



INSTITUTE OF
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AIR
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AIR POLLUTION CONTROL INDUSTRY CALLS FOR KICK STARTING GHG CONTROL TECHNOLOGIES BY 2015

Washington, D.C. The Institute of Clean Air Companies (ICAC) releases its focus paper outlining the air pollution control industry's perspectives on how to expedite the commercialization of cost-effective carbon capture (CC) technologies. ICAC's intent is to inform the policy debate on what will facilitate the commercial marketability of CC technologies and processes for both new and existing coal-fired electrical generating units, and greenhouse gas (GHG) reductions from industrial process in the United States. A few key considerations should be kept in mind as the federal government moves forward in its considerations of GHG control requirements:

- 1) The threshold for commercial marketability of CC technologies is six to eight CC demonstration projects integrated with storage by 2015;
- 2) The Demonstration projects should treat 200-300 MW of flue gas capture at least 50% of the CO₂ or at least 300,000 tons per year of CO₂;
- 3) Conditions that facilitate and accelerate these demonstrations include financial incentives and regulatory certainty, availability of federal funding for first movers, targeted early and sustained distribution of funds for demonstration projects, attention to supply-side energy efficiency improvements of facilities, and federal attention on a framework on how to prepare existing facilities for CC retrofitting;
- 4) In addition, non-CO₂ GHG industrial sources represent a near-term opportunity to retrofit existing sources using a wide range of commercially demonstrated technologies that do not rely on carbon capture and storage.

In order to realize the United States' GHG emission reduction goals a near-term commitment to successfully demonstrating first mover projects, particularly before 2015 will generate huge dividends ensuring commercialization and technology acceptance. A continued long-term public and private investment in CC technology is vital to the success of stabilizing atmospheric CO₂ concentrations.

To download ICAC's *Carbon Capture Focus Paper* and for more information on carbon capture technologies for utility and industrial applications please visit: www.icac.com/ghg

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ICAC is the nonprofit association of companies that supply air pollution control technology and monitoring systems for stationary sources. For nearly 50 years ICAC has worked to assure clean air policy on that promotes public health, environmental benefit, and industrial progress.