Annexure E

ENVIRONMENTAL AFFAIRS

ENVIRONMENTAL POLICY PLANNING AND COORDINATION

Indicator title	Number of intergovernmental sector tools reviewed.
Short definition	Review of sector provincial and municipal tools to facilitate integration of environmental content into tools (e.g. Integrated Environmental Management Plans, Environmental Management Plans, Integrated Waste Management Plan, Air Quality Management Plans and Environment and Culture Sector Development Plan for EPWP)
Purpose/importance	To facilitate environmental cooperative governance and promote sustainable development across all spheres of government. and promote sustainable development
Source/collection of data	EA Branch; Municipalities
Method of calculation& Evidence type	Simple count Evidence = Approved IEMP/EMP from FS Municipalities Approved IWMP from FS Municipalities Approved AQMP from DESTEA or FS Municipalities Approved E&C Sector Development Plan (Provincial) from DESTEA Approved E&C Sector Development Plan (Internal to DESTEA) from DESTEA
Data limitations	The completion of the review process depends on external processes and the reliability of data depends on the reliability of the information within the tools subjected for review; and the accuracy of the analysis done and records kept.
Type of indicator	Output (Approved report or documentation)
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No
Desired performance	High
Indicator responsibility	M. Walaza, Collaborative with Free State Municipalities

Indicator title	Number of legislative tools developed.
Short definition	Shows the number of environmental legislated tools; including regulations, norms and standards, guidelines and environmental management plans developed to inform environmental decision making. Examples of such tools include EMF,SOER/Outlook, SEA, EIP, AQMP, IWMP, Biodiversity Plans, etc.

Purpose/importance	To guide and inform environmental decision making at policy, programme and project level. To also ensure that all stakeholders adhere to all relevant environmental law and legislation.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Demand driven. Approved EIP from DESTEA Approved IWMP from municipalities Approved IDP from FS Municipalities Approved AQMP from FS Municipalities Approved EMF from Municipality
Data limitations	Stakeholders not corporative in terms of proving required data for review process Stakeholders not providing sufficient data Stakeholders not providing data on time
Type of indicator	Output (Approved report or documentation)
Calculation type	Simple count
Reporting cycle	No Target
New indicator	No
Desired performance	High Performance 100%
Indicator responsibility	M. Walaza Collaborative with COGTA, Premier's Office, Free State Municipalities

Indicator title	Number of environmental research projects completed.
Short definition	The collective number of different types of research projects completed during the reporting period. This includes reviews, scientific research projects, monitoring projects and collaborative projects.
Purpose/importance	To support environmental decision making, planning and policy development through credible data and evidence generated through research programmes.
Source/collection of data	EA Branch
Method of calculation& Evidence type	A research project is counted when a project has been finalized and approved by the delegated authority. A project is counted only once when finalised irrespective of the number of surveys done or reports compiled on the project during the reporting period. Evidence = Approved research concept documents; approved research reports; publications; specialist comments
Data limitations	Inaccessibility and unavailability of data.
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No

Desired performance	Satisfactory
Indicator responsibility	**Coenie Erasmus**

Indicator title	Number of functional environmental information management systems (EIMS)
Short definition	It shows the number of relevant environmental knowledge and information management systems (e.g. ePermit, GIS, Air Quality, WIS, Biodiversity Sector Plans (GIS based tool), Environmental Authorizations Information Management Tools e.g. NEAS, State of the Environment Web Portals, NECER etc.) that are effectively maintained and reported on.
Purpose/importance	Ensure the maintenance of environmental knowledge and information management systems/tools which provide critical and reliable information used to inform management decisions on policy development and interventions.
Source/collection of data	GIS from DESTEA WIS from DESTEA
Method of calculation& Evidence type	Simple count: Count every environmental information management system that is maintained. Evidence = GIS maintained by Environmental Quality and Protection Chief Directorate evidence GIS maintained by Biodiversity Chief Directorate evidence WIS maintained by Environmental Quality and Protection Chief Directorate evidence
Data limitations	Inaccurate data sources and data availability and regularity of updates.
Type of indicator	Outcome (Actual demonstration by DESTEA official and/or purchase documentation from SCM).
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No
Desired performance	High Performance 100%
Indicator responsibility	Monde Walaza.

Indicator title	Number of IDPs reviewed for environmental content as per requirements (DA/3.5).
Short definition	Review of the 23 intergovernmental sector tools (Integrated Development Plans) by checking if environmental indicator/s tool/s are included.
Purpose/importance	To promote sound, coordinated and aligned planning and best environmental practices within Municipalities in order to ensure environmental sustainability and adhering to NEMA.

Source/collection of data	Free State Municipalities; EA Branch, COGTA
Method of calculation& Evidence type	Simple count Evidence= Reviewed Free State Municipalities IDP Reports and/or Documents; attendance register of IDP assessment and review workshop; COGTA review report.
Data limitation	Depend on the municipality providing IDP's to be reviewed.
Type of indicator	Output (IDP Reports and/or Documents and Attendance register)
Calculation type	Simple count.
Reporting cycle	Annually
New indicator	No.
Desired performance	Satisfactory.
Indicator responsibility	Monde Walaza.

