



REPUBLIC OF SOUTH AFRICA



# Operation Phakisa: Unlocking the Economic Potential of South Africa's Oceans

Marine Protection Services and Governance  
LAB REPORT

15 OCTOBER 2015

1



- Marine transport and manufacturing

2



- Offshore oil and gas exploration

3



- Aquaculture

4



- Marine protection services and ocean governance

5



- Coastal tourism

OVERVIEW

The Lab outcomes have been a collaborative effort of more than 40 representatives from the Government, Private Sector and Civil Societies throughout the Lab period



NOT EXHAUSTIVE

environmental affairs  
Department: Environmental Affairs  
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water & sanitation  
Department: Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

national treasury  
Department: National Treasury  
REPUBLIC OF SOUTH AFRICA

defence  
Department: Defence  
REPUBLIC OF SOUTH AFRICA

transport  
Department: Transport  
REPUBLIC OF SOUTH AFRICA

agriculture, forestry & fisheries  
Department: Agriculture, Forestry and Fisheries  
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performance monitoring and evaluation  
Department: The Presidency  
REPUBLIC OF SOUTH AFRICA

home affairs  
Department: Home Affairs  
REPUBLIC OF SOUTH AFRICA

public enterprises  
Department: Public Enterprises  
REPUBLIC OF SOUTH AFRICA

Principles of the EASTERN CAPE  
DEPARTMENT OF ECONOMIC DEVELOPMENT, ENVIRONMENT AND TOURISM

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SOUTH AFRICAN MARITIME SAFETY AUTHORITY

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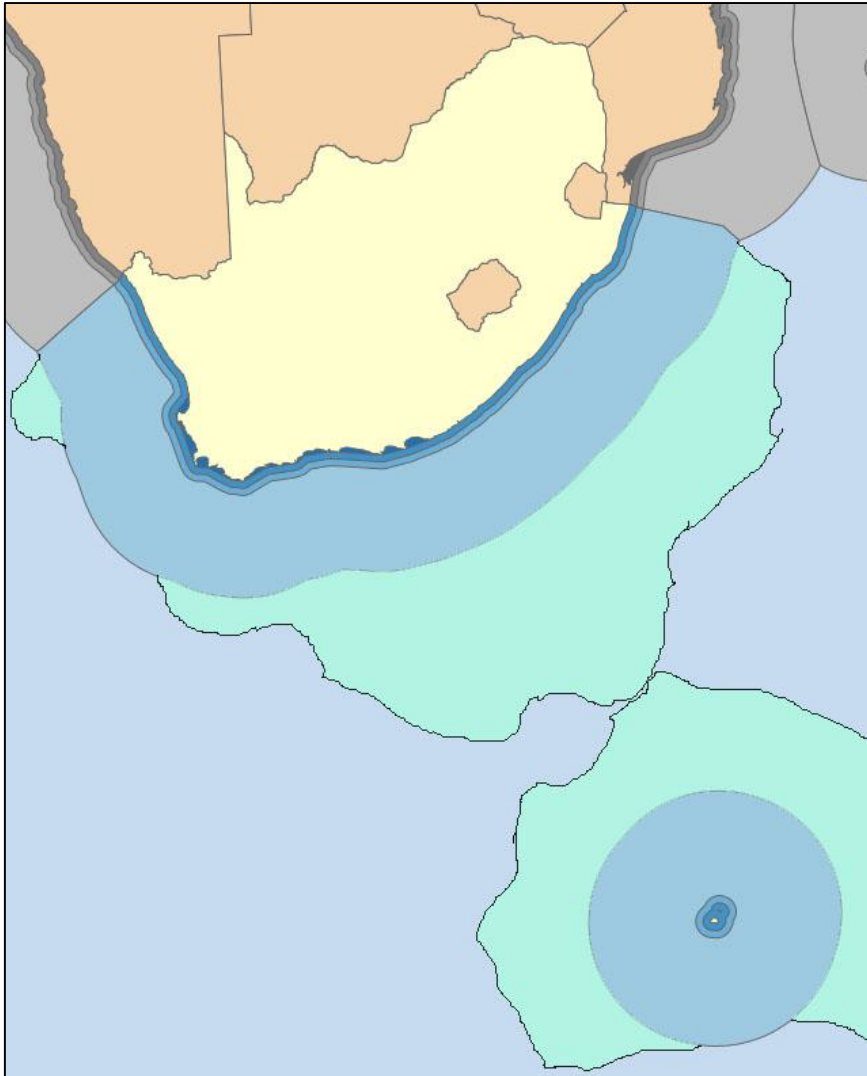
LET MVELLO  
KEN WILDLIFE

SOUTH AFRICAN national biodiversity institute  
S A N B I

OPERATION PHAKISA

# South Africa has more ocean space than land, and our ocean will increase should the extended continental shelf claim be successful

Legend    Land Mass    EEZ    Extended Continental Shelf Claim



Land Size:

1.2 mn km<sup>2</sup>

Exclusive Economic Zone (EEZ)  
Size:

1.5 mn km<sup>2</sup>

- South Africa is responsible for managing an **oceans space** that is **greater** than the **land territory**
- Extended continental shelf claim will **double** the size of the **ocean geographic extent**



## Our existing environmental regulatory framework has already identified the need for a new coordinated sectoral management system

“ Develop an integrated approach to ocean governance including management plans for ocean areas, environmental variables, conflict scenarios and trade-offs as recommended in the White Paper on the National Environmental Management of the Ocean.

