



## IEAGHG Information Paper; 2013-IP7: Influence of IEAGHG and Other Technology-Oriented Agreements

**Background:** 'Interest Mediation and Policy Formulation in the European Union',  
PhD Thesis by Olga Schenk, IEK-STE)

A recently published PhD thesis analyses and evaluates the influence of various Technology-Oriented Agreements (TOA) on European Policy relating to CCS. Broadly speaking, IEAGHG appear in a very good light within this piece of work, and this IP aims to summarise the work and highlight the positive outlook for IEAGHG in the future.

The thesis summarised our membership, activities and input as follows:

*The IEAGHG can be considered as complex due to the large number of members and the large variety of represented interests. The IEAGHG can also be considered as organised due to the internal function and issue-specific differentiation and coordination via the Executive Committee.*

The thesis uses analysis of methodology and organisational procedure, along with an assessment of impact on policy and technology developments. IEAGHG were classes as very influential in this analysis, and in comparison to other TOA's assessed (CSLF, ZEP and IEACCC) IEAGHG were classed as having the highest resource autonomy and strategic autonomy. We are shown to attract various resources on a predictable basis, underlining our reputation as a valued research organisation, and we have demonstrated the ability to diversify work deliverables and enhancing our target groups.

The summary shown below, demonstrates the influence of IEAGHG, and clarifies that IEAGHG are seen by the European Commission as a source of technical expertise, and only ZEP ) of the 4 TOA's included) are seen as policy prescriptive. This underlines IEAGHG's aim to be policy relevant, but not policy prescriptive and confirms that we are achieving this goal.

### Summary Box 22

The analysis shows that the influence of TOA varies according to two aspects.

First, the scope of the influence varies between TOA.

<p>39 references to <b>ZEP</b> output:</p> <ul style="list-style-type: none"><li>○ Flagship Program (12 CCS demo power plants in Europe)</li><li>○ Advice during the selection of the EEPR funded projects</li><li>○ Conceptual work for the knowledge-sharing activities</li><li>○ Technology matrix</li><li>○ Strategic Research Agenda, Strategic Deployment Document and the ZEP Vision</li><li>○ Technical data, data on economics of CCS</li><li>○ Design and cost estimations of the Flagship Program</li><li>○ Advice for the FP7</li><li>○ European industry commitments</li><li>○ NER300, CCS Directive, demo project selection criteria</li></ul>	<p>36 references to <b>IEAGHG</b> output:</p> <ul style="list-style-type: none"><li>○ Capture-ready concept</li><li>○ Capture-ready pre-investment costs, electricity costs with CCS, other data on economics of CCS</li><li>○ International experience in the field of CO<sub>2</sub> storage</li><li>○ Data on storage site assessment and modeling techniques, CO<sub>2</sub> stream composition, monitoring strategies, and corrective measures, other technical data</li></ul>	<p>2 references to <b>CSLF</b> output:</p> <ul style="list-style-type: none"><li>○ Technical issues in the field of CO<sub>2</sub> storage</li></ul>	<p>0 references to <b>IEACCC</b> output</p>
--	---	--	---

Second, the character of the information accessed by the Commission varies between TOA. The Commission considers both the international (the CSLF, IEAGHG) and the European (ZEP) TOA as a source of technical expertise whereas policy recommendations are provided only by the European stakeholders (ZEP).

This only gives a brief introduction to the topic of the thesis and the outcomes, for copies of the thesis, please contact Olga Schenk, [o.schenk@fz-juelich.de](mailto:o.schenk@fz-juelich.de)

Toby Aiken

April 2013