



Report on the implementation of AEW A for the period 2018-2020

The format for reports on the implementation of the Agreement on the Conservation of African-Eurasian Migratory Waterbirds (AEWA) for the period 2018-2020 was approved by the 7th Session of the Meeting of the Parties (MOP7, 4-8 December 2018, Durban, South Africa) through Resolution 7.1 and modified by the Standing Committee at its 15th meeting (11-13 December 2019, Bristol, UK) as mandated by the MOP. This format has been compiled following the AEW A Annex 3 (Action Plan), the AEW A Strategic Plan 2019-2027 and resolutions of the MOP.

In accordance with article V(c) of the Agreement on the Conservation of African-Eurasian Migratory Waterbirds, each Party shall prepare to each ordinary session of the MOP a National Report on its implementation of the Agreement and submit that report to the Agreement Secretariat. By Resolution 7.1 of the MOP the deadline for submission of National Reports to the 8th Session of the MOP was set at 180 days before the opening date of MOP8, which was scheduled to take place on 5-9 October 2021 in Hungary; therefore the deadline for submission of National Reports was Thursday 8 April 2021.

As per Resolution 7.1 of the MOP, Chapter 3 of the National Report Format for MOP8 reports was developed as a stand-alone online reporting module, which was administered through a separate reporting process on the population status of AEW A-listed (native) and non-native species of waterbirds for the period 2013-2018. This reporting process was concluded on 30 June 2020 as agreed by MOP7. Therefore, this report does not contain Chapter 3.

The AEW A National Reports 2018-2020 were compiled and submitted through the AEW A Online National Reporting System, which is part of the broader CMS Family Online Reporting System. The CMS Family Online Reporting System was developed by the UNEP-World Conservation Monitoring Centre (UNEP-WCMC) in close collaboration with and under the guidance of the UNEP/AEW A Secretariat.

1. General Information

Name of reporting Contracting Party

>>> Botswana

Date of entry into force of AEWA in the Contracting Party

>>> 1st November 2017

List any reservations that the Contracting Party has made (if any) in respect of any population(s) listed in Table 1 of Annex 3 or any specific provision of the AEWA Action Plan - either upon deposition of its instruments of accession (per AEWA, Article XV) or subsequent to any amendment of Table 1 or the AEWA Action Plan, as adopted by a session of the Agreement's Meeting of the Parties (per AEWA, Article X.6).

EU member states should list also all reservations entered by the European Commission on behalf of the European Union.

>>> None

2. Institutional Information

Please update information on the National AEWA Administrative Authority, the National Focal Points, the Designated National Respondent and the other contributors to this report.

Designated National AEWA Administrative Authority

Full name of the institution

>>> Ministry of Environment, Natural Resource Conservation and Tourism, Department of Wildlife and National Parks

Name and title of the head of institution

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Designated National Focal Point (NFP) for AEWA matters

Name and title of the NFP

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>>> none

Designated National Focal Point for AEWA Technical Committee (TC NFP) matters

Name and title of the TC NFP

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Affiliation (institution, department)

>>> Birdlife Botswana

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Designated National Focal Point for Communication, Education and Public Awareness (CEPA NFP) matters

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>>> Department of Wildlife and National Parks

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Designated National Respondent (DNR) in charge of the compilation and submission of the AEWA National Report 2018-2020

Please select from the list below as appropriate.

The National Focal Point (NFP) has been designated as the National Respondent

Other contributors to the AEWA National Report 2018-2020

Please list the names and affiliations (institution, organisation) of the other contributors to this report. For Contracting Parties in which nature conservation is not an exclusive competence of national/federal government, Designated National Respondents are encouraged to seek input from other relevant levels of government.

>>> Department of Environmental Affairs, Birdlife Botswana

Pressures and Responses

4. Species Conservation

4.1 Legal Measures

1. Following MOP7, was a review undertaken in your country of the relevant domestic legislation against the provisions of the latest version of the Agreement text and its annexes, including Table 1 in Annex III, taking into account all amendments adopted by MOP7? (AEWA Strategic Plan 2019-2027, Actions 1.1 (a), 1.1 (b), 2.2(a) and 2.2(b))

Yes

Please indicate the outcome of this review

Relevant national legislation was fully in line with the Agreement text and its annexes

Field for additional information (optional)

>>> In-depth review will be done this year 2021.

2. Was your country's national legislation reviewed following the Guidance on Measures in National Legislation for Different Populations of the Same Species, Particularly with Respect to Hunting and Trade (Resolution 6.7)?

See Appendix 1 / Appendix 2 / Appendix 3

Notice: Before clicking on the above hyperlink, please keep pressing the **Ctrl button** on your keyboard to open the link in a new tab.

Yes

Did this require adjusting your national legislation?

No

Please describe how your current national legislation is compatible with the advice provided in the Guidance

>>> There is no hunting of protected birds according to the Wildlife Conservation and National Parks Act of 1992, hence these are well taken care of in the country.

3. Please confirm the protection status under your country's national legislation of the AEWA Table 1, Column A populations that are regularly occurring in your country (AEWA Action Plan, paragraph 2.1.1; AEWA Strategic Plan 2019-2027, Target 1.1).