Indicator title	Submission of annual EIP reports.
Short definition	To promote NEMA Chapter 3 in developing systems for environmental coordination and reporting.
Purpose/importance	To ensure corporative governance and ensure environmental plans and policies are in harmony with the municipal organ state.
Source/collection of data	EA Branch and Free State Municipalities.
Method of calculation& Evidence type	Simple count Evidence= Gazetted reports; or proof of submission to DEA (either email or physical mail slip).
Type of indicator	Output.
Calculation type	Simple count.
Reporting cycle	Annually (EIP Gazetted and report done on 5 yearly however on annual basis a progress report with regards to environmental sector coordination is submitted to DEA. Working Group 3)
New indicator	No.
Desired performance	Satisfactory.
Indicator responsibility	Monde Walaza.

Indicator title	Number of climate change sector policy interventions held.
Short definition	This refers to interventions implemented to respond to challenges and potential impacts of climate change. These include provincial climate change programmes, green-house gas mitigation responses, vulnerability and adaptation responses.
Purpose/importance	To mitigate against climate change and adapt to the impact of climate change in order to build climate change resilience, in line with the FS Province Climate Change Strategy.
Source/collection of data	EA Branch, Industry and Environment consultants

Method of calculation& Evidence type	Simple count
	Evidence = Project and Program Plans, outcome reports (initiator; verifier: approver); programmes; minutes of interventions; presentation materials.
Data limitations	Accuracy of information captured depends on reliability and availability of resources for implementation.
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	Yes
Desired performance	High
Indicator responsibility	Mr. Monde Walaza

Indicator title	Number of climate change alignment policies developed.
Short definition	The process of complying with legislative and policy requirements to adapt and mitigate negative climate change conditions that do not promote environmental sustainability and sustainable development.
Purpose/importance	Alignment of sector policies to climate change policy/strategies/plans/tools.
Source/collection of data	DESTEA Environmental Policy, Planning and Coordination Section, DEA
Method of calculation& Evidence type	Simple count
	Evidence = Approved aligned sector policies (with any related Climate Change Policies/Tools/Plans/Strategy.)
Data limitations	Delayed specialist reports due to unavailability of research within Free State Province with regards to climate change resulting in tasks not achieved timeously.
	Unavailability of specialists with regards to Climate Change matters particularly modelling.
Type of indicator	Output. (Documents and/or reports)
Calculation type	Non-cumulative. Simple Count.
Reporting cycle	Annual.
New indicator	Yes.
Desired performance	Satisfactory.
Indicator responsibility	Mr Monde Walaza.

Indicator title	Number of road shows conducted at municipal level relating to climate change.
Short definition	This refers to the number of climate change roadshows in different municipal areas including the metro within the Free State Province.
Purpose/importance	EA Branch (Environmental Education/ Awareness, Climate Change
Source/collection of data	Simple count

	Evidence = Roadshow invites, programmes, attendance registers, presentation materials, outcome report (initiator, verifier, approver).
Method of calculation& Evidence type	Simple count. Evidence = Attendance Registers, Report and/or Documents.
Data limitations	Low turn-up of Stakeholders participation resulting in workshops being cancelled and postponed.
Type of indicator	Output
Calculation type	Simple count.
Reporting cycle	Quarterly.
New indicator	Yes.
Desired performance	Higher performance is desired.
Indicator responsibility	Mr Monde Walaza.

COMPLIANCE AND ENFORCEMENT

Indicator title	Number of completed green issue criminal investigations handed to the NPA for prosecution.
Short definition	The number of criminal enforcement actions completed for prosecution (finalised investigations in the form of J534s and criminal dockets handed to the NPA) in response to non-compliances with pollution, waste, air quality, impact assessment, protected areas, biodiversity and regulatory requirements including environmental authorizations, etc.
Purpose/importance	This indicator shows the number of criminal investigations completed by the Environmental Management Inspectorate and criminal dockets handed over for prosecution to the NPA. This is a reflection of the productivity of the Inspectorate in applying criminal sanctions to offenders in the green subsector. Enforcement activity required to punish offenders, apply the polluter-pays principle and deter would-be offenders.
Source/collection of data	DEA, EA Branch, Industry and Law Enforcement Agencies
Method of calculation& Evidence type	Simple count Evidence = Approved investigation reports (initiator, verifier, approver); evidence of submission to NPA; dockets; notices.
Data limitations	Expensive litigation process and illegal syndicates operations
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	High performance
Indicator responsibility	Coenie Erasmus

Indicator title	Number of completed brown issue criminal investigations handed to the NPA for prosecution.
Short definition	The number of criminal enforcement actions handed in for prosecution (finalised investigations in the form of J534s and criminal dockets handed to the NPA) in response to non-compliances with pollution, waste, air quality, impact assessment, protected areas, and regulatory requirements including environmental authorizations, etc. (These are non-biodiversity related and are not of fauna and flora nature).
Purpose/importance	This indicator shows the number of criminal investigations completed by the Environmental Management Inspectorate and criminal dockets handed over for prosecution to the NPA. This is a reflection of the productivity of the Inspectorate in applying criminal sanctions to offenders in the brown subsector. Enforcement activity required to punish offenders, apply the polluter-pays principle and deter would-be offenders.
Source/collection of data	DEA, EA Branch, Industry and Law Enforcement Agencies, DESTEA
Method of calculation& Evidence type	Simple count Evidence = Approved investigation reports (initiator, verifier, approver); evidence of submission to NPA; dockets; notices.
Data limitations	Expensive litigation process and syndicates operations
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Ms. Nozi Nkoe

