

The IEA Greenhouse Gas R&D Programme

Guide to Membership



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What do we do?

One of the strengths of our programme is providing a broad government/industry interface and interaction with our members at our twice yearly Executive Committee meetings. This provides those participating with balanced views on different interests, perspectives and needs relating to greenhouse gas mitigation. Our members are fully included in the decision making process that defines our strategic goals and the selection of the work we undertake.

We work at the technical level, where we undertake new cutting edge assessments of technologies that can reduce greenhouse gas emissions, especially carbon dioxide capture and storage (CCS). We pride ourselves that the reports we produce are seen as a significant knowledge base for academia, industry, governments and policy making bodies alike.

We organise a number of international research networks on topics related to all aspects of CCS each year. The workshops bring together the leading researchers and practitioners from around the world to present and discuss their research with their peers. These international research networks produce guidance on research directions in specific areas related to CCS as well as synthesising the work going on internationally in a particular topic area. Through our international research networks we interact with hundreds of researchers and industry groups across all continents. We are pleased to have observed that these networks have helped promote international collaboration on CCS research, the development of best practise and have assisted with significant regulatory developments.

We extract evidence-based and policy-relevant results from research relevant to greenhouse gas reduction and mitigation undertaken by social and economic, technical and engineering groups. We do not develop policy goals or set policy targets, that is the realm of our members and bodies such as the IEA. However, we look to support policy decisions wherever we can by the provision of unbiased evidence based information on technical issues, drawn from our research work and network activities. We have a good track record in this area in working through our members and directly with policy making bodies both regionally and internationally, such as the IEA, IPCC, UNFCCC, the London Convention and ISO.

We always aim to co-operate and collaborate with other related bodies in the field. For example, we sit on the CSLF Technical Group Committee and have participated in and chaired a number of their task forces, we work closely with the IEA CCS unit, and we have issued a number of joint reports with the EU ZEP and are currently working

on another IEA Implementing Agreement; 'Industrial Energy-Related Technologies and Systems on CCS integration into industry'. Our members representing national governments sit on a host of international, regional and national committees, represent national funding agencies and are actively engaged in developing and implementing policies. Members representing sponsor organisations frame the business and commercial context of implementing greenhouse gas mitigation and reduction technologies, and are actively engaged in executing related research, development and deployment.

We organise the GHGT conference every two years, which has established itself as the premier international technical conference on CCS in the world. This is our flagship conference and regularly attracts up to 1500 delegates and we publish some 700 technical papers from the conference in the proceedings.

Other on-going activities include:

- The Post Combustion Capture and Oxy fuel Combustion Conference series, both these are the go to conferences for researchers and industry in these capture disciplines;
- The annual International CCS Summer School is a leading activity of its type;
- With Elsevier we set up the International Journal on Greenhouse Gas Control, which is now 5 years old and is seen as the leading technical journal on CCS internationally.

What do we provide to our members?

We have been in existence for just over 20 years and we credit ourselves with having a long track record in progressing the evolution of CCS technology and in providing a value for money service to our members.

In a typical year from a technical perspective we provide the following:

1. A minimum of ten reports on leading edge technology assessments, mostly related to CCS in recent years,
2. Up to four workshop reports from our international research networks,

To keep members up to date on related developments we provide the following:

3. A minimum of 12 information papers on topics related to climate change developments, policy initiatives on low carbon technology, research developments and more,
4. A quarterly newsletter on international research updates,
5. A weekly newsletter on related topics drawn from the media,
6. A global perspective on developments across the whole CCS chain,

7. A repository of information and presentational material to meet our member's needs,
8. Rapid access to research networks and a wide variety of other stakeholders.

We organise a GHGT conference every two years (every even year) and provide a summary report of what we have learnt on the status of CCS to our members. In the odd years we do the same for our Post Combustion Capture and Oxyfuel Conferences.

Each year we organise two Executive Committee meetings in member countries, typically with a seminar attached to focus on developments on GHG mitigation in that country or region. This offers members the opportunity to show case their work and gain feedback from others.

So why join?

We have been active in this research area for a long time and have a history of being on top of or ahead of technical developments in the GHG mitigation/CCS areas.

If you want to participate actively in an organisation then we offer that opportunity. We view membership as offering the potential:

- to engage with an extensive network of government, industry and research participants,
- to gain access to carefully vetted evidence-based and policy-relevant information regarding greenhouse gas mitigation and reduction technologies,
- to engage with other groups in this field of research,
- to exchange ideas,
- to learn about and keep abreast of the latest developments in the area around the world,
- to have the opportunity to tailor research to meet your needs which could offset your internal Research, Development and Deployment costs,
- to leverage your research, development and deployment activities in engineering, science and policy fields,
- to steer the research undertaken by this IEA Implementing Agreement,
- to have the opportunity to showcase your interests/organisation at our Executive Committee meetings and premier international events like GHGT,
- to have at your disposal a highly competent secretariat comprising approximately 8 highly trained professionals who are well versed in information gathering and analysis, research activities, outreach and stakeholder management.

We can also tailor services we offer to meet specific needs of individual members.

