

**G8 heads of government are urged to recognize the critical role of CCS in tackling global climate change and demonstrate the political leadership necessary to act now to initiate widespread deployment of this technology. CCS can achieve substantial reductions in CO<sub>2</sub> in a world faced with increased demand for fossil fuels. With CCS, fossil fuels will become part of the solution, not part of the problem. The IEA has estimated that, in addition to other mitigation options needed to combat climate change, CCS must be installed on the equivalent of 630 coal-fired power plants by 2030. Expeditious deployment of CCS requires the following immediate actions:**

### **Demonstrating CO<sub>2</sub> Capture and Storage**

*The G8 must act now to commit by 2010, to a diverse portfolio of at least 20 fully integrated industrial-scale demonstration projects (> 1 Mtpa), with the expectation of supporting technology learning and cost reduction, for the broad deployment of CCS by 2020.*

### **Taking Concerted International Action**

*G8 Governments and international financial institutions should foster international action, to partner, financially support, build capacity and share information for large-scale integrated CCS demonstration projects and near term opportunities to accelerate wider deployment of CCS in developed and developing countries. An early priority should be to include CCS in the CDM in December 2008.*

### **Addressing the Financial Gap**

*Governments should address together with the private sector, the financial gap and risks facing early CCS projects in order to accelerate the commercial deployment of CCS, recognizing that market mechanisms alone will not be sufficient for the early deployment of CCS.*

### **Establishing Legal and Regulatory Frameworks**

*By 2010, it is essential that governments have established the appropriate legal and regulatory frameworks that are needed for safe, large-scale geological storage of CO<sub>2</sub>.*

### **Raising Public Education & Awareness**

*Public education and support is critical to CCS deployment. The link between CCS, continued global economic development, and environmental protection must be emphasized. Governments and stakeholders must dedicate resources to advance this message.*