



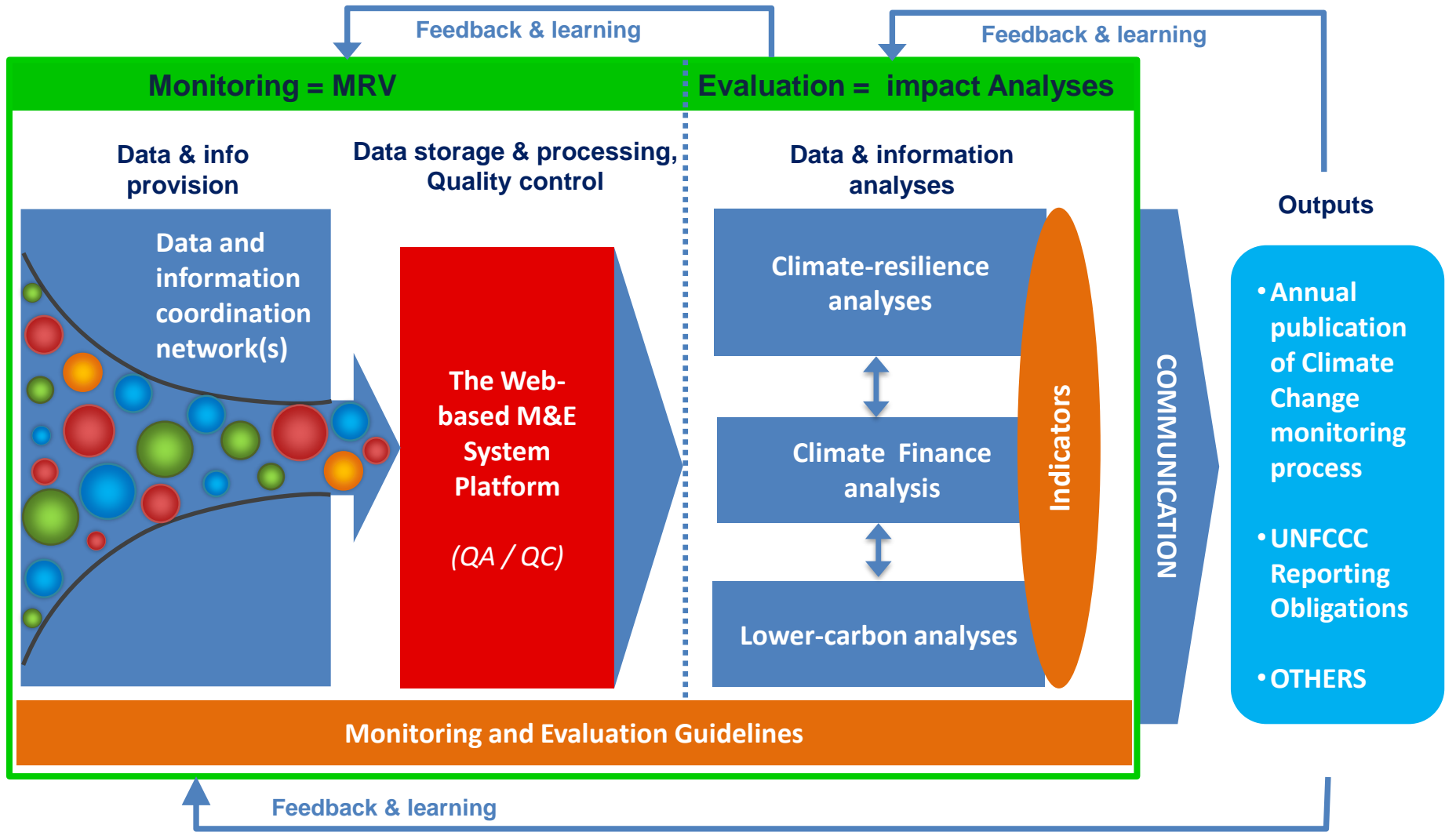
Methodologies for assessing the impact of mitigation actions



