



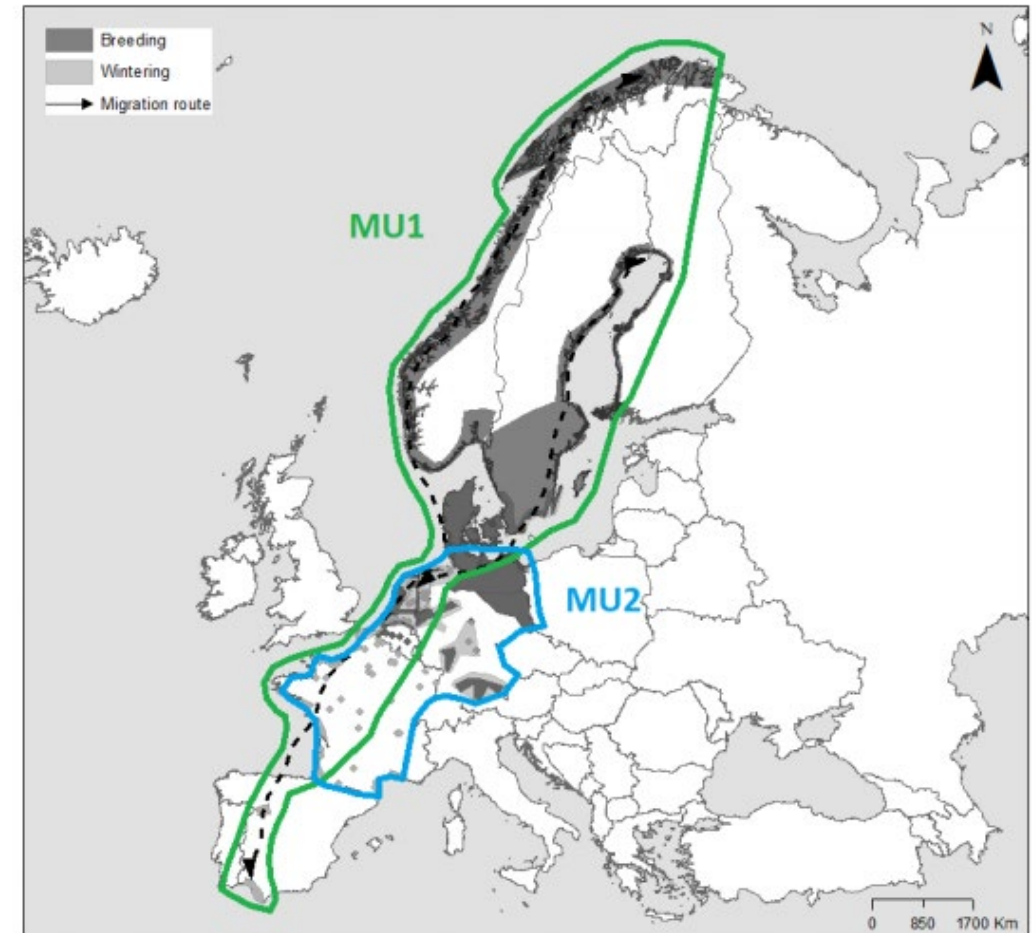
Greylag Goose Session

Status of the NW/SW European Greylag Goose population

Document title
Doc. AEWA/EGMIWG/XX

Population counts

- Migratory MU1
- Sedentary MU2
- MU1 and MU2 are mixed during winter
- International Waterbird Census counts during winter
- Only counts in MU2 during the breeding season
- Population indices (common bird monitoring) during summer (in MU1 and partly in MU2)



Winter counts

- The total number in this winter population is estimated at 800,000- 1,000,000 geese
 - 800,000 (EGMP totals) and 1,000,000 (imputed totals from the International Waterbird Census (IWC))
 - The growth rate (2011-2020) was estimated at 1.01 (95% ci 1.005-1.011). rowth rate has decreased but still remains positive.

Table 4.3. Numbers of Greylag Geese in January 2019-2020 based on EGMP national totals.

Country	2019	2020
Norway	NA	500
Sweden	55,710	49,545
Denmark	86,553	90,500 (provisional)
Germany	NA	NA
The Netherlands	443,771	452,268
Belgium	15,784	12,132
France	13,977	15,434
Spain	48,672	17,856 (Regions of Andalusia, Aragon and Castilla y Leon)

