

# CLIMATE CHANGE MONITORING & EVALUATION

THE NATIONAL CLIMATE CHANGE RESPONSE POLICY

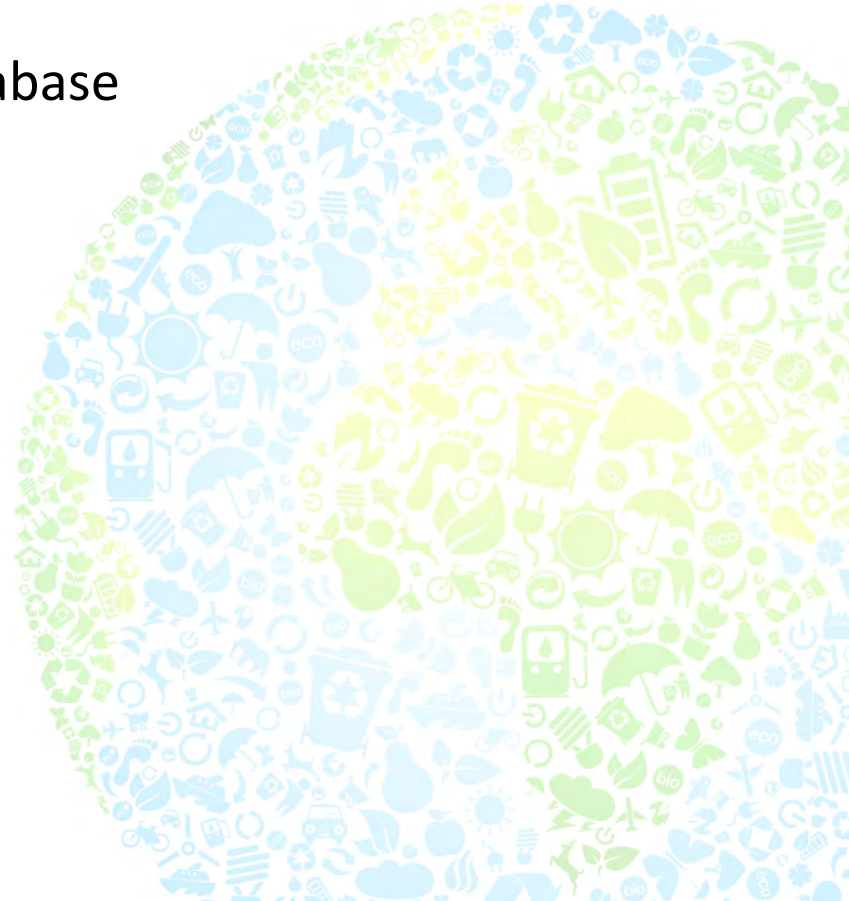


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# Overview of the presentation

- Update on Climate Change Information Programmes:
  - Third National Communication
  - Biennial Update Report
  - GHG Inventory (2000 – 2010)
  - National Climate Change Response Database
- Near-Term Flagship Programmes
- M&E System
  - Mandate
  - Institutional arrangements
  - Overall approach (incl. current work)





