



SOUTH AFRICA EXPERIENCE ON ADAPTATION INFORMATION COLLECTION

**GGA WORKSHOP
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**forestry, fisheries
& the environment**

Department:
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OVERVIEW OF THE NATIONAL CLIMATE CHANGE INFORMATION SYSTEM (NCCIS)

- The NCCIS provide a tool/platform to collect information on various adaptation interventions at national as well subnational level by key stakeholders inclusive of civil society, business, academia and government.
- The NCCIS is part of the national effort to track SA's overall transition to a low carbon and climate resilient society as required by the NDP, NCCRP, NDC as well as the National Climate Change Adaptation Strategy (NCCAS);
- Projects in the National Climate Change Response Database (NCCRD) assist with providing **progress in implementation of the climate change adaptation measures** from the state owned and private organisations
- <https://nccis.environment.gov.za>



The South African National Climate Change Information System (NCCIS) is a web-based platform for the tracking, analysis and enhancement of South Africa's progress towards a low carbon and climate resilient economy. The NCCIS offers a series of decision support tools to inform policy and decision-making including a database of adaptation and mitigation actions undertaken by stakeholders across the country.



Let's Respond Toolkit



National Climate Change Response Database

This online toolbox contains a variety of information and tools for South African local government to plan their responses to climate change.

The NCCRD is a database of climate change adaptation and mitigation interventions. Please add information on past, current and future climate change response efforts in South Africa.

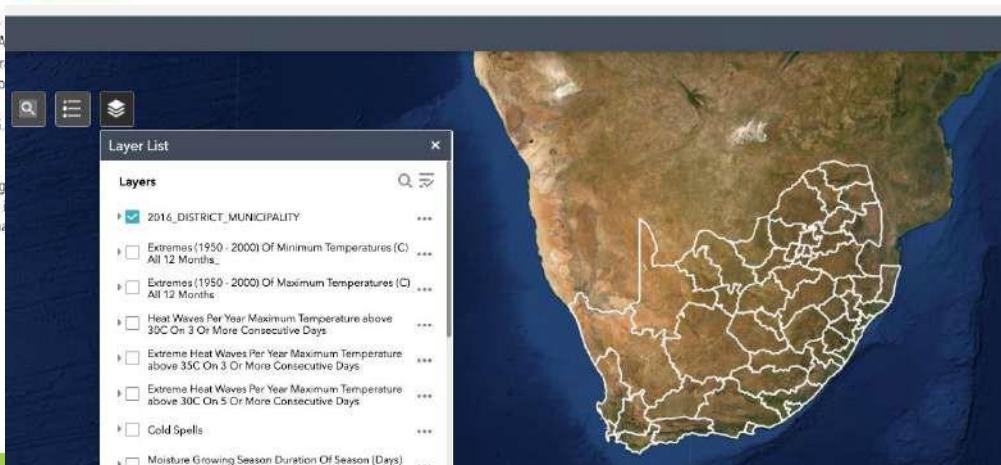
South Africa Climate Tracking and Evaluation Portal



Tracking progress of action responding to climate change, enabled by the National Climate Tracking and Evaluation effective implementation of South Africa's Climate Change Response Policy (NCCRP) and the achievement of South Africa 2030. The T&E Portal holds national level information on climate action and is designed to monitor South Africa's transition to a resilient future through tracking indicators of progress in the implementation of mitigation and adaptation.

Additionally, transparency of climate action is at the heart of the Paris Agreement, which South Africa ratified in 2016. Reporting on climate actions and their effects is a requirement.

The information presented in this data visualisation is held within the National Tracking and Evaluation (T&E) Portal managed by Environmental Affairs (DEA). The T&E Portal contains structured information on the details of the actions, indicators, challenges, targets, wider impacts, investments and constraints. The T&E Portal acts as a means of collating data from many sources, distilling and summarising the data and providing analysis of relevant information.



NCCRD BACKGROUND

The NCCRD was developed in 2008, currently it is embedded in the National Climate Change Information System (**NCCIS**).

NCCRD **tracks** and profiles climate change mitigation and adaptation measures/projects implemented in South Africa. The system forms part of the broader climate change monitoring and evaluation system.

