of Oils & Fats Industry
5. Nutrition

The congress will be preceded by a technical visit to the first oil palm plantation in Malaysia and will climax with a Congress Dinner featuring the best of Malaysia.

With warmest regards,

Academician Emeritus Prof Tan Sri Datuk Dr. Augustine S H Ong

President, MOSTA

Chairman, OFIC 2012 Organising Committee

About OFIC 2012



Oils and Fats International Congress series was launched by MOSTA in 1994 concurrently with an exhibition of latest available technology for the oils and fats industry being held. These events have been providing up-to-date information on the science and technology, marketing scenario and mega trends of ALL oils and fats including palm oil and palm kernel oil. The exhibition focuses on current and emerging technologies which could readily be adopted by the industry.

OFIC 2012 is the 9th congress in this series and FIVE interesting modules will be discussed viz:

MODULE 1 – Economics and Commerce / Marketing and Promotion

(Day 1 – 12 September 2012)

Commercially, the palm oil industry has survived the last 100 years and could last for another 100 years or more if all the stakeholders can stay united and work hard to make it a sustainable industry. In realising the economic viability of this industry as an engine of industrialization growth, many countries are heavily investing in both upstream plantation and downstream processing to generate income, create employment and spur the service industry. In order to enhance upstream productivity, it is important to capture the full potential of existing downstream opportunities to sustain growth in this industry.

Downstream expansion is a key to the existence of the palm oil industry. There are opportunities on developing finished segments that generate high value, including oleo-derivatives, green products, bio-fuels, selected food and health-based products. Palm oil has its own set of advantages including rising relative demand globally, continued high oil-yield per hectare, distinctive edge in yield and quality, versatility and readily available. This Module 1 aims at identifying and unlocking the future of vegetable oils and would address the need for smart partnership to propel the industry further.

Globally, there is a growing concern over environmental issues and increasing emphasis on green and clean technology. Many chemical companies worldwide are switching to biotechnology process in their efforts to embrace green revolution. Across the world, industrial biotechnology is a relatively new sector compared to healthcare and agricultural biotechnology. As such, the industrial biotechnology sector is considered a more level playing field and a promising future sector for the oils and fats to enter.

The world of oils and fats is complex and very dynamic. Supply, consumption, demand, exports and price will continue to shape the current and future growth of the industry. The rest of Module 1 will focus on the current competitiveness of palm oil through market outlooks and duty-price mechanism. Objective assessment on the future direction will be discussed.

MODULE 2 – Sustainable Agriculture

(Day 2 – 13 September 2012)

Sustainable agricultural production has received much attention from consumers and stakeholders to ensure that the production of commodities such as cocoa, coffee, sugar soya bean and palm oil do not have negative impacts on the natural environment and the rights and well-being of the local communities and indigenous peoples. Certification and product labelling are often used to assure consumers that a product has been produced in a sustainable manner according to prescribed standards. In the case of palm oil, the Roundtable on Sustainable Palm Oil (RSPO) has through a multi-stakeholder process developed standards and certification systems for the production and trade in sustainable palm oil. Production of certified sustainable palm oil (CSPO) commenced in November 2008 with the first shipment from Malaysia to Rotterdam. At present about 5 million tonnes for CSPO are produced from more than one million hectares of oil palm. In November 2010, the RSPO launched the CSPO logo to allow consumer goods manufacturers to claim the use of CSPO on their product label.

Besides the RSPO, several other sustainability certification initiatives for palm oil have emerged. Indonesia is implementing mandatory Indonesian Sustainable Palm Oil (ISPO) certification scheme while Malaysia will be introducing the Malaysian Sustainable Palm Oil (MSPO) certification. The Sustainable Agriculture Network (SAN), coalition of independent conservation organisations has developed social and environmental sustainability standards to certify agricultural crops including palm oil. Sustainable production of all biofuel feedstocks, including palm oil and oil palm biomass can be certified by the Roundtable on Sustainable Biofuels (RSB). From January 2011, use of biofuels in Germany has to comply with the International Sustainability and Carbon Certification System (ISCC) developed by the German Government under EU RED (Renewable Energy Directives).

While the various certification schemes have their specific objectives and requirements, they have the common goal of ensuring the production of palm oil does not have negative impacts on the natural environment, global warming and social aspects. However, compliance with the various certification standards has posed considerable challenges to the upstream producers of palm oil. This module will discuss the certification requirements of relevance to the palm oil sector and explore the opportunities for Smart Partnerships in the production and trade in certified sustainable palm oil.

