



Project Strategic Resourcing Report

1. Project Details

Project Name	Provincial Public-sector Strategic Offset Bank
Location	Across the Western Cape
Sector	Ecological
Department	Department of Environmental Affairs and Development Planning
Project Owner	Herman Jonker
Project Manager	Herman Jonker

1.1 Background & Justification

Background

- Current biodiversity offset practices in South Africa are **fragmented and reactive**, often resulting in:
 - Small, scattered conservation areas.
 - High management costs.
 - Limited ecological impact.
- Public infrastructure projects face **delays and increased costs** due to ad-hoc offsetting requirements.
- The Western Cape is part of the **Cape Floristic Region**, a globally significant biodiversity hotspot, making proactive conservation critical.
- National and provincial policies (e.g., **National Environmental Management Act, National Biodiversity Offset Guideline 2023**) encourage innovative offsetting mechanisms.

Justification

- **Regulatory Compliance:** Biodiversity offsets are a legal requirement under **NEMA** and **EIA Regulations** for developments impacting ecosystems.
- **Cost Efficiency:** Consolidating offsets into **large, strategically located sites** reduces per-hectare costs and improves conservation outcomes.
- **Risk Reduction:** A centralized offset bank **de-risks public development projects** by providing predictable, streamlined options for meeting offset obligations.
- **Sustainability:** Supports **nature-positive approaches**, climate resilience, and long-term ecosystem services (water purification, carbon sequestration).
- **Economic and Social Benefits:** Creates jobs, boosts rural economies, and enhances compliance with international biodiversity commitments.
- **Alignment with Policy:** Advances objectives in the **White Paper on Conservation and Sustainable Use of Biodiversity** and provincial strategies.

1.2 Project Scope

The project involves establishing a **Provincial Biodiversity Offset Bank** to proactively conserve ecosystems impacted by planned public-sector developments. The scope includes:

Offset Bank Establishment

- Identify and secure suitable land (underutilized government land or private land) for biodiversity offset banking.
- Consolidate offset requirements into **large, strategically located conservation areas**.

Regulatory Compliance

- Align with **National Environmental Management Act (NEMA)** and **EIA Regulations**.
- Implement the **National Biodiversity Offset Guideline (2023)** and provincial guidelines.

Infrastructure Integration

- Link offset banking to the **public development pipeline** to streamline environmental compliance and reduce delays.

Conservation Management

- Develop and implement long-term management plans (minimum 30 years).
- Appoint qualified entities (e.g., CapeNature, SANParks) for ongoing conservation and monitoring.

Stakeholder Engagement

- Collaborate with provincial departments, municipalities, private landowners, and local communities.
- Ensure **gender-responsive procurement** and community participation.

Economic & Social Impact

- Create jobs and support rural economies through conservation-related activities.
- Enhance ecosystem services (water purification, carbon sequestration, climate resilience).

Technology & Monitoring

- Use digital tools for performance monitoring and resilience planning.
- Implement periodic audits to ensure compliance and effectiveness.

Funding & Financial Strategy

- Secure funding from provincial departments and explore blended finance models.
- Develop revenue mechanisms through offset credit sales to government entities.

2. Objectives & Key Focus Areas

Objective	Key Focus Area
Streamline Biodiversity Offsetting by simplifying and standardize the offsetting process for public infrastructure projects to reduce costs and delays.	• Prioritising Infrastructure for Maximum Impact
Proactive Conservation by conserving ecologically significant ecosystems before development impacts occur, rather than reacting after the fact	• Innovation & Futures Planning
Improve Conservation Outcomes by consolidating small, scattered offsets into larger, strategically located conservation sites that are easier and cheaper to manage and provide greater biodiversity protection.	• Strengthening Municipal Infrastructure
Support Legal Compliance by ensuring public development projects meet NEMA and EIA regulatory requirements for biodiversity offsets.	• Prioritising Infrastructure for Maximum Impact
Enable Sustainable Development through balanced infrastructure growth with ecological sustainability and climate resilience.	• Innovation & Futures Planning • Addressing Climate Change & Sustainability

3. Project Timeline & Cost

Estimated Duration	2 Year(s) & 24 Month(s)
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Estimated Start Date	01 Jun 2026
Estimated Cost	R 0

4. Project Stage-0 Submission & Approval

Self Approved By: **Herman Jonker**

Self Approved On: **07 Jan 2026 09:00:11 AM**

Submitted By	
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5. Environmental & Social Considerations

5.1 Environmental Considerations

- Biodiversity Protection - Conserves ecologically significant ecosystems in the Cape Floristic Region, a global biodiversity hotspot.
- Biodiversity Protection - Implements strategic biodiversity offsets to minimize habitat loss and fragmentation.
- Regulatory Compliance - Aligns with NEMA, EIA Regulations, and the National Biodiversity Offset Guideline (2023).
- Regulatory Compliance - Ensures offsets deliver measurable environmental improvements over a pre-intervention baseline.
- Climate Resilience - Supports carbon sequestration, water purification, and flood mitigation.
- Climate Resilience - Enhances resilience against climate change impacts through ecosystem conservation.
- Sustainability - Long-term conservation management (minimum 30 years).
- Sustainability - Promotes nature-positive approaches and avoids duplication with existing state-funded programs.

