

Terms of Reference for Cleaner Fossil Fuel Systems Committee (CFFS) : in partnership with US DOE

Introduction

Given the growing concerns about the environmental performance of fossil fuels, it is imperative to find ways for deployment of cleaner and more efficient fossil fuels combustion technologies. Cleaner systems mitigate the adverse consequences of the use of fossil fuels and permit their positive qualities to be more fully harnessed for economic and social development. Clean technologies development is advancing rapidly and there is a major potential for their deployment, in particular in the quickly growing developing countries.

Objective

The Committee will promote the understanding and knowledge worldwide of the strategic role of fossil fuels in meeting the growing energy demand and securing energy supplies, focusing in particular on the existing and emerging technologies for cleaner use of fossil fuels.

Scope

To achieve this mission the Committee will:

- Provide a forum (physical and virtual on the WEC website) for energy experts, decision makers and consumers to discuss the specific role fossil fuels can play in meeting global energy needs in a sustainable manner; and facilitate dialogue among diverse stakeholders about clean and efficient utilisation of fossil fuels, including improved efficiency and Carbon Capture and Storage;
- Promote investments in demonstration and deployment of innovative fossil fuels technologies, including Carbon Capture and Storage by identifying proposals for specific projects, which include Carbon Capture and Storage and which may be implemented with WEC facilitation, including the Carbon Sequestration Leadership Forum for which WEC manages the stakeholder dialogue;
- Integrate the financial community into the process of supporting cleaner systems deployment;
- Work with developing countries to promote the understanding of the value of cleaner fossil fuels systems including Capture and Storage.
- Disseminate information on the strategic value of fossil fuels and their importance to a broad range of audiences, including key opinion leaders, consumers, media, legislators, educators, regulators, financiers and industry executives;
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Methodology and Timeline

The Committee will achieve its objectives through:

Conferences and workshops in different regions of the world, in coordination with WEC and other appropriate energy organisations, and follow-up activities; publications, such as position papers, fact sheets, etc. on the development, application and effectiveness of cleaner fossil fuel technologies and systems, using electronic communications and other media to reach the media and the public.

The project will run for three years from 2008 to 2010.

Deliverables

- One major event on clean fossil fuels technologies in every WEC region over the triennial work cycle.
- Position papers and fact sheets, update of relevant information on the WEC website

- Support for other major international activities with similar objectives: Carbon Sequestration Leadership Forum, G8 Early Deployment Task Force and others.