

FRI, 5 DEC. 08:00 – 09:00	Registration				
09:00 – 09:20	Klaus JACOB, Environmental Policy Research Centre, Freie Universität Berlin <i>Governance for Industrial Transformation: An Introduction</i>				
09:20 – 09:25	Jan NILL, German Association for Ecological Economic Research <i>Welcome address</i>				
09:25 – 09:45	Pier VELLINGA, IHDP-IT <i>Transformation Research to address Global Environmental Change</i>				
09:45 – 10:00	Wolfram MAUSER, Nationales Komitee für Global Change Forschung <i>Research on Global Environmental Change in Germany</i>				
10:00 – 10:30	Rainer BAAKE, State Secretary, Federal Ministry of the Environment, Nature Conservation and Reactor Safety <i>The Conversion of the Energy Supply in Germany</i>				
10:30 – 11:00	Franciscus VOLLENBROEK, European Commission, DG Environment <i>Towards a thematic strategy on the sustainable use of natural resources</i>				
	Multi-actor and multi-level Governance	Transition Strategies	Sustainable Business	Technologies for a Sustainability Transformation	New Generation of Instruments
11:15 – 13:00	Panel A.1 – Sub-National Strategies	Panel B.1 – Conceptual Approaches to Transition Strategies	Panel C.1 – Business and Society	Panel D.1 – Global Development: Past and Future	Panel E.1 – Environmental Management Systems
13:00 – 14:00	Lunch Break				
14:00 – 14:30	Frans BERKHOUT, Director of the Sustainable Technologies Programme, University of Sussex <i>Governance with foresight: the creation and role of guiding visions</i>				
14:30 – 15:00	Marina FISCHER-KOWALSKI, member of the IHDP-IT Scientific Steering Committee, University of Vienna <i>Regional roles in a global game: A neglected aspect of sustainability transition research</i>				
15:00 – 15:30	Ashok JAITLEY, Rural Energy Division, The Energy and Resources Institute (TERI), New Delhi <i>Partnerships for the Sustainable Management of Natural Resources: A case for Decentralised Governance</i>				
15:45 – 17:30	Panel A.2 – Governments and Governance: National and local Experiences I	Panel B.2 – Addressing Early Phases of Transitions	Panel C.2 – Utilities	Panel D.2 – Understanding Technological Development	Panel E.2 – Extending the Information Base for Sustainable Development

SAT, 6 DEC. 08:00 – 09:00	Registration (continued)				
09:00 – 10:45	Panel A.3 – Governments and Governance: National and local Experiences II	Panel B.3 – The Role of Time in the Governance of Transition	Panel C.3 – Industries	Panel D.3 – Foresight as an Instrument for Governance	Panel E.3 – Internalising external costs
11:00 – 11:30	Stefan ZUNDEL, University of Applied Sciences Lausitz <i>Time Strategies for Innovation Policy towards Sustainability</i>				
11:30 – 12:00	René KEMP, Maastricht Economic Research Institute on Innovation and Technology (MERIT) <i>Evolutionary Governance for Sustainability</i>				
12:00 – 12:30	Nicholas ASHFORD, Director of the Technology and Law Program, Massachusetts Institute of Technology, Cambridge <i>Conceptualizing pathways for sustainable transformations: Overcoming market and state failures</i>				
12:30 – 14:00	Lunch Break				
14:00 – 14:20	Martin JÄNICKE, Environmental Policy Research Centre, Freie Universität Berlin <i>Industrial Transformation between Ecological Modernization and Structural Change</i>				
14.20 – 14:40	Jan ROTMANS, Director ICIS, University of Maastricht <i>The Dutch Knowledge Network on Transitions towards Sustainable Development: structure, focus and research agenda</i>				
14:40 – 15:00	Ken GREEN, Director CROMTEC/Institute of Innovation Research, Manchester School of Management <i>Policies for Industrial Transformations in Food Systems</i>				
15:00 – 16:00	Roundtable Discussion with Jan ROTMANNNS, Martin JÄNICKE and Ken GREEN				
16:30 – 18:15	Panel A.4 – Sustainable Development: An International Challenge		Panel C.4 – Agriculture	Panel D.4 – Renewables	Panel E.4 – Stimulating voluntary action
18:30	Adjourn				
20:00	Dinner in traditional Berlin restaurant (by invitation)				

