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REPUBLIC OF SOUTH AFRICA



# EXTENSION OF A STRATEGIC ENVIRONMENTAL ASSESSMENT TO FACILITATE THE EFFICIENT AND EFFECTIVE IMPLEMENTATION OF WIND AND SOLAR PHOTOVOLTAIC ENERGY DEVELOPMENT IN SOUTH AFRICA

## Expert Reference Group and Project Steering Committee Meeting

25 July 2017

Presented by:  
Abulele Adams (CSIR)

Tel: 021 888 2408 - Email: [aadams1@csir.co.za](mailto:aadams1@csir.co.za)

# Presentation outline

- **Wind and Solar SEA (Phase 2)**
  - **Introduction**
    - Updated project team and roles
    - Multi Author teams
    - Timeline and methodology
    - Consultation
  - **Technical Considerations**
  - **Environmental Considerations**
  - **Socio economic Considerations**
  - **Way Forward**



# Project Team and roles

SEA process development and implementation

DEA

- Dee Fischer, Project Director
- Simon Moganetsi, Project Coordinator

CSIR

- Lydia Cape, Project Leader
- Abulele Adams, Project Manager

Sensitivity mapping and specialist studies

SANBI

- Fahiema Daniels
- Kedibone Lamula
- Moore Malatji

Multi-authors Specialists team

CSIR: Built Environment

- Mawande Ngidi
- Elsona Van Huyssteen

Consultation and experts' inputs

Conservation Working Group

Industry Working Group

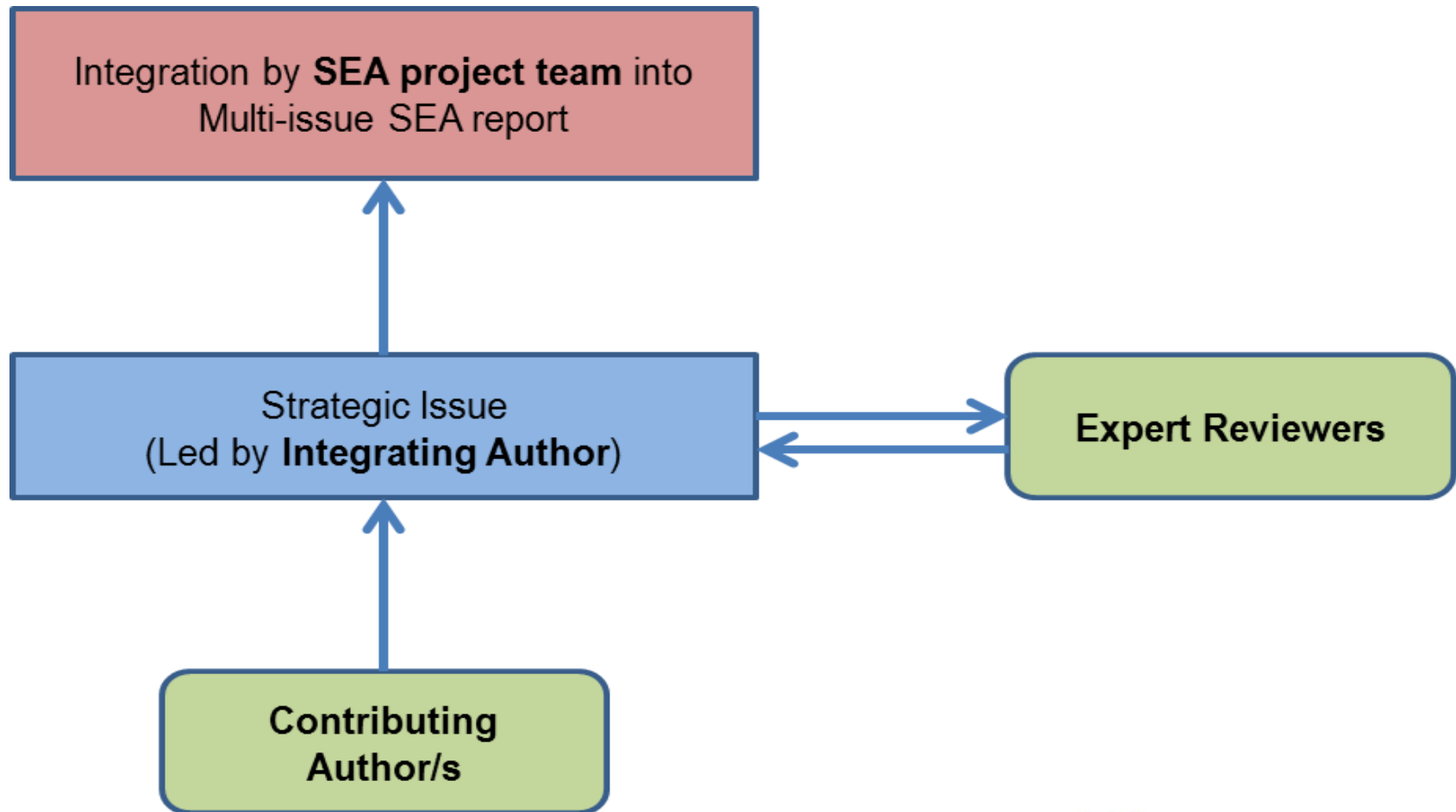
Other key stakeholders eg. Mining, CAA, Defense, Heritage, etc.

