

**5<sup>th</sup> International Biofuels Conference**  
**February 7 – 8, 2008, Venue: Napoleon Hall, Hotel Le Meridien, Janpath, New Delhi**

**PROGRAM SCHEDULE**

**DAY ONE – February 7, 2008, Thursday**

**08:30 – 09:30            REGISTRATION**

**09:30 – 11:00            SESSION I: Policy Perspectives on Biofuels**

**Chairperson:**

- **Welcome Note:** Dr. Kinsuk Mitra, President, Winrock International India
- **Inaugural Address:** Mr. Montek Singh Ahuwalia, Deputy Chairperson, Planning Commission (Invited)
- Overview on the Objectives and Progress of the Competence Platform on Energy Crop and Agro forestry systems for Arid and Semi-arid Eco-systems – Africa (COMPETE) project, Dr. Rainer Janssen, Wirtschaft und Infrastruktur GmbH & Co Planungs-KG (WIP), Germany
- Long-term National Program for Biofuels Promotion in Poland, Dr. Miloslaw Kozak, Poznan University of Technology, Polish Technology Platform for Biofuels
- Biofuels Production and Its Use in Brazil: The Long Experience with Ethanol and The New Biodiesel Program, Prof Arnaldo Walter, State University of Campinas – Unicamp Campinas – Brazil
- Presentation on Biofuels Overview in Africa, by Prof. Francis Yamba, Zambia

**Question Answers and Discussions**

**11:00 – 11:30            TEA**

**11:30 – 13:15            SESSION II: Biofuels for Accelerating Rural Development**

**Chairperson:            Dr. Subhas Pani, Secretary, Department of Rural Development, Ministry of Rural Development, Govt. Of India (Invited)**

- **Theme Paper:** Dr. Renu Swarup, Advisor, Department of Biotechnology, Ministry of Science and Technology, Govt. of India
- Dr. D. Ramakrishnaiah, Director (TE), Department of Land Resources, Ministry of Rural Development, Govt. of India (Invited)
- Sweet Sorghum: A dryland-adapted bioethanol feedstock yielding both grain and fuel, Mr. Belum VS Reddy, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru.
- Biofuel and Rural Development, Dr. Anant P. Saxena, Chief Operating Officer, IKF Technologies Ltd., New Delhi.

- On-Farm Research Experiences of CRIDA on Biofuel Plantations, Mr. G.R.Rao et al, Research Institute for Dryland Agriculture, Hyderabad
- Remote Village Electrification through the Biofuel Route: Winrock International India's Experience, Mr. Prodyut Mukherjee, Program Officer, Winrock International India, New Delhi.

**13:15 – 14:00            LUNCH**

**14:00 – 15:30            SESSION III: Voices from the States: Strategies and Implementation Mechanism**

**Chairperson:            Shri Shivaraj Singh, Chief Secretary, Government of Chhattisgarh (Invited)**

- **Theme Paper:**
- Biofuels Initiatives in Chhattisgarh, Mr. S.K. Shukla, Executive Director, Chhattisgarh Biofuel Development Authority, Raipur (Invited)
- Biofuels : Present status and potential in Rajasthan, Dr. P.C. Chaplot, Assistant Professor and Principal Investigator (Jatropha Projects), Directorate of Extension Education, MPUAT, Udaipur (Invited)
- **Representative from Andhra Pradesh** (Invited)
- **Representative from Uttarakhand** (Invited)
- **Representative from Karnataka** (Invited)

#### **Question Answers and Discussions**

**15:30 – 16:00            TEA**

**16:00– 17:45            SESSION IV: Recent Advances in Production Techniques**

**Chairperson:            Shri V. Subramanian, Secretary, Ministry of New & Renewable Energy, Govt. of India**

- **Theme Paper:** Value Added Byproducts from Seedcake, Dr. R. B. N Prasad, Indian Institute of Chemical Technology, Hyderabad
- Centia™ – An Innovative Technology for Converting any Renewable Oil into High-Value Fuels, Dr. William Roberts, Professor and Director, Department of Mechanical & Aero Engineering, NC State University, Raleigh, New Carolina, US
- Investigation on Short Bioenergy Chains Based on the Direct Use of Pure Vegetable Oil, Dr. V. K. Sharma, Senior Scientist, Solar Test Laboratory and Biomass Section, ENEA Research Centre Trisaia, Italy.
- Technology for Biodiesel Production - Status Today, Dr. D.K. Tuli, Indian Oil Technologies, Faridabad.
- Dr. Suhas P Wani, Principal Scientist (Watersheds) and Regional Theme Coordinator (Asia), International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru
- Crude Glycerine Derivates from Biodiesel Processes, Dr. V.V. Mahajani, Professor of Chemical Engineering, Institute of Chemical Technology, Matunga, Mumbai

#### **Question Answers and Discussions**

**17:45 – 18:30**      **Break**

**18:30 – 20:00**      **Inauguration of the Country's First Successful Village Electrification Project based on Straight Jatropha Oil**