Panel Sessions

A1: Sub-National Strategies

Territorial bottom-up approaches aiming at integrating environmental and employment objectives: A comparative analysis of 170 case studies in the EU

Rolf-Ulrich SPRENGER

Institute for Economic Research at the University of Munich (IfO), Germany

Transnational Public-Private Partnerships for Industrial Transformation: Theoretical and Empirical Exploration of a New Governance Mechanism

Frank BIERMANN/Hans-Dieter SOHN

Institute for Environmental Studies (IVM), Vrije Universiteit Amsterdam, The Netherlands

B1: Conceptual Approaches to Transition Strategies

'Innovation systems and policy-making processes for the transition to sustainability'

Tim FOXON/Zen MAKUCH/Macarena MATA/Peter PEARSON

Environmental Policy and Management Group, Dept. of Environmental Science and Technology, Imperial College, London, United Kingdom

Transforming industrial sustainability under different transition contexts

Adrian SMITH/Frans BERKHOUT/Andy STIRLING

Environment & Energy Programme, SPRU - Science and Technology Policy Research, University of Sussex, United Kingdom

Time strategies in environmental innovation policy - the case of the mobile fuel cell and its infrastructure

Christian SARTORIUS

Technical University Berlin, Energy Systems Unit, Germany

C1: Business and Society

Governance of Sustainable Development: Co-Evolution of Corporate and Political Strategies

Raimund BLEISCHWITZ/ Thomas LANGROCK

Wuppertal Institute, Germany

Private Environmental Governance and the Sustainability Transition: Emergence and Impact of NGO-Business Partnerships

Philipp PATTBERG

MecGlo Research Group, The Global Governance Project, Germany

D1: Global Development: Past and Future

Environmental Benefits of Unintended Economic Developments: Results from a Comprehensive Analysis of Carbon Dioxide Emission and Energy Balances

Manfred BINDER

Environmental Policy Research Centre, Freie Universität Berlin, Germany

Global Multisector/Multicountry 3 - E Modelling From COMPASS to GINFORS

Bernd MEYER/Christian LUTZ/Marc Ingo WOLTER

University of Osnabrück and Gesellschaft für Wirtschaftliche Strukturforchung, Germany

E1: Environmental Management Systems

The Social Construction of Environmental Management Systems

Anja SCHAEFER

King's College London, United Kingdom

Management systems and the environmental performance of companies

Julia HERTIN¹/Frans BERKHOUT¹/Daniel TYTECA²/Walter WEHRMEYER³

1 Freeman Centre, SPRU – Science and Technology Policy Research, University of Sussex, United Kingdom

2 *Université catholique de Louvain, Institut d'Administration et de Gestion, Belgium*

3 *School of Engineering, University of Surrey, United Kingdom*

Eco-efficiency in Finnish EMAS Reports: All Talk No Action or Just Action without Talk
Sanna ERKKO¹/ Per MICKWITZ²/Matti MELANEN²

1 *Union of the Baltic Cities, Commission on Environment Secretariat, Finland*

2 *Finnish Environment Institute, Finland*

Coherence in Environmental Efforts for Industrial Transformation

Ulrik JØRGENSEN/Erik LAURIDSEN HAGELSKJÆR

IPL / Innovation and Sustainability, Technical University of Denmark, Denmark

A2: Governments and Governance: National and local Experiences I

Industrial stress, economic performance and local governance as drivers of local sustainability: measurements and determinants

Tania BRAGA/Irina MIKAILOVA/Flavia RAVSKY/Ana Paula GONÇALVES DE FREITAS

Centro de Desenvolvimento e Planejamento Regional - CEDEPLAR/UFMG, Brazil.