Guidance on responding to this question:

1- Please click here and download the Excel file starting with your country's name. (**Notice:** before clicking on this hyperlink, please keep pressing the Ctrl button on your keyboard to open the link in a new tab.)

2- Fill in the Excel template comprehensively;

3- Upload the completed Excel file as an attachment here. For uploading please click on the little blue icon below containing a paper clip.

I confirm that I have downloaded the Excel file with my country's name, filled it in as necessary and uploaded the completed file as an attachment to this question.

You have attached the following documents to this answer.

[Copy_of Botswana_Q3_AEWA_NR_2018-2020_PopCoIA- MAFA.xlsx](#)

4. Please confirm whether there is an open hunting season for the AEWA Table 1, Column A, category 2 or 3 with an asterisk or category 4 populations that are regularly occurring in your country (AEWA Action Plan, paragraph 2.1.1; AEWA Strategic Plan 2019-2027, Target 1.1).

Guidance on responding to this question:

1- Please click here and download the Excel file starting with your country's name. (**Notice:** before clicking on this hyperlink, please keep pressing the Ctrl button on your keyboard to open the link in a new tab.)

2- Fill in the Excel template comprehensively;

3- Upload the completed Excel file as an attachment here. For uploading please click on the little blue icon below containing a paper clip.

I confirm that I have downloaded the Excel file with my country's name, filled it in as necessary and uploaded the

completed file as an attachment to this question.

You have attached the following documents to this answer.

[Copy of Botswana Q4 AEWA NR 2018-2020 PopCoIA-Cat234- MAFA.xlsx](#)

5. Please confirm whether taking is regulated for the AEWA Table 1, Column B populations that are regularly occurring in your country (AEWA Action Plan, paragraph 2.1.2; AEWA Strategic Plan 2019-2027, Target 1.1).

Guidance on responding to this question:

1- Please click here and download the Excel file starting with your country's name. (**Notice:** before clicking on this hyperlink, please keep pressing the Ctrl button on your keyboard to open the link in a new tab.)

2- Fill in the Excel template comprehensively;

3- Upload the completed Excel file as an attachment here. For uploading please click on the little blue icon below containing a paper clip.

I confirm that I have downloaded the Excel file with my country's name, filled it in as necessary and uploaded the completed file as an attachment to this question.

You have attached the following documents to this answer.

[Copy of Botswana Q5 AEWA NR 2018-2020 PopCoIB- MAFA.xlsx](#)

6. Please indicate if any of the following modes of taking are prohibited in your country: snares, limes, hooks, live birds which are blind or mutilated used as decoys, tape recorders and other electronic devices, electrocuting devices, artificial light sources, mirrors and other dazzling devices, devices for illuminating targets, sighting devices for night shooting comprising an electronic image magnifier or image converter, explosives, nets, traps, poison, poisoned or anesthetic baits, semi-automatic or automatic weapons with a magazine capable of holding more than two rounds of ammunition, hunting from aircraft, motor vehicles, or boats driven at a speed exceeding 5 km p/h (18 km p/h on the open sea), other non-selective modes of taking. (AEWA Action Plan, paragraph 2.1.2(b); AEWA Strategic Plan 2019-2027, Target 1.1)

Yes, one or more modes of taking have been prohibited

Please provide details to each mode of taking in the list below:

Snares

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Limes

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Hooks

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Live birds which are blind or mutilated used as decoys

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Tape recorders and other electronic devices

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Electrocuting devices

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Artificial light sources

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Mirrors and other dazzling devices

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Devices for illuminating targets

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Sighting devices for night shooting comprising an electronic image magnifier or image converter

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Explosives

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Nets

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Traps

Yes, fully

Please indicate the legislation under which the mode of taking is prohibited

>>> Wildlife Conservation and National Parks Act, 1992

Poison

No

Please explain the reasons

>>> The use of poison is not captured in the Wildlife Conservation and National Parks Act, 1992 but there is an ongoing review of the Act.

Poisoned or anaesthetic baits

No

Please explain the reasons

>>> he use of poison is not captured in the Wildlife Conservation and National Parks Act, 1992 but there is an ongoing review of the Act.

Semi-automatic or automatic weapons with a magazine capable of holding more than two rounds of ammunition

No

Please explain the reasons

>>> It is not specified in the Act the use of weapons or riffles.

Pressures and Responses

5. Habitat Conservation

5.1 Habitat Inventories

39. Has your country identified the network of all sites of international and national importance for the migratory waterbird species/populations listed on Table 1? (AEWA Action Plan, paragraph 3.1.2; AEWA Strategic Plan 2019-2027, Action 3.1(a))

No

40. If your country has identified or is currently identifying the networks of sites of international and national importance, were the AEWA Conservation Guidelines on the preparation of site inventories for migratory waterbirds used?

Notice: Before clicking on the above hyperlink, please keep pressing the **Ctrl button** on your keyboard to open the link in a new tab.

No

5.2. Conservation of Areas and Habitats

41. Has your country assessed the future implications of climate change for protected areas and other sites important for waterbirds (i.e. resilience of sites to climate change)? (Resolution 5.13)

For one or more single sites

Yes

42. Which sites that were identified as important, either internationally or nationally, for Table 1 migratory waterbird species/populations have been designated as protected areas under the national legislation and have management plans that are being implemented, including with the aim to increase resilience to the effects of climate change? (AEWA Action Plan, paragraph 3.2.1; AEWA Strategic Plan 2019-2027, Target 3.3)

Please report separately on internationally important sites, nationally important sites and buffer zones.