ERG

PSC

Public

# Multi-authors specialists team



# Strategic Issues for consideration

## ➤ Bats

## ➤ Birds

## ➤ Ecology & conservation

- Terrestrial fauna & flora
- Freshwater

## ➤ Socioeconomic

## ➤ Heritage and Visual

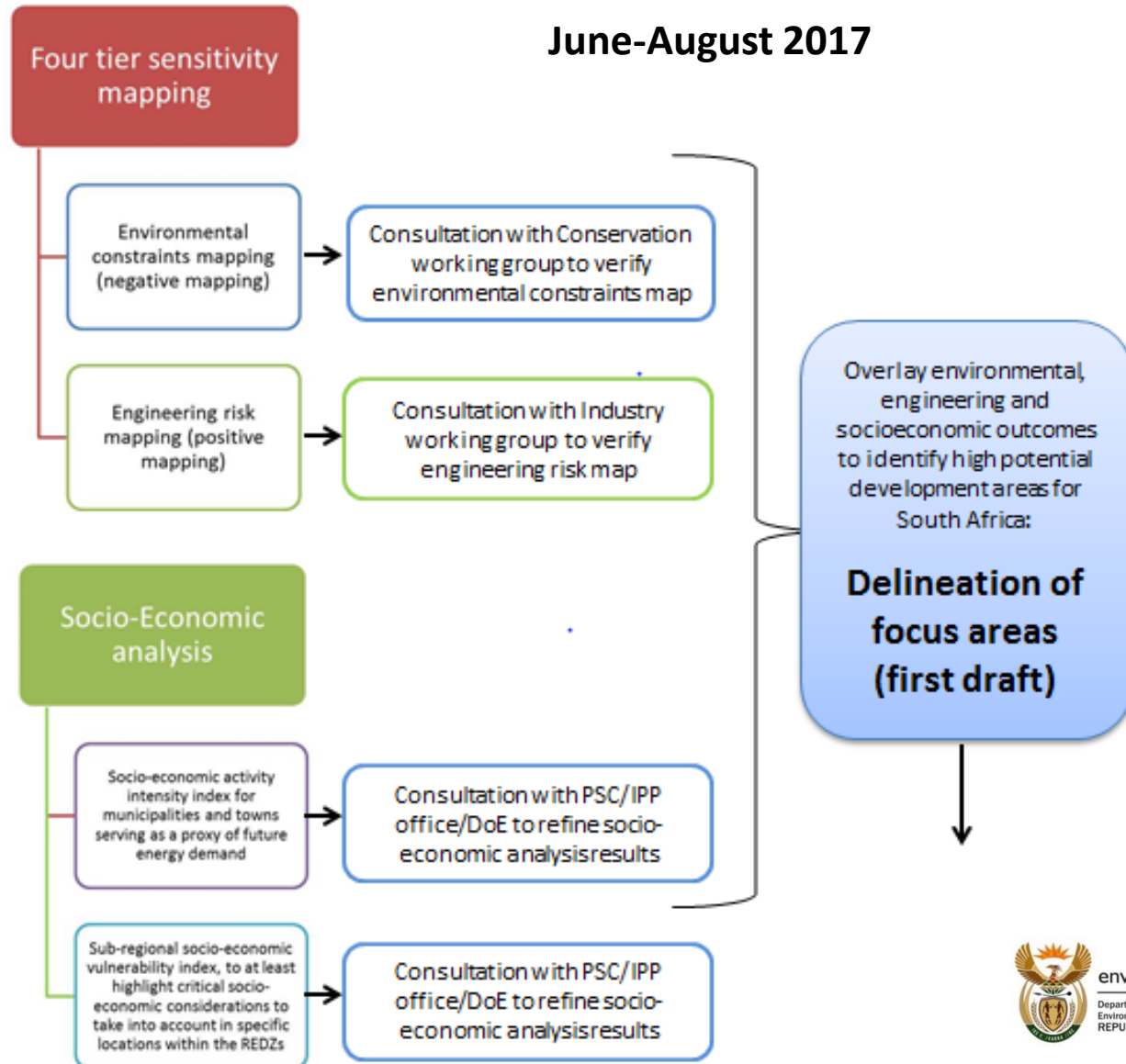
- Palaeontology
- Archaeology
- Landscape and Flicker