*Cabinet decision on Ocean Economic Perspective Study – Dec 2013*

Over the next five years South Africa will transition from the current sector based ocean management approach to a coordinated cross-sectoral planning scheme. The movement towards a coordinated cross-sectoral planning approach is required by the existing statutory framework. ”

*White Paper on the National Environmental Management of the Ocean – May 2014*

**Operation Phakisa aspires to implement this new coordinated ocean governance approach in the next 5 years**

To implement an **overarching, integrated ocean governance framework** for **sustainable growth** of the ocean economy to maximise socio-economic benefits whilst ensuring **adequate ocean environmental protection** within the next 5 years

# The Lab proposes the implementation of 10 key initiatives to achieve these targets

## Integrated Ocean Governance and Protection

### Integrated Framework and Governance



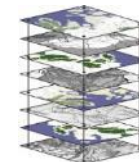
- 1 Ministerial Committee and Secretariat to Govern Activities
- 2 Enhancement of Legislation into the Integrated Coastal and Oceans Management Act or Oceans Act
- 3 Review of ocean-related legislation
- 4 Accelerated Capacity Building Intervention in Ocean Governance

### Ocean Protection



- 5 Enhanced and Coordinated Enforcement Programme
- 6 National Ocean and Coastal Information System and Extending Earth Observation Capacity
- 7 National Ocean and Coastal Water Quality Monitoring Programme
- 8 Creation of a Marine Protected Area Representative Network
- 9 Marine Protected Area / Marine Spatial Planning Discovery, Research & Monitoring Programme

### Marine Spatial Planning



- 10 Marine Spatial Planning Process



# Specific initiatives have been identified as quick wins

## Phase I: Quick wins

*First results by March 2016*

- 1 Ministerial Committee and Secretariat to Govern Activities
- 4 Accelerated Capacity Building Intervention in Ocean Governance
- 5 Enhanced and Coordinated Enforcement Programme
- 6 National Ocean and Coastal Information System and Extending Earth Observation Capacity
- 7 National Ocean and Coastal Water Quality Monitoring Programme
- 8 Creation of a Marine Protected Area Representative Network
- 9 Marine Protected Area / Marine Spatial Planning Discovery, Research & Monitoring Programme
- 10 Marine Spatial Planning Process

## Phase II: Medium term

*First results by March 2019*

- 2 Enhancement of Legislation into the Integrated Coastal and Oceans Management Act or Oceans Act
- 3 Review of ocean-related legislation



# Progress to date in Marine protection services and governance

## Initiative 1: Ministerial Committee and Secretariat to Govern Activities

- The Oceans Secretariat has been established.
- It's role is the coordination of Oceans Economy Labs and provides administrative support to the Ministerial Management Committee and other technical meetings.

## Initiative 2 and 3: Enhancement of Legislation into the Integrated Coastal and Oceans Management Act or Oceans Act and Review of ocean-related legislation

- The draft Marine Spatial planning bill has been developed.
- Consultations was done with the National MSP working group
- It was also taken to various DEA MINTEC working groups.
- 
- The socio-economic impact study for the Draft Bill was done with DPME.
- 
- The Draft MSP bill is finalised and is en route to Cabinet for approval for publication for public comment.

### Way forward:

- Cabinet approval
- Publication in Gazette and extensive public consultation process

# Progress to date in Marine protection services and governance

## Initiative 4: Accelerated Capacity Building Intervention in Ocean Governance

- The initiative is being undertaken with the assistance of Department of Higher Education and Training.
- Questionnaires have been drafted for the various categories of stakeholders and sent to the relevant individuals.
- Working Group (WG) members have been formally established and the first meeting of the MPG WG was on Monday the 28th

## Initiative 5: Enhanced and Coordinated Enforcement Programme

- Draft SOP for an enhanced coordinated enforcement programme has been drafted and completed.
- The steering committee was established and inception meeting was held on 16 July 2015.
- Presentation made at NATJOINTS and PROJOINTS for considerations.
- 
- The NATJOINTS supplementary instruction 52 was issued to NATJOINTS operational instruction 35 of 2012.

