



**TranSust.Scan**

# TranSust.Scan

Scanning Policy Scenarios for the  
Transition to Sustainable Economic Structures  
[www.transust.org](http://www.transust.org)

Conference

## Competitiveness Issues in Climate Change Policies

Contributions from the TranSust.Scan Project  
with the  
The Centre for European Policy Studies (CEPS)



**TranSust**



The Transition to  
Sustainable  
Economic Structures

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# The TranSust network

## ■ Our mission

- Improving the current state of economic modeling in view of sustainability issues

## ■ Our joint activities

- Developing the next generation of models
- Policy analysis under the perspective of designing the transition to sustainable economic structures



# TranSust.Scan in a nutshell

## ■ Scanning policy scenarios

- Their relevance for the European Sustainable Development Strategy in view of Extended Impact Assessment
- Energy and Climate Package has become a challenge for our work

## ■ Model-oriented scenario approach

- Wide range of modelling tools

## ■ 12 partners cooperate over 36 months



# The key issues

- **What economic structures are able to support economic welfare in the long-run?**
- **Research topics**
  - **Energy and GHG emissions**
  - **Land use, agriculture, forestry**
  - **Transport**
- **EU 2020 Package**
  - **GHG targets**
  - **Trading scheme**
  - **Biofuels**



# The workpackages

- Integrating and extending the analytical framework
- Dealing with extended facets of sustainability
- Developing policy scenarios
- Interaction with non-European institutions





9:00	Opening <i>Patricia Poggi, DG Research</i> <i>Stefan Schleicher, TranSust</i> <i>Christian Egenhofer, CEPS</i>
9:15	Objectives for the day <i>Frank Convery, University College Dublin</i>
9:20	The New European Economy – prospects and implications <i>Daniel Gros, CEPS</i>
9:40	Global climate change policy – some imperatives for Europe <i>Carlo Carraro, FEEM Venice</i>  <i>Discussion</i>
10:20	Competitiveness and EU ETS <i>Gernot Klepper, IFW Kiel</i>  <i>Discussion</i>





11:00	Operational procedures for dealing with carbon leakage <i>Stefan Schleicher, WIFO Vienna</i> Discussion
11:40	The implications of using border tax adjustments or integrated emissions trading applied to the energy intensive and export oriented sectors to compensate for potential loss of competitiveness <i>Tim Mennel, ZEW Mannheim</i> Discussion <i>Ditte Juul-Joergensen, Peter Czaga, DG TRADE</i>
12:30	Competitiveness and integration of air quality and climate change policy <i>Jirina Jilkova, IEEP Prague</i> Discussion





14:00	2020 transportation targets vs overarching 2050 mitigation objective. <i>Frederic Gherzi, CIRED Paris and Simon McDonnell, University College Dublin</i> Discussion
14:40	Competitiveness issues in Carbon Capture and Storage (CCS) <i>Reyer Gerlagh, University of Manchester and Institute for Environmental Studies, Amsterdam</i> Discussion







15:20	Land use change contribution to European climate and energy policies: bioenergy crops and forest expansion <i>Alejandro Caparros, CSIC Madrid</i> Discussion
16:00	Challenges for further research <i>Barbara Buchner, IEA Paris</i>



