



# Biomass-Asia Workshop

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 ภาษาอังกฤษ

## Schedule of the Second Biomass-Asia Workshop

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Please note that all workshop activities are free.

### Tuesday, December 13, 2005

Time	Activity
08:30-09:00	<p><b>Opening Address</b></p> <p>Chaired by:            Prof. Montri Chulavatnatol (ARDA, Thailand)            Prof. Kenji Iiyama (Professor Emeritus, University of Tokyo, Japan)</p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• H.E. Dr. Pravich Rattanapian (Minister, MOST, Thailand)</li> <li>• Mr. Hideaki Some (Director-General for Technical Affairs, MAFF, Japan)</li> <li>• Dr. Supranee Impithuksa (Deputy Director General, Department of Agriculture, MOAC, Thailand)</li> <li>• Dr. Saksit Tridech (Permanent Secretary, MOST, Thailand)</li> <li>• Dr. Naomasa Nakajima (Representative of Biomass-Asia Research Consortium of Japan, Vice-President of AIST, Japan)</li> </ul>
09:00-10:10	<p><b>Country Reports</b></p> <p>Chaired by:            Dr. Jerdsak Chaikuna (Chulalongkorn University, Thailand)            Dr. Masayuki Kamimoto (Research Coordinator, AIST, Japan)</p> <p><b>Speakers</b></p> <p><b>FAO</b></p> <ul style="list-style-type: none"> <li>• Mr. Conrado S. Heruela (Consultant, FAO Regional Office for Asia and the Pacific)  <b>FAO: Promoting and Building Capacities for Modern Bioenergy</b></li> </ul> <p><b>Cambodia</b></p> <ul style="list-style-type: none"> <li>• Dr. Sat Samy (Under Secretary of State, Ministry of Industry, Mines and Energy)  <b>Country Report of Cambodia</b></li> </ul> <p><b>China</b></p> <ul style="list-style-type: none"> <li>• Dr. Kong Yuan (Senior Project Officer, Rural Environmental Management Division, Department of Nature and Ecology Conservation, State Environmental Protection Administration (SEPA))  <b>Biomass Utilization and Environmental Protection in China</b></li> <li>• Dr. Chen Yong (Director, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences(CAS))  <b>The Renewable Energy Development Strategy in China</b></li> </ul> <p><b>Indonesia</b></p> <ul style="list-style-type: none"> <li>• Dr. Wahono Sumaryono (Agroindustry and Biotechnology Agency for the Assessment and Application of Technology, the Agency for the Assessment and Application of Technology (BPPT))  <b>Policy and R&amp;D on Biofuels and Biomass in Indonesia</b></li> </ul>
10:10-10:40	<p><b>Coffee Break</b></p>
10:40-12:00	<p><b>Country Reports (continued)</b></p> <p>Chaired by:            Dr. Surapol Wattanawong (TISTR, Thailand)</p>

