

International Symposium on

**TECHNOLOGY, JOBS AND A LOWER CARBON FUTURE:
Methods, Substance and Ideas for the Informal Economy
(The case of rice in India)**

13-14 June 2013

Programme

Venue

Lecture Room II, India International Centre (Annexe)
40, Max Mueller Marg, New Delhi

Organised by



with support from



PROGRAMME

Day 1: THURSDAY, 13 JUNE 2013

0900-0930 hrs	:	REGISTRATION
0930-1030	:	SESSION I - OPENING SESSION
Welcome and Opening Remarks	:	Professor Alakh N. Sharma Director, Institute for Human Development (IHD) New Delhi
Introduction to the Research Study	:	Professor Barbara Harriss-White Senior Research Fellow, Area Studies, Oxford University; Emeritus Fellow, Wolfson College, Oxford; Emeritus Professor of Development Studies, Oxford University <i>and</i> Dr Alfred Gathorne-Hardy Area Studies, Oxford University
Keynote Address	:	Professor Yoginder K. Alagh Chancellor, Central University of Gujarat and Former Union Minister for Science & Technology and Planning
1030-1100	:	TEA/COFFEE
1100-1230	:	SESSION II: UNDERSTANDING THE INFORMAL ECONOMY THROUGH VALUE CHAINS
Chair	:	Dr. T. S. Papola ICSSR National Fellow, Institute for Studies in Industrial Development (ISID), New Delhi
Presentation	:	India's Informal Economy and the Value of Value Chain Analysis: A Case Study of Rice
Thematic Leader	:	Dr. R. Hema , Associate Professor, Madras School of Economics, Chennai
Presentation	:	Costs, returns and value addition for four methods of rice production and two post-harvest systems
Thematic leader	:	Dr. R. Hema , Associate Professor, Madras School of Economics, Chennai

- Discussants : **Dr. Sukhpal Singh**
Chairperson, Centre for Management in Agriculture (CMA), Indian Institute of Management (IIM) Ahmedabad
- Dr. Mridul Eapen**
Former Member, Kerala State Planning Board and Honorary Fellow, Centre for Development Studies Thruvananthapuram
- 1230-1315** : **SPECIAL SESSION**
- Special Address **Shri Jaipal Reddy**
Union Minister for Science & Technology and Earth Sciences, Government of India
- Chair : **Professor Yoginder K. Alagh**
Chancellor, Central University of Gujarat and Former Union Minister for Science & Technology and Planning
- 1315-1415** : **Lunch Break**
- 1415-1600** : **SESSION III:
THE INFORMAL ECONOMY AND ITS GREENHOUSE GASES – PROBLEMS AND POTENTIALS OF MEASUREMENT**
- Chair : **Dr. R B Singh**
President, National Academy of Agricultural Sciences New Delhi
- Presentation : **Baselines and Boundaries for Rice LCA**
- Thematic leader : **Dr. Alfred Gathorne-Hardy**, Area Studies, Oxford University
- Presentation : **Fusing Life Cycle Assessment (LCA) and Value Chain Analysis (VCA) in the Informal Economy**
- Thematic leaders : **Dr Alfred Gathorne-Hardy**, Area Studies, Oxford University *and*
Dr. R. Hema, Associate Professor, Madras School of Economics, Chennai
- Discussants : **Professor Ritu Mathur**
Adjunct Faculty, Green Growth and Development Division, Department of Energy and Environment TERI University, New Delhi

Professor Sanjeev Ghotge
Joint Director (Research) and Head
Centre for Climate and Sustainable Policy (CCSP)-WISE
Pune

- 1600 – 1615** : **TEA BREAK**
- 1615-1800** : **SESSION IV:
RESULTS: GREENHOUSE GASES AND THE RICE
SUPPLY CHAIN**
- Chair : **Dr. P. Banerjee**
Director, CSIR- National Institute of Science Technology
and Development Studies (CSIR-NISTADS), New Delhi
- Presentation : **A Life Cycle Assessment of Four Rice Production
Systems: High Yielding Varieties, Rain-Fed Rice,
System of Rice Intensification and Organic Rice**
- Thematic leader : **Dr. Alfred Gathorne-Hardy**, Area Studies, Oxford
University
- Discussants : **Dr. Rajeswari Raina**
Scientist, CSIR- National Institute of Science Technology
and Development Studies (CSIR-NISTADS), New Delhi
- Dr. Malti Goel**
Centre for Science Policy Studies, Jawaharlal Nehru
University (JNU), New Delhi
- 19.00 pm** : **COCKTAILS AND DINNER**