Reporting on designation and management of internationally important sites

All sites of international importance

(sites recognized as having international importance for migratory waterbirds following criteria of, for instance, the AEWA Critical Site Network, the Ramsar Convention, the EU Birds Directive (SPAs), the Bern Convention Emerald Network, the BirdLife International's Important Bird Areas)

Total number

>>> 1

Total area (ha)

>>> 22 000

Number of internationally important sites under national protection designation

>>> 1

Area of international importance under national protection designation (ha)

>>> 22 000

Please rate the effectiveness of the national protection designation

Moderate

Internationally important protected sites with a management plan in place which is being implemented

Number of sites

>>> 1

Please rate the effectiveness of the management measures

High

DESIGNATION GAP FILLING

No

44. Is the network of nationally and internationally important sites for migratory waterbirds integrated into your country's water- and land-use policies and planning and decision-making processes? (AEWA Strategic Plan 2019-2027, Target 3.4)

No

45. Has your country used the AEWA Conservation Guidelines on the management of key sites for migratory waterbirds?

Notice: Before clicking on the above hyperlink, please keep pressing the **Ctrl button** on your keyboard to open the link in a new tab.

Not applicable

46. Has the Critical Site Network (CSN) Tool for the AEWA area been accessed and used in your country? (Resolution 7.9)

Notice: Before clicking on the above hyperlink, please keep pressing the **Ctrl button** on your keyboard to open the link in a new tab.

No

47. Following MOP7, has your country been involved in the establishment of innovative, international, multi-stakeholder partnerships to guide the development and implementation of habitat management, creation and restoration projects in the wider environment? (AEWA Strategic Plan 2019-2027, Action 4.4(a))

No

Pressures and Responses

6. Management of Human Activities

6.1. Hunting

48. Does the legislation of your country implement the principle of sustainable use of waterbirds, as envisaged in the AEWA Action Plan, taking into account the full geographical range of the waterbird populations concerned and their life history characteristics? (AEWA Action Plan, paragraph 4.1.1; AEWA Strategic Plan 2019-2027, Target 2.2)

Yes

Please provide details on how this is achieved and reference to the relevant legislation

>>> The is a specified open hunting season and the maximum birds allowed per day.

Field for additional information (optional)

>>> Hunting is strictly prohibited in Protected Areas.

49. Does your country have an established system for the collection of harvest data, which covers the species/populations listed in Table 1? (AEWA Action Plan, paragraph 4.1.3; AEWA Strategic Plan 2019-2027, Action 2.1(b))

Yes

Does it cover the following? (tick where applicable and provide details)

All AEWA species occurring in your country

>>> Southern pochard, Spur-winged goose, Egyptian goose etc

Does it cover the following? (tick where applicable and provide details)

Only part of the territory of your country

>>> Excludes protected areas

Does it cover the following? (tick where applicable and provide details)

Only some forms of waterbird harvesting

>>> use of poisonous substances and automatic rifles are not allowed.

50. Has your country phased out the use of lead shot for hunting in wetlands? (AEWA Action Plan, paragraph 4.1.4; AEWA Strategic Plan 2019-2027, Action 2.2(d))

No

Please explain the reasons and barriers to introduction of legislation

>>> The Government and NGOs are working on the introduction of the legislation.

Has your country introduced self-imposed and published timetable for banning fully the use of lead shot for hunting in wetlands?

No

Please explain the reasons

>>> Consultation with relevant stakeholders were still ongoing.

Field for additional information (optional)

>>> Other organizations have since stopped the use of lead ammunition.

51. Are there measures in your country to reduce/eliminate illegal taking? (AEWA Action Plan, paragraph 4.1.6; AEWA Strategic Plan 2019-2027, Action 2.2(e))

Yes

How would you rate the effectiveness of the measures?

Moderate

Please provide details and reasons for the lower level of effectiveness.

>>> The areas in which hunting is conducted is widespread hence difficult to police.

52. Does your country maintain an adequate system for making realistic estimates of the number of waterbirds taken illegally? (AEWA Strategic Plan 2019-2027, Action 2.1(b))

Partially

Please provide details

>>> All birds and bird products confiscated are registered.

53. Is legally binding proficiency testing for hunters, including amongst other things bird identification, in place in your country? (AEWA Action Plan, paragraph 4.1.8; AEWA Strategic Plan 2019-2027, Target 2.2)

No

Please explain the reasons

>>> Currently the only requirement is proof of ownership of a rifle.

54. Are best practice codes and standards for hunting in place in your country in support of enforcement of hunting laws and regulations? (AEWA Action Plan, paragraph 4.1.7; AEWA Strategic Plan 2019-2027, Target 2.3)

Yes

What do these cover?

Emergency closure of hunting in cases of exceptionally unfavourable or endangering conditions

Please rate the degree of application of these best practice codes and standards:

Medium (more applied than not applied)

Please provide details and reasons for non-application

>>> We still have some perpetrators who hunt during close season.

