

AEWA EUROPEAN GOOSE MANAGEMENT PLATFORM



8th MEETING OF THE AEWA EUROPEAN GOOSE MANAGEMENT INTERNATIONAL WORKING GROUP



20-22 June 2023, Bonn, Germany

STATUS REPORT OF THE ADAPTIVE FLYWAY MANAGEMENT PROGRAMME (AFMP) FOR THE EAST GREENLAND/SCOTLAND & IRELAND POPULATION OF BARNACLE GOOSE

Prepared by EGMP Secretariat and Data Centre

Summary:

This document provides an overview of the East Greenland/Scotland & Ireland AFMP elements and related deliverables, status of the work and documents for the current 6-year cycle from 2020-2026. It includes an overview of the activities that are conducted on an annual and triannual basis, as well as the progress on activities that need to be completed by the end of the 6-year cycle.

The purpose of this document is to keep an overview of the AFMP implementation status and ensure that progress as well as any issues are tracked and identified. This overview shall be a dynamic document that is updated periodically and submitted to each EGMIWG meeting within the 6-year cycle.

Action requested from the EGM IWG:

The EGMIWG is requested to take note of the AFMP status report and provide further guidance to the Secretariat and Data Centre.

Moreover, the EGM IWG is requested to acknowledge the proposed timeline for the activities in Table 1 and agree on the following points:

1. Submission of flyway population size data from Ireland to the EGMP Data Centre as soon as possible;
2. Agreement on offtake scenarios, including possible levels of avian flu, which should be investigated during the assessment;
3. Discussion on use and way forward for damage impact models (see recommendations from the impact report, document AEWA/EGMIWG/Inf.8.15);
4. Outstanding from 2022/2023: Agreement reached on how to “coordinate” offtake when needed.

Introduction

The Adaptive Flyway Management Programme for the East Greenland/Scotland & Ireland population of Barnacle Goose (GBG AFMP) was first adopted for implementation by the European Goose Management International Working Group (EGM IWG) at EGM IWG5 in June 2020 and submitted for final adoption, including the pending sections, at EGM IWG6 in June 2021.

Implementation of the activities outlined in the AFMP has started in 2020. Several activities, including the annual workplan, have been discussed and implemented by the Barnacle Goose Task Force. These activities are reported separately in document AEWA/EGMIWG/8.11. The population status and assessment report of the East Greenland/Scotland & Ireland population of Barnacle Goose is provided in document AEWA/EGMIWG/8.8.

As described in the AFMP, the management evaluation and adaptation of the East Greenland/Scotland & Ireland population of Barnacle Goose follows four iterative phases running in parallel (Figure 1).

1. A 10/12 year cycle of the ISSMP (possible evaluation in 2028);
2. Two 6-year cycles of the AFMP and within the AFMP (possible evaluation in 2026);
3. Two 3-year cycles of monitoring of the total population size and assessing if the actual size of the population is below the 200% threshold and approaching the FRP (next in 2023);
4. 1-year cycles of monitoring in Scotland, Iceland and Greenland as well as update of work plans.

In Table 1 below, a full overview is given on the AFMP elements and related deliverables, status of the work and documents for the current cycle 2020-2026. In the next cycle of the AFMP, elements related to the 6-year cycle (with the exception of collection and evaluation of indicators and the annual workplans) are only evaluated and adapted if the Range States see a compelling reason for doing so and/or new scientific knowledge suggests a re-evaluation, unless otherwise is stated under the individual element in the table. If an evaluation shall take place, fiscal and staff resources must be in place unless otherwise is stated under the individual element in the table.

