

Thematic session I (continued)

- 1115-1215 **Paper presentations**
Chair: Dr J Gururaja, former Senior Technical Advisor, United Nations Department for Economic and Social Affairs (UNDESA)
1. A critical appraisal of energy resource policies vis-à-vis development and growth in Northeast India (Dr Chandan Mahanta, Indian Institute of Technology, Guwahati, India)
 2. Energy shortfalls and system nutrient decline: an integrated research approach for addressing problems on the environment-poverty interface (Dr Laura German, African Highlands Initiative, Uganda)
 3. Ingredients for success in India's biomass industry (Ms Dawn Lippert, Yale University, United States and Dr V V N Kishore, TERI, India)
 4. Women, economic development, and the environment (Dr Ruth Nabinta, Adult Education and Social Development Institute, Nigeria)
 5. Utilization of sustainable energy systems for productive purposes in rural areas: the case of Benin Republic (Mr Kevo Luc Tussou, Department of Energy, Benin)
- 1215-1330 **Panel discussion**
Chair: Dr Leena Srivastava, Executive Director, TERI
Panelists:
- Dr J Gururaja, former Senior Technical Advisor, UNDESA
 - Mr Jean Jaujay, Senior Manager, Energy Access Programme, Electricite de France (EDF)
 - Dr Ananth Chikkatur, Research Fellow, Science, Technology, and Public Policy Program, Kennedy School of Government, Harvard University
 - Mr Emiel van Sambeek, ECN Policy Studies, The Netherlands
 - Mr Khalid Semmaoui, General Manager, TEMASOL, and Mr Philippe Bosse, AFD/FFEM
 - Dr Moinul Sharif, Programme Officer, Global Network on Energy for Sustainable Development (GNESD), Denmark
- 1330-1430 Lunch
- 1430-1745 **Thematic session II: Sustainable lifestyles**
This session will focus on topics such as patterns of energy use in food production or waste generation, modification of consumption patterns, and sustainable urban mobility.
- 1430-1500 **Chair:** Dr A Ramachandran, Chairman, TERI Governing Council
Keynote speech: Prof. Emil Salim, Former Minister for Population and Environment, Indonesian Biodiversity Foundation, Indonesia
- 1500-1600 **Paper presentations**
Chair: Ambassador C Dasgupta, Distinguished Fellow, TERI
1. Personal choices and associated emissions: Are "modern" lifestyles really sustainable? (Ritu Mathur, TERI, India)
 2. Travel demand management: a sustainable policy option for transportation induced climate change in developing countries (Mr Joshua Odeleye, Nigerian Institute of Transport Technology,

- Nigeria)
3. A proposal to shift to using yearlong daylight saving time in India (Prof. Dilip Ahuja and Prof. D P Sen Gupta, National Institute of Advanced Studies, India)
 4. Sustaining energy and resource use in groundwater: an optimal control model for scenario generation (Dr Farhet Shaheen, India)
 5. Need for cost effective cold storage and solar energy penetration in the Indian food production and processing sector (Mr I Thanumoorthi, TERI, India)

1600-1630

Coffee break

Thematic session II (continued)

1630-1745

Panel discussion

Chair: Ambassador C Dasgupta, Distinguished Fellow, TERI

Panelists:

- Dr Daniel Cukierman, CEO Asia, Veolia Transport
- Prof. Nicolas Gravel, Research Fellow, Centre de Science Humaines (Delhi) and IDEP-GREQAM
- Prof. Zhou Hongchun, Division Director, Department of Social Development, Development Research Centre of the State Council, China
- Ms Sylvia Lorek, Sustainable Europe Research Institute, Germany
- Mr S Sundar, Distinguished Fellow, TERI
- Dr Zhao Xingshu, Research Center for Sustainable Development, Institute of American Studies, Chinese Academy of Social Sciences (CASS)

Friday, 15 December 2006

0930-1300

Thematic session III: Local dimensions of global environmental challenges

This session will focus on issues of equity, livelihoods, and access to common property resources, conflicts arising from water scarcity and threats to food security, and linkages between climate change adaptation and the Millennium Development Goals.

0930-1100

Paper presentations

Chair: Dr Georges Valentis, Managing Director, VEI

1. Climate change and the challenge to achievement of Millennium Development Goals in the developing countries (Dr Sarah Ahmed, Maharaja Sayajirao University of Baroda, India)
2. Impacts of water and food security on human health in the mining region (Ms Melba D'Souza, India)
3. Threats to biodiversity conservation: vulnerable livelihoods and illegal resource extraction in the Royal Bardia National Park, Nepal (Ms Shova Thapa, Science and Technology Policy Research, University of Sussex, United Kingdom)
4. Pilot study of household energy, indoor air pollution and health: assessment in households from four different regions in India (Dr R Uma and Mr Santhosh Raghavan, TERI, India)

