



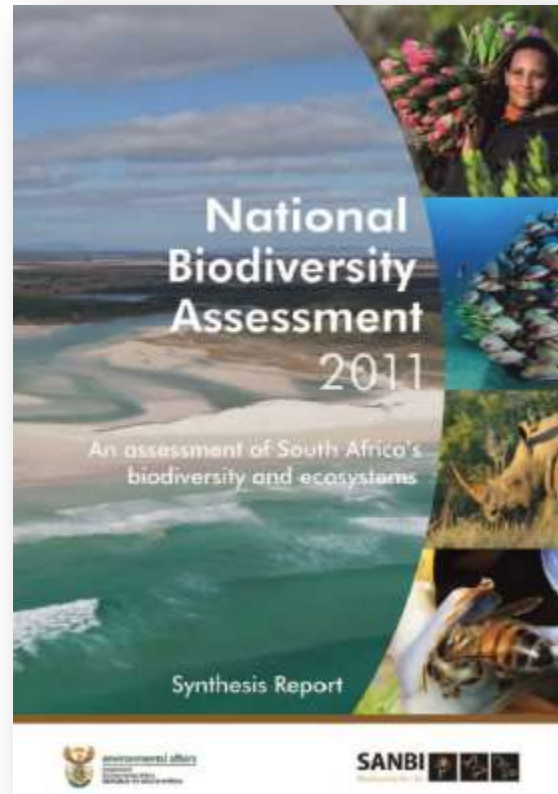
2014 Biodiversity Planning Forum

13–16 May, Mpekweni Beach Resort, Eastern Cape

National Biodiversity Assessment 2017 & progress with the National Ecosystem Classification