Indicator title	Number of administrative enforcement actions taken for non-compliance with environmental legislation.
Short definition	The number of administrative enforcement actions issued (including administrative notices issued, pre-Directives, Directives, pre-Compliance notices and Compliance notices) in response to non-compliances with pollution, waste, air quality, impact assessment, protected areas, biodiversity and integrated coastal management legislative and regulatory requirements including environmental authorizations, etc. Note: A single case of non-compliance can have multiple enforcement notices issued against it.
Purpose/importance	To indicate the comprehensiveness of the monitoring of compliance with environmental legislation in the blue, green and brown sub-sectors and the issuing of administrative notices to bring offenders back into compliance where non-compliance/environmental harm is detected. Enforcement activity

	required to bring offenders into compliance, rehabilitate damage to the environment, apply the polluter-pays principle and deter would-be offenders.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count. Evidence = Enforcement register; notices; outcome report (initiator, verifier, approver)
Data limitations	Lack of a national compliance and enforcement information system to capture the statistics in a live and consolidated manner. Inaccurate data capturing.
Type of indicator	Output.
Calculation type	Simple count.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Satisfactory
Indicator responsibility	Ms N. Nkoe

Indicator title	Number of compliance inspections conducted for green issues.
Short definition	Number of inspections conducted to assess compliance with authorisations/permits issued in terms NEMA for pollution, waste, air quality, impact assessment, protected areas and biodiversity. This includes inspections arising from complaints and reports of non-compliance.
Purpose/importance	To monitor and enforce environmental transgressions, thus promote compliance and minimise actions that negate biodiversity protection and trade in protected and regulated species
Source/collection of data	DEA, EA Branch, Industry and Law Enforcement Agencies
Method of calculation& Evidence type	Simple count Evidence = Inspections register; inspection reports and incidence photos; outcome report (initiator, verifier, approver)
Data limitations	Entrance to private land and unsafe flora and fauna protection environments e.g. poor and unsafe lion and tiger cages
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	High performance
Indicator responsibility	Mr. Coenie Erasmus

Indicator title	Number of compliance inspections conducted for brown issues.
Short definition	Number of inspections conducted to assess compliance with authorisations/permits issued in terms NEMA for pollution, waste,

	air quality, impact assessment and protected areas. (Not of biodiversity nature, but has a negative impact on the environment including human life, plants and animals). This includes inspections arising from complaints and reports of non-compliance.
Purpose/importance	To promote and comply with NEMA and its Regulations in the attainment of a safe and healthy environment e.g. controlling chemical spillages etc.
Source/collection of data	Industry, EA Branch, DEA and Sector departments including the public
Method of calculation& Evidence type	Simple count Evidence = Inspections register; inspection reports and incidence photos; outcome report (initiator, verifier, approver)
Data limitations	Late reporting of incidents and industry non compliance
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Ms. N. M. Nkoe

Indicator title	Number of permits issued within legislative time-frame.
Short definition	Measure the turnaround time and level of adherence to prescribed timeframes for processing applications for various environmental management licences/permits/authorisation BABS etc. and according to NEMA and other legislative requirements (Refer to pages 4-5 of 2017-2020 SP)
Purpose/importance	To ensure that legislative natural resource permits are issued within the stipulated time frames. To see to it that no animals or plants are damaged or destroyed, The following environmental legislations: FS Nature conservation Ordinance 1969, Biodiversity Act 2004 require that permits be applied for. This is a service standard performance indicator /measure which is aimed of making sure that all received applications for environmental permits are processed and finalised (decision to issue or decline permit) is make within the prescribed/legislated timeframe and so that the expectations of applicants (key stakeholders) are always met. Applicants expect their applications to be processed and a decision to be made within the prescribed period. Defining and meeting service standards for key services rendered is in line with public service ethos/principles of Batho-Pele.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = permits issued; register of permits issued.
Data limitations	Provincial permits management systems.
Type of indicator	Output

Calculation type	Simple count.
Reporting cycle	Quarterly
New indicator	No.
Desired performance	Higher – to have permits issued within the stipulated timeframes.
Indicator responsibility	Mr. Coenie Erasmus

Indicator title	Number of Admission of Guilt Fines issued for Biodiversity related transgressions.
Short definition	The issuing of Admission of Guilt Fines for biodiversity transgressions in terms of NEMA.
Purpose/importance	Administrative compliance and issuing of guilt fines to enforce biodiversity compliance and improve environmental sustainability To promote NEMA compliance and its Regulations on flora and fauna
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Outcome reports (initiator, verifier, approver), including amount details etc.; register of fines issued.
Data limitations	Prolonged investigations and lack of informed knowledge on flora and fauna resource utilisation and trade
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Mr. Coenie Erasmus

ENVIRONMENTAL QUALITY MANAGEMENT

Indicator title	Number of facilities trained on the Waste Information System.
Short definition	Officials responsible for waste management at municipalities are trained on how the system works and how to capture waste data and report.
Purpose/importance	To be able to know the amount of waste that is being produced in the Province and to comply with NEMA and other legislative requirements (Refer to pages 4-5 of 2017-2020 SP).
Source/collection of data	EA Branch; Municipalities.
Method of calculation& Evidence type	Simple count Evidence = Register of training sessions; invitations, programmes, attendance registers; presentation materials.