5.2 Social Considerations

- Community Participation - Engages local communities in stewardship agreements and conservation activities.
- Community Participation - Builds partnerships with municipalities, private landowners, and NGOs.
- Job Creation - Creates employment for ecologists, land managers, restoration workers, and monitoring staff.
- Job Creation - Stimulates local economies through conservation-related services and eco-tourism.
- Gender-Responsive Procurement - Ensures procurement processes prioritize women's participation and empowerment.
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- Social Benefits - Improves local recreation opportunities and ecosystem services.
- Social Benefits - Strengthens rural economies and supports sustainable livelihoods.
- Equity and Inclusion - Encourages fair benefit-sharing and avoids negative impacts on vulnerable communities.

6. Regulatory & Environmental Approvals

6.1 National Level

- Department of Forestry, Fisheries and the Environment (DFFE): Responsible for environmental management, conservation, and protection in South Africa

- Environmental Impact Assessment (EIA) Regulations (2014, as amended)
- National Biodiversity Offset Guideline (2023)
- White Paper on Conservation and Sustainable Use of South Africa's Biodiversity (DFFE, 2023)
- Offset Compliance - Strategic offset bank must meet criteria for permanence (ideally in perpetuity, minimum 30 years).
- Land Use Approvals - If private land is purchased or stewardship agreements are signed, approvals for land use change may be required.
- Monitoring and Reporting - Periodic audits to ensure offsets deliver intended conservation outcomes.
- SANParks - May act as a management authority for conservation sites, especially if they fall within or near national parks.
- National Environmental Management Act (NEMA): Governs environmental management and authorization processes, including Environmental Authorizations (EAs)

6.2 Provincial and Local Levels

- Provincial Environmental Departments: Implement and enforce environmental regulations within provinces
- Western Cape Department of Environmental Affairs and Development Planning (DEA&DP)
- CapeNature
- Municipal Land Use Approvals
- Municipal Environmental Management
- Community Engagement - Mandatory consultation with local communities for stewardship agreements and social impact considerations.
- Local Economic Development (LED) Integration
- Western Cape Department of Health and Wellness & Education
- Biosphere Reserves and Provincial Conservation Agencies
- Municipal Planning Departments - Handle rezoning, land-use approvals, and integration into municipal Spatial Development Frameworks (SDFs).
- Local Communities and Traditional Authorities - Essential for stewardship agreements and social impact compliance.
- Department of Infrastructure (DOI)
- Provincial Treasury, Western Cape

6.3 Other Relevant Entities

- Non-Profit Organizations (NPOs) - Support conservation management and community engagement.
- Development Finance Institutions - Provide blended finance models and funding for nature-positive projects.
- Private Landowners - Participate through stewardship agreements or land sales for offset banking.

7. Identify Key Stakeholders

7.1 Government

- Department of Health Wellness
- Department of Education
- Department Of Infrastructure
- Provincial Treasury
- Department of Environmental Affairs and Development Planning
- CapeNature
- Department of Forestry, Fisheries and the Environment (DFFE)
- Department of Public Works and Infrastructure (DPWI)
- Municipalities

7.2 State-Owned Entities

- **Transnet**
If offset sites intersect with port or rail infrastructure development, Transnet may be involved in compliance and land-use coordination.
- **Eskom**
Relevant if offsets are linked to energy infrastructure projects or land under Eskom's custodianship.
- **Water Boards (e.g., Overberg Water, Breede-Gouritz Catchment Management Agency)**
Stakeholders for offsets related to water infrastructure projects and catchment conservation.
- **Development Finance Institutions (DFIs) – e.g., IDC (Industrial Development Corporation)**
May provide funding or blended finance for nature-positive infrastructure projects.
- **SANParks (South African National Parks)**
Potential management authority for conservation sites within or near national parks. Provides technical expertise on biodiversity conservation.
- **CapeNature**
Provincial conservation agency (technically a public entity) that may manage offset sites. Implements biodiversity conservation and monitoring programs.

