

# Progress in the Monitoring & Evaluation of the transition to a climate resilient South Africa

SEPTEMBER 2015



Climate Change and Air Quality Branch



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA



# TIMELINE – TRACKING CLIMATE RESILIENCE IN SOUTH AFRICA

- 2011 - The National Climate Change Response White Paper (NCCRWP) describes the mandate for undertaking climate change adaptation M&E
- 2013 to 2014 - DEA together with relevant stakeholders has finalized the drafting of the document describing the design of the climate change response M&E system
- 2014 - This design document has been approved by both MINTECH, MINMEC and is scheduled to be tabled for Cabinet approval in the 1<sup>st</sup> quarter of 2015/16 financial
- 2015 - operationalization of the climate change M&E framework



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA



### Over-arching objective:

To track the transition towards a lower-carbon & climate-resilient South Africa

#### Lower-carbon

What are the GHG emission trends?  
Which mitigation response measures are being undertaken?  
Which mitigation responses are working well in terms of impact & effectiveness?

#### Climate-resilience

What are the impacts of climate change?  
Which adaptation responses are being implemented & which ones are working well?  
How is South Africa's vulnerability and adaptive capacity changing?

#### Cross-cutting objectives

##### Climate finance:

What are the finance flows and impacts? How effectively is the finance contributing to climate change response?

##### Communication and learning:

How are the outputs of the M&E system communicated and fed back to inform future decisions?



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

## 3. The CC M&E SYSTEM OBJECTIVES



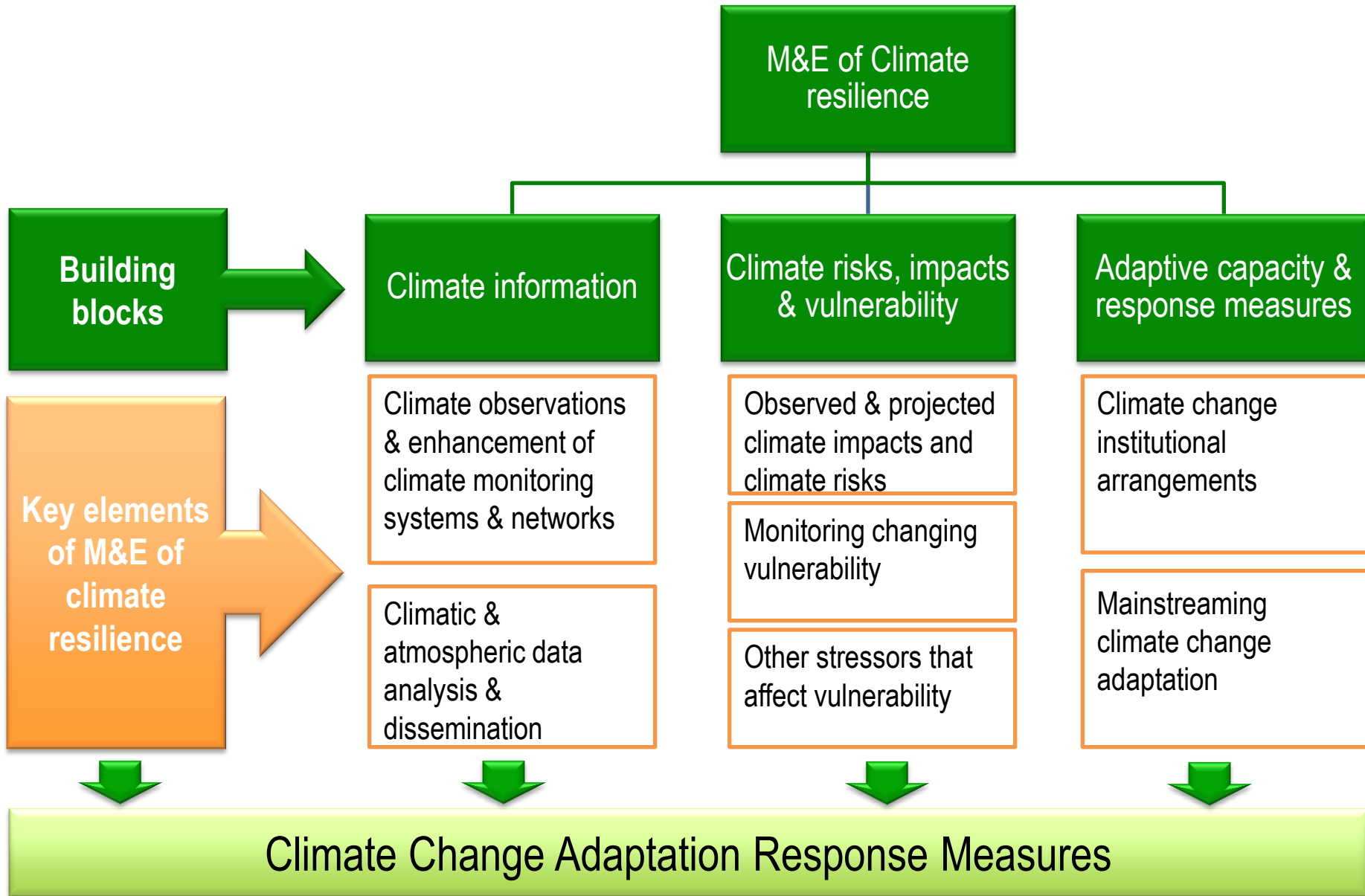
- i. Provide evidence base of the impact of and the response to climate change in South Africa**
- ii. Informing response to climate change: *scope of measures, their effectiveness, etc.***
- iii. 'One-stop shop' of climate change information in South Africa**
- iv. Learning – *for programme managers, for experts, for policy-makers, for the public***
- v. Institutionalize reporting of South Africa's reporting obligations in international Forums; *e.g UNFCCC, CBD***
- vi. Inform SA negotiators participating in the UNFCCC**
- vii. Support identification of resource needs, allocations & opportunities in climate change response**



