

## What is South Africa doing on CCS?

SACCCS's has developed a CCS roadmap for the commercial application of CCS in South Africa. This Roadmap was approved by Cabinet in May 2012. The South African government has shown interest in exploring CCS potential in South Africa from as early as 2004. Since this time, significant CCS activity has taken place with the launch of the South Africa Centre for Carbon Capture and Storage (SACCCS) and currently developing policy and regulations on CCS.

SACCCS was launched in 2009 to analyse and advance the technical aspects of CCS including to lead South Africa's efforts to implement the South African CCS Roadmap:

2004	Assessment of the potential for CCS in South Africa;
2010	Development of a South African CO <sub>2</sub> geological storage atlas;
2017	Commencement of a Pilot CO <sub>2</sub> Storage Project (10 – 50 000 tonnes of CO <sub>2</sub> stored);
2020	Facilitate the commencement of a CCS demonstration plant (in the order of 1 hundred thousand tonnes of CO <sub>2</sub> per year);
2025+	Inform the implementation of commercial CCS deployment (over 1 million tonnes of CO <sub>2</sub> per year);
Ongoing	Provide support to other CCS activities in South Africa

The first two milestones from the Roadmap are now complete meaning the focus of SACCCS is now on delivering a Pilot CO<sub>2</sub> Storage Project on 2017.

The SACCCS technical development must dovetail with the parallel CCS policy, legal and regulatory development being led by the South African Department of Energy. CCS is one of the seven Flagship Programmes in the National Climate Change Response Strategy White Paper released late 2011