

SUBJECT

- APRAISE CURRENT PROGRESS
- IMPLEMENTATION OF THE 2<sup>nd</sup> APRAISE INTERMEDIATE MEETING, 19-20 NOVEMBER 2012, GRAZ, AUSTRIA
- APRAISE UPCOMING ACTIVITIES

APRAISE IN BRIEF

The EU has formulated ambitious environmental policy targets in a variety of sectors aimed at forming the basis for a sustainable European growth with increasing prosperity and reduced pressure on natural resources and the environment. In addition, the focus on interrelationships and tradeoffs at each policy level on different scales of observation is of crucial importance when designing efficient policy mixes that can lead Europe to more significant sustainable pathways.

In the above framework, the "APRAISE - Assessment of Policy Impacts on Sustainability in Europe" started in October 2011 and being carried out under the 7<sup>th</sup> Framework Programme (FP7) of the European Commission, can offer European and national policy makers a more holistic understanding of the interaction of different policies so that efficient & effective policies can be formulated. The overarching motivation of APRAISE is to contribute to research on and application of sustainability-oriented policy making by building a more comprehensive understanding of the policy systems at a sectoral, national, and pan-European level. APRAISE is expected to provide policy makers with an improved understanding of:

- the efficiency, effectiveness and efficacy of existing and potentially new environmental policies;
- how these policies could interact, and;
- what could be the impact of such policy instrument interactions (PIIs) on achieving social, environmental and economic goals at both the European and Member State level.

APRAISE PROGRESS



Figure 1: Interplay between 3Es

Within the APRAISE framework, important progress has been carried out, towards the comprehensive understanding of the policy systems. Until now, the aggregate performance factors of environmental policies, namely the efficacy, effectiveness and efficiency (3Es) of policy instruments (PIIs) have been defined (Figure 1) and a critical review of existing methodologies for the performance assessment of environmental policies to maintain policy coherence and sustainability, has been completed. The methodologies' review was based on their:

- Contribution to the assessment of efficacy, effectiveness and efficiency of environmental policies / policy instruments;
- Contribution to the assessment of the interaction between policies and policy instruments.

In particular, 23 methods were identified and assessed with the above terms. Theory based evaluation, Market Mapping and Multi-criteria Analysis were selected among others to structure the APRAISE work flow (Figure 2). The GTAP general equilibrium (CGE) model and the Business Strategy Assessment Model (BSAM) will be also linked in order to supplement the assessment framework and enhance the project's qualitative analysis with tangible results.

Additionally a screening of existing and planned environmental policies has initiated, in order to obtain an overview of the environmental policies and their implementation status in the EU countries. Based on this screening seven case-studies have been identified (Table 1) aiming to emphasize on inter-sectoral policy interrelationships and impacts.

Table 1: Policy areas within APRAISE case-studies

No	Case studies	Inter-sectoral interrelationships
1	(Wind) Renewable Energy	Biodiversity
2	(Bio) Renewable energy	Agriculture / Biodiversity / water
3	Renewable Energy (Hydropower)	Water (river basins)
4	Energy efficiency (Buildings)	(Water) / Waste / Air
5	Resource efficiency (recycling)	Waste / Water
6	Energy efficiency (Production)	Renewable energy (Production)

The application of the APRAISE assessment methodology within the case-studies outline has already initiated and aims to encompass stakeholders' consultation to a large extent.