# General structure of National Communications

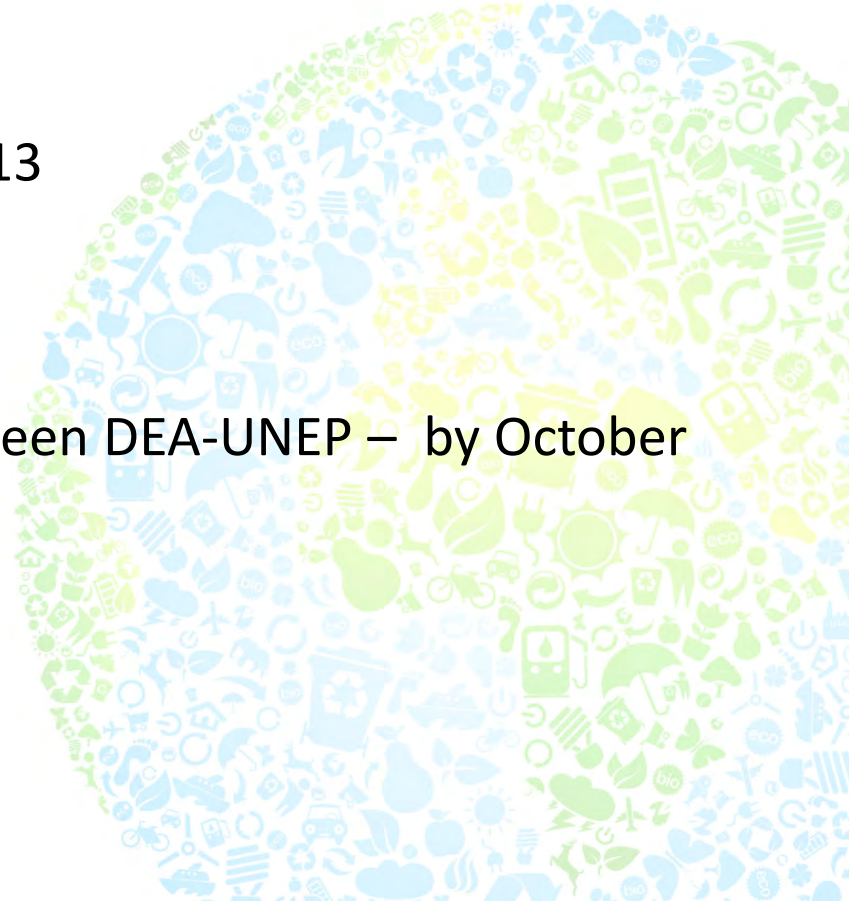
- National circumstances
- National GHG inventory
- General description of steps
  - programmes containing measures to facilitate adequate adaptation
  - programmes containing measures to mitigate climate change
- Other information
  - transfer of technologies (4/CP.7)
  - research and systematic observation (5/CP.5)
  - education, training and public awareness (Article 6)
  - capacity-building (2/CP.7)
  - information and networking
- Constraints and gaps



# Progress : SA's Third National Communication

## Documents submitted to UNEP/GEF so far:

- PIF Document – Nov 2012
- Log-frame – April 2013
- Pro-doc – May 2013
- CEO Endorsement Letter – June 2013
  
- Next steps:
  - Signing of the legal document between DEA-UNEP – by October 2013





# Biennial Update Report: Scope

- Information on national circumstances and institutional arrangements supporting compilation of National Communication
- National Inventory Report
- Mitigation actions and their effects, including associated methodologies and assumptions,
- Constraints and Gaps, financial, technical and capacity needs
- Information on the level of support received to enable the preparation and submission of BURs
- Information on domestic measurement reporting and verification

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**Progress:** Contracting a service provider to undertake this work