MODULE 3 – Process Technology of Palm Oil

(Day 2– 13 September 2012)

Palm Oil Milling has come under the scanner over the years, leading to new developments in the unit processes involved such as continuous sterilisation with horizontal digesters, differential pressure vertical sterilizers, automation of the cage handling, improvement in mechanical pressing, improved design of clarification and purification equipment for the Crude Palm Oil such as clarifiers, decanters, tri-canisters and sludge separators.

The progress made in technological improvements to the processing has also centred on introduction of automation as well as optimising the process to reduce oil losses for improving OER and reducing the BOD and COD of POME (Palm Oil Mill Effluent) to stringent levels set by DOE Standards.

The biogas that is being generated by Methane capture will also feature as an important factor in reducing the carbon impact on the environment and improving the economic returns of the palm oil milling industry.

A novel process where oil palm fruits are processed to CPO, palm kernel and low calorie puree with zero waste will also be discussed.

Papers to be presented will bring into focus the progress made highlighting the smart partnerships that have been forged between Millers, Equipment and Instrument Suppliers with the advent of new monitoring systems from other successful industry players.

There will also be an interactive panel of experts who will discuss the impact of these developments on future trends expected from modern Palm Oil Mills.

Papers on Refining, Fractionation and Interesterification of Vegetable Oils, including Palm Oil will be presented by leading experts in the field, keeping in mind the theme of Smart Partnerships.

MODULE 4 - Downstreaming of Oils and Fats Industry

(Day 3 – 14 September 2012)

Being one of the largest producers of palm oil, Malaysia has successfully created the right environment that has helped palm oil-based industries to flourish in the country. However, mainly it is on primary oils plus the production in basic oleochemicals. As the price of palm oil keeps on increasing for the past few years, the industry is facing tough competition especially in terms of price and volume. With the current scenario and faced by the fact that the country has limited land for further expansion, Malaysia have no choice but to go further downstream for high value products in order to stay competitive. In the area of food applications, consumers nowadays demand for high-value and healthy products. Structured lipid, which can be achieved through blending and interesterifying palm oil with other suitable vegetable oils, or modifying the physical properties with the assistance of emulsifiers would be of great advantage. Such a product would produce new fat of better palatability and with health benefits. In terms of oleochemicals, consumers are looking for natural and sustainable feedstock for consumer products. One example is methyl ester sulphonate (MES) as an alternative surfactant to linear alkylbenzenesulphonate (LABS) in detergent formulations. Another potential growth area is bio-energy. Some of our industries which are not that profitable can also look at downstreaming as a solution to increase the value of their current products.

MODULE 5 – Nutrition

(Day 3 – 14 September 2012)

The role of fats and fatty acids in determining health and nutritional well-being is consistently being explored and deliberated on by experts globally to address many areas of controversy from the developments over the recent years.

Emerging scientific evidence, namely the positional distribution of fatty acids on the triacylglycerol molecule and their nutritional implications are among the key presentations of the nutrition module of OFIC 2012. The *Sn-2* hypothesis may provide the possible explanation as to why palm oil, though semi-saturated behaves similarly to olive oil in its effects on blood lipid profile. Results from a recent chronic human intervention study that tested the hypothesis will be presented at this meeting.

Phytonutrients play a major role in enhancing nutritional properties of fats and oils, providing added value and possible remedy in addressing many health concerns. Recent research developments on various phytonutrients and their effects on health and disease will also be addressed at this module.

The Nutrition module will provide an excellent platform for interactions amongst global experts to address the many issues arising in the field of fats and oils in human nutrition. This module will provide opportunities for further international collaboration and more importantly present updated and credible scientific information to the community.

TECHNICAL VISIT

(11 September 2012)

Technical Visits being organised for the Congress participants will include journeys to Malaysia's first Oil Palm Plantation, a major Palm Oil Refinery Complex and the Malaysian Palm Oil Board.

We are sure that these visits will provide invaluable insights to the progress made by palm oil research and development.

Oils and Fats International Asia 2012 Exhibition

OFI Asia 2012 is organized by an international organization (Quartz Business Media Ltd) and it will be participated by established international and local equipment manufacturers which will update participants on the latest technology available.

Thus these events will contribute to making Malaysia the Global Hub for Technical and Marketing Information on ALL Oils and Fats. We shall endeavour to make your participation a fruitful experience in OFIC 2012.

Who should attend OFIC 2012?