## ➤ Land Use & Built Environment

- Agriculture
- Mining
- SKA
- CAA
- Radar
- Noise



# Timeline and methodology: delineation of first draft focus areas



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# Timeline and methodology: delineation of second draft focus areas and multi-authors studies

15 August –  
15 September (TBC)

30 days review and comments period on the delineated focus areas (first draft), including:

- Industry working group meeting/workshop
- Conservation working group meeting/workshop
  - ERG/PSC meeting
- Online comment portal for the public
- Newspaper advert to announce the review and comments period
- Additional meetings with provincial NGOs not part of the conservation working group
- Meetings with key mining houses/companies

September 2017 (TBC)

Refinement of focus areas (second draft) based on inputs and comments from the 30 days review and comments period

Preparation of a comments and response trail report to capture all inputs received on the focus areas (first draft)

Upload comments and response trail report to project website to share information with all interested and affected parties

October 2017 –  
February 2018 (TBC)

Specialists assessments on the updated focus areas (second draft): verification of four tier sensitivity maps and on cumulative assessment required for the REDZs / for birds: post construction monitoring guidelines / other fields: methodology for the fieldwork and site assessment



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# Timeline and methodology: delineation of third draft focus areas and consultation on REDZs

**March 2018 (TBC)**

**April-May 2018 (TBC)**

**June 2018 (TBC)**

Refinement of updated focus areas (third draft) based on specialists assessments and inputs from the industry

Preparation of a technical progress report to capture all inputs received on the focus areas (second draft) from the specialists and the industry and detailing the methodology for refining the focus areas (third draft)

Upload technical progress report to project website to share information with all interested and affected parties

30 days review and comments period on the delineated REDZs and draft protocols, including:

- ERG/PSC meeting
- Online comment portal for the public
- Newspaper advert to announce the review and comments period

Final REDZs delineated

Preparation of a comments and response trail report to capture all inputs received on the REDZs and protocols

Upload comments and response trail report to project website to share information with all interested and affected parties

Submission of the final REDZs to DEA

Submission of GIS data for the REDZs to upload to the screening tool





# Consultation

- Quarterly working group meetings with industry and conservation organisations
- Quarterly meetings with ERG and PSC members
- Sector specific meetings with key stakeholders
- Two 30 days review & comments period for the public and all stakeholders
- Online project website continuously updated and accessible during the duration of the SEA

# Technical Considerations

**See separate presentation pdf attached**

**Presentation by Abulele Adams (CSIR)  
aadams1@csir.co.za**

**Mapping team: Lydia Cape, Abulele Adams, and Fahiema Daniels  
with inputs from the Energy Centre of the CSIR**

# Environmental Considerations

**See separate presentation pdf attached**

**Presentation by Kedibone Lamula (SANBI)  
K.Lamula@sanbi.org.za**

**Mapping team: Fahiema Daniels, Kedibone Lamula, Moore  
Malatji, Tsamaelo Malebu, Lydia Cape, and Abulele Adams**

# Socio economic Considerations

**See separate presentation pdf attached**

**Presentation by: Mawande Ngidi (CSIR)  
Mngidi@csir.co.za**

**Project Team: Mawande Ngidi, Elsona van Huyssteen,  
Gerbrand Mans, Dave McKelly, and Sibuh Makhanya**

# Way Forward

- ERG and PSC members are invited to provide inputs on :
  - Additional strategic issues for consideration;
  - References for the multi-authors specialists team;
  - Criteria/data to be used for the Technical Considerations;
  - Criteria/data to be used for the Environmental Considerations;
  - Criteria/data to be used for the Socio economic Considerations;  
and
  - SEA process methodology and consultation.

**Please send your inputs to the SEA project manager:  
Abulele Adams, Tel: (021) 888 2408, Fax: (021) 888 2473  
Email: [aadams1@csir.co.za](mailto:aadams1@csir.co.za)**

# Thank you for your participation to this second ERG/PSC meeting on 25<sup>th</sup> July 2017

Please send your inputs to the SEA project manager:

**Abulele Adams**

**Tel: (021) 888 2408**

**Fax: (021) 888 2473**

**Email: [aadams1@csir.co.za](mailto:aadams1@csir.co.za)**

**Project website: <http://redzs.csir.co.za>**

**Project email: [redzs@csir.co.za](mailto:redzs@csir.co.za)**



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