	<p>Dr. Yutaka Mori (Director of Food Science and Technology Division, JIRCAS, Japan)</p> <p><b>Speakers</b></p> <p><b>Japan</b></p> <ul style="list-style-type: none"> <li>Mr Tetsuaki Nagamine (Deputy Director, Resources Recycling Office, Environment Policy Division, Ministry of Agriculture, Forestry and Fisheries (MAFF)) <b>Biomass - Nippon Strategy</b></li> </ul> <p><b>Laos</b></p> <ul style="list-style-type: none"> <li>Mr. Bouathep Malaykham (Head of Rural Electrification Division, Ministry of Industry and Handicraft) <b>Brief Country Report for Biomass in LAO PDR</b></li> </ul> <p><b>Malaysia</b></p> <ul style="list-style-type: none"> <li>Dr. Hamdan bin Mokhtar (Programme Head, Environment and Bioprocess Technology Centre, SIRIM Berhad) <b>Biomass -- Potentials, Research and Development and Application in Malaysia</b></li> </ul> <p><b>Myanmar</b></p> <ul style="list-style-type: none"> <li>H.E. Dr. U Kyaw Soe (Deputy Minister, Ministry of Science and Technology)</li> </ul> <p><b>Philippines</b></p> <ul style="list-style-type: none"> <li>Mr. Mario Castillo Marasigan (Director, Officer-in-Charge, Energy Utilization Management Bureau, Department of Energy (DOE)) <b>The Philippine Biofuels Program</b></li> </ul>
12:00-13:30	<b>Lunch Break / Poster Session</b>
13:30-14:30	<p><b>Country Reports (continued)</b></p> <p>Chaired by: Mrs. Siriluck Nivitchanyong (NSTDA, Thailand) Dr. Koichi Yamamoto (Principle Research Coordinator, FFPRI, Japan)</p> <p><b>Speakers</b></p> <p><b>South Korea</b></p> <ul style="list-style-type: none"> <li>Dr. Chul Ho Kim (Principal Research Scientist, Metabolic Engineering Research Laboratory, Korea Research Institute of Bioscience and Biotechnology (KRIBB)) <b>Policy and R&amp;D on Bioenergy</b></li> </ul> <p><b>Thailand</b></p> <ul style="list-style-type: none"> <li>Dr. Boonrod Sajjakulnukit (Senior Scientist, Bureau of Energy Research and Study)</li> <li>Dr. Nantawan Sarobol (Field Crop Researcher, MOAC)</li> </ul> <p><b>Vietnam</b></p> <ul style="list-style-type: none"> <li>Dr. Lai Thuy Hien (Assoc. Prof. / Head, Department of Petroleum Microbiology, Department of Petroleum Microbiology, Institute of Biotechnology, Vietnamese Academy of Science and Technology (VAST)) <b>Biomass Utilization in Vietnam (abstract)</b></li> <li>Dr. Tran Dinh Man (Deputy Director of Institute of Biotechnology, Vietnam Academy of Science and Technology, (VAST)) <b>Policy and Strategy for Biomass Development and Utilization in Vietnam</b></li> </ul>
14:30-15:00	<p><b>Keynote Lecture</b></p> <p>Chaired by: Dr. Paritud Bhandhybanyong (NSTDA, Thailand) Dr. Ken-ichi Tomizawa (Chief Reseracher, RITE, Japan)</p> <p><b>Speaker</b></p> <ul style="list-style-type: none"> <li>Dr. Sakarindr Bhumiratana (President, NSTDA, Thailand) <b>Thailand: Center for Asian Biomass Promotion</b></li> </ul>
15:00-15:30	<b>Coffee Break</b>

<b>15:30-16:10</b>	<p><b>Reports from Industries</b></p> <p>Chaired by: Dr. Paritud Bhandhybanyong (NSTDA, Thailand) Dr. Ken-ichi Tomizawa (Chief Reseracher, RITE, Japan)</p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>Ms. Prasertsuk Chamornmarn (Director of National Environment Board, Office of Natural Resources and Environmental Policy and Planning, Ministry of Natural Resources and Environment (MONRE))of Manufacturing, Tokyo Chamber of Commerce &amp; Industry, Japan) <b>CDM Implementation in Thailand</b></li> <li>Dr. Hiroyuki Fujimura (Chairman, Zero Emission Forum Japan, United Nations University / Chairman of Divisional Group of Manufacturing, Tokyo Chamber of Commerce &amp; Industry, Japan) <b>Economic System and Industries in the Future</b></li> <li>Mr. Kosol Jairungsee (Deputy Director-General, Department of Industrial Works, MOI, Thailand) <b>Report from Industries</b> (5MB file)</li> </ul>
<b>16:10-17:50</b>	<p><b>Reports on Biomass Utilization</b></p> <p>Chaired by: Ms. Peesamai Jenvanitpanjakul (TISTR, Thailand) Dr. Yoshiyuki Sasaki (Principal Research Scientist, Biomass Technology Research Center, AIST, Japan)</p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>Ms. Ratanavalee Inochanon (VP, Fels &amp; Lubricants Research Department, PTT Public Company Ltd.)</li> <li>Mr. Takashi Saiki, Ph.D. (Head, R&amp;D Division, Alcohol Association, Japan) <b>Development and Evaluation of a Cellulose-Ethanol Conversion Process based on Highly Efficient Ethanol Fermentation using Flocculent-Arming Yeast</b></li> <li>Dr. Bi Jicheng (Professor, Institute of Coal Chemistry, Chinese Academy of Sciences, China) <b>Co-gasification of Biomass and Coal in a Fluidized Bed</b></li> <li>NEDO Report <ul style="list-style-type: none"> <li>* Dr. Yuji Nakajima (Project Coordinator, Waste &amp; Biomass Team, New Energy Technology Development Department, NEDO, Japan) <b>Introduction of Bioenergy Conversion Development in NEDO</b></li> <li>* Prof. Morihiro Kurushima (Program Manager, NEDO, Japan) <b>Challenges on New Technologies for a Sustainable Energy System</b></li> </ul> </li> </ul>
<b>18:30</b>	<b>Welcome Party</b>

