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Evaluation and Monitoring of Protected Areas Management Effectiveness Using Management Effectiveness Tracking Tool (METT): A South African Journey from Baseline to a Modern Web-Based Tool

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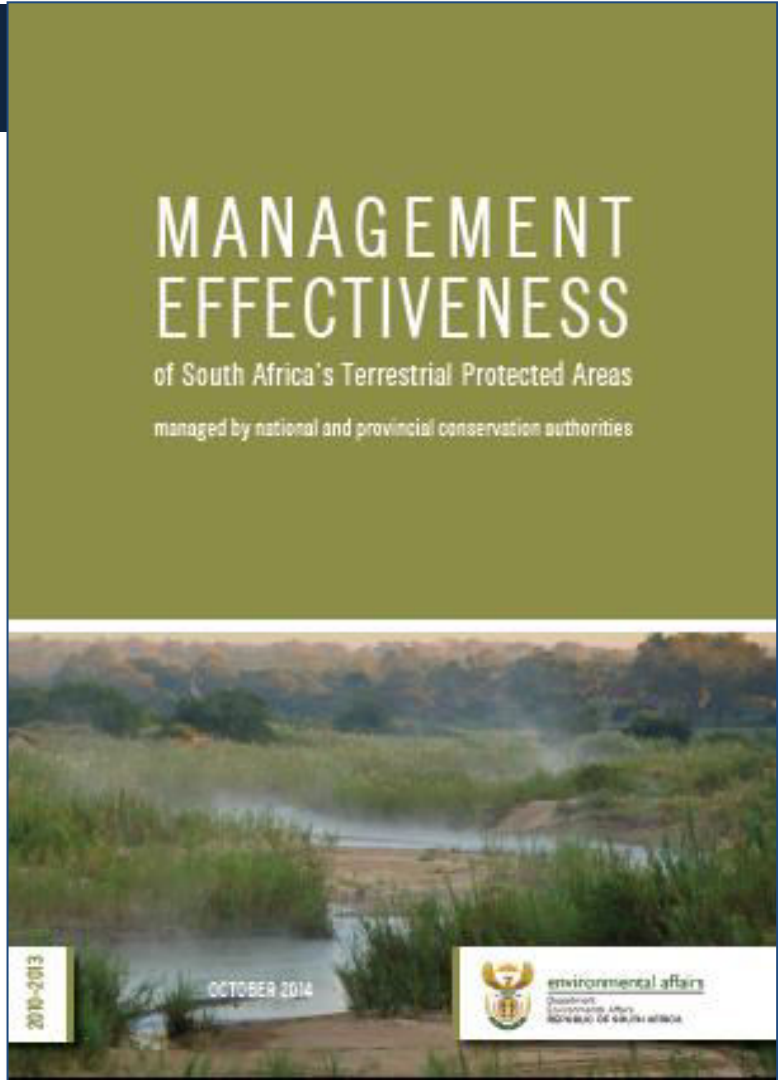
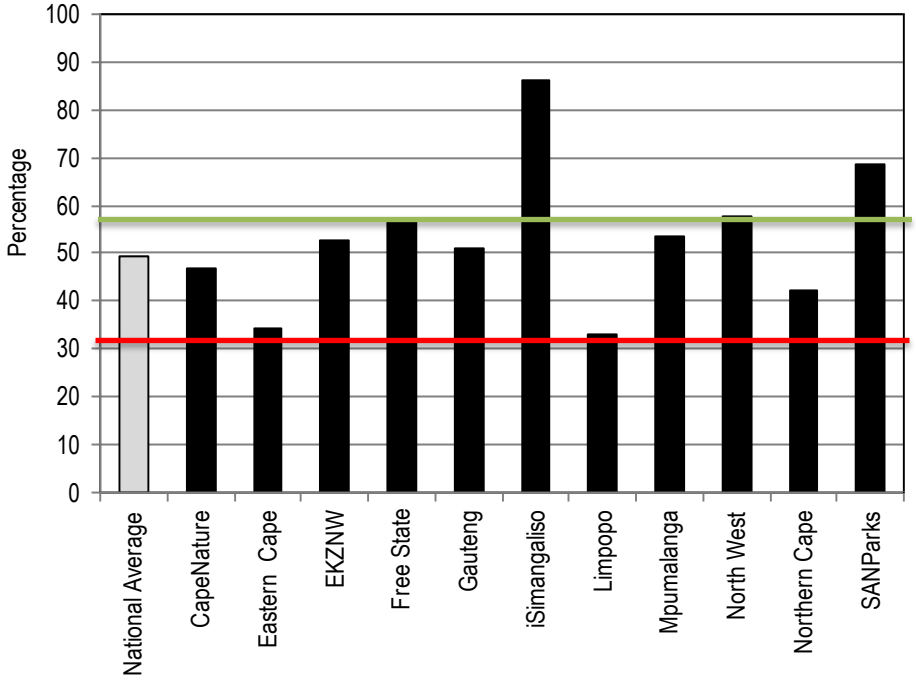
Introduction:- Why do assessments?