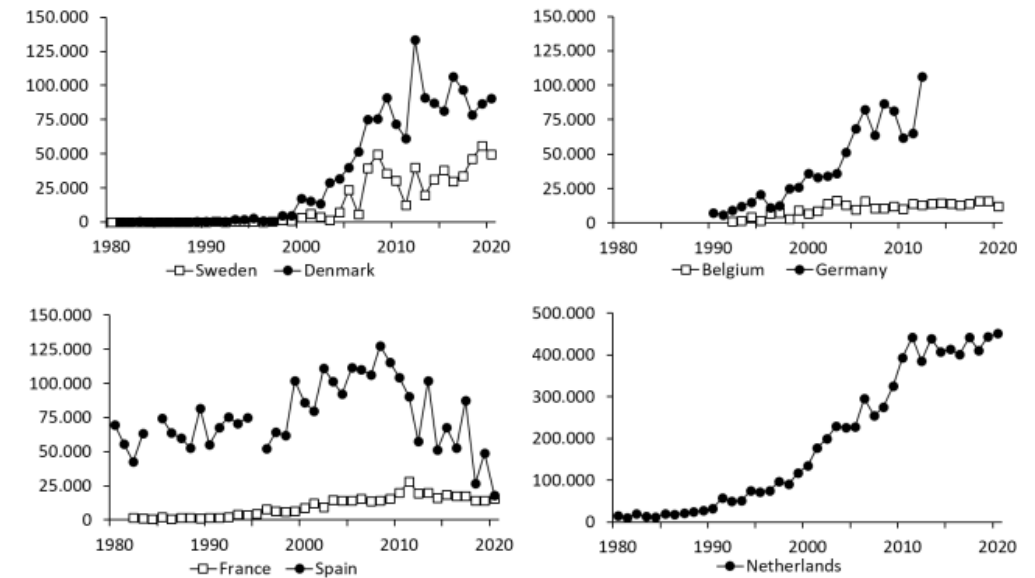
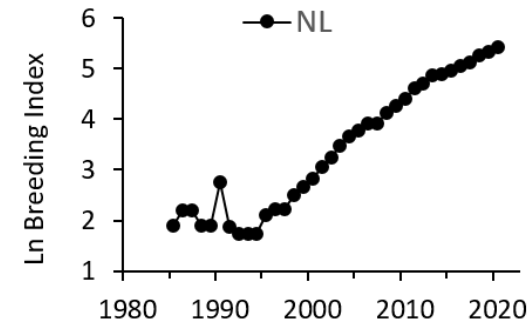
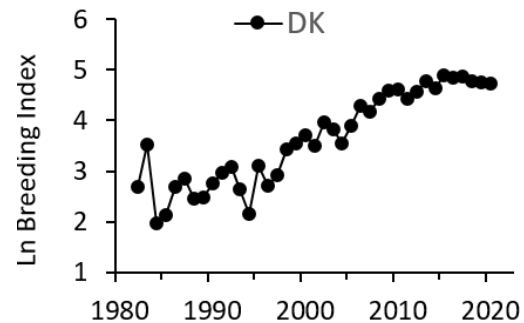
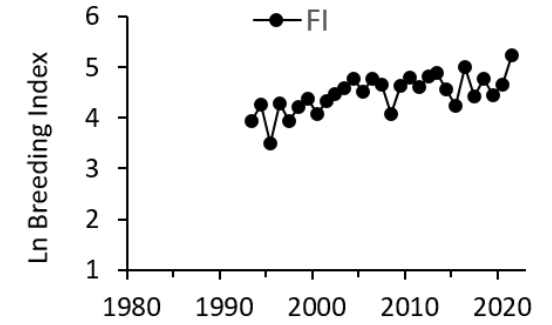
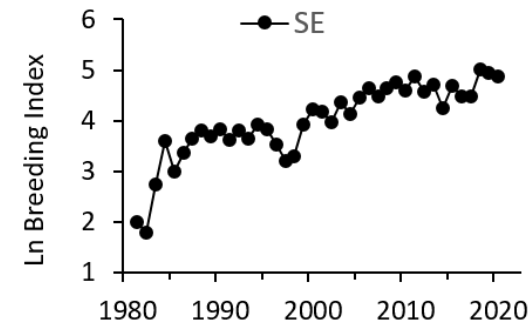
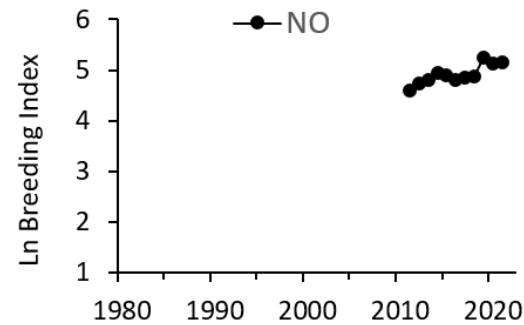


Figure 4.2. Number of Greylag Geese per range state in January 1980-2020 based on EGMP national totals. Note different scale for the y-axis for The Netherlands.

Breeding bird indices

- Still increasing in NL
- Stabilizing elsewhere
- No information from DE



Offtake

- Harvested numbers during the hunting season: min. 98,180
 - data missing from France and Germany gives a total of at least 253,687 Greylag geese being killed in 2019
- The numbers killed under derogation in 2019: min. 155,507
 - data is missing from Germany and 2 out of 12 Dutch provinces
- A total of at least 253,687 Greylag geese being killed in 2019

New monitoring initiatives

Main messages from the IWG5 regarding Greylag Geese:

1. Improving the offtake monitoring
 - Questionnaire in autumn 2020
2. Initiating post-breeding summer counts
 - The Fennoscandian Greylag Geese Initiative (FGGI) are developing a Species Distribution Model to realize where to count greylags – starting in August 2021
3. Initiating a capture program
 - Ongoing activities in some countries already. New initiatives in others



Info-gap model --> Dynamic and model-based management in 2023

- Mid-winter population counts for each range state;
- Breeding pairs/Summer counts per range state;
- Offtake per range state (harvest + derogation),
 - distinguished between "breeding" period (1 February-31 July) and "post-breeding" period (1 August-31 January);
- Crippling rate for the same periods as offtake;
- Survival rates from Multi-state Capture-Marking-Resighting (CMR) analysis