### Wednesday, December 14, 2005

<b>Time</b>	<b>Activity</b>		
<b>08:30-10:00</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Panel Discussion 1</b> <b>Biomass Availability (1)</b> <b>Sustainable Biomass Production and Utilization: Potential and Possibilities</b></p> <p><b>Participants</b></p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Panel Discussion 2</b> <b>Biomass Fuel for Vehicles</b></p> <p><b>Participants</b></p> </td> </tr> </table>	<p><b>Panel Discussion 1</b> <b>Biomass Availability (1)</b> <b>Sustainable Biomass Production and Utilization: Potential and Possibilities</b></p> <p><b>Participants</b></p>	<p><b>Panel Discussion 2</b> <b>Biomass Fuel for Vehicles</b></p> <p><b>Participants</b></p>
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<b>10:00-10:30</b>	<b>Coffee Break</b>		
<b>10:30-12:00</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Panel Discussion 3</b> <b>Biomass Availability (2)</b> <b>How to Utilize Woody Biomass in Southeast Asia</b></p> <p><b>Participants</b></p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Panel Discussion 4</b> <b>R&amp;D for Future Bioenergy</b></p> <p><b>Participants</b></p> </td> </tr> </table>	<p><b>Panel Discussion 3</b> <b>Biomass Availability (2)</b> <b>How to Utilize Woody Biomass in Southeast Asia</b></p> <p><b>Participants</b></p>	<p><b>Panel Discussion 4</b> <b>R&amp;D for Future Bioenergy</b></p> <p><b>Participants</b></p>
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<b>12:00-14:00</b>	<b>Lunch Break / Poster Session</b>		
<b>14:00-15:30</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"><b>Panel Discussion 5</b></td> <td style="width: 50%; vertical-align: top;"><b>Panel Discussion 6</b></td> </tr> </table>	<b>Panel Discussion 5</b>	<b>Panel Discussion 6</b>
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	<p><b>Biomass Utilization</b></p> <p><b>Participants</b></p>	<p><b>LCA</b></p> <p><b>Participants</b></p>
15:30- 16:00	<b>Coffee Break</b>	
16:00-17:00	<p><b>Closing Session</b></p> <p>Chaired by: Dr. Paritud Bhandhybanyong (NSTDA, Thailand) Mr. Takayuki Matsuo (AIST, Japan)</p> <p><b>Report on International Follow-Up Seminar</b></p> <ul style="list-style-type: none"> <li>• Dr. Atsushi Fukuda (Nihon University, Japan) <b>Promotion on Clean Development Mechanism in Transport Sector and Bio-Diesel Fuel Project Perspectives in Thailand</b></li> </ul> <p><b>Wrap Up and Biomass-Asia Strategy</b></p> <ul style="list-style-type: none"> <li>• Panel 1: <b>Biomass Availability (1) Sustainable Biomass Production and Utilization: Potential and Possibilities</b></li> <li>• Panel 2: <b>Biomass Fuel for Vehicles</b></li> <li>• Panel 3: <b>Biomass Availability (2) How to Utilize Woody Biomass in Southeast Asia</b></li> <li>• Panel 4: <b>R&amp;D for Future Bioenergy</b></li> <li>• Panel 5: <b>Biomass Utilization</b></li> <li>• Panel 6: <b>LCA</b></li> </ul> <p><b>Chairperson's Summary</b></p> <ul style="list-style-type: none"> <li>• Ms. Sumalai Srikumlaithong (Deputy Governmor (R&amp;D), TISTR) on behalf of Dr. Saksit Tridech (Permanent Secretary of the Ministry of Science and Technology, Thailand) <b>Summary</b> and <b>Final Statement</b></li> </ul> <p><b>Closing Address</b></p> <ul style="list-style-type: none"> <li>• Dr. Nongluck Pankurdee (Governor, TISTR, Thailand)</li> </ul> <p><b>Group photos</b></p>	
17:30	<b>Banquet</b>	

### Thursday, December 15, 2005

#### Excursion to Pornvilai Factory (Tha Rua District, Ayutthaya Province)

Time	Activity
7:30	Meet at Century Park Hotel
8:00	Depart for Ayutthaya Province
10:00	Arrive at Pornvilai Factory Presentation: <b>Market Development of Biofuels in Thailand</b> Factory tour - Ethanol production process ( <b>Brochure</b> )
12:00	Luncheon
13:00	Depart for Bangkok
14:30	Arrive at Century Park Hotel