

## Technical Assistance Project for the Development Carbon Capture and Storage in the Republic of South Africa (P149521)

AFRICA | South Africa | Energy & Extractives Global Practice |  
 Recipient Executed Activities | Investment Project Financing | FY 2017 | Seq No: 3 | ARCHIVED on 18-Jan-2019 | ISR35132 |

Implementing Agencies: South African National Energy Development Institute (SANEDI), Department of Energy Government of South Africa, Nandi Mkunqwana

### Key Dates

#### Key Project Dates

Bank Approval Date: 22-Mar-2017	Effectiveness Date: 10-Nov-2018
Planned Mid Term Review Date: 23-Jul-2020	Actual Mid-Term Review Date: --
Original Closing Date: 30-Dec-2021	Revised Closing Date: 30-Dec-2021

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective (PDO) is to assess the feasibility of, and build expert capacity for, carbon capture and storage in South Africa.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

### Components

Name

Pilot Carbon Dioxide (CO<sub>2</sub>) Storage Project:(Cost \$36.50 M)  
 Carbon Dioxide (CO<sub>2</sub>) Capture Pilot Project Front-End Engineering Design:(Cost \$1.50 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● High	● High

### Implementation Status and Key Decisions

The project Grant Agreement has been counter-signed by the National Treasury (NT) of South Africa and the project is now effective, albeit with delays. In parallel with the process of reaching approval and effectiveness of this project, work has continued on the project preparatory work through the Bank-Executed *Programmatic Technical Assistance for Capacity Building for Carbon Capture and Storage in the Republic of South Africa [PTA]* (P151193) and by SANEDI via the recipient-funded activities. Accordingly, at this stage, the delay in reaching effectiveness for this project is not yet expected to cause any delays to the overall project schedule.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	● Low	● Low	● Low
Macroeconomic	● Moderate	● Moderate	● Moderate
Sector Strategies and Policies	● Moderate	● Moderate	● Moderate
Technical Design of Project or Program	● High	● High	● High
Institutional Capacity for Implementation and Sustainability	● High	● High	● High
Fiduciary	● Low	● Low	● Low
Environment and Social	● Substantial	● Substantial	● Substantial
Stakeholders	● Substantial	● Substantial	● Substantial
Other	● Substantial	● Substantial	● Substantial
Overall	● High	● High	● High

## Results

### PDO Indicators by Objectives / Outcomes

Completion of the assessment of the feasibility of CO2 storage in the Zululand Basin in South Africa				
► Completion of the assessment of the feasibility of CO2 storage in the Zululand Basin in South Africa (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	21-Mar-2017	11-May-2018	12-Dec-2018	30-Dec-2021

Cumulative South African professionals trained and hired/contracted to work on the PCSP				
► Cumulative South African professionals trained and hired/contracted to work on the PCSP (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	10.00	10.00	30.00
Date	21-Mar-2017	11-May-2018	12-Dec-2018	30-Dec-2021

Completion and approval of the CCPP FEED (Yes/No)				
▶Completion and approval of the CCPP FEED (Yes/No) (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	21-Mar-2017	11-May-2018	12-Dec-2018	30-Dec-2021

### Intermediate Results Indicators by Components

Cumulative PCSP seismic surveys completed				
▶Cumulative PCSP seismic surveys completed (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	21-Mar-2017	11-May-2018	12-Dec-2018	30-Dec-2021

Cumulative PCSP wells drilled				
▶Cumulative PCSP wells drilled (Number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	7.00
Date	21-Mar-2017	11-May-2018	12-Dec-2018	30-Dec-2021

PCSP site confirmed				
▶PCSP site confirmed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	21-Mar-2017	11-May-2018	12-Dec-2018	30-Dec-2021

Cumulative annual public engagement summaries disclosed				
▶Cumulative annual public engagement summaries disclosed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value				
Date				