WORKFLOW DIAGRAM

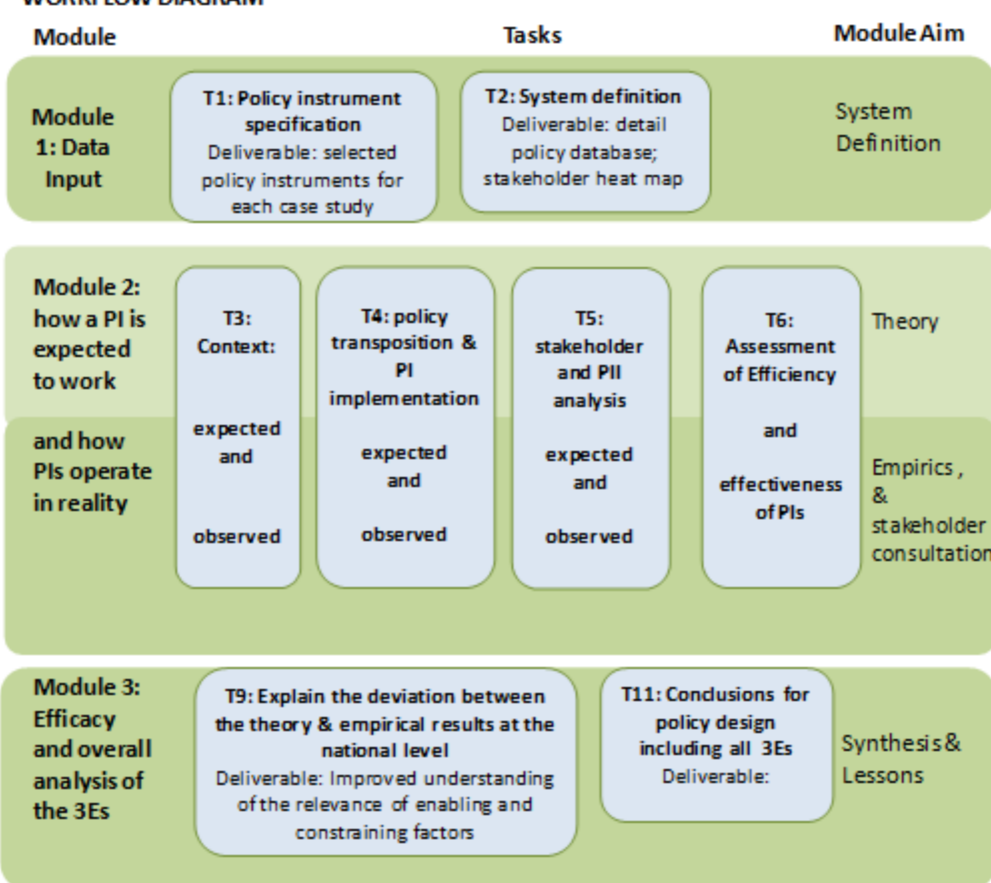


Figure 2: APRAISE Workflow

APRAISE MEETING



The 2<sup>nd</sup> APRAISE Internal meeting was successfully organised on the 19-20<sup>th</sup> of November 2012 in Graz, Austria. The main discussions were on the methodology steps for the case studies on WP3, the modelling approaches to be followed, ways to structure the stakeholder process, the scoring of criteria/indicators and the degree of capturing unintended effects of policies. Furthermore, the results so far on APRAISE 3E qualitative evaluation method, as well as the results on the development of a quantitative modeling approach, were presented and discussed in detail. Finally, working plans for the upcoming period of the project were defined.

APRAISE IN SOCIAL MEDIA

APRAISE recognizes the importance of targeting and communicating a wide net in order to increase its visibility, improve connectivity with stakeholders and keep interested parties posted. To do so APRAISE has fully taken advantage the variety of existing social networks, therefore widening non-technical users access and optimizing incoming and outgoing feedback. All interested parts can follow everyday project developments, share ideas and engage in discussions through the following social media accounts:

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UPCOMING ACTIVITIES

Within the following period various activities, within the framework of APRAISE, are expected to be implemented, further contributing to the progress towards research on and application of sustainability-oriented policy making. These include:

- Implementation and finalization of the quantitative modeling approach development;
- Provision of an overview regarding the coverage of different environmental policy sectors and policy instruments;
- Presentation of the core modeling tools potential and gap assessment;
- Identification and assessment of interactions of policies with each other or with other policies;
- Collection of data on the effects, costs, economic and social implications of environmental policies and on the development and dissemination of sustainable technologies;
- Stakeholders' consultation to provide for model-based scenario analysis;
- Methodology application regarding the efficiency, efficacy, effectiveness and interactions of different environmental policies;
- Development of the APRAISE video, diffusing the APRAISE scope and adopted methodological approach.

WHO WE ARE

The Netherlands

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JOANNEUM RESEARCH - JR

Germany

FRAUNHOFER INSTITUTE FOR SYSTEMS AND INNOVATION RESEARCH - FRAUNHOFER ISI

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SCIENCE AND TECHNOLOGY POLICY RESEARCH UNIVERSITY OF SUSSEX - UoS

Greece

NATIONAL TECHNICAL UNIVERSITY OF ATHENS - ENERGY POLICY UNIT - NTUA

Belgium

CENTRE FOR EUROPEAN POLICY STUDIES - CEPS

Finland

GOVERNMENT INSTITUTE FOR ECONOMIC RESEARCH - VATT

Slovenia

LABORATORY FOR ENERGY POLICY - UNIVERSITY OF LJUBLJANA - UL

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