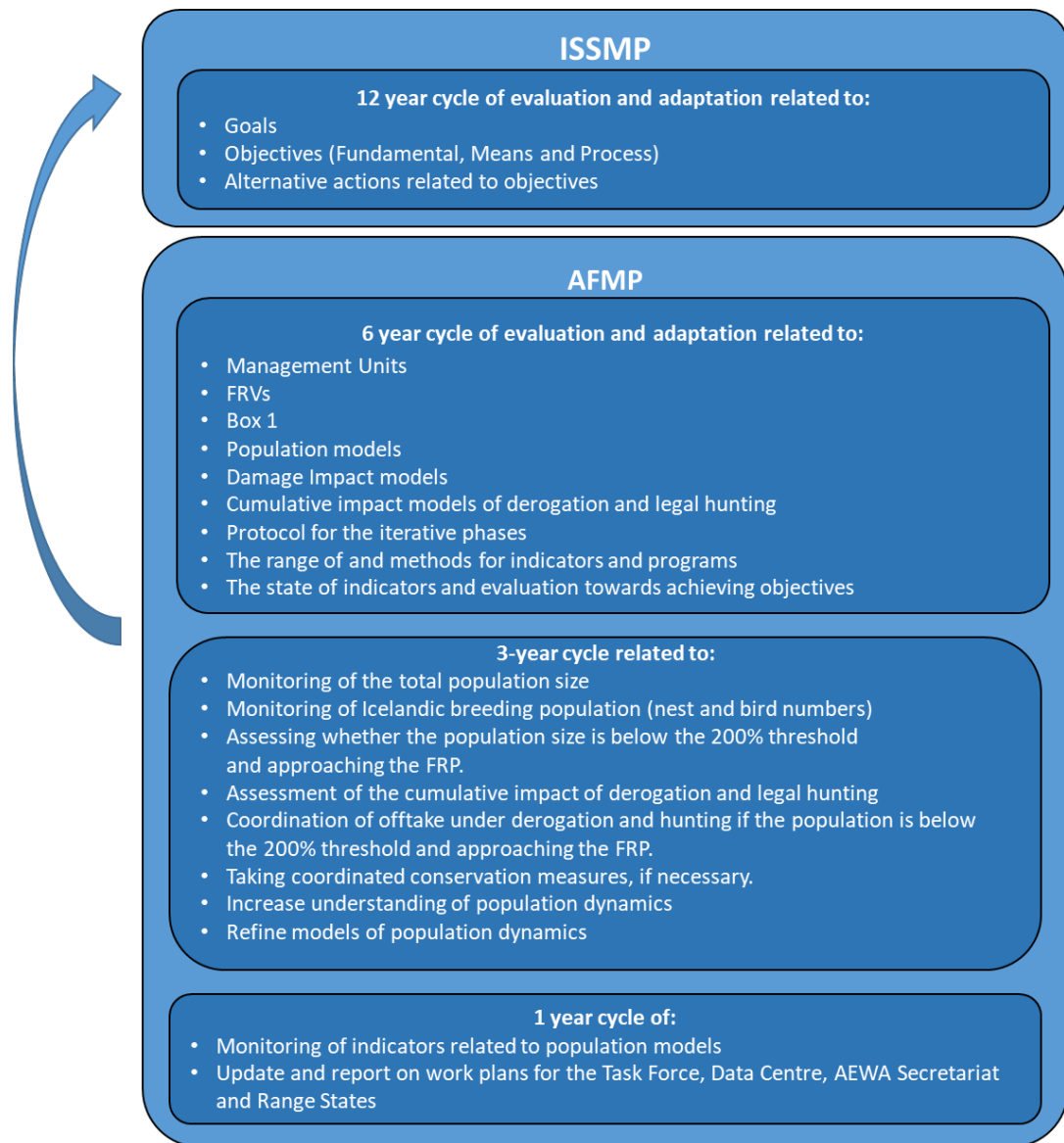


Figure 1. Flow chart of the management evaluation and adaptation of the East Greenland/Scotland & Ireland population of the Barnacle Goose taken from the GBG AFMP adopted at EGM IWG6 on 23 June 2021.

Table 1. Overview of AFMP elements and related deliverables, status of the work and documents for the current cycle 2020-2026. In the next cycle of the AFMP elements related to the 6-year cycle (with the exception of collection and evaluation of indicators point 4a as well as Annex 1: Annual workplans) are only evaluated and adapted if the Range States see a compelling reason for doing so and/or new scientific knowledge suggests a re-evaluation, unless otherwise is stated under the individual element in the table. If an evaluation shall take place, fiscal and staff resources must be in place, unless otherwise is stated under the individual element in the table. Cells highlighted in blue and **bold** text require additional decisions and/or funding and resources.

Process/Element	Deliverable	Status	Document	Funding
6-year cycle of the AFMP				
1. Definition of MUs	Agreement of one MU as of EGM IWG4 in Perth 2019	Finalised	AFMP	n/a
2. Definitions of Favourable Reference Values (FRVs)	Agreement of FRVs as of EGM IWG4 in Perth 2019	Finalised	AFMP	n/a
3. Cumulative impact of derogation and legal hunting	Population model	Finalised	AFMP	n/a
4a. Monitoring indicators and programmes (1. collection of data and 2. evaluation)	1. Collection of data for indicators: Every 3 years by 1 April for indicator: <ul style="list-style-type: none"> • I.1¹ By 31. Dec. 2025 <ul style="list-style-type: none"> • I.2², II.1³, III.1⁴, III.2⁵, III.3⁶, IV.1⁷, V.1⁸, VI.1⁹: 	For indicator I.1 “Population size” information is missing from Ireland. For indicator IV.1 “Habitat negatively affected” Range States will need to collect information from the organisations responsible for managing conservation areas on the damage caused by	EGMP Database + EGMP Indicator report (submitted for EGM IWG in June 2026).	Fiscal and personnel resources are in place.