# GHG Inventory (2000 – 2010)

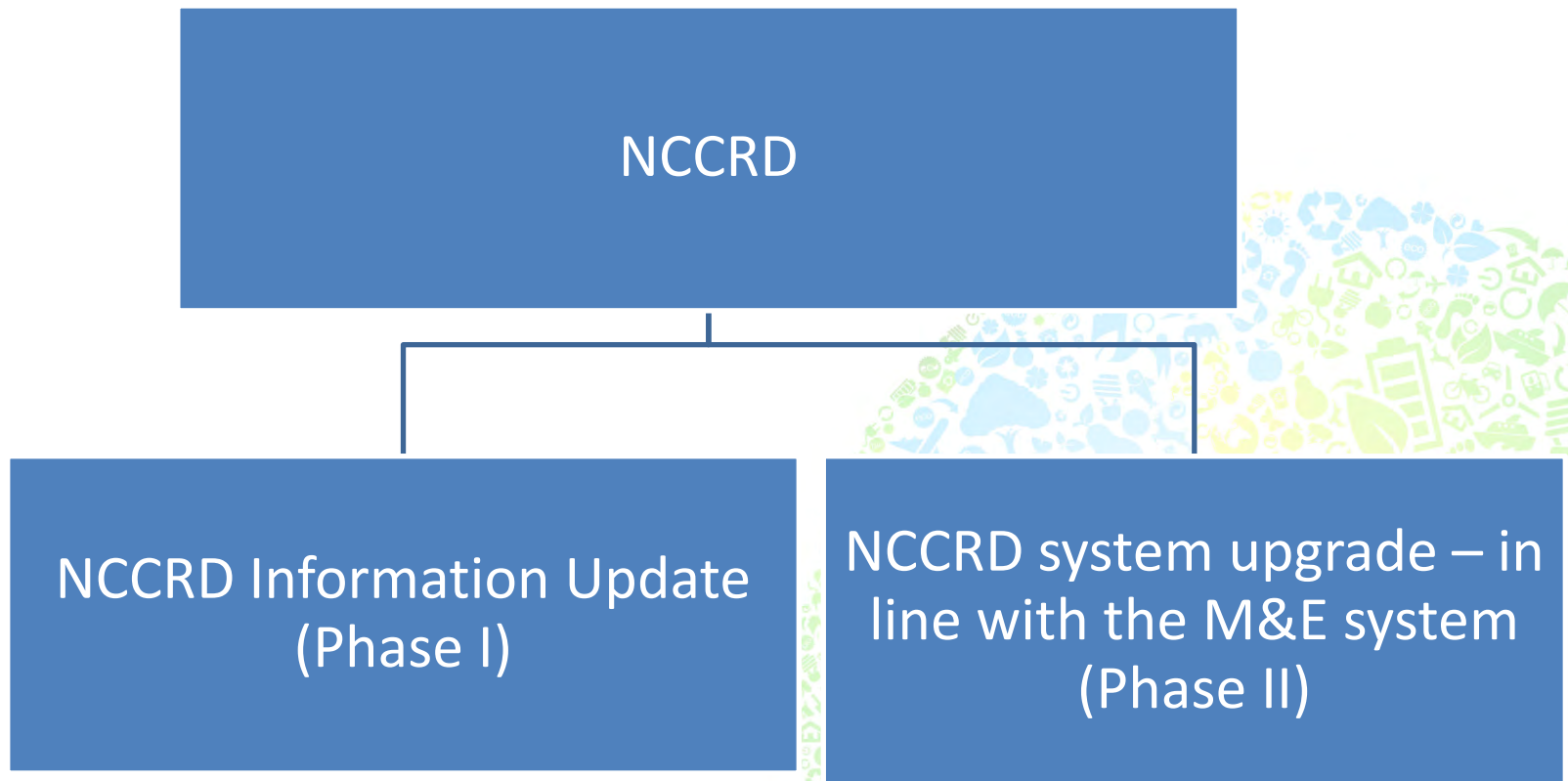
Draft GHG Inventory Project published for **public comment** –  
to be closed at the end of September 2013

Draft National Inventory Report (NIR) subjected to an **independent review process** –  
to be completed in October 2013





# National Climate Change Response Database (NCCRD)





# Near-Term Flagship Programmes

## Mapping exercise of Near-Term Flagship Programmes

Developing partnerships in the implementation of some of the flagship programmes:

- Public Works Flagship: DEA
- Waste Management Flagship: DEA
- Vertically-integrated NAMA (V-NAMA) : DoE-DPW-DEA
- SSF NAMA/Flagship: DBSA-Human Settlements-Treasury-DEA
- Transport mitigation responses – DoT