Data limitations	Most municipalities do not have weigh bridges or a person who can capture data as the waste enters the facility.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	New.
Desired performance	Higher performance is desired.
Indicator responsibility	N.M.Nkoe

Indicator title	Percentage of waste licenses applications finalised within legislated time-frames.
Short definition	Indicates the percentage of waste licence applications where final decisions were made to either issue the authorisation or refuse authorisation or withdraw the application or close the lapsed application in the reporting period within legislated timeframe. (Refer to pages 4-5 of 2017-2020 SP for relevant legislation).
Purpose/importance	This indicator shows the efficiency and effectiveness of the consideration of waste licence applications. It also indicates the level of capacity made available by the department in pursuit of sustainable environmental management in the province. Numerator is all applications completed with legislative timeframes. Denominator is all applications received in year, including outstanding from previous year.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Percentage of waste management licences issued, refused, varied or withdrawn in the reporting period within the legislated timeframe. This is expressed as a percentage of the total number of complete applications finalised within legislated timeframe divided by total number of applications finalised. 2015/16 Baseline = 80% Evidence = Register of waste license applications; EDMS report; NEAS report.
Data limitations	The reliability of the registers depends on the accuracy of the data captured. Numerator and denominator actual figures for 2017/18 can only be determined in year and not in advance due to its demand driven nature. Demand driven.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Acceptable
Indicator responsibility	Ms M.Sello

Indicator title	Number of waste pickers supported

Short definition	Officials responsible for waste management at municipalities are trained on how the system works and how to capture waste data and report as per NEMA and other legislative requirements (Refer to pages 4-5 of the 2017-2020 SP). Support will be in the form of training and/or the provisioning of equipment.
Purpose/importance	To be able to know the amount of waste that is being produced in the Province in order to improve waste management and related practises.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Register of waste pickers supported; formal equipment allocation letters; training registers, attendance registers.
Data limitations	Lack of data registers.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	New.
Desired performance	Higher performance.
Indicator responsibility	Ms M Sello

Indicator title	Number of Waste Management Officers Forum meetings held
Short definition	Process and policy implementation of the Waste Act per NEMA Regulations
Purpose/importance	To inform, update and discuss pertinent developments in waste management and compliance related to service delivery and environment protection
Source/collection of data	DEA, EA Branch, Industry, Municipalities
Method of calculation& Evidence type	Simple count Evidence = Register of forum meetings; invitations; attendance registers; presentation materials, outcome report (initiator, verifier, approver).
Data limitations	Poor attendance and non-environment management friendly organograms at municipal level
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	High performance
Indicator responsibility	Ms. N.M Nkoe

Indicator title	Percentage of complete EIA applications finalized within legislated time-frames.

Short definition	It shows the number of environmental authorisation applications where final decisions are made to either issue environmental authorisation or refuse authorisation in the reporting period within legislated timeframes.
Purpose/importance	This indicator shows the efficiency of the consideration of EIA applications. It also indicates the level of capacity made available by the department in pursuit of sustainable development in the province. Numerator is all applications completed with legislative timeframes in a year. Denominator is all applications received in year, including outstanding from previous year.
Source/collection of data	National Environmental Authorisation System (NEAS).
Method of calculation& Evidence type	An application refers to when the Competent Authority has received an application form and complete information. Percentage of every EIA application finalised (i.e. authorisation issued, refused, amended or withdrawn), in the reporting period, within the legislated timeframe set for processing of an EIA application. This is expressed as a percentage of the total number of applications finalised within legislated timeframe divided by total number of all finalised applications. 2015/16 Baseline =98% (38 applications) Evidence = Register of EIA applications received; NEAS report.
Data limitations	The reliability of the register depends on the accuracy of the data captured. The full functionality of the National Environmental Authorizations System (NEAS). Numerator and denominator actual figures for 2017/18 can only be determined in year and not in advance due to its demand driven nature. Demand driven.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No
Desired performance	Acceptable
Indicator responsibility	Ms G. Mkhosana

Indicator title	Number of Air Quality Officers Forum meetings held.
Short definition	Information update and sharing platforms for department, municipalities and DEA
Purpose/importance	To address key issues related to the Air Quality Act and its Regulations, especially District Municipalities' responsibilities; to ensure compliance and to improve air quality in the province.
Source/collection of data	DEA, DESTEA and Municipalities including Industry
Method of calculation& Evidence type	Simple count Evidence = Register of forum meetings; invitations; programmes; attendance registers; presentation materials; outcome report (initiator, verifier, approver)

Data limitations	Travel costs for municipalities and insufficient subject matter knowledge base at municipality level
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Quarterly
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Ms. N.M Nkoe

