

FFTC-KU Recent trend and future perspectives of biofuel production in Asia

October 28th-November 1st Bangkok, Thailand

Date & Time	Activities
28th October 2014	Welcome dinner talk at Grand Hall#1 Rama Garden hotel
18:00 – 21:00	Arrival of the participants (national and international) Official registration of the international participants (at Miracle Grand Hotel) Vibhavadi Rangsit Road, Laksi, Bangkok, Thailand Welcome dinner talk; International guests, FFTC director and staffs, KU president and KU administration members, FOA dean, workshop sponsors, and investors at Grand Hall#1 Rama Garden Hotel
29th October 2014	International Technical Workshop at Vachiranusorn building, Fac. Of Agriculture, KU
08:00 – 08:30	Registration of international participants and local observers
08:30 – 09:00	Official opening ceremony with welcome address President of Kasetsart University, Thailand; Assoc.Prof.Vudtechai Kapilakanchana Dean, Faculty of Agriculture, Kasetsart University; Assist.Prof.Dr.Sutkhet Nakasathien Deputy Director Dr. Takashi Nagai, Food and Fertilizer Technology Center
09:00 - 09:15	Formal introduction of the national and international invited speaker
09:15 – 09:25	Group Photo
Keynote speech	Global developments of biofuels for transport
09:25 – 10:10	Dr. Heinz Kopetz; World Bioenergy Association, Austria
10:10 - 10:25	Coffee Break
Plenary session 1	Overview of Science Technology and Future Perspective of Biofuel
	Moderator: Assoc. Prof. Klanarong Sriroth
10:25 - 11:00	The R&D of microalgae-based biofuel production at University of Tsukuba Dr. Yuuhiko Tanabe; University of Tsukuba, Japan
11:00 - 11:35	From Sugarcane to Bioethanol- Feedstock management Ms. Pei-Chen Chou; Taiwan Sugar Research Institute
11:35 - 12:10	Engineering of recombinant Saccharomyces cerevisiae for bioethanol production from renewable biomass Prof. Dr.Yong-Cheol Park; Kookmin University, Seoul , Korea
12:10 - 13:00	Lunch Break
Plenary session 2	Science Technology, Innovative, and Policy Development of Bio-diesel
	Moderator: Assoc. Prof. Dr. Ed Sarobol
13:00 - 13:35	Challenges to Keep Indonesian Food, Water and Biodiversity Sustained: From Bioenergy Development Point of View Dr.Arinafril Naalim; Sriwijaya University, Indonesia
13:35 - 14:10	Development of Biomass and Biofuels Sector in Malaysia for Economic and Environmental Sustainability: ‘Malaysian Biomass Industry Action Plan 2020’ Mr. Tang Kok Mun; Malaysian Biomass Industry Confederation
14:10 - 14:30	Coffee Break
Plenary session 3	Future perspectives, The key to success, R&D, and Supporting policy of Biogas
	Moderator: N line Biomass Power Company
14:30 - 15:05	How to organize a biogas project in Thailand Mr. Torsten Fischer; The CEO of Krieg & Fischer, Bioenergy Development Company, EU Region

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15:05 - 15:40	Turnaround in energy policy Ms. Doreen Fragel; The Head of Bioenergy Agency, The Government of Federal Republic of Germany
15:40 - 16:15	Energy Plants Plantation and Technic for Biogas Production and Utilization: Comparison of Experiences in Thailand and Germany Dr. Sunpeth Camnuanthip; Thai Biofuel Professional in Europe and Institute of Aeroelasticity, German Aerospace Center in Oberpfaffenhofen, Germany
16:15 – 16:30	Coffee break
Plenary session 4	Science Technology and Innovative R&D of processing engineer for renewable energy Moderator: Dr.Arinafril Naalim
16:30 – 17:05	Design of heat absorber for solid waste energy recovery Dr. Arturo Mariano I. Figueroa; Holy Angel University, the Philippines
17:05 – 17:40	The Application of Rice Husk Furnace Dr. Chung-Teh Sheng ; National Chung Hsing University, Taiwan
18:30 onward	Welcome dinner
30th October 2014	International Technical Workshop at Vachiranusorn building, Fac. Of Agriculture, KU
08.00 – 08.30	Registration
Keynote speech	Bioenergy, strategy for diverse markets in ASEAN countries
08:30 - 09:15	Prof. Dr. Koichiro Koike; Shimane University, Japan
09:15 - 09:35	Coffee Break
Plenary session 5	R&D Best practices, Success stories, and policy build up of Biomass energy Moderator: Dr. Sunpeth Camnuanthip
09:35 - 10:10	Research on Biomass for Energy Production in Europe – the German BEST-Project as an Example Prof. Dr. Michael Bredemeier; BEST (Bioenergie-Regionen stärken), Germany
10:10 - 10:45	Old Oil Palm Trunks: A Promising Source of Sugars for Biomass Refinery Dr. Akihiko Kosugi; Japan International Research Center for Agricultural Sciences (JIRCAS)
10:45 - 11:20	Current status of biofuel production in Vietnam Assoc. Dr. Van Dinh Son Tho; Hanoi University of Science and Technology
11:20 - 11:40	Introduction of mobilization of the participants and observers for group activity
11:40 - 13:00	Lunch Break
Workshop	Mobilization of the participants and observers for group activity
13:00 - 14:30	
Group 1	Technical research, capacity building, dissemination and information exchange, team build up, and ASEAN HUB of Bio-ethanol Moderator: Assoc. Prof. Klanarong Sriroth
Group 2	Technical research, capacity building, dissemination and information exchange, team build up, and ASEAN HUB of Bio-diesel Moderator: Assoc. Prof. Dr. Ed Sarobol
Group 3	Technical research, capacity building, dissemination and information exchange, team build up, and ASEAN HUB of Biomass Moderator: N line Biomass Power Company

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Group 4	Technical research, capacity building, dissemination and information exchange, team build up, and ASEAN HUB of Biogas Moderator: Dr. Sunpeth Camnuanthip
14:30 - 14:50	Coffee Break
	Groups activity presentation and forum discussion
14:50 - 15:30	Presentation and Discussion by working group #1
15:30 - 16:10	Presentation and Discussion by working group #2
16:10 - 16:30	Coffee Break
16:30 - 17:10	Presentation and Discussion by working group #3
17:10 - 17:50	Presentation and Discussion by working group #4
17:50 - 18:30	Workshop discussion on development of strategic action plan for interdisciplinary cooperation of higher education exchange facilitators & research
18:30 – 19:00	Closing ceremony Deputy Director Dr. Takashi Nagai, Food and Fertilizer Technology Center Dean, Faculty of Agriculture, Kasetsart University; Assist.Prof.Dr.Sutkhet Nakasathien
19:00 onward	Farewell party and Distribution of certificates to the international participants
31th October 2014	Field excursion at Power Prospect Co.ltd., Ayuthaya
7:00 – 9:00	Travelling from Rama Garden Hotel to Power Prospect Co.ltd., Ayuthaya province
9:00 – 11.30	Company presentation Discussion Coffee or tea break Biomass power plant observation
11:30 – 13:00	Lunch break
13:00 – 16:00	Ayuthaya cultural park tour
16:00 – 18:00	Travelling back to Bangkok
18:30 – 20:00	Dinner; Chao Phraya River floating restaurant
1st November 2014	Departure of national & international participants