Please rate the effectiveness these best practice codes and standards in supporting enforcement of hunting laws and regulations:

Medium (effective to some extent in supporting enforcement of hunting laws and regulations)

55. Has your country used the AEWA Conservation Guidelines on sustainable harvest of migratory birds?

Notice: Before clicking on the above hyperlink, please keep pressing the **Ctrl button** on your keyboard to open the link in a new tab.

Yes

Please provide details

>>> There is a specified open hunting season and the maximum number of birds allowed per day.

6.2. Ecotourism

56. Is wetland- and waterbird-related ecotourism integrated into your country's national tourism development strategies or other relevant national strategies? (AEWA Action Plan, paragraph 4.2.1; AEWA Strategic Plan 2019-2027, Action 2.5(c))

Yes

Please describe and provide details

>>> Bird tourism is encouraged in all wetlands and man-made dams.

57. Are there existing ecotourism initiatives in your country specifically based on migratory waterbirds and their habitats? (AEWA Strategic Plan 2019-2027, Target 2.5)

Yes

Please describe how many initiatives are in place and provide details for each of them

>>> Annual bird watching at Sua Flamingo Sanctuary conducted by Lekhubu Community Conservation Trust.

Please rank the degree to which these initiatives are designed to deliver both conservation and community benefits:

High

Please provide details

>>> All entry fees are geared towards community livelihood development

Please rank the degree to which these dual benefits are being delivered in practice:

Medium

Please provide details and the reasons for successful delivery and barriers to fuller delivery
>>> Currently entry into the sanctuary is not regulated as the regulations are still being developed.

6.3. Other human activities

58. Have restrictions on use of lead fishing weights been introduced in your country? (AEWA Action Plan, paragraph 4.3.12). When answering this question please also consider question 78 in chapter 7 - Research and monitoring.

No

59. Does your country have legislation in place, which provides for Strategic Environmental Assessment/Environmental Impact Assessment (SEA/EIA) of activities potentially negatively affecting natural habitats or wildlife? (AEWA Action Plan, paragraph 4.3.1; AEWA Strategic Plan 2019-2027, Target 3.5)

Yes and being implemented

Does this legislation apply to the entire country or only to particular states/provinces thereof?

Entire country

Please provide details

>>> The legislation is implemented by the Department of Environmental Affairs under the Ministry of Environment, Natural Resources Conservation and Conservation.

Do the SEA/EIA processes consider waterbirds and habitats on which they depend?

Yes

Do the SEA/EIA processes include public participation?

Yes

60. Are there any other legal and/or administrative measures in your country to avoid, mitigate and compensate for adverse impacts of development activities on the sites of national and international importance for migratory birds? (AEWA Strategic Plan 2019-2027, Target 3.5)

Yes

Please rank the effectiveness of these measures:

High

61. In the last three years, has your country used SEA/EIA for all relevant projects, including energy sector projects such as renewable energy developments and power lines installation, to assess the impact of proposed projects on migratory waterbird species listed on Table 1 and/or habitats/sites on which they depend? (AEWA Action Plan, paragraph 4.3.1, Resolution 5.11 and Resolution 5.16; AEWA Strategic Plan 2019-2027, Action 3.5(b))

Yes, all proposed projects

Please provide information on the outstanding cases

>>> none

Where an SEA/EIA has identified a likelihood of significant negative impacts on migratory waterbirds, have steps been taken to avoid these impacts, including avoidance of protected areas and other sites of importance for migratory waterbirds?

Yes

Please describe the measures put in place

>>> modify boundaries to exclude sensitive areas

62. Do you maintain a record of the cases of adverse impacts of development activities and other pressures on sites of national and international importance for migratory waterbirds in your country? (AEWA Strategic Plan 2019-2027, Action 3.5(a))

Yes

Please report the number of sites of national and international importance for migratory waterbirds in your country that are subject to adverse impact of development activities or other pressures. Please list those sites with their names, central geographic coordinates and observed impacts.

>>> 1. Okavango Delta (Wild Heritage Site and Ramsar site)

2. Sua Flamingo Sanctuary at Makgadikgadi pans (Major breeding site for flamingos)

Please report the number of sites of national and international importance for migratory waterbirds in your country where adverse impact of development activities or other pressures has been effectively avoided, mitigated or compensated. Please list those sites with their names, central geographic coordinates and the impacts that have been addressed.

>>> 1. Okavango Delta (Wild Heritage Site and Ramsar site)

2. Sua Flamingo Sanctuary at Makgadikgadi pans (Major breeding site for flamingos)

63. Has your country used the AEWA Conservation Guidelines on how to avoid, minimize or mitigate impact of infrastructural developments and related disturbance affecting waterbirds?

Notice: Before clicking on the above hyperlink, please keep pressing the **Ctrl button** on your keyboard to open the link in a new tab.

Yes

64. Please report on the implementation of Resolution 5.11 on Power Lines and Migratory Waterbirds.

64.1. Are relevant stakeholders, including government agencies, scientific bodies, nongovernmental organisations and the energy sector, being regularly consulted in order to monitor jointly the impacts of power lines on waterbirds and to agree on a common policy of action?