Day 2: THURSDAY, 14 JUNE 2013

- 09-00 -10.30 hrs** : **SESSION V:
A SYSTEMS APPROACH TO MATERIAL EFFECTS –
AND THEIR TRADE-OFFS**
- Chair : **Prof. Ramesh Chand**
Director, National Centre for Agricultural Economics
and Policy Research, New Delhi
- Presentation : **Embodied Emissions and Dis-Embodied Jobs: The
Environmental, Social and Economic Implications
of the Rice Production-Supply Chain In South East
India**
- Thematic Leader : **Dr Alfred Gathorne-Hardy**, Area Studies, Oxford
University
- Discussants : **Dr. T.K. Adhya**
Ex-Director, Central Rice Research Institute, Cuttack
and Professor, School of Biotechnology, KIIT University
Bhubaneswar
- Dr. Prem Vashistha**
Dean, School of Humanities and Social Sciences
Galgotia University
- 1040-1100** : **TEA/COFFEE BREAK**
- 1100-1230** : **SESSION VI:
REGIONAL AND TECHNOLOGICAL VARIATIONS**
- Chair : **Professor S. R. Hashim**
Chairman, IASSI and Former Member, Planning
Commission, Government of India
- Presentation : **SRI Cultivation in Andhra Pradesh: Achievements,
Problems and Implications for GHGs and Work**
- Thematic leader : **Professor D.N. Reddy**, SR Sankaran Chair Professor
National Institute of Rural Development (NIRD)
Hyderabad
- Presentation : **Production and Exchange Relations in Rain-Fed
Agriculture: The Case of Rice In Odisha**
- Thematic leader : **Professor Deepak K. Mishra**, Associate Professor
Centre for the Study of Regional Development
Jawaharlal Nehru University (JNU), New Delhi

Discussants	:	Dr. P.S. Birthal Principal Scientist, National Centre for Agricultural Economics and Policy Research (NCAP), New Delhi
		Dr. Anjani Kumar Principal Scientist, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)
1245-1345	:	LUNCH
1345-1500	:	SESSION VII: INFORMAL LABOUR, INFORMALISING POLICY
Chair	:	Professor Jeemol Unni Director, Institute of Rural Management, Anand Ahmedabad
Presentation	:	Employment, Working Conditions and the Supply-Chain Procurement Process for Rice Retailed in Chennai
Thematic leaders	:	Mr. Gautam Mody , New Trades Union Initiative, Delhi Mr. Mohan Mani & Ms Meghna Sukumar , Centre for Workers' Management
Presentation	:	The Regulation of Markets and the Interface between Formality and Informality
Thematic Leader	:	Professor Aseem Prakash , Assistant Professor and Assistant Dean (Research and International Collaboration), Jindal School of Government and Public Policy, O P Jindal Global University, Sonapat
Discussants	:	Ms. Champaka Rajagopalan Principal, Urban Study and Consulting, EGIS India and Visiting Faculty, RV School of Architecture, RV Engineering College, Mysore Road, Bangalore
		Dr. Praveen Jha Professor, Centre for Economic Studies and Planning Jawaharlal Nehru University
1500 to 1515	:	TEA

- 1515- 1615 : **SESSION VIII:
INNOVATION AND POLICY INNOVATIONS**
- Chair : **Professor Dev Nathan**
Institute for Human Development, New Delhi
- Presentation **Questions of alternatives and the engagement with policy:**
a) Innovation in the informal economy;
b) Trade-offs between GHGs, jobs and costs in the search for lower C alternatives: the potential of multi-criteria mapping
- Thematic Leader : **Professor Barbara Harriss-White**, Senior Research Fellow, Area Studies, Oxford University; Emeritus Fellow, Wolfson College, Oxford, Emeritus Professor of Development Studies, Oxford University
- Discussants : **Dr. Jayanta Bandyopadhyay**
Adviser to IUCN, India and the Tufts (USA)
- Dr. Vinod Vyasulu**
Research Advisor, Indian Institute for Human Settlements, Bangalore
- 1615- 1715 ; VALEDICTORY SESSION**
- Chair : **Dr. Rajendra K. Pachauri**
Senior Adviser, Yale Climate and Energy Institute (YCEI) and Director General, TERI
- Presentation of the main : **Professor Barbara Harriss-White**
Deliberations and Conclusions Senior Research Fellow, Area Studies, Oxford University; Emeritus Fellow, Wolfson College, Oxford Emeritus Professor of Development Studies, Oxford University
- Special Remarks : **Dr. Tishyarakshit Chatterjee**
Director, Indian Institute of Public Administration (IIPA), New Delhi and Former Secretary, Ministry of Forest and Environment, Government of India
- Valedictory Address : **Professor Abhijit Sen**
Member, Planning Commission, Government of India
- Vote of Thanks : **Dr. Preet Rustagi**
Professor and Joint Director, IHD

-----X-----

PARTNERING INSTITUTIONS AND RESEARCHERS

- ❖ Institute for Human Development, New Delhi: Professor D. Narasimha Reddy
- ❖ National Institute for Rural Development, Hyderabad: Professor D. Narasimha Reddy
- ❖ Madras School of Economics, Chennai: Professor R. Hema
- ❖ Jawaharlal Nehru University, New Delhi: Professor Deepak Mishra
- ❖ Jindal Global University, Sonapat: Professor Aseem Prakash
- ❖ New Trade Union Initiatives, Delhi: Mr Gautam Mody
Centre for Workers' Management, Bangalore: Mr. Mohan Mani and Chennai: Ms Meghna Sukumar
- ❖ School of Interdisciplinary Area Studies, Oxford University: Dr Alfred Gathorne-Hardy and Prof Barbara Harriss-White