

Indo-Finnish collaborative conference

Opportunities with Biofuel

Co-benefit of Air quality Improvement

Magnolia Hall, India Habitat Center, New Delhi 110 003, India
3 December 2019 (Tuesday)



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Opening Session 10:00 to 11:15

Welcome address	<i>Dr. Ajay Mathur, Director General, TERI</i>
Background of the conference	<i>Dr. Banwari Lal, Senior Director, Environmental & Industrial Biotechnology Division, TERI</i> <i>Dr. Mohd. Aslam, International Collaboration, Department of Biotechnology, Government of India</i> <i>Ms. Ritva Koukku-Ronde, Ambassador, Finland Embassy, India</i>
Key note address: BioFuels - Initiatives in India	<i>Dr. Reji Mathai, General Manager, IOCL Research and Development Center, Faridabad</i>
Vote of thanks	<i>Dr. Sumit Sharma, Director, Earth Sciences & Climate Change Div., TERI</i>

TEA BREAK 11:00 to 11:15

Session 1: Biofuel 11:15 to 1300

Chair: <i>Dr. Y. B. Ramakrishnan, Working group on Biofuel, Ministry of Petroleum and Natural Gas, Government of India</i>	
11:20 to 11:40	<i>Dr. Sangeeta Kasture, Department of Biotechnology, Government of India</i> Government of India Initiatives in Biofuel Research
11:40 to 12:00	<i>Dr. Piyali Das, TERI</i> Advanced Biofuel Research in TERI
12:00 to 12:20	<i>Dr. Sanjukta Subudhi, TERI</i> Hydrogen production through biological route: Moving towards use of next generation feedstock
12:20 to 12:40	<i>Dr. Amulya Panda, DBT-National Institute of Immunology, New Delhi</i> Future of Biofuel in India
12:40 to 13:00	<i>Discussions</i>

LUNCH BREAK 13:00 to 14:00



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Session 2: Tailpipe emissions in transport sector 14:00 to 15:30

Chair: Dr. Anuradha Shukla, CSIR-Central Road Research Institute, New Delhi

- 14:00 to 14:15** *Ms. Akansha Jain, TERI*
Issues related to emissions from the transport sector
- 14:15 to 14:30** *Dr. Mouqtik Bawase, ARAI*
Development of emission factor for different types of vehicle
- 14:30 to 14:45** *Dr. Prashant Kumar, IOCL Faridabad*
Recent Trends in Transport Sector Emissions & their Abatement: Initiatives by Indian Oil™
- 14:45 to 15:00** *Prof. Topi Rönkkö, Tampere University, Finland*
Characteristics and transformation of particle emissions of traffic
- 15:00 to 15:15** *Dr. Anju Goel, TERI*
Nanoparticle emission inventory from the transport sector in the NCR, India
- 15:15 to 15:30** *Discussion*
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Session 3: Air quality measurement 15:30 to 17:00

Chair: Dr. Prashant Gargava, Member secretary, Central Pollution Control Board, New Delhi

- 15:30 to 15:45** *Dr. Antti Hyvärinen, Finnish Meteorological Institute, Helsinki*
Air quality monitoring in Helsinki, Finland
- 15:45 to 16:00** *Dr. C. Sharma, Sr. Principal Scientist, CSIR-National Physical Laboratory, New Delhi*
Standards and calibration of instruments for ambient air quality measurement
- 16:00 to 16:15** *Laura Salo, Tampere University, Finland*
Sensor based measurements of ambient aerosols
- 16:15 to 16:30** *Juha Tikkanen, Pegasor Oy, Finland*
Long term continuous nanoparticle monitoring in ambient air
- 16:30 to 16:45** *Dr. Rakesh Hooda, Finnish Meteorological Institute, Helsinki*
Aerosol variability measurements in TAQIITA-project
- 16:45 to 17:00** *Discussion*
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TEA

Panel Discussion: Traffic, Fuel & Air Pollution 17:00 to 18:00

Moderator: *Dr. Ajay Mathur, Director General, TERI*

Dr. S. P. Parihar, Chairman, CPCB, New Delhi

Dr. S.S.V. Ramakumar, Director, Indian Oil Corporation Ltd., R & D Center, Faridabad

Mr. Jukka Holappa, Commercial Counselor, Business Finland

Dr. Alka Sharma, Scientist G, Department of Biotechnology, Government of India



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