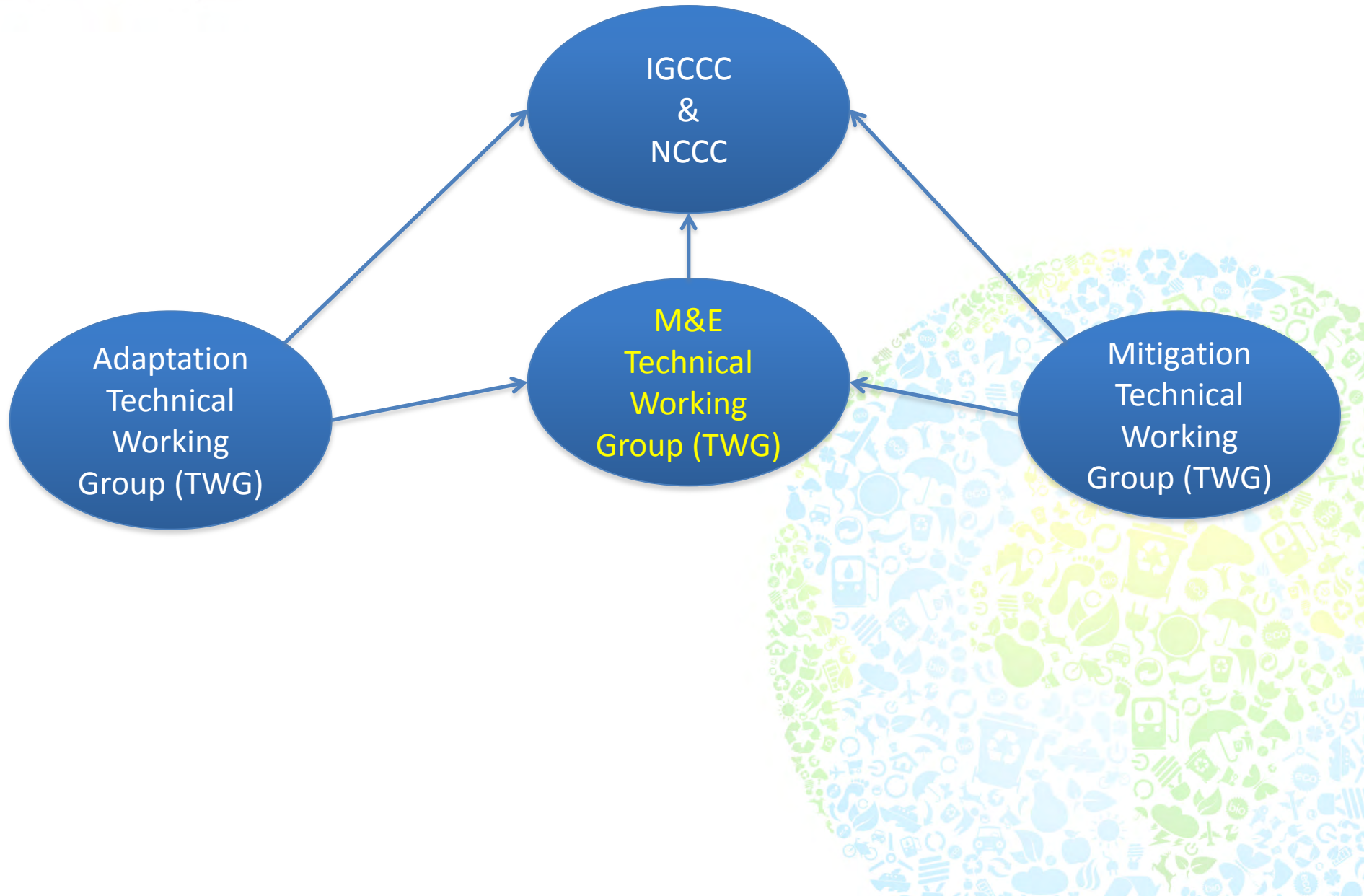


# M & E System (a) Mandate

- “Establishing a national system of data collection to provide detailed, complete, accurate and up-to-date emissions data in the form of a **Greenhouse Gas Inventory and a Monitoring and Evaluation System to support the analysis of the impact of mitigation measures**” (Section 6.5)
- “To **monitor the success of responses to climate change**, and to replicate the ones that have worked well, we need to measure their cost, outcome and impact” (*Section 12.3*)
- “design and **publish a draft Climate Change Response Monitoring and Evaluation System**, ..... will evolve with international Measuring, Reporting and Verification requirements” (Section 12. 3.2)