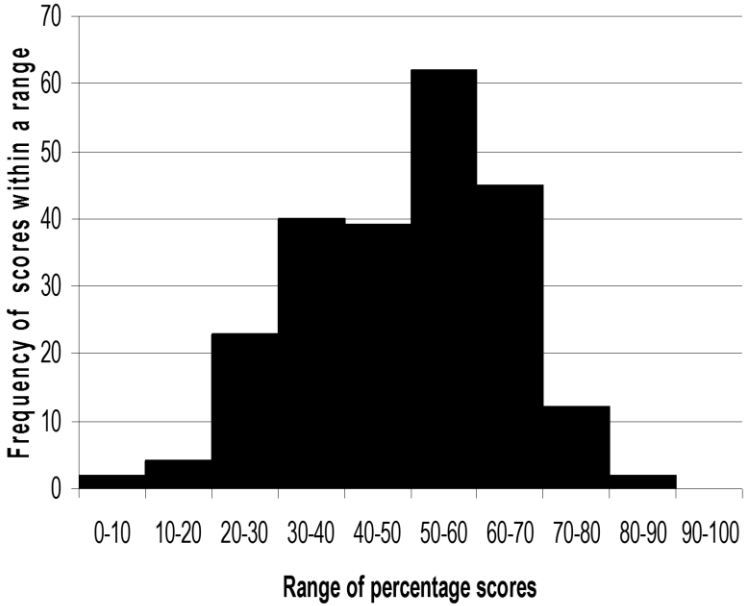
- Meet South Africa's obligations for CBD **Target 11** & PoWPA, specifically goal 4.2 which requires Parties to evaluate management effectiveness of their PAs
- South Africa adapted the international METT for relevance to its situations
- Determined baseline and continue to monitor implementation by management authorities on annual basis
- Integrated into strategic planning of the sector and set ambitious annual targets
- Management interventions implemented to improve the scores
- The tool evolved over time to suit different kinds of PAs, ie. **MPA**, WHS, Ramsar Sites, Stewardship Sites Private Nature Reserves, National Parks & Nature reserves



Baseline Study Results

0-33%=ineffective mngnt, 33-67%=basic mngnt with significant deficiencies & ≥67%=sound mngnt





Average effectiveness = 49% & only 52% PA with ≥ 67% (effective). Semi-normal distribution = problem!!

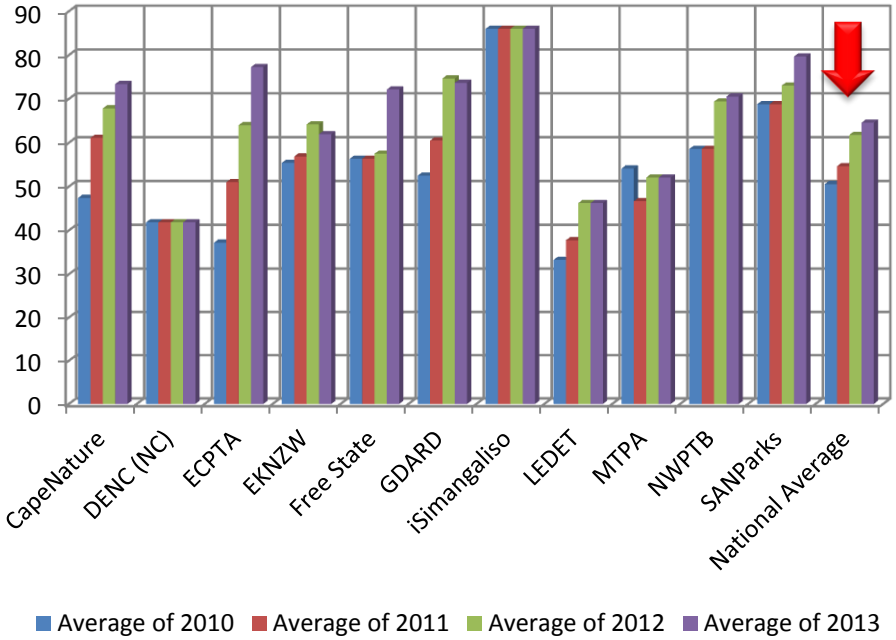
Radical National Step to Improve PA Management Effectiveness