Yes

Please provide details

>>> The Botswana Power Corporation and Civil Aviation Authority are continually engaged in the monitoring of power lines and aircrafts that traverse Important Bird Areas (IBAs).

64.2. Has a baseline of waterbird distribution, population sizes, migrations and movements (including those between breeding, resting and feeding areas) been established as early as possible in the planning of any power line project, over a period of at least five years, and with particular emphasis on those species known to be vulnerable to electrocution or collision?

Yes

Please provide details

>>> In areas where power lines traverse breeding sites or flyways the corporations has installed reflective devises to avoid collisions by birds.

64.3 If such studies, as described in the question above, have identified any risks, has every effort been made to ensure these are avoided?

Yes

Please provide details.

>>> In areas where power lines traverse breeding sites or flyways the corporations has installed reflective devices to avoid collisions by birds and in some areas underground power lines has been installed.

64.4. Have the location, route and direction of new power lines been designated on the basis of national zoning maps?

Yes

Please provide details

>>> The Department of Town and Regional Planning and Town Councils has established zonal maps for any developments that occur within their area of jurisdiction.

64.5. Has, wherever possible, the construction of power lines along major migration flyways and in habitats of conservation importance* been avoided, where such construction is likely to have significant effects on waterbirds?

* such as Special Protection Areas under the EU Birds Directive, Important Bird Areas, protected areas, Ramsar sites, the West/Central Asian Site Network for Siberian Crane and other waterbirds and other critical sites as identified by the Critical Site Network (CSN) Tool for the African-Eurasian region.

Yes

64.6. Are bird-safe designs in the construction of new power infrastructure, including measures designed to reduce electrocution and collisions being used in your country?

Yes

Please provide details

>>> In areas where power lines traverse breeding sites or flyways the corporations has installed reflective devises to avoid collisions by birds and in some areas underground power lines has been installed.

64.7. Have those sections of existing power lines that are causing relatively high levels of waterbird injury and/or mortality due to electrocution and/or collision been identified?

Yes

Please provide details

>>> Power lines along the major A1 road has been installed with insulators and reflective devices.

64.8. Where sections of existing power lines have been identified to cause relatively high levels of waterbird injury and/or mortality due to electrocution and/or collision, have they been modified as a matter of priority?

Yes

Please provide details.

>>> Power lines along the major A1 road has been installed with insulators and reflective devices.

64.9. Is there in your country regular monitoring and evaluation of the impact of power lines on waterbird populations at the national scale?

Yes

Please provide details

>>> National AEWA working group has been established that among others monitors and evaluates impact of power lines on water birds.

64.10. Is there in your country regular monitoring and evaluation of the effectiveness of mitigation measures put in place to minimise the impact of power lines on waterbird populations?

Yes

Please provide details.

>>> A full EIA /EMP is conducted prior to any power line development.

64.11. Have the measures contained in Resolution 5.11. been included in your country's National Biodiversity Strategies and Action Plans and relevant legislation?

Yes

65. Has your country used the AEWA Conservation Guidelines on how to avoid or mitigate impact of electricity power grids on migratory birds in the African-Eurasian region?

Notice: Before clicking on the above hyperlink, please keep pressing the **Ctrl button** on your keyboard to open the link in a new tab.

Yes

66. Please report on the implementation of Resolution 5.16 on Renewable Energy and Migratory Waterbirds.

66.1. Has a national sensitivity and zoning mapping to avoid overlap of renewable energy developments with areas of importance for migratory waterbirds been developed in your country?

Yes

66.2. Have any international environmental guidelines, recommendations and criteria been followed in your country for impact assessment of renewable energy developments and the utilization of renewable energy sources?

Yes

66.3. Is post-construction monitoring being undertaken of the renewable energy installations and associated infrastructure in your country?

Yes

Has adverse effect on migratory waterbirds and their habitats been identified?

Yes

Are mitigation measures being implemented?

Yes

Please provide details on the measures implemented.

>>> Fishing is regulated in all major water bodies

66.4. Where damage cannot be avoided or mitigated, has compensation for damages to biodiversity been provided?

Yes

Operate wind farms in ways that minimise bird mortality, for example by introducing shortterm shutdowns during peak migration and minimising lighting in wind farms.

Yes

Dismantling of wind turbines in existing installations, should waterbird mortality have an effect on the population status of a species and other mitigation measures have proved insufficient.

No

Focusing research efforts on alleviating the negative effects on waterbirds from wind farms, such as the mapping of the main migration corridors and migration crossings for waterbirds also allowing the optimising of wind farm layouts.

Yes

66.6. Have any specific measures been put in place to assess, identify and reduce potential negative impacts of biofuel production on migratory waterbirds and their habitats?

Yes

66.7. Have the measures contained in Resolution 5.11. been included in your country's National Biodiversity Strategies and Action Plans and relevant legislation?

Yes

67. Has your country used the following AEWA Conservation Guidelines - Renewable Energy Technologies and Migratory Species: Guidelines for Sustainable Deployment (Resolution 6.11)?

Notice: Before clicking on the above hyperlink, please keep pressing the **Ctrl button** on your keyboard to open the link in a new tab.