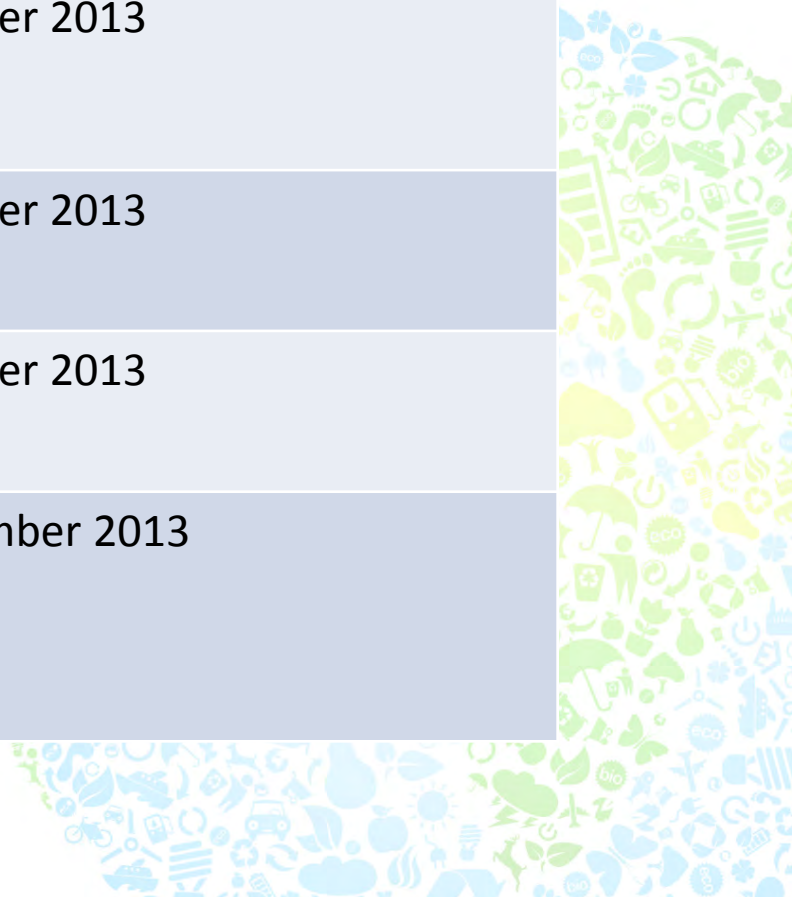
# M & E System: (b) Institutional Arrangement





# M & E System: (c) Approach

Steps	Timelines
1. Outlining conceptual issues of the M&E system	By July 2013
2. Description of existing systems and institutions that can support the M&E system	By October 2013
3. Design of the M&E system	By October 2013
4. Visual description of the M&E system	By October 2013
5. Considerations of long-term sustainability of the monitoring and evaluation system.	By December 2013





# Simplified overall approach

- New & existing Databases
- Project owners & implementers
- Adaptation
- Mitigation
- Research institutions
- National departments
- Etc.

## CC Response M&E System

### NCCRD

1. *Climate change impacts*
2. *Adaptation responses*
3. *Mitigation responses*

Companies, installations, municipalities, etc.

## GHG Inventory System

### SAAQIS

*Company / Installation – level emissions*

National Communication

Biennial Update Report

Annual publication of monitoring process



**THANK YOU!**