Industrial transformation and business liability for ecological damage in the Russian Federation

Knut RICHTER¹/Nadezda PAKHOMOVA²

1 *Europa-Universität Viadrina Frankfurt (Oder), Germany*

2 *St. Petersburg State University, Russia*

Critical Review for Multidimensional Governance of Environmental Policy in China
---Focusing on Industrial Pollution Control---

Kenji OTSUKA

Environment and Natural Resource Studies Group Inter-disciplinary Studies Center Institute of Developing Economies, Japan External Trade Organization, Japan

B2: Addressing Early Phases of Transitions

Environmental Policy Shift through Technological Innovation

Joseph HUBER

Martin-Luther-University, Halle/Saale, Germany

Evaluation of system innovation processes - a pilot study on the transformation of Dutch agriculture to sustainability

Albert FABER/Trudy ROOD/Jan ROS

National Institute for Public Health and the Environment (RIVM) and Netherlands Environmental Assessment Agency, The Netherlands

Transition processes in production-consumption systems: How research programmes contribute to shaping transition processes towards sustainability

Matthias WEBER¹/Phillipp SPÄTH²/I. OEHME²/H. ROHRACHER²

1 *ARC Seibersdorf research, Department Technology Policy, Austria*

2 *Inter University Research Centre Graz (IFZ), Austria*

C2: Utilities

Transformation Dynamics in the Utility Sector

Kornelia KONRAD¹/Jan-Peter VOSS²/Bernhard TRUFFER¹

1 *Centre for Innovation Research in the Utility Sector, Swiss Federal Institute for Environmental Science and Technology (EAWAG), Kastanienbaum, Switzerland*

2 *Oeko-Institut – Institute for Applied Ecology, Freiburg, Germany*

Property Rights on Water and Ownership of Water Operators: What accounts (More) for Resource Management and Sustainability?

David AUBIN¹/Pierre CORNUT²/Frédéric VARONE¹

1 *Association universitaire de recherche sur l'action publique (AURAP), Université catholique de Louvain, Belgium*

2 Institut de gestion de l'environnement et d'aménagement du territoire (IGEAT), Université libre de Bruxelles, Belgium

A methodical approach for multi criteria sustainability assessment of water pricing in urban areas

Simone KLAWITTER

Department of Environmental Economics and Policy, University of Technology Berlin, Germany

D2: Understanding Technological Development

Incorporation Consumer and Business Preferences in Industrial Technology Evolution: a Policy Modelling Application

Bryn SADOWNIK/Mark JACCARD

Energy and Materials Research Group (EMRG), School of Resource and Environmental Management, Simon Fraser University, Canada

Transformation in the electricity system: the case of MicroCHP

Corinna FISCHER

Environmental Policy Research Centre, Freie Universität Berlin, Germany

E2: Extending the Information Base for Sustainable Development

Sustainability Initiatives: A View from the United States

Donald A. BROWN¹/Sharon MORAN²

1 Pennsylvania Consortium for Interdisciplinary Environmental Policy, Commonwealth of Pennsylvania, Department of Environmental Protection, USA

2 Temple University Philadelphia, Pennsylvania, USA

The impact of public disclosure of environmental performance on financial performance: evidence of India

Shreekanth GUPTA

Delhi School of Economics, University of Delhi, India

Industrial Ecology - A New Platform for Planning Sustainable Societies

Rames RAMASWAMY

Technology Exchange Network (TEN), India

A3: Governments and Governance: National and local Experiences II

Could Too Little and Too Much Turn Out to be Just Right? – On the relevance of Strategic Environmental Policy

Jürgen BLAZEJCZAK¹/Dietmar EDLER²

1 University of Applied Sciences Merseburg, Germany

2 German Institute for Economic Research, Germany

New Environmental Instruments in the Brazilian Amazonia: Ecological-Economic Zoning and the extractive

Marília STEINBERGER¹/Olga Maria SCHILD BECKER²

1 Nucleus of Urban and Regional Studies - University of Brasília, Brazil

2 Geography School - University of Rio de Janeiro, Brazil

B3: The Role of Time in the Governance of Transition

Time Strategies of Transitions and the Transformed Role of Subsidies as Innovation Policy Instrument: A Policy Framework demonstrated by Empirical Cases

Jan NILL

Institute for Ecological Economy Research, Germany

Industrial Transformation in the European Union - the ambiguous role of time

Hartmut ADEN

Universität Hannover, Germany

Uncertainty towards time as a determining factor for the success of political regulations in the case of EDTA

Daniel WEINER

University of Applied Sciences Lausitz, Department of Economics, SUSTIME-Project, Germany

C3: Industries

Multi-actor Learning Processes towards Sustainable Consumption and Production Patterns
Bernd SIEBENHÜNER

