

INSTREAM Workshop: Energy and Resource Efficiency – Modelling, Analysis, Indicators

About the speakers

Part I – MEASURING SUSTAINABILITY

Bedřich Moldan (Charles University Environment Center, Prague)

Professor Bedřich Moldan is Director of the Charles University Environment Center in Prague. He is also a member of several scientific and public policy bodies. His experience includes research on indicators of sustainable development (he has published two monographs commissioned by SCOPE) and various aspects of the science-policy interface. He started his public life as the first Minister of Environment of the Czech Republic in 1990. Between 2004 – 2010 he served as a Senator of the Parliament of the Czech Republic. He has held various national and international positions, including Chairman of the UN Commission on Sustainable Development (2001) and Chairman of the Scientific Committee of the European Environment Agency (2000-2006).

Samuela Bassi (Institute for European Environmental Policy, London/Brussels)

Samuela Bassi is a Senior Policy Analyst at IEEP. She holds a degree in economics from the University of Trieste (Italy). In 2005 she joined IEEP, where she contributed to research on several projects in the field of market based instruments, sustainability indicators, assessment of environmental costs and benefits, valuation of biodiversity and ecosystem services, eco-innovation, energy technology, climate change policy and industrial pollution, with a particular emphasis on the economic evaluation of environment and nature aspects. Previously she worked for an environmental consulting company and undertook an internship at the Permanent Mission of Italy to the United Nations.

Lucas Porsch (Ecologic Institute, Berlin)

Lucas Porsch is an Economist and Fellow at Ecologic Institute. In his work, Lucas focuses on impact assessments, evaluations and alternative welfare indicators. Lucas Porsch was previously employed as an economic advisor and consultant in the United Kingdom at the Matrix Knowledge Group, the Department of Health and Europe Economics. Most of his work concentrated on policy evaluations and impact assessments for the European Commission and British public authorities and covered a wide field of policies from health to public procurement and social policy. From February 2000 to August 2004, Lucas Porsch worked for empirica AG mostly in housing and urban renewal policy evaluation. He advised two high profile political commissions concerning surplus housing in Eastern Germany and social housing in Berlin. He also contributed to reports on the development of poverty in Sachsen-Anhalt and Thuringia. Lucas Porsch studied economics in Kiel (Germany) and Lyon (France).

Francesco Bosello (Fondazione Eni Enrico Mattei, Milano)

Dr. Francesco Bosello Graduated at the Ca' Foscari University of Venice, he received a Master degree in economics from the University College of London (UK) and a Doctoral degree in economics from the University of Venice. He is presently associate researcher at the Fondazione Eni Enrico Mattei (FEEM) of Milan, assistant professor of economics at the University Statale of Milan and affiliate scientist of the Italian "Euromediterranean Center for Climate Change" (CMCC). His main interests are focused on climate-change policy and modelling with particular emphasis on negotiation aspects of international environmental agreements and on optimal policy design considering adaptation and mitigation options. He is also actively involved in the study of sustainable development and sustainability issues.

Ferenc Toth (International Institute for Applied Systems Analysis, Laxenburg)

Dr. Ferenc Toth has been working with IIASA's Land-Use Change Project (LUC) as a research scholar: full time between September 2001 and June 2003 and as a part-time guest scholar since then. Currently his main activities are related to sustainable development indicators, their statistical relationships to mainstream economic indicators and integrated assessment models.

Eva Hiznyik (International Institute for Applied Systems Analysis, Laxenburg)

Eva Hiznyik is a research scholar at the International Institute for Applied Systems Analysis (IIASA) and has a background in economics. Her main responsibilities include data mining, updating and harmonizing databases for various ongoing research projects, and estimating and analyzing possible socioeconomic impacts of land use and land cover change.

Part II – ANALYSING EFFICIENCY ON SECTOR AND MACRO LEVEL

Klaus Rennings (Centre For European Economic Research, Mannheim)

Dr. Klaus Rennings is Vice Head of the Research area “Environmental and Resource Economics, Environmental Management” of the Centre of European Economic Research (ZEW) since 1994. He made his PhD 1994 at the University of Muenster, Institute of Transport Economics, with a thesis on Indicators of Sustainable Development. His main fields of research are specification of rules, indicators, and strategies for sustainable economic activities, determinants and economic impacts of environmental innovations, eco-innovation policies and sustainability impacts assessment. Klaus Rennings has widely published in journals such as Ecological Economics and Journal of Evolutionary Economics. He is experienced as leader of big national and international projects since 10 year. He is member of the committee environmental and resource economics of the German Economic Association (Verein für Socialpolitik). Klaus Rennings is leading the research group Innovation and Sustainable Development at ZEW. This research area explores the implications of sustainable development for the political arena and, in particular, for firms. In past and ongoing projects, economists in this research area have investigated the determinants and effects of green innovations, developed applied equilibrium models for the representation of innovation behaviour, and have modelled the adaptive behaviour of households.