Value	0.00	0.00	0.00	6.00
Date	21-Mar-2017	11-May-2018	12-Dec-2018	30-Dec-2021

Cumulative CCPP FEED progress reports completed				
▶Cumulative CCPP FEED progress reports completed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	21-Mar-2017	11-May-2018	12-Dec-2018	30-Dec-2021

## Data on Financial Performance

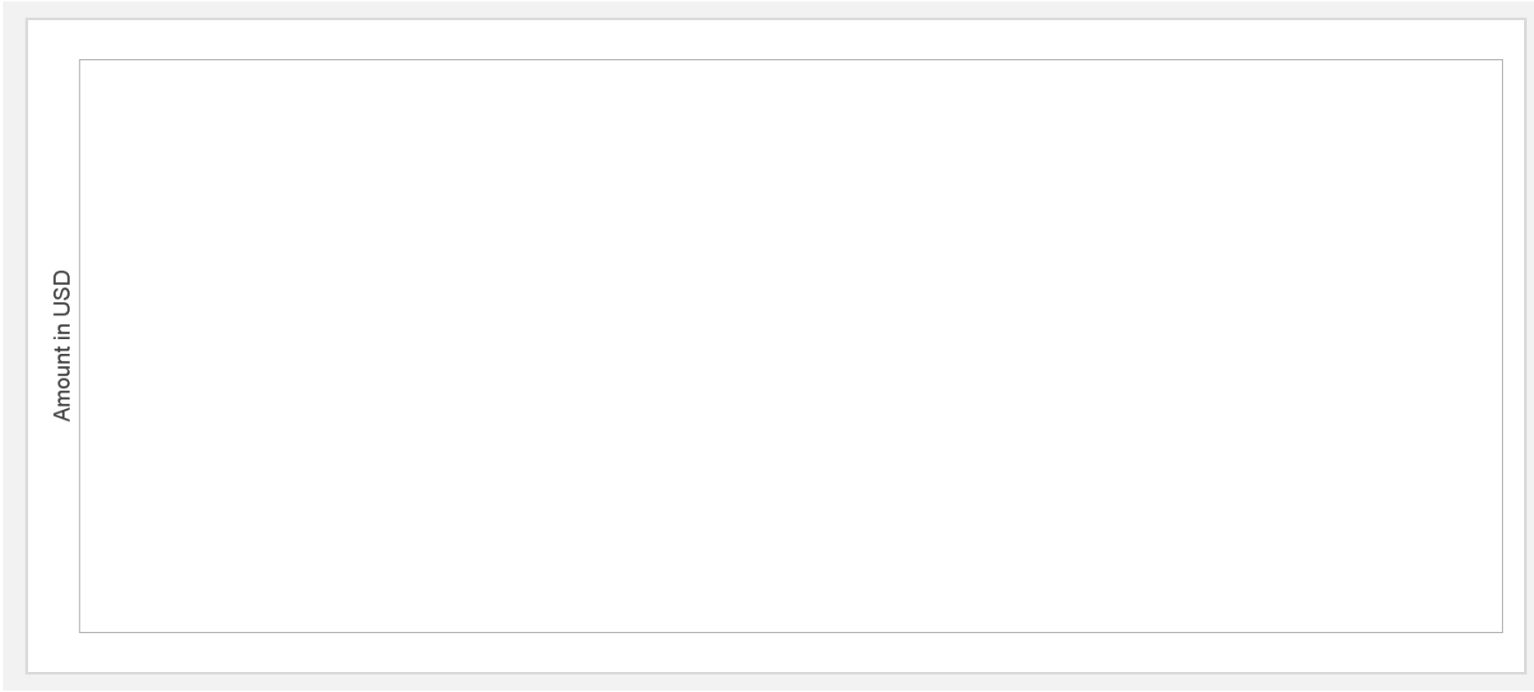
### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P149521	TF-A3137	Effective	USD	23.00	23.00	0.00	0.00	23.00	0%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P149521	TF-A3137	Effective	22-Mar-2017	09-Feb-2018	10-Nov-2018	30-Dec-2021	30-Dec-2021

### Cumulative Disbursements



**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.

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