Carl-von-Ossietzky-University of Oldenburg, School of Computing Science, Business Administration, Economics and Law, GELENA Research Group, Germany

Driving Forces for Environmentally Sounder Innovations: The case of Finnish pulp and paper industry

Paula KIVIMAA/Per MICKWITZ

Finnish Environment Institute, Finland

Transformation in utility systems and the prospect of Evolutionary Governance

Jan-Peter VOSS

Oeko-Institut - Institute for Applied Ecology, Freiburg, Germany

D3: Foresight as an Instrument for Governance

Green Technology Foresight as Instrument in Governance for Sustainability

Mads BORUP

Technology Scenarios Research Programme, Risø National Laboratory, Roskilde, Denmark

Backcasting for Industrial Transformations and System Innovations towards Sustainability: is it useful for Governance?

Jaco QUIST¹/Philip J. VERGRAGT²

1 Technology Assessment Group, Faculty of Technology, Policy & Management, Delft University of Technology, The Netherlands

2 Tellus Institute, Boston, USA

What can we learn from scenario building for RTD policy in support of sustainable manufacturing?

Anton GEYER/Fabiana SCAPOLO

European Commission - Joint Research Centre, Institute for Prospective Technological Studies (IPTS), Unit J3: Support to the European Research Area, Spain

E3: Internalising external costs

Environmental Protection: The Role of Liability System in India

Panta Murali PRASAD

Gokhale Institute of Politics and Economics, India

Reform and Recovery: A New Taxation System for Environmental Restoration

Deborah S. DAVENPORT/Dave BARNES

Political Science Department, Mississippi State University, USA

Green fiscal reforms for industrial transformation: rigidities and inertia in mature welfare economies

Johan ALBRECHT

Universiteit Gent - Faculteit Economie & Bedrijfskunde, Center for Environmental Economics and Environmental Management, Belgium

A4: Sustainable Development: An International Challenge

The legal dimension of sustainable development in the European Union

Sabine FRERICH

Otto-Friedrich-Universität Bamberg, DFG-Graduiertenkolleg, „Märkte und Sozialräume in Europa“, Germany

Is Europe sustainable? Modelling opportunities and limits for restructuring Europe towards sustainability (MOSUS)

Stefan GILJUM/Friedrich HINTERBERGER

Sustainable Europe Research Institute (SERI), Austria

Network Failures: How realistic is durable cooperation in global governance?

Wolfgang MEYER/Katrin BALTES

Saarland University, Department of Sociology/Center for Evaluation, Germany

C4: Agriculture

Industrial Transformation and Agriculture: / Agrobiodiversity Loss as Sustainability Problem

Franziska WOLFF

Oeko-Institut - Institute for Applied Ecology, Freiburg, Germany

Combining long-term and short-term perspectives on food choice: The case of meat's animal origin

Joop DE BOER

Institute for Environmental Studies, Vrije Universiteit Amsterdam, The Netherlands

Different levels – different concerns. European agricultural policy reform between national, European and WTO discourse and bargaining areas

Peter FEINDT

University of Hamburg, Research Center on Biotechnology, Society and the Environment, Germany

D4: Renewables

Linking development priorities and climate policies: the case of Brazilian biomass production

Albert FABER/M. T. J. KOK/E. L. LA ROVERE/S. MINMAN

Netherlands Environmental Assessment Agency, The Netherlands

Ecological Objectives and the Energy Sector - the German EEG and the European Emissions Trading System –

Verena Leila HOLZER

University of Potsdam, Department of Economics, Germany

Governance towards renewable energy sources in the EU Accession States

Danyel REICHE

Environmental Policy Research Centre, Freie Universität Berlin, Germany

E4: Stimulating voluntary action

Australian Experiences with 'New' Environmental Policy Instruments: The Greenhouse Challenge and Greenhouse Friendly Programs

Ros TAPLIN

Environmental Management Program, Graduate School of the Environment, Macquarie University, Sydney, Australia

The European Relief Potential of Green Public Procurement: Methodology and Results

Roger PIERRARD

Institute of Public Finance and Infrastructure Policy, Vienna University of Technology, Austria

Policy transformation from Government to Governance?

The Case of Integrated Product Policy

Dirk SCHEER

Institute for Ecological Economy Research, Heidelberg, Germany