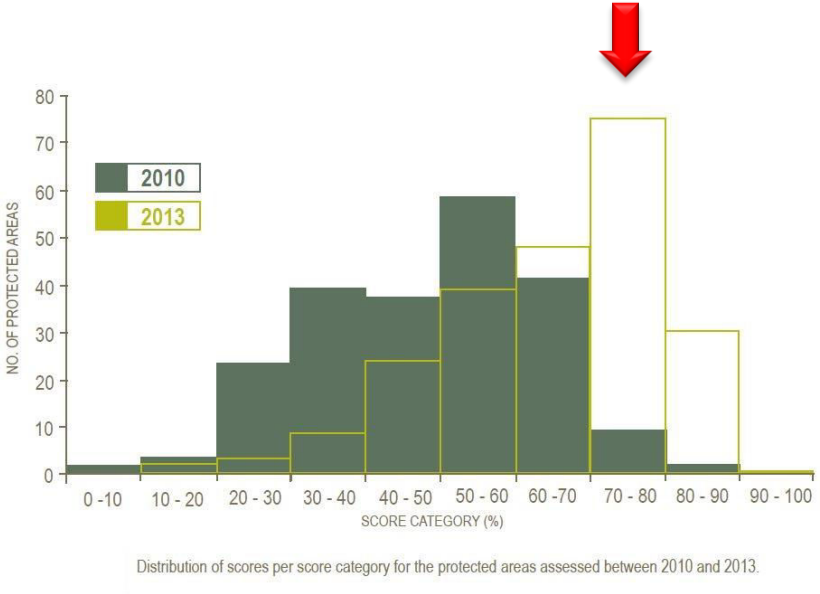
National METT Score Targets

"**60%** of state managed protected areas to have a METT score above **67%** by the end of **2014 fiscal** year"

- To be achieved through ensuring incorporation of the target into:
  - Outcome 10,
  - Strategic plans &
  - Other subsidiary and appropriate plans across all spheres of government within the sector
- On-going annual monitoring of the implementation & trends determination

Results of the Monitoring of METT-SA Application



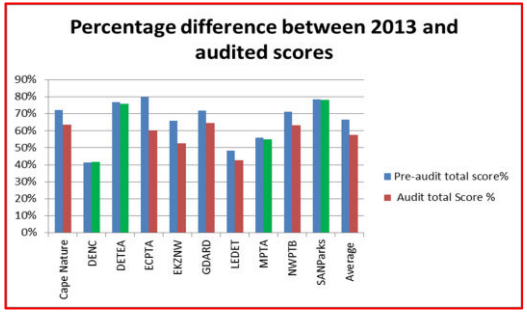


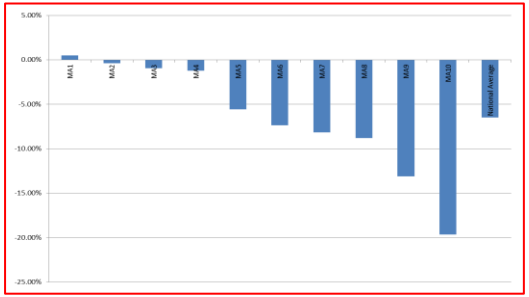
Distribution of scores per score category for the protected areas assessed between 2010 and 2013.

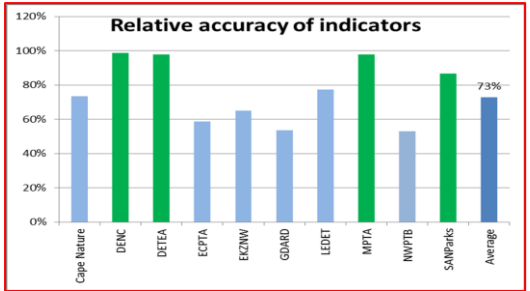
South Africa's Response to the Increase of the Scores

Auditing/Verification of Self-Assessed METT Scores Submitted to DEA to Determine Accuracy

Conservation Management Authority	Number of protected areas in sample	Pre-audit (2013) total score% of sample	Average audit total score %	Difference between pre-audit score 2013 and audit score
Cape Nature	11	72.29%	63.48%	-8.81%
DENC	2	41.21%	41.71%	0.50%
DETEA	4	76.96%	76.01%	-0.95%
ECPTA	4	79.93%	60.28%	-19.65%
EKZNW	16	65.84%	52.74%	-13.10%
GDARD	2	72.02%	64.68%	-7.34%
LEDET	9	48.29%	42.74%	-5.55%
MPTA	4	56.10%	54.88%	-1.22%
NWPTB	4	71.36%	63.19%	-8.17%
SANParks	4	78.67%	78.29%	-0.38%
	National Average	66.61%	57.79%	-8.83%







South Africa Strengthens its Tool for Accurate Assessments

What is in the new developed tool which makes it robust & more reliable?

