



WWWforEurope Conference on

**“Modelling Growth and Socio-ecological
Transition”**

March 12th and 13th, 2013

WIFO, Arsenal, Object 20, 1030 Vienna

Programme



EUROPEAN COMMISSION
European Research Area



SEVENTH FRAMEWORK
PROGRAMME

Funded under Socio-economic Sciences & Humanities

Tuesday, March 12th 2013

- 12.30 - 13.00 **Registration**
- 13.00 - 15.00 Modelling growth and socio-ecological transition
– Chances and challenges
(Public WWWforEurope lecture)
Graciela Chichilnisky (Columbia University) *and Jan Rotmans*
(Erasmus University Rotterdam, DRIFT)
Commentary by: *Kurt Bayer* (WIFO)
- 15.00 - 15.30 **Coffee break**
- 15.30 - 16.30 **Presentation of WWWforEurope-Area 2 work**
Jeroen van den Bergh (ICREA, Universitat Autònoma de
Barcelona, VU University Amsterdam),
Marina Fischer-Kowalski (Institute of Social Ecology Vienna),
Kurt Kratena (WIFO) and
other contributors
- 16.30 - 17.00 **Discussion and reactions from experts**
Graciela Chichilnisky (Columbia University) *and Jan Rotmans*
(Erasmus University Rotterdam, DRIFT)
- 17.00 - 17.30 **General discussion**
- 17:45-19:15 **Area 2 meeting**
- 20:00 **Conference Dinner**
At the restaurant “3 Hacken Magazin”

Wednesday, March 13th 2013

9.00 - 11.00 **Session 1**

Implications of a persistent low growth path. A scenario analysis

Andrea Stocker, Elke Pirgmaier, Friedrich Hinterberger (SERI);
Anett Grossmann, Ingo Wolter (GWS)

Discussion: *Valeria Andreoni* (European Commission- JRC)
Claudia Kettner (WIFO)

Transition to sustainability: Scenarios towards a low-carbon economy

Giovanni Bernardo, Simone D’Alessandro (University of Pisa)

Discussion: *Jeroen van den Bergh* (ICREA, Universitat Autònoma de
Barcelona, VU University Amsterdam)

Assessing global resource insecurity through a multidimensional model for more targeted sustainable development policies

Irene Monasterolo, Davide Natalini, Aled Jones, Victor Anderson (Anglia Ruskin University)

Discussion: Ina Meyer (WIFO)

Ecological macroeconomics: An application to climate change

Armon Rezai (Vienna University of Economics and Business, University of Cologne), *Lance Taylor* (New School for Social Research), *Reinhard Mechler* (Vienna University of Economics and Business, IIASA)

Discussion: *Graciela Chichilnisky* (Columbia University)

Valeria Andreoni (European Commission- JRC)

11.00 - 11.30 **Coffee break**

11.30 - 13.30 **Session 2**

Data envelopment analysis for measuring economic growth in terms of welfare beyond GDP

Martin Lábaj, Eduard Nežinský (University of Economics in Bratislava); *Mikulas Luptáčik* (University of Economics in Bratislava, Vienna University of Economics and Business),

Discussion: *Kurt Kratena* (WIFO)

Nicola Brandt (OECD)

Inequality, environmental taxation, and green innovations

Christian Kiedaisch, Josef Zweimüller (University of Zurich)

Discussion: *Jeroen van den Bergh* (ICREA, Universitat Autònoma de Barcelona, VU University Amsterdam)

Stefan Speck (European Environment Agency)

Sustainability and competitiveness in evolutionary perspectives - Environmental innovations, structural change and economic dynamics in the EU

Marianna Gilli, Massimiliano Mazzanti, Francesco Nicolli (University of Ferrara)

Discussion: *Kurt Kratena* (WIFO)

Mikulas Luptáčik (University of Economics in Bratislava, Vienna University of Economics and Business)

Economic and social consequences of general purpose technologies - A combined classical and evolutionary approach to the evaluation of economic policy in the presence of technical change

Rita Strohmaier, Andreas Rainer (University of Graz)

Discussion: *Karolina Safarzynska* (Vienna University of Economics and Business)

Mikulas Luptáčik (University of Economics in Bratislava, Vienna University of Economics and Business)

13.30 - 14.30 **Lunch break**

14.30 - 16.30 **Session 3**

A macroeconomic perspective on climate change mitigation: Meeting the financing challenge

Alex Bowen (London School of Economics), *Emanuele Campiglio* (University of Pisa, London School of Economics), *Massimo Tavoni* (Fondazione Eni Enrico Mattei)

Discussion: *Graciela Chichilnisky* (Columbia University)
Stefan Speck (European Environment Agency)

Economic shocks, transition and distribution: The role of limited information and heterogeneous agents

Ali Asjad Naqvi (Center for Economic Research in Pakistan), *Miriam Rehm* (Chamber of Labour Austria)

Discussion: *Karolina Safarzyńska* (Vienna University of Economics and Business)

The role of the money and the banking sector in the transition to a sustainable economic system

Giovanni Bernardo (University of Pisa), *Emanuele Campiglio* (University of Pisa, London School of Economics)

Discussion: *Jesus Crespo Cuaresma* (Vienna University of Economics and Business)
Stefan Speck (European Environment Agency)

Key behavioural and individual characteristics for the purchase decision of alternative-fuel vehicles and their impact on achieving environmental goals

Tibor Paul Hanappi (Institute for Advanced Studies Vienna, Johannes-Kepler University), *Sigrid Stix* (Environment Agency Austria, Vienna University of Economics and Business)

Discussion: *Nicola Brandt* (OECD)
Valeria Andreoni (European Commission- JRC)

16.30 – 17.00 **Coffee break**

17.00 – 18.00 **Summary and general discussion**

18.00 **End of meeting**