Yes

68. Is by-catch of waterbirds in fishing gear taking place in your country? (Resolution 3.8) (Please respond to this question only with respect to species, which are NOT considered seabirds. Seabird by-catch is dealt with in section 4.6 Seabirds)

No

69. Please report on the implementation of Resolution 5.12 on Adverse Effects of Agrochemicals on Migratory Waterbirds in Africa (this question is applicable only to Contracting Parties in Africa).

69.1. Have relevant government authorities developed and implemented regulations on the trade and application of agrochemicals known to have a direct or indirect adverse effect on waterbirds?

Yes and being implemented

Please provide details

>>> The Agrochemicals Committee under the Ministry of Agriculture Development and Food Security that deals with agrochemicals in the country.

69.2. Is the use of such agrochemicals regulated around nationally and internationally important sites for migratory waterbirds, particularly in wetlands, also taking into account run-offs from agriculture affecting aquatic ecosystems?

Yes

Please provide details

>>> Certain agrochemicals are not allowed for use near water bodies.

69.3. Are there any steps undertaken to control or reduce the use of avicides in areas frequented by populations listed in Table 1 of the Agreement?

Yes

69.4. Have education and training activities been implemented for relevant target groups on the proper use of agrochemicals that may have possible adverse effect on waterbirds?

Yes

Please provide details

>>> The Ministry of Agriculture Development and Food Security regularly conducts education and awareness training for communities and farmers associations.

70. Has any project / initiative been implemented in your country that promotes the integration of cultural and provisioning ecosystem services of migratory waterbirds into policy and decision-making affecting them or their habitats? (AEWA Strategic Plan 2019-2027, Target 2.6)

Yes

Are there any other examples or case studies in your country of policies and/or decision making that takes into account cultural and provisioning ecosystem services of migratory waterbirds?

Yes

Pressures and Responses

7. Research and Monitoring

71. Does your country have in place waterbird monitoring schemes for the AEWA species? (AEWA Strategic Plan 2019-2027, Actions 1.4(a) and 1.4(b))

Yes

Covering the breeding period

Guidance: Including pre- and post-breeding sites of concentration, such as moulting sites close to breeding areas

Fully [Guidance: Coverage is full when all waterbird species are covered by monitoring schemes that yield statistically robust estimates of breeding population size and trend at least once in every triennium.]

Please provide details.

>>> Waterbird counts/monitoring is conducted every January and July annually on predetermined transects.

Is information on drivers of population trends also being collected?

Yes

Covering the passage period

Fully [Guidance: Coverage is full when all internationally and nationally important sites for passage birds are comprehensively covered at least monthly in the passage period.]

Is information on drivers of population trends also being collected?

Yes

Covering the non-breeding/wintering period

Fully [Guidance: Coverage is full when all internationally and nationally important non-breeding/wintering sites are covered at least by one comprehensive annual count.]

Is information on drivers of population trends also being collected?

Yes

72. Is data collected through the International Waterbird Census or other relevant monitoring schemes being actively used in your country to inform national-level implementation of AEWA? (AEWA Strategic Plan 2019-2027, Action 1.5(a))

Yes

73. Has your country supported, technically or financially, other Parties or Range States in designing appropriate monitoring schemes and developing their capacity to collect reliable waterbird population data? (Resolution 5.2)

No

74. Has your country used the AEWA Conservation Guidelines on waterbird monitoring?

Notice: Before clicking on the above hyperlink, please keep pressing the **Ctrl button** on your keyboard to open the link in a new tab.

Yes

75. Has your government provided over the past triennium funds and/or logistical support for the International Waterbird Census and/or other waterbird monitoring scheme at international or national level? (Resolution 6.3)

Yes

Nationally

Yes

Internationally

Yes

76. Has your country donated funds to the African-Eurasian Waterbird Fund in the past triennium (Resolution 6.3, Resolution 7.7)?

Notice: Before clicking on the above hyperlink, please keep pressing the Ctrl button on your keyboard to open the link in a new tab.

No

77. **(Applicable to African Contracting Parties only)** Were the periods of breeding and of pre-nuptial migration for all AEWA-listed species and their respective populations occurring on the territory of your country identified at national level? (Resolution 7.8)

Yes

78. Has the impact of lead fishing weights on watebirds been investigated in your country? (AEWA Action Plan, paragraph 4.3.12). When answering this question please also consider question 58 in chapter 6 - Management of human activities.

No

Are there plans to investigate the impact of lead fishing weights on waterbirds in your country?

Yes

Pressures and Responses

8. Education and Information

8.1. Communication, Education and Public Awareness

79. Has your country developed and implemented programmes for raising awareness and understanding on waterbird conservation and about AEWA specifically? (Strategic Plan 2009-2017, Objective 4, Target 4.3 and AEWA Action Plan, paragraphs 6.1-6.4, Resolution 3.10, Resolution 5.5; Resolution 6.10)

Guidance: Such programmes should consist of a series of established, long-term communication activities, which are guided by clearly defined goals, target audiences and communication channels. A programme does not constitute a single, one-off communication activity, product or event. In other words, an established national programme to raise awareness and understanding on waterbird conservation and about AEWA would ideally be a number of targeted communication activities which are guided by a communication plan and are backed by sufficient human and financial resources.