John Donaldson, SANBI

National Biodiversity Assessment

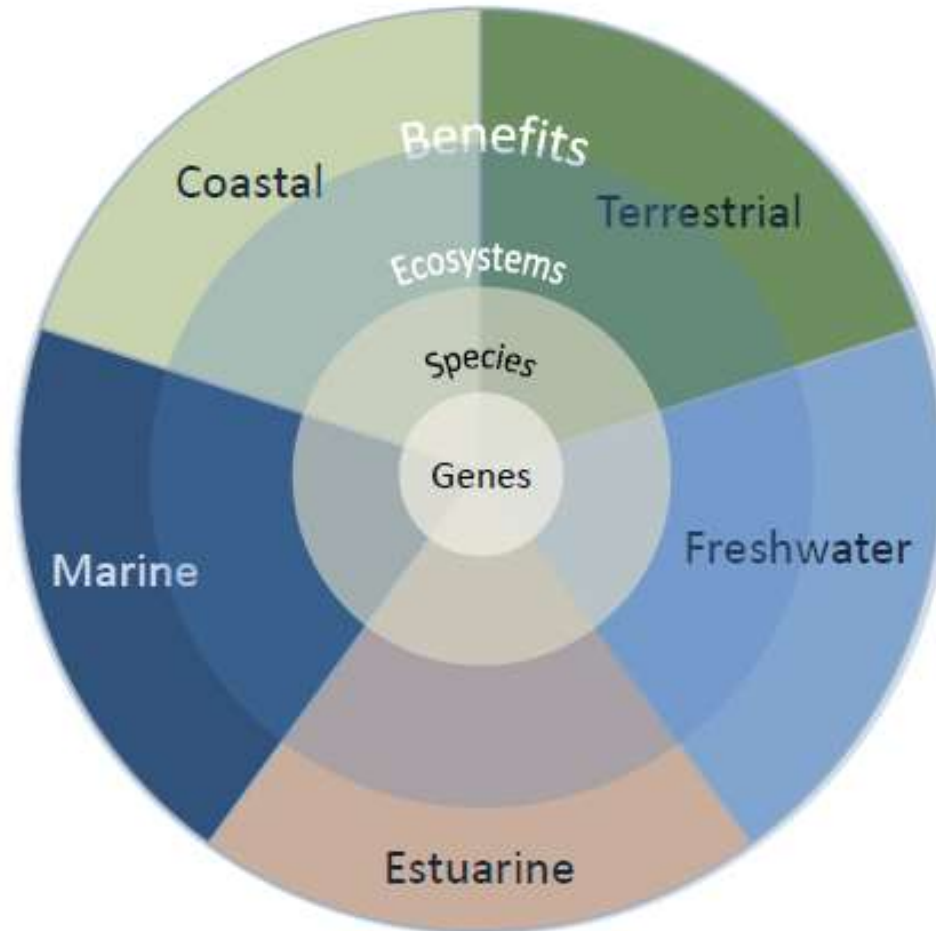


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2017

1. Content of the NBA

- Ecosystem threat status and protection level
 - Terrestrial ecosystems
 - River ecosystems
 - Wetland ecosystems
 - Estuarine ecosystems
 - Marine and coastal ecosystems
 - Spatial Biodiversity priorities
 - Resilience of biodiversity to climate change
 - Species of special concern
 - Invasive alien species
 - Knowledge gaps and research priorities
 - Genetic Diversity +
 - Benefits /implications of change in biodiversity
- 2004
- 2011
- 2017

1. Content of the NBA



2. Outputs for NBA 2017

- **Conceptual framework**

- **Component technical reports**

Technical reports setting out the data, methods and results.

- **Synthesis report**

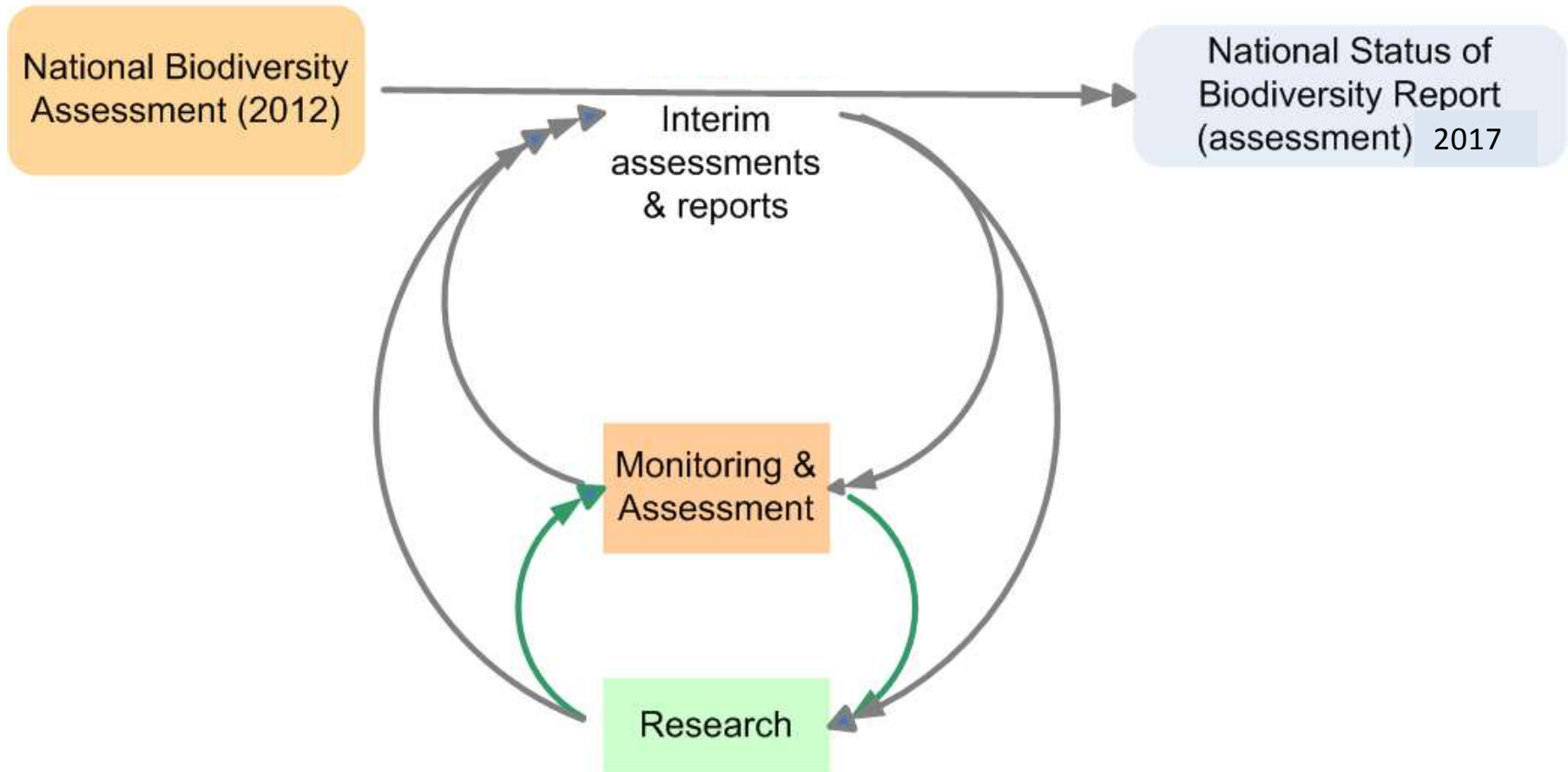
Sum of the findings from all the components together with a coherent narrative that speaks to policy and to South Africa's developmental goals.

