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Conservation Status pledges
Preliminary analysis – Baltic marine region
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Natura 2000 Biogeographical Process in the Marine Regions

Preliminary analysis

Pledges received

Analysis methods

Overview

Member states and marine regions

Member State	Baltic	Atlantic
Sweden	X	X
Finland	X	
Estonia	X	
Latvia	X	
Lithuania	X	
Poland	X	
Germany	X	X
Denmark	X	X

Member states – conservation status pledges received*

Member State	Baltic	
	HD	BD
Denmark		✓
Germany	✓	✓
Sweden	✓	✓

*Member States are still updating their pledges

Analysis – conservation status

Conservation status targets concern terrestrial and marine features

This analysis looking at marine features only

Overall assessment – all features – carried out and presented separately

Analysis – habitats and species

Only preliminary results as Member States are still updating their pledges

Compare pledges and targets with current conservation status

Analysis – habitats and species

Determine relevant marine habitats and species

- for member state…
- …by biogeographical region

Analysis – habitats and species

Determine current conservation status* of each feature

- FV – favourable

- XX – unknown

- U1 – unfavourable, inadequate

- U2 – unfavourable, bad

*Overall assessment status

Analysis – habitats and species

Pledges and targets for each feature

- 30% – status improvement target

- non-det – non-deterioration target

- UNKN – target to address unknowns

- Unlikely – non-deterioration target unlikely to be achieved

- N – no target specified

See Annex 2 of background document for full tables

Analysis – birds

Only preliminary results as Member States are still updating their pledges

As for habitats and species

- additional step to assess bird species that are largely marine

- pledges and status assessments not made by biogeographical region

Compare pledges and targets with current population trend

Analysis – birds

Determine bird species

- for Member States
- identify which are largely marine in nature

Analysis – birds

Determine current conservation status* of each species

D – Decreasing   I – Increasing

S – Stable   U – Uncertain

Unk – Unknown   F – Fluctuating

Note: there may be more than one assessment for any bird species (e.g. if there are different breeding and wintering populations). Each assessment is counted as a separate datapoint

*Population trend

Analysis – birds

Pledges and targets for each feature

- 30% – status improvement target

- non-det – non-deterioration target

- UNKN – target to address unknowns

- Unlikely – non-deterioration target unlikely to be achieved

- N – no target specified

See Annex 2 of background document for full tables

Analysis – summary in Sankey diagrams

Member State	Baltic	
	HD	BD
Denmark		✓
Germany	✓	✓
Sweden	✓	✓

Sankey diagrams – how they work

Show links between status and targets

Conservation status on left
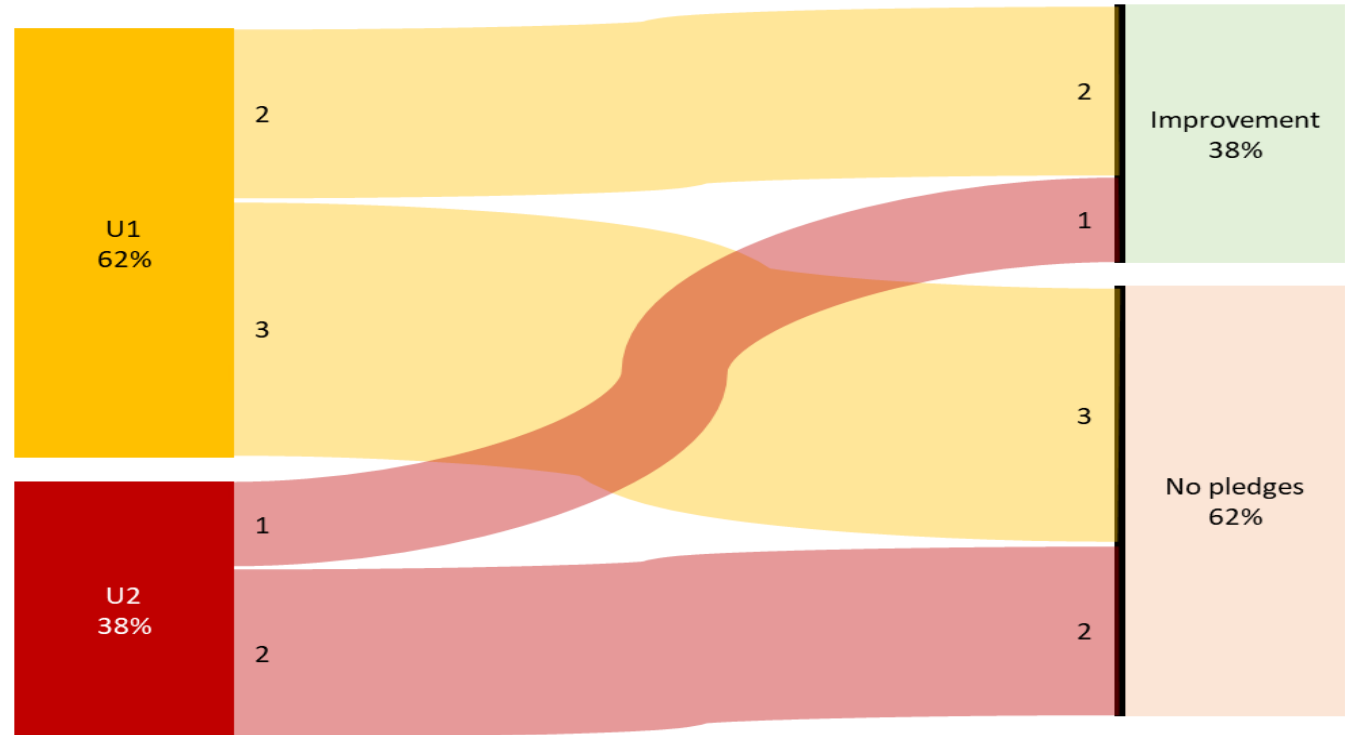Habitats and species combined
Pledge targets on right
Broad bands show relationships:
U1 – two features for improvement
U2 – one feature for improvement