No

80. Has a National AEWA Focal Point for Communication, Education and Public Awareness (CEPA) been designated by your country? (Resolution 5.5; Resolution 6.10)

Yes

Is the National CEPA Focal Point from the government or non-governmental sector?

Government

Has the AEWA CEPA Focal Point begun coordinating national implementation of the AEWA Communication Strategy?

Yes

How can the cooperation between the appointed AEWA CEPA Focal Point and the Ramsar CEPA Focal Points be described?

There is very close cooperation

81. Have measures been taken by your country to implement the provisions related to "Education and Information" in the AEWA Action Plan over the last triennium? (AEWA Action Plan, Paragraphs 6.1-6.4)

Yes

Please indicate which measures have been taken:

a. National training programmes have been arranged for personnel responsible for implementing AEWA

Yes

How can the effectiveness of the measures be rated?

High

b. Training programmes and materials have been developed in cooperation with other Parties and/or the Agreement Secretariat

No

c. AEWA related information and training resources have been exchanged with other Parties and/or shared with the Agreement Secretariat

No

d. Specific public awareness campaigns for the conservation of populations listed in Table 1 have been conducted

Yes

How can the effectiveness of the measures be rated?

High

82. Have World Migratory Bird Day (WMBD) activities been carried out in your country during this reporting cycle? (Resolution 5.5)

Yes

Please describe the activity/activities briefly and upload any sample materials, links or photos available related to the activity/event.

>>> The World Migratory Bird Day was conducted at Sehithwa in collaboration with schools with the theme "Birds Connect our World"

83. Has your country provided funding and/or other support, as appropriate (e.g. expertise, network, skills and resources) towards the implementation of the AEWA Communication Strategy and/or towards priority CEPA activities in the AEWA Strategic Plan 2019-2027? Please consider both national and international funding and different types of support provided. (Resolution 6.10)

Yes

Has this funding or support been on the national or international level?

Please provide details in the corresponding box below

National Level Funding and Support

Pressures and Responses

9. Implementation

84. Have you undertaken a national assessment of the resources needed for the delivery of the AEWA Strategic Plan 2019-2027? (AEWA Strategic Plan 2019-2027, Action 5.6.(b))

Yes

Have you developed a resource mobilization plan?

Yes, and it is being implemented

Please rate the degree of implementation of the resource mobilisation plan:

Medium (some resources are secured)

Please provide details and reasons for the lower degree of implementation

>>> Shortage of resources hinders the full implementation

85. Has your country approached non-contracting party range states to encourage them to accede to the Agreement? (Resolution 3.10; AEWA Strategic Plan 2019-2027, Target 5.2)

Report only on activities over the past triennium

No

86. Does your country have in place a national coordination mechanism for implementation of AEWA, possibly linking to national coordination mechanisms for other biodiversity Multilateral Environmental Agreements (MEAs)? (Strategic Plan 2019-2027, Action 5.3(b))

Guidance: Such mechanism can be a dedicated cross-institutional working group, involving representatives of the civil society and other relevant stakeholders, aimed at planning, coordinating and reporting the implementation of the Agreement in the country. Alternatively, the implementation of AEWA at national level can be coordinated as an extension of larger national coordination mechanisms for other MEAs, such as National Ramsar Committees or CBD NBSAPs coordination.

Yes, it is operational on a regular basis

Are priority capacity gaps addressed by the coordination mechanism?

Yes

Please rank the effectiveness of the national coordination mechanism for AEWA implementation:

High

Please provide details and the reasons for the high effectiveness

>>> The national AEWA focal person and the Multilateral Environmental Agreements focal person are both housed in the Department of Wildlife and National Parks.

87. Have you undertaken a national assessment of the capacity needs for AEWA implementation? (AEWA Strategic Plan 2019-2027, Action 5.3.(e))

Yes

Have you developed a prioritized national action plan to fill significant capacity gaps in your country?

Yes, and it is being implemented

88. Has your country concluded, or considered concluding, twinning schemes between sites with other countries, the sites of which share common migratory waterbirds or conservation issues? (Resolution 5.20)

Yes

Please provide details on each twinning arrangement

>>> The Okavango Delta which is shared with Namibia

89. Are those officers in your country's government responsible for AEWA implementation co-ordinated and engaged with national processes contributing towards the Aichi Targets and the assessment of achieving these targets? (AEWA Strategic Plan 2019-2027, Action 5.4(a))

Yes

90. Are those officers in your country's government responsible for AEWA implementation co-ordinated and engaged with national processes contributing towards the relevant Sustainable Development Goals and the assessment of achieving these goals? (AEWA Strategic Plan 2019-2027, Action 5.4(a))

Yes

Please provide details

>>> Specifically goal 14 and 15

91. Are those officers in your country's government responsible for AEWA implementation co-ordinated and engaged with national processes to implementation and assess the delivery of the Strategic Plan for Migratory Species 2015-2023? (AEWA Strategic Plan 2019-2027, Action 5.4(a))

Yes

92. Are the AEWA priorities incorporated into your country's National Biodiversity Strategies and Action Plan (NBSAP) and/or other similar strategic plans and policies (Resolution 6.3; AEWA Strategic Plan 2019-2027, Target 5.5)?

