

Stop flying blind

 the need for better data coordination to support the sustainable management of migratory waterbirds in Europe

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On behalf of the Waterbird Harvest Specialist Group of Wetlands International









Towards sustainable management of huntable migratory waterbirds in Europe

A report by the Waterbird Harvest Specialist Group of Wetlands International



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What's the problem? Status of huntable waterbirds in the EU (Annex II species)





Principles of sustainable exploitation

- Sustainable harvesting depends on:
 - Management objectives that are congruent with the renewal capacity of the resource
 - Ability to effectively regulate harvest
 - Understanding of the biological system
 - Understanding of responses to intrinsic (density dependent) and extrinsic (environment, harvest) factors





Biological minimum information requirements to ensure sustainability of harvest:

- Population delineation research projects / IWC
- Population estimate IWC
- Population growth rate research projects / IWC
- Form of density dependence research projects
- Levels of harvest Individual Member States

Additional useful information: demographic data on survival and reproduction



Problems with data collection, geographic coverage, flow, synthesis

- Geograhical coverage
 - Maintenance of waterbird observation networks
 - Climate change driven changes in waterbird distributions
 - Capacity to collect harvest information
- Flow and synthesis
 - Lack of centralised facility
 - Speed of processing, nationally, internationally



As long as we do not have this information we will keep flying blind





We can do better...!

- Adaptive harvest management framework
- Flyway level coordination and assessment
 - there's a lot of data out there!
 - increase use of modern technologies









My Hunt – personal harvest diary with multiple benefits for hunters and wildlife administration





First European adaptive management plan for a migratory waterbird: the Svalbard pink-footed goose







Annual routines in adaptive harvest management - tuning monitoring to fit the purpose





ALT THE

SCIENCE FOR THE ENVIRONMEN 2015



Predicted population trajectory





10-7107

SCIENCE FOR THE ENVIRONMENT 2015

Predicted population trajectory with increased harvest (15,000 per year)





population 2014/15 – Harvest









Status of the Svalbard pinkfoot population 2014/15 – population size





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Plan process leads to engagement



Danmarks Jægerforbund har gennemført en række kurser i Jylland for at optimere effektiviteten af jagten på den stigende bestand af kortnæbbede gæs. Kort sagt skal der "tages ved", når man jager – og så skal der være jagtfred på en del af området.

www.jargerferbundet.ch



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International Working Group

(Range state reps, stakeholders, AEWA, EU...)

Management framework, Prioritisation, Recommendation, Knowledge exchange