7.3 Private Sector

- **Private Landowners**
Provide land for offset banking through stewardship agreements or direct sale. Critical for expanding conservation areas beyond government-owned land.
- **Environmental Consulting Firms**
Conduct feasibility studies, biodiversity assessments, and monitoring. Support compliance with NEMA and EIA regulations.
- **Conservation NGOs and Foundations**
Partner in funding, technical expertise, and community engagement. Examples: WWF-SA, Endangered Wildlife Trust.
- **Eco-Tourism Operators**
Benefit from and invest in conservation areas for tourism activities. Create revenue streams linked to biodiversity protection.
- **Renewable Energy Companies**
May participate in blended finance models for nature-positive infrastructure projects. Align with sustainability and carbon offset goals.
- **Development Finance Institutions (Private)**
Impact investors and green finance entities interested in biodiversity credits and ESG compliance.
- **Agribusiness and Forestry Companies**
Engage in stewardship agreements or biodiversity offset partnerships to meet sustainability targets.

7.4 Civil Society

- **Community-Based Organizations (CBOs)**
Facilitate local engagement, awareness campaigns, and capacity building. Act as intermediaries between government and residents.
- **Non-Governmental Organizations (NGOs)**
Provide technical expertise, advocacy, and funding support. Examples: WWF-SA, Endangered Wildlife Trust, Conservation South Africa.
- **Academic and Research Institutions**
Conduct biodiversity studies, monitoring, and impact assessments. Support innovation in conservation and climate resilience strategies.
- **Environmental Advocacy Groups**
Monitor compliance, promote transparency, and ensure accountability in offset implementation.
- **Traditional Authorities**
Engage in land stewardship agreements and cultural heritage considerations.
- **Local Communities**
Participate in stewardship agreements and conservation activities. Benefit from job creation, eco-tourism opportunities, and improved ecosystem services.

7.5 Other Stakeholders

- **International Organizations**
Entities like the Convention on Biological Diversity (CBD) and UNDP may influence compliance and funding opportunities. Development partners promoting nature-positive finance and climate resilience.

- **Financial Institutions**
Commercial banks and green finance investors interested in biodiversity credits and ESG-linked investments.
- **Professional Associations**
Environmental law associations, conservation forums, and planning councils that provide technical standards and advocacy.
- **Media and Public Awareness Platforms**
Essential for transparency, public engagement, and promoting the benefits of biodiversity offset banking.
- **Technology Providers**
Companies offering GIS mapping, remote sensing, and biodiversity monitoring tools for compliance and reporting.

8. WCG Sector Priorities

Outcomes	Social	Energy & Water	Economic	Technology	Ecological
Infrastructure investment drives spatial transformation and improves spatial resilience	Long Term 15-30 YRS		Long Term 15-30 YRS		Long Term 15-30 YRS
Mobility systems and transportation corridors provide safe and efficient connectivity to opportunities, services, and facilities	Long Term 15-30 YRS				

9. Infrastructure Type

9.1 Hard

This project focuses on **natural systems and conservation assets** that provide essential ecosystem services such as:

- Water purification
- Carbon sequestration
- Flood mitigation
- Climate resilience

The project creates a structured mechanism (offset bank) to **integrate biodiversity conservation into infrastructure planning**, making it a critical component of sustainable development.

9.2 Soft

9.3 Critical

10. Project Stage-1 Submission & Approval

Self Approved By: **Herman Jonker**

Self Approved On: **07 Jan 2026 09:47:55 AM**

Submitted By	
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11. Geo Location

12. Procurement Planning

- **Partnership-Based Procurement**
Includes Public-Private Partnerships (PPPs) for stewardship agreements with private landowners. Engages NGOs and conservation agencies (e.g., CapeNature, SANParks) as management partners.

13. Procurement Action

- **Standard public-sector mechanisms apply**

14. Social Impact

- **Job Creation**
Employment opportunities for ecologists, land managers, restoration workers, and monitoring staff. Indirect jobs through eco-tourism, local supply chains, and conservation-related services.
- **Community Empowerment**
Involvement of local communities in stewardship agreements and conservation activities. Capacity building through training in biodiversity management and sustainable practices.
- **Gender Inclusion**
Gender-responsive procurement ensures women’s participation in project roles and supplier opportunities.
- **Improved Livelihoods**
Increased household income from conservation-related employment. Opportunities for small businesses linked to eco-tourism and restoration services.
- **Social Equity**
Fair benefit-sharing mechanisms for communities near offset sites. Engagement with vulnerable groups to avoid exclusion.
- **Enhanced Quality of Life**
Access to improved ecosystem services (clean water, flood protection, climate resilience). Recreational benefits from protected areas (hiking, birdwatching, cultural activities).

15. Property Availability

Has the land for the site been identified?	No
Remarks	This project is not linked to a specific site

16. Project Stage-2 Submission & Approval

Self Approved By: **Herman Jonker**
Self Approved On: **07 Jan 2026 10:00:56 AM**

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