### Way forward:

- Pilot Project Management Team to finalize Memorandum of Understanding and the pilot project.
- Request made to the EC, NC and WC Provinces to develop regional implementation plans in support of the initiative.

# Progress to date in Marine protection services and governance

## Initiative 6: National Ocean and Coastal Information System and Extending Earth Observation Capacity

- Map out existing capabilities in EO Technology for Oceans and Coasts and define Satellite Sensor Portfolio (Monkey survey)
- Develop roadmap of required capabilities and decision support tools (work commenced and Roadmap will follow after user-requirements workshop).
- Negotiate SAR multi-user government data agreement with RadarSat (DST has initiated a process with SANSA).
- Establish and implement the Data (EO) Infrastructure requirements for OC IMS (The mission and concept design have been completed);

## Initiative 7: National Ocean and Coastal Water Quality Monitoring Programme

- A Draft Oceans and Coastal Monitoring Programme has been developed and the Eastern Cape has been earmarked for establishing an accredited facility for pollution monitoring Lab.
- Development of minimum limits for 2 aquaculture effluent discharges are currently underway as they are based on the established risks per facility
- The Service Level Agreement (SLA) has been finalized for the Port St Johns project and it is anticipated that the start date of the actual monitoring will be in the beginning of October 2015 as the project is earmarked for six month and should be finalised by the end of financial year.

### Way forward:

- User-requirements workshop scheduled for 14-15 October 2015.
- Request made to the EC, NC and WC Provinces to develop regional implementation plans in support of the initiative.

# Progress to date in Marine protection services and governance

## Initiative 8: Creation of a Marine Protected Area Representative Network

- Legal drafting of the regulations and declaration notices has been completed on the 19 Offshore Marine Protected Areas. Consultations were conducted with interested and affected Departments and Agencies.
- outstanding 2 offshore Marine Protected Areas are 90% completed
- 2 additional MPAs have been added and 1 of these is finalised while the other is 90% complete

## Initiative 9: Marine Protected Area / Marine Spatial Planning Discovery, Research & Monitoring Programme

- Phakisa cruises are planned and funded for the next 2 years (2016 and 2017) with research proposals evaluated and awarded for these two cruises;
- The TORs for the National Marine Biodiversity Research Working Group have been drafted and has been distributed request for representatives
- The DEA has worked with the GIZ funded BCC programme to secure funding or the review of EBSAs and current state of biodiversity knowledge and identify knowledge gaps, these TORs were advertised ;
- The Phulisa programme is up and running as planned (students selected for 2015/16) and is implemented through SAIAB ;

### Way forward:

- Finalise remaining MPAs
- Publish for comment for 90 days in Gazette
- Collate and interrogate public comments to make amendments

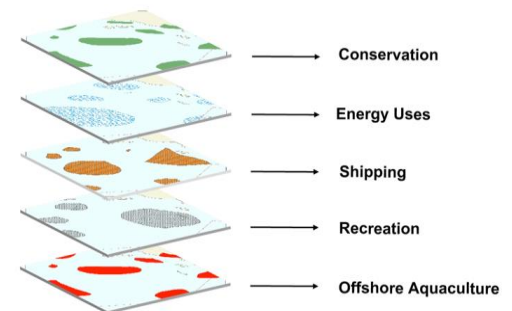
# Progress to date in Marine protection services and governance

## Initiative 10: Marine Spatial Planning Process

- Engagement was done with Norwegian experts on MSP.
- This work will capitalise on the German funding of 8.9 million Euros for a Regional Marine Spatial Planning (RMSP) for the Benguela Current Commission (BCC) area which involves Angola, South Africa and Namibia.
- National Working Group for Marine Spatial Planning has been established and a 4 day training with international experts on Marine Spatial Planning concept and approach was conducted on the 11 – 14 August 2015.
- A draft National Framework on Marine Spatial Planning is 80% completed. A 3 day drafting session was on the 21 – 23 September 2015 with the NWG

### Way forward:

- Finalise the final draft MSP framework
- Conduct stakeholder and public consultations.
- Incorporate the final MSP Framework contents to the draft MSP Bill





# Change Management Process

The MPG Lab was afforded an opportunity by DPME Phakisa Unit on the 12 March 2015 to work with Initiative Owners and Phakisa Implementing Agencies through the change management process to rectify the plans, provide reasonable targets and also align the plans with the financial year of the Departments.

Furthermore, the 3ft plan with proposed amendments/ changes was submitted to DPME Phakisa Unit twice in June and September 2015 for verifications and refinement.

The following were the issues that required amendments/ changes:

- There were not much significant changes to milestone, only re-wording them to make text clearer;
- fixing typos;
- aligning dates to sequential order;
- aligning the targets with financial year end of the Department (DEA);and
- Aligning with other donor funded programmes or international bodies.