- **LIFE report**

much shorter report aimed at a popular audience and the general public.

- **Peer-reviewed papers**

3. Integration with Monitoring Framework & National Research Strategy



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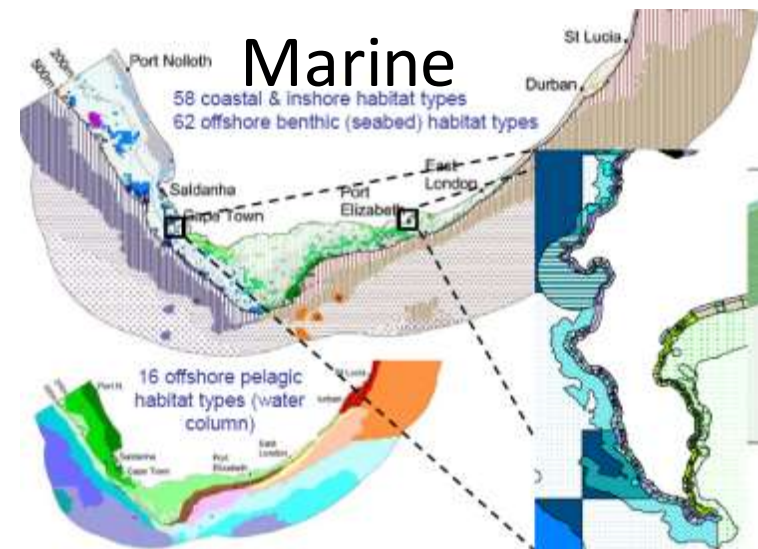
National Monitoring Framework

- Alignment of monitoring indicators with NBA, e.g. level of threat for different ecosystems
- Will focus on data that is required for next NBA, e.g. genetic diversity