**Opening Address:**      Mrs. Pushpa Sundar, Chairperson, Board of Governors, Winrock International India

**Project Inauguration:**      Dr. Manmohan Singh, Hon'ble Prime Minister of India (Invited)

**Special Address:**      Shri Vilas Muttemwar, Hon'ble Minister, Ministry of New and Renewable Energy, Govt. of India (Invited)

**Special Address:**      Dr. Raman Singh, Hon'ble Chief Minister of Chhattisgarh (Invited)

**Documentary Film Screening on Kawardha Project**

**Documentary Film on Winrock International India**

**Vote of Thanks:**      Dr. Kinsuk Mitra, President, Winrock International India

**Dinner**

**END OF DAY ONE**

**DAY TWO – February 8, 2008, Friday**

**09:30 – 11:15**      **SESSION V: Sustainability Issues and Nexgen Biofuels**

**Chairperson:**      **Dr. T. Ramasami, Secretary, Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India (Invited)**

- Presentation by Imperial College on Sustainability Issues, Mr. Jeremy Woods and/or Mr. Rocio Diaz (Invited)
- Microalgae Route to Biodiesel: Prospects, Potential and Process Design, Dr. Vijayanand S. Moholkar, Indian Institute of Technology (Guwahati)

- Biochemical conversion of Rice Straw into Bioethanol- An Exploratory Investigation, Dr. K. Subramanian, Professor, Department of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam
- Importance of Microbial Sources in the Production of Biodiesel, Mr. BVS Rao, Indian Institute of Chemical Technology, Hyderabad
- Dr. Ashish Rana, Senior Economist, Energy Research Group, Reliance Industries Ltd., Navi Mumbai
- Biodiesel Taxation Policies Worldwide, Mr. Suchit Singh, Department of Economics, Indian Institute of Technology (Kanpur); Mr. Mrityunjay K. Shukla, Indian Institute of Petroleum, Dehradun, Mr. Sudhir Singhal, Former Director, Indian Institute of Petroleum, Dehradun
- Importance of Cellulases in Bioethanol from Biomass: A Review, Mr. Nitin Verma, Department of Paper Technology, Indian Institute of Technology, Roorkee, Saharanpur campus, Saharanpur, India

### **Question Answers and Discussions**

**11:15– 11:45            TEA**

**11:45 – 13:30            SESSION VI: Biofuels Applications for the Transport Sector**

**Chairperson:            Mr. Dilip Chenoy, Director General, Society of Indian Automobile Manufacturers (SIAM)**

- **Theme Paper:** Biofuels as Future Fuel for Automotive Vehicles –An OEM's Viewpoint of Requirements & Issues, Dr. Mathew Abraham, Society of Indian Automobile Manufacturers (SIAM)
- Straight Vegetable Oils (SVO) for Engines: Challenges and the Possibilities, Dr. G.K. Sharma, The international Centre for Automotive Technology (iCAT), Manesar, Haryana
- Bio-Ethers as Transportation Fuel: A Review; Mr. Mritunjay Kumar Shukla et al, Indian Institute of Petroleum, Dehradun
- Performance Analysis of Biodiesel on Single Cylinder C.I. Engine, Mr. S.J.Deshmukh; Asst. Professor, Department of Mechanical Engineering, PRMIT&R, Badnera, Amravati
- Performance Evaluation of a Low Heat Rejection Diesel Engine with Different Degrees of Insulation with Alternate Fuels, Dr. M.V.S.Murali Krishna et al, Mechanical Engineering Department, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad
- Emission and Performance Characteristics of a Single Cylinder C.I Engine Operating on Esterified Rice Bran Vegetable Oil and Diesel Fuel, Mr. K.Thirupathi Reddy et al, Associate Professor, Mechanical Engineering, R.G.M College of Engineering & Technology, Kurnool

**13:30 – 14:15            LUNCH**

**14:15 – 16:00            SESSION VII: Panel Discussion on National Roadmap for Biofuels Sector**

**Chairperson:            Dr. D.N. Tewari, Vice Chairman, State Planning Board, Government of Chhattisgarh (Invited)**

**Panelists:**

- Mr. Ajit Gupta, Adviser, Ministry of New and Renewable Energy, Govt. of India (Invited)
- Mr. Surya P. Sethi, Principal Advisor (Energy), Planning Commission, Govt. of India
- Mr. Bhaskar Chatterjee, Additional Secretary, Department of Land Resources, Ministry of Rural Development, Govt. of India (Invited)
- Mr. Ravi Capoor, Executive Director, Petroleum Conservation Research Association, Ministry of Petroleum & Natural Gas, Govt. of India (Invited)
- Dr. M.S. Punia, Executive Director, National Oilseeds & Vegetable Oils Development (NOVOD) Board, Ministry of Agriculture, Govt. of India (Invited)
- Mrs. Veena Sekhri, Chief Conservator Forests, Garhwal, Govt. of Uttarakhand (Invited)

**16:00 – 16:30            TEA**

**16:30 – 17:00            Summing Up**