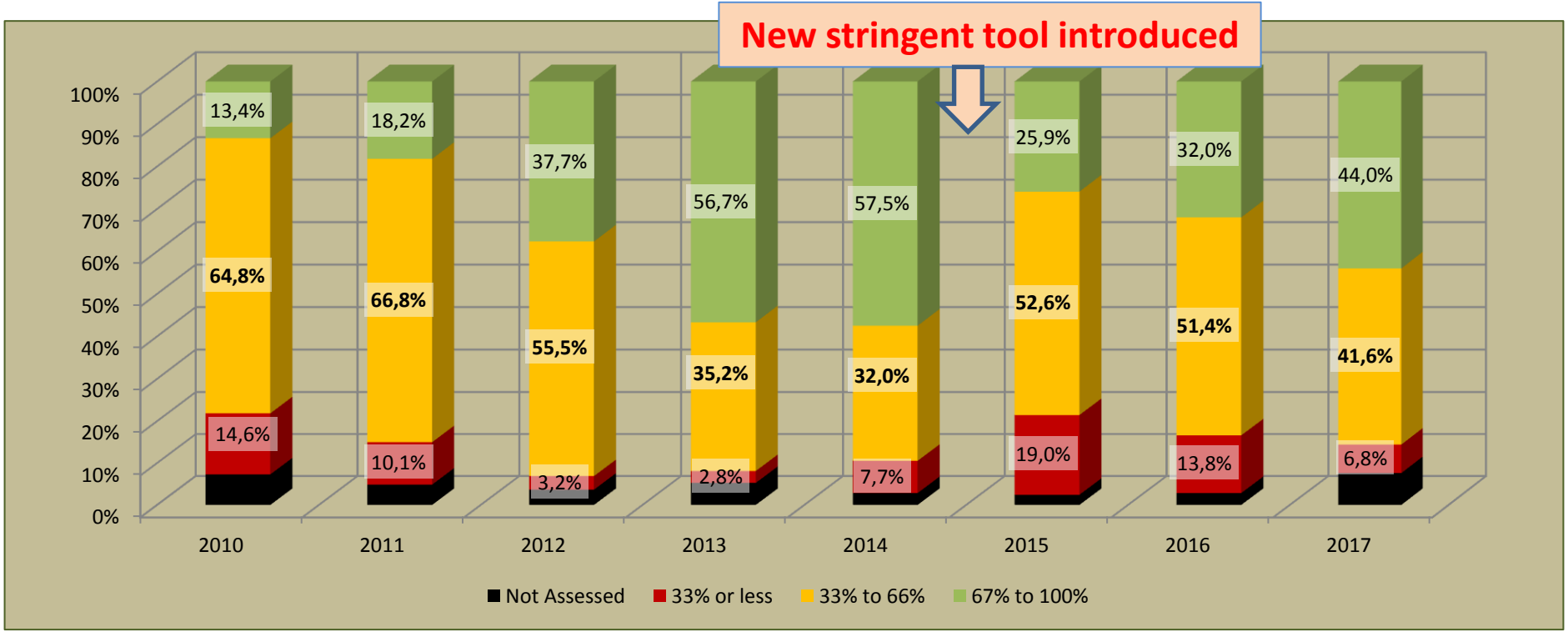
- Improved on Outcomes
- More indicators (30 to over 70)
- More specific questions with more specific answers: relinquished ambiguity
- Verification for a full score of 3
- Documentation required
- Requires signatures of assessors
- Identifies priorities and follow up steps
- Highlights problems beyond the control of the manager.
- Highlights potential areas requiring external funding.

Indicator score	Pre-METT 3	METT 3
0	No management	No Management
1	Inadequate management	Inadequate management
2	Basic management with significant deficiencies	Sound management
3	Sound management	Best practice

Results of the Monitoring of Management Effectiveness

National Pooled Data Trends Over Years

Management effectiveness scores from 2010 to 2017 as per number of protected areas



South Africa Modernizes the Tool into Web-Based

Development of the web-based METT tool for streamlined data input, analysis and reporting

- **Web-Based METT Tool is:**
  - **USABLE**: Functionality focused on simplicity and user friendly design.
  - **ACCESSIBLE**: Available through a web browser whilst an offline version can be completed in areas without connectivity.
  - **REPEATABLE**: Can be used across all protected and conservation areas in South Africa regardless of legal designation or ownership status.
  - **STREAMLINED**: Allows for streamlined data collection, reporting and analysis
- MUST CONTRIBUTE TO IMPROVING MANAGEMENT EFFECTIVENESS!