National Biodiversity Research Strategy

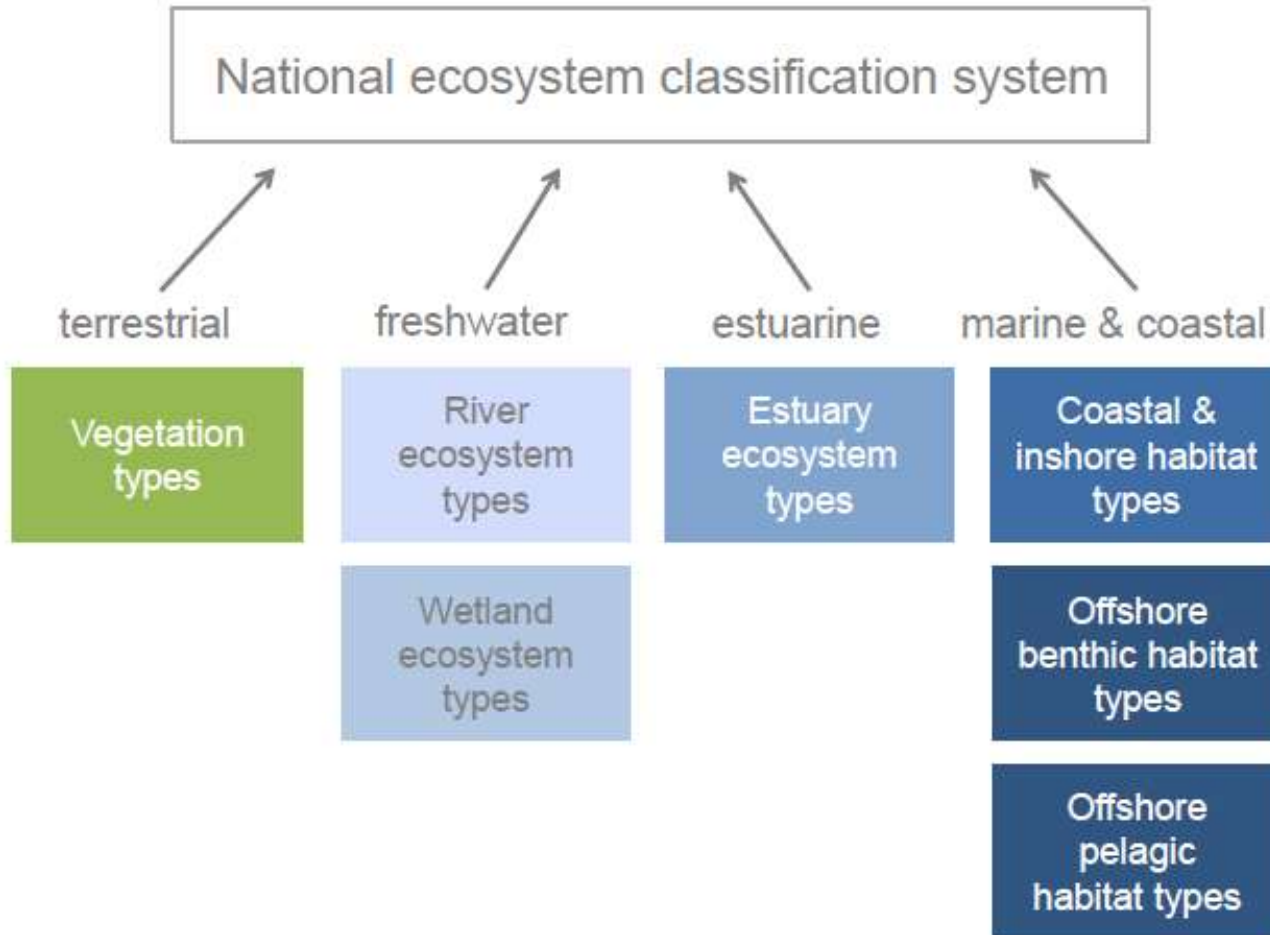
- Includes priorities from the 2011 NBA
- Highlights critical needs such as landcover data
- Should mobilise and focus resources on these priorities

4. Improved Classification Systems & Maps



- Agreed national map of ecosystem types for each environment,
- Ideally accompanied by descriptions of each ecosystem type (?NBA 2017).

4. Ecosystem classification cont'd



Going Forward

- Appointing the NBA science leader within SANBI
- Norway funded project to increase capacity within the region
- Ecosystem Classification System/ Committee
- Obtaining data for assessing the condition of ecosystems
- Implementing the monitoring framework and research strategy to strengthen data inputs
- Setting up teams to lead and coordinate different components
- Thought leadership regarding new issues such as genetics, benefits/ impacts

THANK YOU