1100-1130

Coffee break

- 1130-1200 **Paper presentations (continued)**
Chair: Dr Georges Valentis, Managing Director, VEI
5. Social carbon – adding value to sustainable development and renewable energy projects (Mr Divaldo Rezende, Instituto Ecológica, Brazil)
 6. The human dimensions of forest change: observations from the air and on the ground (Dr Harini Nagendra, Indiana University and ATREE, India)
- Thematic session III (continued)**
- 1200-1330 **Panel discussion**
Chair: Prof. Akio Morishima, Chair of the Board of Directors, Institute for Global Environmental Strategies (IGES), Japan
Panelists:
- Dr Q K Ahmad, Chairman, Bangladesh Unnayan Parishad
 - Ms Preety Bhandari, Director, Policy Analysis Division, TERI
 - Dr Jean-Marie Gugenheim, Deputy General Manager, Veolia Water, Africa - Middle East - Indian Subcontinent
 - Mrs Rohini Nilekani, Chairperson, Arghyam Foundation
 - Dr Ambuj Sagar, Senior Research Associate, John F Kennedy School of Government, and Assistant Dean for Strategic Planning, Division of Engineering and Applied Sciences, Harvard University
- 1330-1430 Lunch
- 1430-1730 **Thematic session IV: Globalization – forces of change**
This session will tackle issues of energy access in the changing global scenario. What conditions are essential to ensure that globalisation and economic growth translate into reduced inequities? What business models are needed to enhance access of the rural poor to energy and other services? How should we combine technology innovation, local empowerment, and adaptation of existing knowledge and experience to suit local needs to provide goods and services that enhance their productivity?
- 1430-1530 **Paper presentations**
Chair: Prof. Y K Alagh, Former Minister of Power, and Science and Technology, Government of India
1. Industrial ecology and environmental priorities (Dr Ramesh Ramaswamy, Resource Optimization Initiative, India)
 2. Dignity through electricity for rural under-privileged (Mr Jasjeet Singh Chaddah and Mr Kama Krishna, Grameen Surya Bijlee Foundation, India)
 3. Measurement of energy price induced technological change: a directional distance function approach (Dr Surender Kumar, TERI University, India)
 4. Developing an economic value chain model for energy and livelihood security of the rural poor in India (Ms Kumudhini Ravindra and Dr Anjula Gurtoo, Indian Institute of Science, India)
- 1530-1600 Coffee break
- Thematic session IV (continued)**
- 1600-1730 **Panel discussion**
Chair: Prof. Y K Alagh, Former Minister of Power, and Science and

Technology, Government of India

Panelists:

- Mr Raj Chengappa, Managing Editor, India Today
- Dr Hans Eerens, EEA - European Topic Centre on Air and Climate Change, MNP Office for Environmental Assessment associated with RIVM, National Institute for Public Health and the Environment, The Netherlands
- Dr Laurence Tubiana, Director, IDDRI
- Dr Vinod Vyasulu, Secretary, Centre for Budget and Policy Studies, Bangalore

Saturday, 16 December 2006

0930-1300

Thematic session V: Technological leapfrogging

This session will address issues of technology adaptation, building capability, ensuring financial and physical access, and policy frameworks that facilitate technology adoption.

0930-1030

Paper presentations

Chair: Prof. Eric Godelier, Director of Research, Management Research Centre (CRG), Ecole Polytechnique, France

1. Fuel cell operated reverse osmosis desalination system (Dr Najem Al-Najem, Kuwait University, Kuwait)
2. Knowledge sharing and development of linkages for technology development, dissemination, and concomitant social action in small and micro enterprises (Mr Abhishek Nath, TERI, India)
3. Status of implementation of the Clean Development Mechanism in Brazil (Ms Kamyla Cunha, University of Campinas, Brazil)
4. Methanogenesis of in-situ coal: a leapfrogging technology for sustainable energy extraction from non-extractable coal deposits (Mr Umesh Prasad Singh, Coal India Ltd, India)

1030-1100

Coffee break

1100-1130

Chair: Dr Diwesh N Sharan, Principal Economist (Infrastructure), Regional and Sustainable Development Department, Asian Development Bank

Keynote speech: Prof. Ashok Jhunjunwala, Department of Electrical Engineering, Indian Institute of Technology Madras

1130-1300

Panel discussion

Chair: Prof. Eric Godelier, Director of Research, Management Research Centre (CRG), Ecole Polytechnique, France

Panelists:

- Dr Ananth Chikkatur, Research Fellow, Science, Technology, and Public Policy Program, Kennedy School of Government, Harvard University
- Dr Pierre Jaboyedoff, SORANE SA and SDC consultant
- Prof. Ashok Jhunjunwala, Indian Institute of Technology Madras
- Dr Ajay Mathur, Director-General, Bureau of Energy Efficiency, India
- Dr Saswinadi Sasmojo, Director, Del Polytechnic of Informatics,

Indonesia

- 1300-1400 Lunch
- 1400-1530** **Thematic session VI: Revitalizing research and development**
This session will discuss how developing countries can move towards higher levels of R&D capacity, innovation, and action for sustainable development.
- Chair:** Mr S Sundar, Distinguished Fellow, TERI
- Panelists:**
- Prof. Shuichiro Asao, Project Professor, AGS Promotion Office, University of Tokyo
 - Dr R K Pachauri, Director-General, TERI
 - Dr A K Vora, former Managing Director, Tata BP Solar
 - Prof. Wei Zhihong, Tsinghua University, Beijing
 - Mr Kentaro Toyama, Group Leader, Technologies for Emerging Markets, Microsoft Research India
- 1530-1600 Coffee break
- 1600-1730** **Concluding session**
- 1600-1620 *Special remarks*
Dr R K Pachauri, Director-General TERI
- Release of “GREEN India 2047 Renewed: Looking Back to Change Track”*
- 1620-1650 *“Environment and Poverty: One World or Two?”*
Valedictory address by Prof. Amartya Sen, Nobel Laureate, and Lamont University Professor and Professor of Economics and Philosophy, Harvard University
- 1650-1730 *Interactive session*
- 1730-1745 *Concluding remarks*
Dr Georges Valentis, Managing Director, IVE
Dr Laurence Tubiana, Director, IDDRI