Indicator title	Number of S24G applications finalized
Short definition	The number of section 24G NEMA applications finalised, (after the payment of the administrative fine by the offending party).
Purpose/importance	Indicates the trend in the volume of S24G applications received (including the number of applications in respect of unlawfully commencing with EIA and waste listed activities) in respect of illegal activities.
Source/collection of data	Compliance and Enforcement Unit.
Method of calculation& Evidence type	Simple count Evidence = NEAS printouts; registers of applications.
Data limitations	Lack of a national compliance and enforcement information system to capture the statistics in a live and consolidated manner. NEAS not gathering the required information in a comprehensive manner. Demand driven.
Type of indicator	Output.
Calculation type	Non-cumulative (per quarter).
Reporting cycle	Quarterly.
New indicator	New.
Desired performance	Acceptable.
Indicator responsibility	Ms. G. Mkhosana

Indicator title	Number of waste landfill sites environmentally audited
Short definition	Site specific related landfill sites that should comply with NEMA under the Waste Management Act.
Purpose/importance	To identify, monitor and offer compliance advice in converting illegal landfills to legal landfills sites that are in compliance of WIMS. This is also to promote the Back To Basics service delivery programme led by COGTA.
Source/collection of data	EA Branch and Municipalities
Method of calculation& Evidence type	Simple count Evidence = Register of landfill sites; approved audit reports (initiator, verifier, approver); compliance notices; outcome/analysis report (initiator, verifier, approver).
Data limitations	Monetary support and ad hoc DEA Funding

Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No
Desired performance	Satisfactory
Indicator responsibility	Ms. N.M Nkoe

Indicator title	Number of cleaning campaigns conducted.
Short definition	Proactive promotion of Section 24 Of the Constitution with direct community involvement and political support.
Purpose/importance	To foster a supportive spirit and commitment to cleaning our living space and environment, in order to promote environmental improvement and sustainability.
Source/collection of data	EA Branch and Municipalities
Method of calculation& Evidence type	Simple count Evidence = Outcome reports and photos (initiator, verifier, approver); register of campaigns, including towns/communities cleaned.
Data limitations	Poor communal support and apathy
Type of indicator	Output
Calculation type	Simple count and direct participation
Reporting cycle	Annually
New indicator	Yes
Desired performance	Satisfactory
Indicator responsibility	Ms. Michelle Sello

BIODIVERSITY MANAGEMENT

Indicator title	Number of new black game farmers registered in the DESTEA Game Farming Programme
Short definition	Registration of new applicants wishing to enter the Black Game Farmer Programme, which also includes the evaluation of the farms in order to determine whether the farms and associated essential Infrastructure adhere to certain specific requirements such as grazing availability, fencing and water provision.
Purpose/importance	1. Transformation of the industry and economic development. 2. Black Game Rancher Policy mandated through annual submissions and is a clear budget speech injunction.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count, Evidence = Register/database of farmers registered in the programme; outcome report (initiator, verifier, approver)

Data limitations	Lack of data captured on database.
Type of indicator	Output.
Calculation type	Simple count
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher
Indicator responsibility	Mr P. Crouse.

Indicator title	Number of marketing sessions for resorts conducted.
Short definition	Undertake marketing of Resorts to increase visitation and revenue collection. • Participation at National and Provincial Tourism Exhibitions: egg. Indaba; Getaway Show; NTCE; etc. • Advertising through Media, e.g. Newspapers; Tourism and Outdoor Magazines. • During Hosting of Sporting Events on the Resorts, e.g. Bloemhof Bonanza; Joberg 2C Mountain Bike Cycling; 1500m Swimming Competitions; Complete Fly Fisherman Competition and Triathlon
Purpose/importance	1. Increase the number of visitors visiting the reserves and resorts thereby improving the exposure of the facilities on a national level which will result in an increase in revenue. 2. Guided and mandated by the PFMA and Treasury Regulations and is a clear annual MEC Budget speech injunction.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count. Evidence = Register of marketing sessions; brochures, adverts, event programmes; outcome report (initiator, verifier, approver).
Data limitations	None expected.
Type of indicator	Output.
Calculation type	Simple count.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher performance is desired.
Indicator responsibility	Mr T. Sibeko

Indicator title	Number of new stewardships sites established to increase land under conservation through the implementation of the Biodiversity Stewardship Programme (BSP)
Short definition	Increase the formal conservation estate through negotiation for one new stewardship site per annum.
Purpose/importance	Biodiversity Stewardship - (a) provides a cost effective mechanism for securing land for conservation in biodiversity priority areas without the often

	insurmountable limitations associated with the purchasing of land by the State;
	(b) ensures that private and communal areas with a high biodiversity value receive secure conservation status and are linked to a network of other conservation areas in the landscape.
	(c) contributes to the provincial and national targets in terms of protecting threatened ecosystems, expanding the provincial Protected Area network and maintaining the diversity and integrity of natural systems and landscapes; and
	(d) ensures that areas secured for conservation are effectively managed and monitored against set management criteria (management plans)
	2. Guided by the National Environmental Management: Protected Areas Act (Act 57 of 2003), The National Protected Area Expansion Strategy and the Free State Protected Area Expansion Strategy (2016)
	2.1 This indicator is a national obligation reflected as an indicator and target in the annual national Outcome 10 deliverable
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count. Evidence = Application forms; approved submissions (initiator, verifier, approver); Published Declarations/Intent to Declare; Stewardship Agreement.t
Data limitations	None expected.
Type of indicator	Output.
Calculation type	Simple count.
Reporting cycle	Annual.
New indicator	No
Desired performance	Higher performance is desired.
Indicator responsibility	Mr D Hayter.