### **3. Benefits of the CC M&E System**



# Key Elements of M&E of climate resilience



# ON-GOING ACTIVITIES – TRACKING CLIMATE RESILIENCE IN SA

1. Progress on number of policies, plans, strategies, integrating climate change adaptation
  2. Number of stakeholder platforms on climate change related activities
  3. Progress on number of policies, plans, strategies informed by risk/vulnerability assessments and climate projections
4. Scope of existing monitoring systems and networks to monitor climate and atmospheric parameters
  5. Analysis of climatic and atmospheric data to inform policy and decision making
  6. Monitoring changing climate vulnerability



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA



# Process for developing indicators

## Step 1

- Development of desired adaptation outcomes
- Describe the intended goals of adaptation from observed and projected impacts, risks and vulnerabilities

## Step 2

- Development of indicators based on desired adaptation outcomes
- Indicators for an enabling environment needed for each desired adaptation outcome

## Step 3

- Nation-wide stakeholder consultations (2015 & 2016)

## Step 4

- Final set of indicators (including indicator fact sheets) based on desired adaptation outcomes (2017)



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

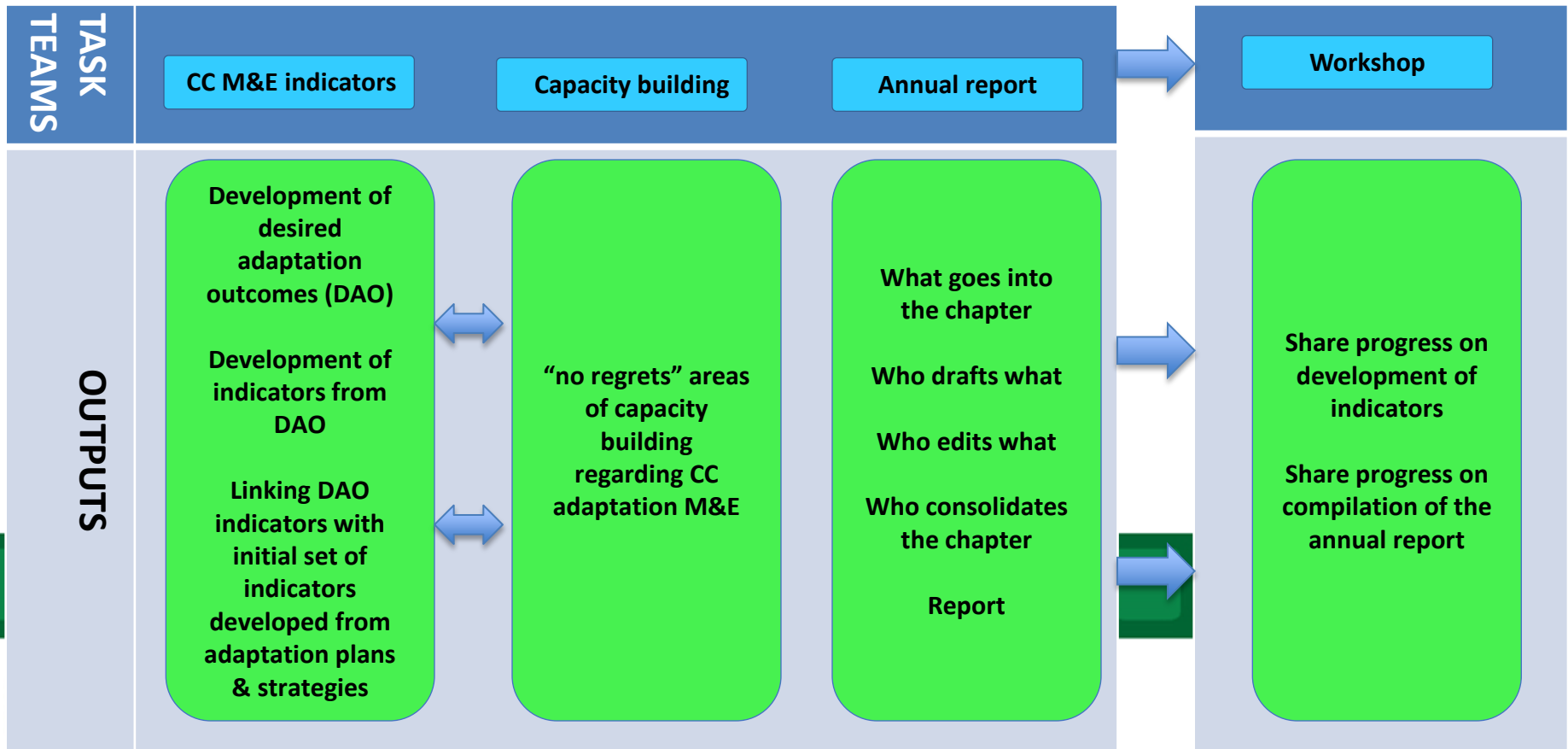


# OPERATIONAL STRUCTURE OF THE STEERING COMMITTEE

IGCCC

Secretariat

CC M&E Steering Committee



Chairperson: Dr Mangi Mqguba (DWS)

Co-chairperson: Mrs Heather Terrapon (SANBI) assisted by Mrs Julia Mambo (CSIR, SARVA)



# What still needs to be done?

- Continuous improvement and updating of the existing information
- Expand information collection to areas in which information has not been collected
- Set-up, maintain and enhance information flows
- Develop knowledge products on an on-going basis



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA



Email: [tmakholela@environment.gov.za](mailto:tmakholela@environment.gov.za)

Tel: 012 399 9150



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