OFIC 2012 is designed for those involved in the oils and fats industry including the following :

- Industry Captains and CEOs
- Planters and Mill Engineers
- Refiners and Processors of Consumer Goods
- Biofuel Producers
- Quality Assurance Personnel and Process Engineers
- Academics and R & D Personnel
- Scientists and Technologists
- Traders, Analysts, Investors and Financiers
- Economists and Policy Makers
- Environmental and Social NGOs
- Government Agencies



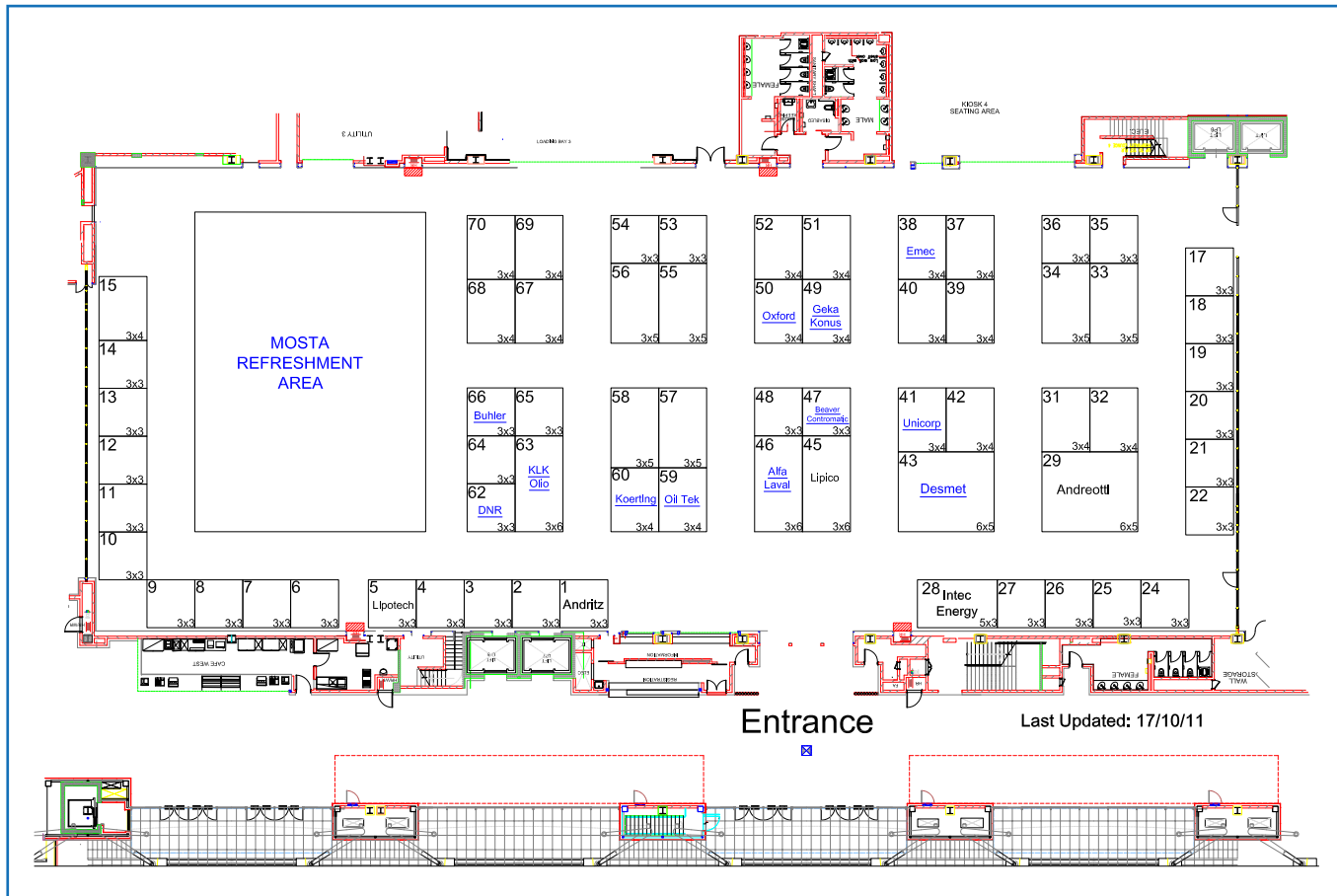
OFI ASIA 2012



OFI ASIA 2012

12-14 Sept 2012

Kuala Lumpur Convention Centre,
Kuala Lumpur, Malaysia



Rates :

- Shell scheme £379 per sqm
- Space only £330 per sqm
- Special rates apply for MOSTA members
- Please add 10% for corner positions

Shell Scheme Price includes:

Hard-walled panels, carpet, lighting, company name board, two chairs, one counter, catalogue entry

For further information, please contact:

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Participating companies as at October 2011

- Alfa Laval
- Andreotti
- Andritz
- Beaver Contromatic
- Buhler
- Desmet
- DNR
- Emec
- Geka Konus
- Intec Energy
- KLK Oleo
- Korting Hannover
- Oiltek
- Oxford Instruments
- Lipotech Unicorp
- Lipico
- Unicorp

REGISTRATION FEES

Registration Fees for OFIC 2012 are as follows:

	Before 30 June 2012		After 30 June 2012	
	Local	Overseas	Local	Overseas
Members	RM 1,820	USD 600	RM 2,600	USD 900
Non-Members	RM 2,240	USD 750	RM 2,800	USD 950
Additional Congress Dinner Tickets	RM 300 (USD 100)			
Students with Posters Presentation	RM 600 (USD 200)			

* Deadline to register is 31 July 2012

Registration Fee for delegate covers the following:

Attendance at all OFIC 2012 technical sessions and admission to OFI ASIA 2012 exhibition:

- Lunches and refreshments during OFIC 2012
- OFIC 2012 Welcome Reception on **12th September 2012**
- OFIC 2012 Congress Dinner on **13th September 2012**
- OFIC 2012 materials and documents
- Technical Visit on **11th September 2012**

All those interested to attend OFIC 2012 are requested to complete the Registration Form and mail/fax/e-mail it to the OFIC 2012 Secretariat as show below together with the Registration Fee(s):

OFIC 2012 Secretariat c/o MOSTA

C-3A-10, 4th Floor, Block C, Damansara Intan, 47400 Petaling Jaya, Selangor, Malaysia.

Tel: +603-7118 2062 / 2064 Fax: +603-71182063

E-mail: secretariat@mosta.org.my Website: <http://www.mosta.org.my>

(Contact Person: Ms. Denise Lee)

The OFIC 2012 Registration Form is also available on MOSTA website at www.mosta.org.my

All Registration Fees can be paid by any of the following methods:

1. Cheque/Banker's Draft made payable to the Malaysian Oil Scientists' and Technologists' Association or MOSTA
2. Telegraphic Transfer to the following account:
 - Name of Account : MOSTA
 - Account No : 512530-155068
 - Swift Code : MBBEMYKL
 - Name of Bank : Malayan Banking Berhad
 - Address of Bank : No. 22, Jalan Yong Shook Lin, PJ New Town, 46200 Petaling Jaya, Selangor, Malaysia

REGISTRATION AND CANCELLATION CONDITIONS

1. Use a separate form for each delegate. Photocopies of this Form can also be used. Payments can be combined for more than one delegate when forms are sent in together.
2. Registration is not official and complete until full payment is received by the OFIC 2012 Secretariat. Confirmation of registration will be issued upon receipt of full payment.
3. Cancellation received prior to 31 May 2012, will be refunded in full less the secretariat expenses of USD 100 for overseas RM100 for local participant. Cancellation received between 1 June 2012 and 31 July 2012 will receive a 50% refund. Cancellation received after 31 July 2012 will not be refunded except in the event of *force majeure* decided upon at the discretion of the OFIC 2012 Organising Committee. All requests for refund must be submitted to the OFIC 2012 Secretariat in writing. No refund will be issued until after the congress.

REGISTRATION FORM

Please complete in Block letters/attach Business Card. This form may be duplicated for additional delegates.

1. DELEGATE'S INFORMATION

Full Name : _____ MOSTA Membership No: _____
(Please underline last name) (If any)

Title : _____ Designation : _____
(Mr/Ms/Dr/Prof/others)

Organisation : _____

Address : _____

_____ Email : _____

Tel : _____ Fax : _____

Please tick if vegetarian diet is required

2. REGISTRATION FEES

	Before 30 June 2012		After 30 June 2012		Total Amount (RM/USD)
	Local	Overseas	Local	Overseas	
Members	RM 1,820	USD 600	RM 2,600	USD 900	
Non-Members	RM 2,240	USD 750	RM 2,800	USD 950	
Additional Congress Dinner Tickets	RM 300 (USD 100)				
Students with Posters Presentation	RM 600 (USD 200)				
* Registration fee for delegate includes admission to all OFIC 2012 technical sessions and OFI ASIA 2012, Congress material, lunches and refreshments, Welcome Reception, Congress Banquet and Technical Visit.					

Technical Visit	Plantations	Palm Oil Refinery Complex	Malaysian Palm Oil Board
Please tick (✓) 1			

3. MODE OF PAYMENT Please tick (✓) :

- I enclose a cheque / Banker's Draft made payable to "MOSTA" (Cheque No:)
- I shall send payment by Telegraph Transfer to "MOSTA" Account
(Please attach the advice slip of the remittance if paid by telegraphic transfer)

Name of Account : MOSTA
 Account No : 512530-155068
 Swift Code : MBBEMYKL
 Name of Bank : Malayan Banking Berhad
 Address of Bank : No. 22, Jalan Yong Shook Lin, PJ New Town,
 46200 Petaling Jaya, Selangor, Malaysia.

..... Date Signature

For office use only :

Date ____/____/____

Amount : _____

OR No : _____

Reg. No : _____