Sebastian Voigt (Centre For European Economic Research, Mannheim)

Sebastian Voigt studied economics at the Humboldt University of Berlin. He focused on econometrics and operations research and graduated in 2007. Since June 2007, he has been working as a research fellow at the Centre for European Economic Research, Department of Environmental and Resource Economics, Environmental Management. He has been participating in several projects for the European Commission such as Global Sectoral Approaches as Part of a Post 2012 Framework, The Full Costs of Climate Change and World Input Output Database: Construction and Applications (WIOD). His main research interests include innovations and technological progress, European climate policy as well as quantitative economic modelling.

Fusako Tsuchimoto (Charles University Environment Center, Prague)

Fusako Tsuchimoto is a researcher fellow at the Charles University Environment Center in Prague. She obtained B.A. degree in Law at the University of Tokyo in 2004 and M.A. degree in Economics from CERGE-EI. She expects Ph.D. degree in Economics from CERGE-EI in the year of 2010. Her field of interest is Environmental Economics, Law and Economics and Political Economics. Specifically she has publications on the topic of investigating the effect of ethnic diversity and income distribution and the effect of reform of criminal litigation process. She has an experience of teaching undergraduate and M.A. level course in the field of Development Economics at the Department of Environmental Economics, University of Economics, Prague and Faculty of Social Science, Charles University.

Jaroslav Sixta (Czech Statistical Office, Prague)

Jaroslav Sixta has been working at the Czech Statistical Office since 2002. He is responsible for input-output tables (head of Input-Output Tables Unit) in Annual National Accounts Department. He is also a member of the Department of Economic Statistics at the University of Economics in Prague. He participates in international cooperation (technical assistances in foreign countries and international projects) in the field of national accounts. He is also a teacher of economic statistics and national accounts.

Petr Musil (Czech Statistical Office, Prague)

Petr Musil has been working at the Czech Statistical Office since 2008. He is responsible for deflation in supply and use tables and estimates of taxes and subsidies on products in Annual National Accounts Department. He participates in international cooperation (technical assistances in foreign countries) in the field of national accounts. He is also a teacher of statistics and economic statistics at University of Economics.

Part III – INTERLINKAGES AND POLICY EVALUATION

Tomas Hák (Charles University Environment Center, Prague)

Dr. Tomas Hák is Deputy Director of the Charles University Environment Center. He has extensive experience with environmental project management; spent two years at the Czech Ministry of Environment evaluating projects applying for foreign financial support; and has worked as a project leader at the Regional Environmental Center in Budapest. He has worked at the Charles University Environment Center since 1997, where he has participated in research funded by the UN Development Programme that resulted in a draft National Sustainable Development Strategy, and led a research group dealing with environmental sustainability indicators. He is a member of the Environmental Committee of the Czech Academy of Sciences.

Milan Ščasný (Charles University Environment Center, Prague)

Dr. Milan Ščasný, the head of the environmental economics unit, acquired his PhD in economic theory at Charles University Prague. He worked for the Czech Ministry of the Environment, Dept. of Environmental Economics during 1997-2000, and in CUNI since then. He was a member of expert groups on environmental tax reform (2004-2006) and Minister advisor for the ETR issues (2006-2007). His research activities cover several areas in the field of environmental economics, inter alia, valuation of non-market goods, especially health effects, consumer behaviour, distributional effects of environmental regulation, and economic impact modelling. He was a co-ordinator of the ExternE method implementation in several CEE countries, took a part in the OECD project on household behaviour and consumption (2007-2009) and was involved in more than 15 research projects funded within the FP5 to FP7 programmes. He conducts regular courses on environmental economics and welfare measurement at Charles University Prague. He is a country representative of EAERE association for the Czech Republic.

Leonardo Mazza (Institute for European Environmental Policy, London/Brussels)

Leonardo Mazza joined IEEP's Brussels office in July 2010. He is a member of IEEP's Environmental Economics Programme. A social scientist by training, he graduated from the London School of Economics with an MSc in Environmental Policy and Regulation in 2008. He also holds a double Masters' degree in International Affairs and Governance from Sciences Po Paris and the University of St Gallen. Before joining IEEP, Leonardo was an environmental consultant at Bio Intelligence Service, where he took part in various EU-sponsored studies on topics including environmental liability, green economy initiatives, sustainable resource use, and Natura 2000. He has also formerly been a trainee at the DG ENV of the European Commission, in the unit in charge of sustainable development and economic analysis.