Indicator title	Percentage of area of state managed protected areas assess with a METT score above 67%
Short definition	Management Effectiveness Tracking Tool (METT) is a system designed to monitor and report on the extent to protected areas are management effective to protect and conserve biodiversity. A METT score of 67% (and above) is the minimum required level of effective management.
Purpose/importance	1. To assesses the effectiveness of existing interventions which are being implemented and to use collected information to identify and implement appropriate interventions to improve the overall management effectiveness of state managed protected areas.

	2. Mandated by the National Environmental Management: Protected Areas Act (Act 57 of 2003) 2.1 This indicator is a national obligation reflected as an indicator and target in the annual national Outcome 10 deliverable.
Source/collection of data	DEA
Method of calculation& Evidence type	Baseline = 70% of the **area** of the Free State Provincial Nature Reserve Estate (129980ha) extent to attain a METT score of 67% or higher. Calculated by the sum total area (hectares) of all provincial nature reserves attaining a METT score of 67% or higher expressed as a percentage (%) of the total extent of all Provincial Nature Reserves (185686ha). 70% target therefore = 129980/185686 x 100) Evidence = 13 METT score reports
Data limitations	The final percentage achieved is determined and published by DEA.
Type of indicator	Outcome.
Calculation type	Cumulative.
Reporting cycle	Annually.
New indicator	No
Desired performance	Higher
Indicator responsibility	Mr D Hayter.

Indicator title	Number of hectares in the conservation estate.
Short definition	Reflects the total extent (hectares) of the conservation estate at the time of reporting (Includes all forms of conservation estate in the province both formal [those sites formally declared as protected areas] and informal [those sites registered as Conservancies]).
Purpose/importance	1. It indicates the level of progress towards the Millennium Development Goal and Convention on biodiversity and conservation. Indicates progress towards the national and provincial protected areas expansion strategy. 2. Guided by the National Environmental Management: Protected Areas Act (Act 57 of 2003), The National Protected Area Expansion Strategy and the Free State Protected Area Expansion Strategy (2016) 2.1 This indicator is a national obligation reflected as an indicator and target in the annual national Outcome 10 deliverable
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Free State Protected Area register; Free State Conservancy Register; Registration certificate of protected area.
Data limitations	The accuracy of the data in terms of specific boundaries and hectares and access to information and clarity on ownership of

	protected land. Increase areas of conservation areas by all stakeholders.
Type of indicator	Output.
Calculation type	Cumulatively.
Reporting cycle	Annually.
New indicator	No.
Desired performance	Higher performance.
Indicator responsibility	Mr Dave Hayter.

Indicator title	Number of game donations to black game farmers
Short definition	Black Game Farmers who are recipients of game donated by the DESTEA during the financial year, as part of the Black Game Farmers Programme.
Purpose/importance	1. Transformation of the industry and economic development. 2. Black Game Rancher Policy mandated through annual submissions and is a clear annual budget speech injunction.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Approved submissions (initiator, verifier, approver); formal allocation letters; register of farmers and game take-off quantities and value.
Data limitations	Lack of data captured on database.
Type of indicator	Output.
Calculation type	Simple count
Reporting cycle	Quarterly.
New indicator	Yes
Desired performance	Higher performance is desired.
Indicator responsibility	Mr P. Crouse.

Indicator title	Provincial biodiversity plan developed.
Short definition	Biodiversity plan based on analysis of provincial terrestrial and aquatic information.
Purpose/importance	To inform decision making and spatial information planning in protecting sensitive biological diversity asset base and natural pristine environment
Source/collection of data	SANBI, DEA, EA Branch, DARD and private game farm owners including DRDLR.
Method of calculation& Evidence type	Simple count Evidence = Approved plan (initiator, verifier, approver); outcome report (initiator, verifier, approver).
Data limitations	Poor GIS information, Poor grazing land for game and poor implementation of The Biodiversity Economy Strategy imperatives
Type of indicator	Output

Calculation type	Simple count and game farms verification
Reporting cycle	Annually
New indicator	Yes
Desired performance	High
Indicator responsibility	Mr Nacelle Collins (Mr Coenie Erasmus)

Indicator title	Number of new Black Game Ranchers established.
Short definition	Support the establishment of new Black Game Ranchers in the province.
Purpose/importance	1. Transformation of the industry and economic development. 2. Black Game Rancher Policy mandated through annual submissions and is a clear annual budget speech injunction.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count, Evidence = Register/database of new farmers supported; formal support allocation letters; reports on technical support provided; outcome report (initiator, verifier, approver).
Data limitations	Lack of data captured on database.
Type of indicator	Output.
Calculation type	Simple count
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher performance is desired.
Indicator responsibility	Mr P. Crouse.

Indicator title	Number of mentorship session for black game farmers.
Short definition	Black Game Ranchers established by the DESTEA will receive ongoing mentoring from the department so as to ensure success and sustainability of the ranchers themselves, their businesses and of the programme in general.
Purpose/importance	1. Transformation of the industry and economic development. 2. Black Game Rancher Policy mandated through annual submissions and is a clear Budget speech injunction.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count, Evidence = Register of mentorship sessions; outcome report (initiator, verifier, approver)
Data limitations	Lack of data captured on database.
Type of indicator	Output.
Calculation type	Simple count
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher performance is desired.

