



APRAISE Policy Workshop

“Improving policy makers’ knowledge basis for environmental policy making”

Brussels, 23 May 2014

Venue: CEPS, Place du Congrès 1, 1000 Brussels

The motivation of the APRAISE project (FP7) is to improve the scientific grounds for assessing environmental policy making, aimed at fostering the transition towards a more sustainable economy in Europe. The APRAISE approach is to assess the effectiveness and efficiency of specific environmental policies by means of a combination of qualitative and quantitative approaches. The qualitative part of the assessment uses the APRAISE 3E method, which compares the actually achieved effectiveness of the policy with the originally intended efficacy and relates the differences to relevant impact factors such as the context, implementation and interaction of the assessed policy instruments. For the quantitative assessment, different modelling approaches are applied that can be more micro or macro-economic depending on the respective focus. Eventually, the combined assessment method has been applied to a number of key EU environmental policy areas, where - for comparative reasons - each assessment has been carried out in two EU countries.

The objective of this Policy Workshop is to discuss how policy makers’ knowledge of environmental policy preparation and implementation can be improved by combining insights on policy effectiveness from both model-based and empirical analysis. For example, while a model can help in estimating the impact of an environmental tax or subsidy within an entire sector, the APRAISE empirical analysis shows how different groups within that sector respond to the tax or subsidy and how that may affect the overall environmental policy effectiveness. A combined analysis, as applied in APRAISE, can thus provide better insights on possible co-effects of a policy and interactions between policy instruments. This will support policy makers in selecting more effective environmental policy instrument mixes.

In order to demonstrate the complementarities between model-based and empirical analysis for a range of environmental policy areas, the workshop is structured in four sessions:

- **Session 1 (morning):** Introduction to APRAISE combined quantitative and qualitative methods for assessing environmental policy effectiveness
- **Session 2 (morning):** Case study: Renewable energy supporting policies (Greece and Slovenia)
- **Session 3 (afternoon):** Case Studies on Recycling of Plastic Waste (Germany and the Netherlands) and Biofuels (Austria and the UK)
- **Session 4 (afternoon):** Evaluation and conclusions

APRAISE (*Assessment of Policy Interrelationships and Impact on Sustainability in Europe*) has received funding from the European Union’s Seventh Programme for Research, Technological Development and Demonstration under Grant Agreement No 283121. 10 partners from all over Europe are working on APRAISE. Based on an empirical assessment of the efficiency, effectiveness, and efficacy of national environmental policies, and of the ways in which these policies interact, the project aims at informing and reducing inefficiencies of environmental policy making at EU level.

Workshop Agenda

(all speakers confirmed)

10:00 – 10:30 Registration

10:30 – 11:00 Session 1: Introduction

Welcome (Arno Behrens, Centre for European Policy Studies)

Improving policy makers' knowledge basis through complementary model-based and empirical analysis tools – overview of APRAISE tools (Vlasis Oikonomou, Joint Implementation Network)

11:00 – 12:30 Session 2: Analysis of effectiveness and efficiency of renewable energy supporting policies

This session focuses on the assessment of the effectiveness and efficiency of Renewable Energy policies in Greece and Slovenia. It will present results provided by the Business Strategy Assessment Model (BSAM) regarding these policy instruments and compare them with the qualitative, empirical analysis using the APRAISE 3E method, which identifies context, implementation and interaction factors which have a significant impact on the outcome of the assessed policies.

11:00 – 11:05 Introduction by the Chair (Arno Behrens, CEPS)

11:05 – 11:15 Contribution of BSAM model application to the assessment of Renewable Energy Policy in Greece (Sotiris Papadelis, National Technical University of Athens)

11:15 – 11:30 Results of the qualitative, empirical assessment of Renewable Energy Policy case study for Greece and Slovenia (Niki Artemis Spyridaki and Anastasia Ioannou, University of Piraeus Research Centre)

11:30 – 12:00 Response by **Commentators** from the European Commission, international institutions, national policy advisory, business associations and industry

Kristine Kozlova, Renewables and CCS Policy Unit, DG Energy, European Commission

Pierre Tardieu, Senior Political Affairs Advisor, European Wind Energy Association

Rob Aalbers, Central Planning Bureau of the Netherlands

Simone Antonelli, ENEL

12:00 – 12:30 Open discussion

12:30 – 13:30 Lunch break

13:30 – 15:30 Session 3: Analysis of effectiveness and efficiency of Plastic waste recycling and Biofuels policies

This session will discuss the results of two APRAISE case studies – plastic waste recycling (Germany and the Netherlands) and biofuels support (UK and Austria) – which have been analysed quantitatively by means of the Global Trade Analysis Project (GTAP) model and qualitatively using the APRAISE 3E method, which identifies those context, implementation and interaction factors impacting significantly the outcome of the assessed policies. Like in session 2, a special focus will be on the comparison of both approaches to the assessment of the respective policies.

- 13:30 – 13:35 Introduction by the Chair (Christian Sartorius, Fraunhofer Institute)
- 13:35 – 13:50 Results of GTAP model application to the Plastic waste recycling and Biofuels case studies (Juha Honkatukia, Finnish Government Institute for Economic Research)
- 13:50 – 14:05 Results of the empirical analysis of Plastic waste recycling case study for Germany and the Netherlands (Carsten Gandenberger, Fraunhofer Institute, and Wytze van der Gaast, JIN)
- 14:05 – 14:20 Results of empirical analysis of the Biofuels case study in the UK and Austria (Jenny Lieu, University of Sussex, and Andreas Türk, Joanneum)
- 14:20 – 15:00 Response by **Commentators** from the European Commission, international institutions, business associations, industry and academia
- Helmut Maurer, Waste Management & Recycling Unit, DG Environment, European Commission
- Ake Iverfeldt, Executive Director, Mistra The Swedish Foundation for Strategic Environmental Research
- Raffaello Garofalo, Secretary General, European Biodiesel Board
- Vanya Veras, Secretary General of Municipal Waste Europe
- Guillaume Perron-Piché, European Supply of Waste to Energy Technology
- Guadalupe Alvarez Tinoco, University of Sussex
- 15:00 – 15:30 Open discussion

15:30 – 16:00 Session 4: Evaluation and Conclusions (at the latest)

Short summary, recap and future steps of the APRAISE project (Vlasis Oikonomou, JIN)

This project has received funding from the European Union's Seventh Programme for Research, Technological Development and Demonstration under Grant Agreement No 283121