92.1 NBSAP

Yes

92.2 Other strategic plans and policies

Yes

Sustainable Development Goals

Yes

Please provide details

>>> Goal 14 and 15

Aichi Targets

Yes

Strategic Plan for Migratory Species

Yes

94. How would your country suggest promoting further links between the biodiversity MEAs to which your country is a Contracting Party, so as to make your work more efficient and effective?

>>> Have a ministerial MEA office to link all the biodiversity agreements.

95. Has your country donated funds to the AEWA Small Grants Fund (SGF) over the past triennium? (Resolution 7.1)

No

96. Has your country donated other funding or provided in-kind support to activities coordinated by the Secretariat?

No

97. Has your country prioritised and allocated a Junior Professional Officer (JPO) to the UNEP/AEWA Secretariat for Technical Committee support or for any other area of work? (Resolution 7.11, Resolution 7.12)

No and has not been prioritised

98. Please report on the implementation of Resolution 6.21 on Resource mobilisation for the implementation of AEWA.

98.1 Did your country's government provide in the last triennium financial and/or in-kind resources to support national activities which are intended to achieve the objectives of this Agreement, particularly those in line with the AEWA Strategic Plan including the AEWA Plan of Action for Africa, and in accordance with your national plans, priorities and programmes?

No

98.2 Does your country's government have unpaid dues to the AEWA Trust Fund (annual assessed contributions to the Agreement's budget as approved by each session of the Meeting of the Parties)?

No

98.3 Has your country's government provided funding to support developing countries, in particular least

developed countries and small island developing States, as well as countries with economies in transition, to meet their obligations under AEWA, and the implementation of the AEWA Plan of Action for Africa 2019-2027? Under this question please report for support provided outside of formal and established intergovernmental cooperation. For the latter, please refer to the next question 98.4.

No

98.4 Does your country's government participate in any South-South, North-South or triangular cooperation to enhance financial and technical support for the successful implementation of AEWA activities?

No

98.5 Does your country's government use innovative financing mechanisms for implementing the AEWA Strategic Plan such as a (national) Migratory Waterbirds Fund?

No

98.6 Does the implementation of AEWA in your country benefit from synergies between biodiversity-related conventions at national level, amongst others, through information sharing on potential funding opportunities and sharing of financial resources such as the Desertification Fund, Green Climate Fund, the Adaptation Fund, and the Global Environmental Facility?

Yes

Please describe each synergetic arrangement and benefits acquired

>>> Bird Life Botswana secured funding from GEF to implement some activities in collaboration with the Department of Wildlife and National Parks and communities.

Pressures and Responses

10. Climate Change

99. Please outline relevant climate change research, assessments and/or adaptation measures that are relevant to migratory waterbirds and which have been undertaken or planned in your country. (Resolution 5.13)

a. Research and studies of climate change impacts on waterbirds

Undertaken

Please provide references or weblinks to any such work so as to facilitate their use as potential case-studies to assist other Contracting Parties

>>> University of Botswana conducts regular research on climate change in the Okavango Delta.

b. Assessment of the potential vulnerability to climate change of key habitats used by waterbird species (including those outside protected area networks) (Please note that the question asks about habitats, rather than sites. Question 41 in Section 5, sub-section 5.2 investigates vulnerability of sites to climate change)

Undertaken

Please provide references or weblinks to any such work so as to facilitate their use as potential case-studies to assist other Contracting Parties

>>> Okavango Delta and Makgadikgadi pan system

c. Assessment of the potential vulnerability of waterbird species to climate change.

Undertaken

Please provide references or weblinks to any such work so as to facilitate their use as potential case-studies to assist other Contracting Parties

>>> Okavango Research Institute a branch of the University of Botswana that deals with research.

d. Review of relevant national conservation policies relevant to waterbirds and climate change.

Undertaken

Please provide references or weblinks to any such work so as to facilitate their use as potential case-studies to assist other Contracting Parties

>>> Wildlife Conservation and National Parks Act, 1992

e. National Action Plan for helping waterbirds adapt to climate change (as a separate implementation process or as part of a larger national framework for biodiversity adaptation to climate change. Please note that Question 42 in Section 5, sub-section 5.2 investigates national measures for increasing resilience of the ecological network for waterbirds to climate change).

Undertaken

f. Other undertaken or planned relevant activities.

Yes

100. Has your country used the AEWA Conservation Guidelines on measures needed to help waterbirds to adapt to climate change?

Notice: Before clicking on the above hyperlink, please keep pressing the Ctrl button on your keyboard to open the link in a new tab.

Yes

Pressures and Responses

11. Avian Influenza

101. What issues have proved challenging in responding nationally to the spread of the Highly Pathogenic Avian Influenza (HPAI) in the last triennium and what further guidance or information would be useful in this respect?

List challenges

- >>> 1. Escape of birds that are held in captivity
- 2. Spread of diseases by migratory birds from other countries

12. Confirmation

Confirmation of information verification and approval for submission

Please confirm:

In addition a scanned copy of an official letter from the relevant state institution, approving the report for submission, can be attached.

I declare that the information provided in the Report on the implementation of AEWA for the period 2018-2020 has been verified and the report has been approved for submission by the appropriate state institution in the country.

Date of submission

>>> 23/04/2021