Indicator responsibility	Mr P. Crouse.

Indicator title	Number of biodiversity economy initiatives implemented.
Short definition	To measure the number of biodiversity economy initiatives implemented by provinces and/or the entities in order to contribute to economic growth and transformation objectives, as espoused within our Game Industry Policy.
Purpose/importance	To implement and achieve the policy directives of radical economic transformation through the biodiversity sector, on particular the game industry, in order to support the Provincial Economic Development Strategy, as well as the departmental Game Industry Policy and maintaining ecological resource base.
Source/collection of data	DEA, EA Branch, Industry, Tertiary Institutions
Method of calculation& Evidence type	Simple count Evidence = Empowerment Programmes implementation Reports (initiator, verifier, approver), Training and Economic / Financial Support allocation letters; register of biodiversity economy initiatives implemented.
Data limitations	Lack of evidence based support programs and the strategy is still new
Type of indicator	Output
Calculation type	Simple count and Economic Empowerment Programs developed
Reporting cycle	Annually
New indicator	Yes
Desired performance	High performance
Indicator responsibility	Mr. T .Moremi

ENVIRONMENTAL EMPOWERMENT SERVICES

Indicator title	Number of conservancies supported.
Short definition	Voluntary co-operative nature and environmental management by communities and users. A conservancy consist of average 15 members with a chairperson, vice-chairperson and treasure who serve as the committee of the conservancy. They identify activities that can be carried out by the conservancy and possible funders for project to be carried out.
Purpose/importance	The purpose of conservancies is to undertake different environmental activities or projects within communities. Project(s) can focus on any environmental issue in the community e.g. waste management through recycling, water management, alien species clearing, river rehabilitation, etc. to promote environmental management .It is also, to empower communities with regards to environmental management knowledge so as to protect natural

	resources. Conservancies contributes towards environmental sustainability. Support will mainly be in the form of technical advice and facilitation.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Register/database of conservancies supported; outcome reports (initiator, verifier, approver); technical reports (initiator, verifier, approver)
Data limitations	Accuracy of the data captured on database. Stakeholder participatory establishing conservancies.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher performance is desired.
Indicator responsibility	Mr T. Molebaloa

Indicator title	Number of community members' work shopped on environmental management.
Short definition	Empowerment of community members. The training which is mostly a 3-5 working day training, could be on: Waste management and Recycling, Water Management, Air Pollution Control, Climate Change, Water Management, etc.
Purpose/importance	Act as voluntary environmental ambassadors in communities to protect the environment. Some of the community members that are trained form part of municipalities EPWP programs. It is also, to empower communities with regards to environmental management knowledge so as to protect natural resources.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count. Evidence= Register of community members workshopped, attendance registers; invitations; presentation materials; outcome report (initiator, verifier, approver)
Data limitations	Accuracy of the data captured on the register.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher performance is desired.
Indicator responsibility	Ms N.M. Nkoe

Indicator title	Number of registered schools for participation in an environmental programme.

Short definition	Schools are registered as Eco-schools and supported with educational information. .
Purpose/importance	To enhance environmental education and encourage schools to implement environmental projects. These actions creates environmental awareness amongst youths and should contribute towards sustainability.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Completed & signed registration forms; Register/database of Eco-Schools; outcome report (initiator, verifier, approver).
Data limitations	Accurate records.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher performance is desired.
Indicator responsibility	Ms C. Erasmus.

Indicator title	Number of environmental awareness activities conducted (Community).
Short definition	Refers to the number of activities (workshop, session, presentation in a community meeting) organized towards promoting awareness about the environment. For example, awareness sessions conducted in schools, communities, visits by clients to environmental centre, distribution of pamphlets, celebration of environment commemorative days, exhibitions, clean-up campaigns, media campaigns, resources developed, greening or trees planted, etc.
Purpose/importance	To track environmental awareness efforts and promote environmental awareness in communities to contribute towards environmental sustainability.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = awareness materials/information, register of awareness activities, outcome report (initiator, verifier, approver); attendance registers; evaluation forms.
Data limitations	Inaccurate records and access to reliable data
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No.

Desired performance	Higher performance.
Indicator responsibility	Ms N. M. Nkoe

Indicator title	Number of environmental capacity building activities through workshops and informal training conducted.
Short definition	Refers to the number of activities conducted in order to build stakeholder capacity to implement environmental regulatory framework and/or create work opportunities in environmental programmes and / or improve municipal and community environmental capacity as prescribed by NEMA and other legislative mandates (Refer to pages 4-5 of the 2017/18 SP).
Purpose/importance	To build capacity of stakeholders on the environmental regulatory framework and/or work opportunities in environmental programmes and/or related environmental issues to improve municipal and community environmental capacity.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Register of capacity building activities; programmes; presentation materials; invitations; attendance registers.
Data limitations	Verification of data and reluctance and non-responsiveness by the stakeholder.
Type of indicator	Output.
Calculation type	Simple count.
Reporting cycle	Quarterly
New indicator	No.
Desired performance	Higher performance.
Indicator responsibility	Ms N. M. Nkoe

Indicator title	Number of quality environment education resources materials developed.
Short definition	Refers to the number of educational resources materials developed to support awareness, empowerment, education and capacity building efforts for transformative learning and practice in environment and sustainability education.
Purpose/importance	To assist with awareness and capacity building efforts, in order to ensure transformative environmental learning and practices.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Approved education resources materials; register of materials developed.
Data limitations	Inaccurate records and access to reliable data.
Type of indicator	Outputs.
Calculation type	Cumulative.

