International Seminar on Energy and Resource Productivity
Santa Barbara, November 17 – 18, 2008
Room ESB 1001, Engineering and Science Building, UCSB

Final Draft Programme

Monday, November 17

9.00 Welcome
Prof. Henry Yang, Chancellor of UCSB
Prof. Matthew Tirrell, Dean, College of Engineering, UCSB
Prof. Ernst von Weizsäcker, Dean, Donald Bren School, Co-Chair, Resource Panel
Prof. John Bowers, Director, Institute for Energy Efficiency, UCSB

10.00 Why developing countries need dramatic increases of energy and resource productivity
Mark Mwandosya, Minister, Tanzania, Member, Steering Committee, Resource Panel
Professor Mark Swilling, South Africa, Member, Resource Panel
Anna-Bella Siriban-Manalang, Director, Centre for Lean Systems, Philippines, Member, Resource Panel

11.00 Coffee Break

11.30 Industrial Ecology and global materials flows
Professor Marina-Fischer-Kowalski, Vienna, President, International Society of Industrial Ecology, Member, Resource Panel

Global Metal Flows: What We Know, What We Don’t
Prof. Tom Graedel, Yale University, Member, Resource Panel

Implication of Global Material Flows from Life Cycle Perspective
Prof. Yuichi Moriguchi, Director, Natl Inst. Env. Studies, Japan, Member, Resource Panel

13.00 Lunch Break

14.00 Frontiers of energy efficiency research
Prof. Steve DenBaars, Institute for Energy Efficiency, UC Santa Barbara
Dr. Jack Sahl, Southern California Edison
Prof. John Bowers, Director, institute for Energy Efficiency

16.00 Coffee Break
16.30 Biofuels
Dr. Stefan Bringezu, Wuppertal Institute, Germany, Member, Resource Panel
Dr. Lea Kauppi, SG, Finnish Environment Institute, Member, Resource Panel

18.00 Cocktails
18.30 Dinner, hosted by the Institute for Energy Efficiency
Dinner Speaker: Mayor Marty Blum, Santa Barbara, introduced by John Bowers

Tuesday, November 18, Morning

9.00 Measuring environmental impacts: Carbon Footprints and Material Flow Analysis
The carbon footprint of nations – A global trade-linked analysis
Prof. Edgar Hertwich, Norwegian University of Science
and Technology Trondheim, Norway, Member Resource Panel
Prof. Roland Geyer, Donald Bren School, Santa Barbara
Prof. Sangwon Suh, Korea, University of Minnesota

10.30 Coffee Break

11.00 Business strategies to reduce environmental impacts
Dr. Ashok Khosla, Founder, Development Alternatives, New Delhi, Member, Resource Panel (India),
Mike Wadden, Accenture

12.30 Lunch Break

13.30 Economic Instruments to improve energy efficiency and resource productivity
Prof. Charlie Kolstad, Donald Bren School, Santa Barbara,
Prof. Ernst von Weizsäcker, Donald Bren School, Co-Chair, Resource Panel
Roadmap of reconciling resource, environment and economy in China
Dr. Yong Ren, Deputy Director General, Ministry of Environmental Protection, Beijing, China, Member, Resource Panel(China)

15.00 Coffee Break

15.30 Government policies to improve energy efficiency and resource productivity
Chair and introducer: Dr. Robert Wilkinson, Donald Bren School
Timo Mäkelä, Director, EU Commission, Chair, Steering Committee, Resource Panel
Prof. Mark Swilling, Sustainable Development Management, University of Stellenbosch, South Africa, Member, Resource Panel

17.00 Concluding Remarks
Jacqueline Aloisi de Larderel, Member, Resource Panel

Until 18.30: Drinks and light snacks outside the meeting room