¹ Population size compared to the Favourable Reference Population (FRP)

² Range extent compared to Favourable Reference Range (FRR)

³ Relative change in damage payments

⁴ Risk of zoonotic influenza transmission to the general public

⁵ Number of bird strikes with aircrafts caused by Barnacle Goose

⁶ Number of Barnacle Geese passing over commercial airports

⁷ Area of natural habitat or habitat of threatened species negatively affected by Barnacle Goose

⁸ Number of people enjoying watching geese

⁹ Relative change in cost of goose management

	2. Evaluation of the state of these and towards achieving objectives is done every 6-years, thus by 2026.	Barnacle Goose two times during the lifetime of this AFMP. Evaluation of the state of these and towards achieving objectives are done by the EGMP Data Centre in the period up to the EGM IWG meeting in 2026.		
4b. Monitoring indicators and programmes	Development and evaluation of the range and methods for indicators and programmes	Finalised	AFMP	n/a
5. Protocols for the iterative phases	Protocols for: 1. Indicators related to objectives; 2. Indicators related to population model; 3. Offtake assessment; 4. Damage impact assessment.	1. Protocol for collection indicators related to objectives is available under factsheet in the AFMP, however the assessment of the indicators needs to be agreed latest at EGM IWG 2025. 2. Protocol for collection and use of indicators related to population models is available at the EGMP database. 3. Protocol for offtake assessment including range of scenarios and agreement of offtake coordination is missing. 4. Protocol for the damage impact assessment are awaiting agreements on use.	AFMP EGMP Database	Fiscal and personnel resources are in place. Depending on the discussions at EGM IWG8

Annex 1: Annual workplans	Annual workplans	Workplans reviewed and updated by the Task Forces annually and reported to the EGM IWG. Every second year, reporting on the workplans will be conducted via the EGMP National Reports.	TF report and recommendations Next EGMP National Reports to be submitted to EGM IWG10 in June 2025	Fiscal and personnel resources are in place.
Annex 2. Box 1 of the ISSMP for the Barnacle Goose	Box 1 report	Finalised	AFMP	n/a
Annex 3. Population models	See point 3	See point 3	See point 3	See point 3
Annex 4. Impact models	Development of damage impact models. Compilation of the report and evaluation of use before EGM IWG8 2023.	Model and report finalised. Discussion on use and way forward at EGM IWG8. Suggested way forward will be updated here.	AFMP + EGMP Impact report (submitted for EGM IWG8 in June 2023)	Fiscal and personnel resources are in place. Depending on the discussions at EGM IWG8
Annex 5. Indicator factsheet	See point 4	See point 4	See point 4	See point 4
Annex 6. Protocol for the iterative phase	See point 5	See point 5	See point 5	See point 5
3-year cycle within the AFMP				
Process	Deliverable	Status	Document	Funding
The state of population size and Icelandic breeding population	Triannual updates of raw data on the EGMP Database . Update on model estimates at Gitlab EGMP . A compilation is presented in the EGMP Population Status and Assessment Report	Triannual update of raw data, next in 2023. Annual updates of model estimates and compilation in the EGMP Population Status and Assessment Report.	Raw data: EGMP Database Model estimates: EGMP Gitlab EGMP Population Status and Assessment Report	Fiscal and personnel resources are in place to collect and compile monitoring information. The EGMP Data Centre provide annual model estimates in years between assessment

		Information is missing from Ireland, and model estimates cannot be provided.		
Assessment of 200% threshold of the FRP	Triannual update of the EGMP Population Status and Assessment Report	Information is missing from Ireland, and the assessment cannot be done.	EGMP Population Status and Assessment Report	Fiscal and personnel resources are in place. The assessment is done by the EGMP Data Centre.
Assessment of the cumulative impact of offtake	Triannual update of the EGMP Population Status and Assessment Report	Information is missing from Ireland, and the assessment cannot be done.	EGMP Population Status and Assessment Report	Fiscal and personnel resources are in place. The assessment is done by the EGMP Data Centre.
Coordination of offtake if the population is below 200%	To be decided by the EGM IWG	Latest population size estimate from 2021 is below the 200% population threshold of the FRP.	EGMP Population Status and Assessment Report 2021	Depends on what is decided by the EGM IWG
Taking coordinated conservation measures, if necessary.	To be decided by the EGM IWG	Coordination of offtake is recommended based on latest assessment from 2021	EGMP Population Status and Assessment Report 2021	Funded by National initiatives
1-year cycle within the AFMP				
Process	Deliverable	Status	Document	Funding
Monitoring of indicators related to population models	Annual update of raw data on the EGMP Database . Update of model estimates at Gitlab EGMP . A compilation is presented in the EGMP Population Status and Assessment Report	Information is missing from Ireland, and model estimates cannot be provided.	Raw data: EGMP Database Model estimates: EGMP Gitlab EGMP Population Status and Assessment Report	Fiscal and personnel resources are in place to collect and compile monitoring information.
Update and report on work plans for the Task Force, Data Centre, AEWA Secretariat and Range States	<ul style="list-style-type: none"> Annex 1 in AFMP for Task Force workplan AEWA Secretariat and DC Report 	Review annually by Task Force, Data Centre, AEWA Secretariat and Range States	<ul style="list-style-type: none"> Annex 1 in AFMP AEWA Secretariat and DC Report 	Fiscal and personnel resources are in place.