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA





The System

The Role of M&E guidelines

To give guidance on:

1. the assessment methods and approaches for assessing the Lower-carbon indicators, primarily GHG mitigation
2. on accounting for overlaps and linkages between mitigation policies & measures
3. the type of data and information to be measured and monitored over time
4. possible SD benefits for different PAMs and how they can be monitored
5. uncertainty assessment & QA/QC procedures
6. reporting into the M&E system

The M&E guidelines

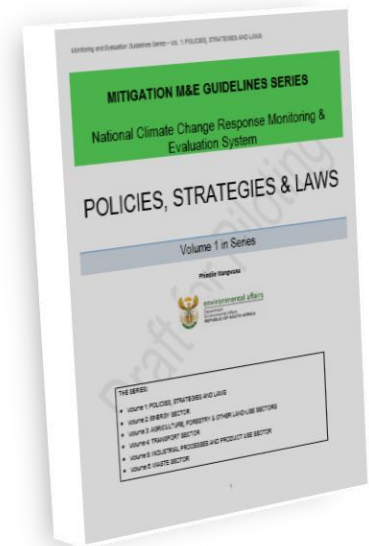
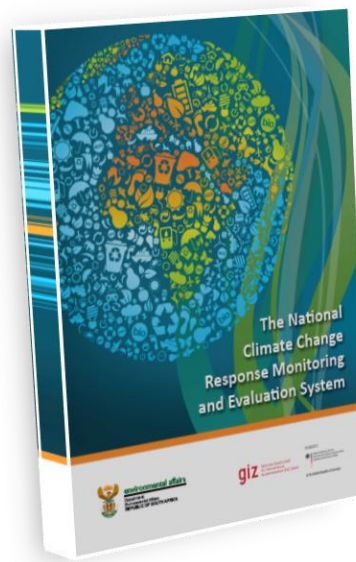
6 volume series composed of the following:

VOLUME No	TITLE	SUPPORT
1	POLICIES, STRATEGIES AND LAWS	WRI
2	ENERGY SECTOR	USAID
3	WASTE SECTOR	USAID
4	TRANSPORT SECTOR	USAID
5	INDUSTRIAL PROCESSES	USAID
6	AGRICULTURE, FORESTRY AND OTHER LAND-USE SECTORS	AUSTRALIA

General Outline of Guidelines 2 – 6

1. **Introduction:** Short General CC background; The national CC M&E system; Sectorial/sub-sectorial background
2. **Objective & scope** (*the specific types of response measures covered in the guideline*)
3. **Guideline Steps:**
4. **STEP 1:** Selecting the mitigation measures
5. **STEP 2:** Selecting the indicators (From the M&E system indicators)
6. **STEP 3:** Undertaking the assessment (*Methods & data issues; dis-aggregated by type of response measure where necessary; Various options in approaches presented where applicable*)
 - i. Implementation progress
 - ii. Impact assessment
 - *GHG emissions*
 - *jobs & other SD indicators*
 - iii. Effectiveness assessment
7. **STEP 3:** Quality control and Assurance
8. **STEP 4:** Reporting

Volume 1: Background



- GHG protocol - Developed by the WRI.
- Provides standardised methods for estimating GHG effects of policies and Actions

- Defines SA's CC Response M&E system
- Outlines indicators
- Outlines tools and guidelines needed

- South Africa specific
- Based on the standard GHG protocol.
- Provides general guidance on assessing M&E system indicators for policies

Summary of the Guideline

- How to estimate M&E system indicators of climate-relevant policies and strategies:

A. Implementation indicators

B. Impact Indicators

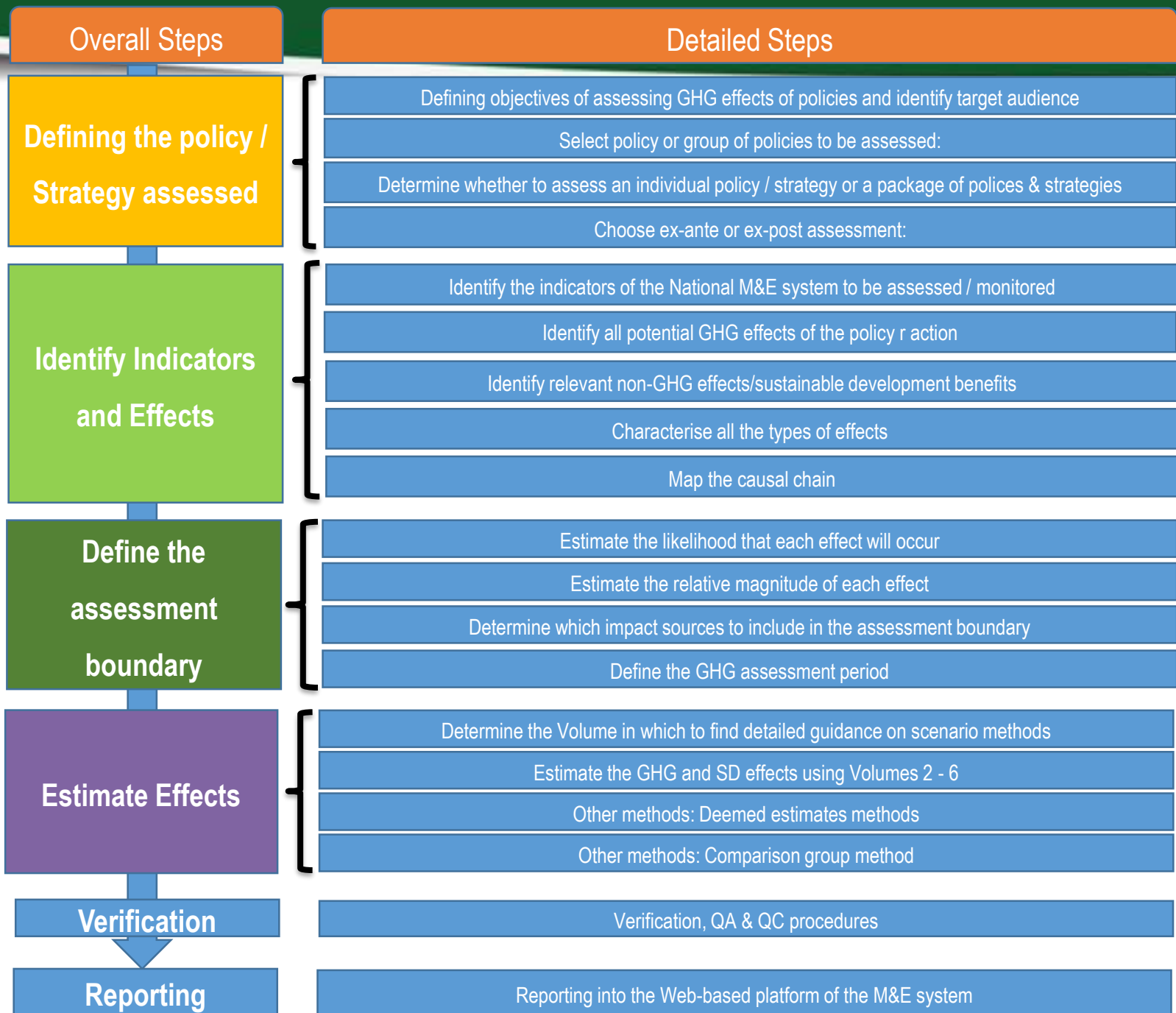
GHG effects

Sustainable Development co-benefits / costs

Effectiveness

C. Effectiveness Indicators

- How to identify policy interaction and define assessment boundary
- Hardly any equations prescribed:
 - makes reference to other volumes (Vol. 2 – 6)
 - Only gives guidance on how to aggregate results
 - Focus is on direct emissions rather than Life-cycle approach



PILOTS (2007 – 2014)

- 1. National Public Transport Strategy 2007**
- 2. National Waste Management Strategies 1999/2010**

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South Africa



Thank You