Reporting cycle	Quarterly.
New indicator	New.
Desired performance	Higher performance.
Indicator responsibility	Ms N. M. Nkoe

Indicator title	Number of environmental calendar days celebrated.
Short definition	Celebration of national environmental calendar days as identified by DEA.
Purpose/importance	To disseminate information about natural resources and promote environmental awareness.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count. Evidence = Register of environmental calendar days celebrated; outcome reports (initiator, verifier, approver); attendance registers.
Data limitations	Attendance by stakeholders.
Type of indicator	Output.
Calculation type	Nun cumulative.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher.
Indicator responsibility	Ms N.M Nkoe

Indicator title	Number of seedlings cultivated at the Karee Nursery.
Short definition	Alleviation of seeding for areas identified where indigenous plants will be planted.
Purpose/importance	Enhance biodiversity and greening.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence = Records of seedlings planted.
Data limitations	Accuracy of the database.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly.
New indicator	No.
Desired performance	Higher.
Indicator responsibility	Ms M. Magoele.

Indicator title	Number of trees planted
Short definition	Promotion of a green environment that fights climate change and global warming.

Purpose/importance	To assist communities and the public in general to promote the plantation of indigenous plants that are responsive and conducive to South African weather conditions and will assist in fighting global warming and climate changes issues.
Source/collection of data	DEA, EA Branch; Nursery institutions
Method of calculation& Evidence type	Simple count Evidence = Register of trees planted; outcome reports (initiator, verifier, approver); register of planting events.
Data limitations	Financial resources for nursery expansion and transport to respond to all enquiries and events
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	No
Desired performance	High performance
Indicator responsibility	Ms. M. Magoele

Indicator title	Number of Greenest and Cleanest Municipality Competition facilitated.
Short definition	Competition amongst local municipalities for implementation of environmental programmes such as waste management, water management and greening and landscaping within their towns.
Purpose/importance	To encourage municipalities to accelerate and improve management of physical environment in their respective towns in order to address long term sustainability.
Source/collection of data	EA Branch; Municipalities.
Method of calculation& Evidence type	Simple count. Evidence = Attendance registers; evaluations forms; competition outcome report (initiator, verifier, approver)
Data limitations	Inaccuracy records kept.
Type of indicator	Output.
Calculation type	Non-Cumulative.
Reporting cycle	Quarterly
New indicator	Yes.
Desired performance	Higher.
Indicator responsibility	Ms N.M Nkoe

Indicator title	Number of work opportunities created through environmental programmes (EPWP)
Short definition	To facilitate the creation of temporary jobs in Provincial Nature Reserves through the EPWP Grant, with a focus on women, youth and people with disabilities.

Purpose/importance	To track job creation opportunities in the environment sector and to improve socio-economic benefits within the environmental sector.
Source/collection of data	EA Branch
Method of calculation& Evidence type	Simple count Evidence: Contracts, appointment letters; register of jobs created; departmental EPWP database; copies of ID's; vacancy list; advertisments.
Data limitations	Accuracy of the data depends on reliability of reported data.
Type of indicator	Output.
Calculation type	Total Sum maintained over each quarter –cumulative.
Reporting cycle	Quarterly
New indicator	Yes
Desired performance	Higher.
Indicator responsibility	Mr M. Letolo

Indicator title	Number of rivers cleaned
Short definition	Promotion of clean and sand free river systems and dams which currently waste water.
Purpose/importance	To save water and clean the water catchments in order to address water security and scarcity, and to improve natural ecosystems.
Source/collection of data	DEA, EA Branch
Method of calculation& Evidence type	Simple count Evidence = Register of dams/rivers cleaned; outcome reports (initiator, verifier, approver); photos
Data limitations	Financial support for informed studies including collaboration with Department of Water and Sanitation
Type of indicator	Output / outcome
Calculation type	Simple count
Reporting cycle	Annually
New indicator	Yes
Desired performance	High performance
Indicator responsibility	Ms. N. M. Nkoe

Indicator title	Number of towns cleaned
Short definition	Targeted cleaning campaigns in promotion of Section 24 of the RSA Constitution
Purpose/importance	To promote a clean and healthy environment that promotes and is in support of intergovernmental and cooperative governance service delivery. The program also directly support the COGTA based Back To Basics Programme and relevant EXCO resolutions.

Source/collection of data	DEA, EA Branch and Municipalities including Department of Water and Sanitation
Method of calculation& Evidence type	Simple count Evidence = Register of dams/rivers cleaned; outcome reports (initiator, verifier, approver); photos
Data limitations	Municipal support
Type of indicator	Output
Calculation type	Simple count
Reporting cycle	Annually
New indicator	Yes
Desired performance	High performance
Indicator responsibility	Ms M. Sello