Anyone can **register**, view and use the information in the online system. A comprehensive search facility allows users to filter data to very specific parameters as desired as well as to navigate project locations using Google Earth.

The information contained in the system is provided and **updated** by individual participants i.e Provincial



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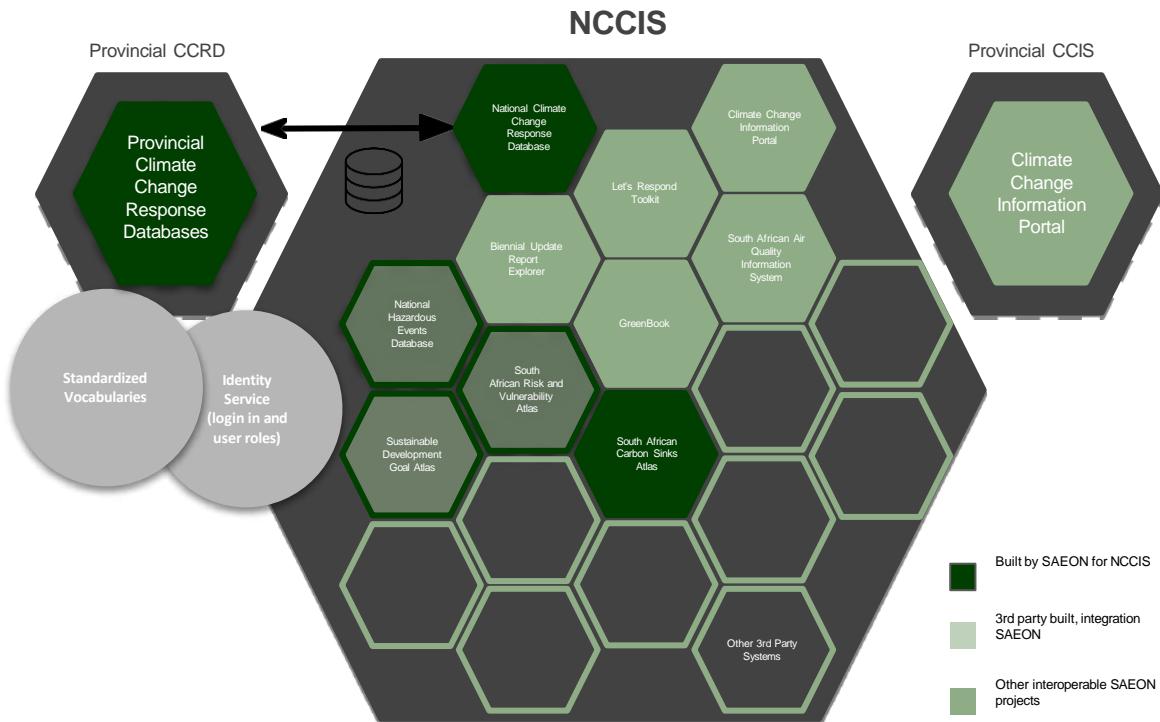
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COMPONENTS

An Extendable System of Systems

NCCIS is composed of building blocks and key elements to identify specific aspects of climate resilience for direct monitoring and evaluation.



Mpumalanga CCIS site walk through

Mpumalanga Climate Information System

Home Project Database Climate Services ▾ Data Carbon Sinks Resources ▾ About Contact 



Mpumalanga
Climate Change Information System



The Mpumalanga Climate Change Information System offers a series of decision support tools to inform policy and decision-making including a database of adaptation and mitigation actions undertaken by stakeholders across the province.



Climate Change Response
Database

Climate Change Services and
Data

Mpumalanga Policy and
Legislation



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FOOD FOR THOUGHTS

- Development of the framework for collective assessment of adaptation efforts towards the achievement of the Global Goal on Adaptation (GGA);
- The framework should entail high level principles e.g. adaptation being a global responsibility etc.
- This framework could entail high level broad global indicators which are more strategic to galvanize collective collection of adaptation information to assessing collective progress on GGA
- **EXAMPLES**
 - ### percentage and/or number of Countries developed adaptation planning by 20##
 - ### percentage of population vulnerable to the effects of climate change reduced by 20##
 - ### percentage of global population having access to early warning system by 20###

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Thank You



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