Summarise progress and opportunities

Germany - marine habitats and species - MBAL (n=8)

Sankey diagrams – how they work

Same for marine bird species
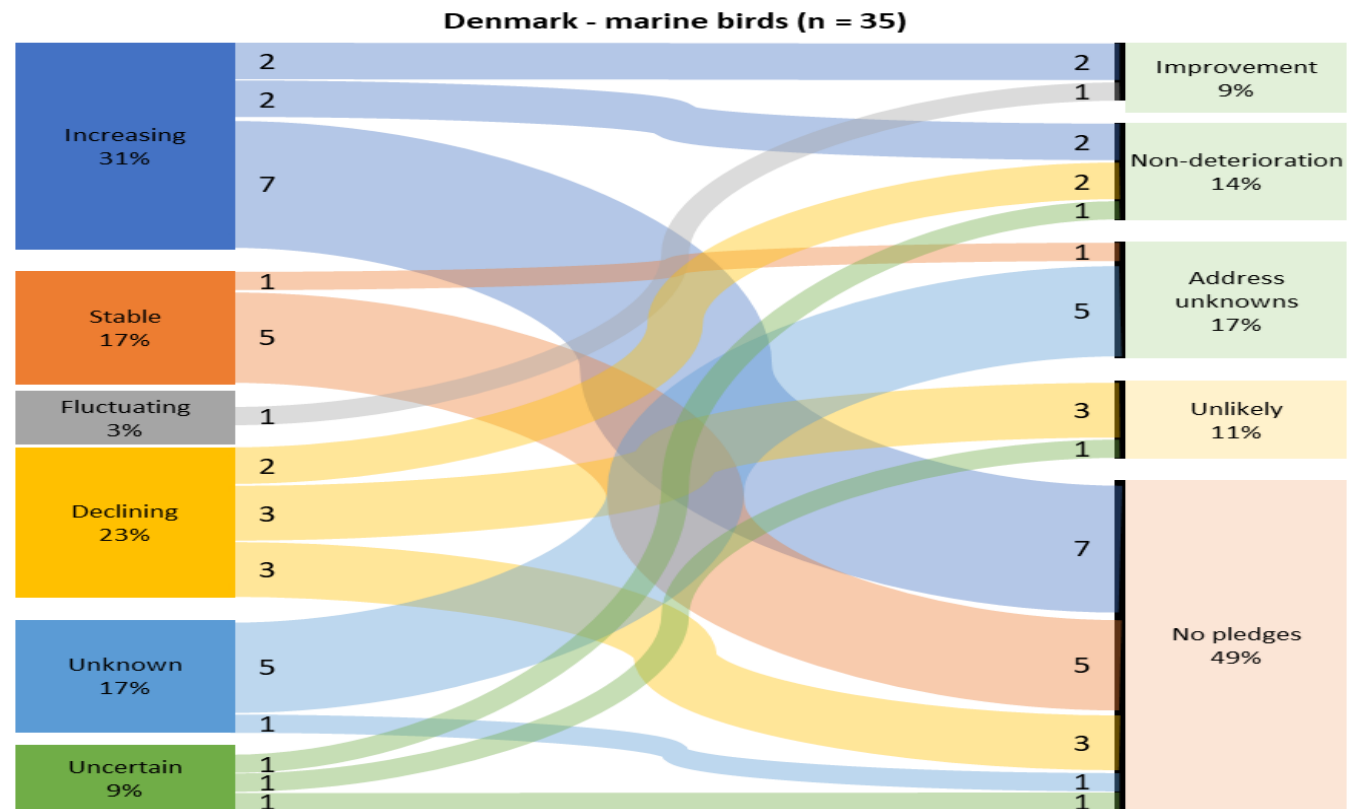
Population trends on left
Pledge targets on right
Broad bands show relationships:
    Increasing – 7 spp. no pledge
    Fluctuating – 1 sp. improvement

Summarise progress and opportunities

Denmark - marine birds (n = 35)

Measures – making a difference

Pledge input includes measures for

      Improvement

      Non-deterioration

      Addressing unknowns

Future analysis will include assessment of ambition of measures

Greater level of detail would be useful…

…how will each measure help?

Overview

- All Sankey diagrams in background document

- Analysis only preliminary as MS continue to develop pledges

- Aspects of CS targets (e.g. 30% improvement) must include terrestrial…

- …can't work out distance to target on marine alone

- Analysis methods will develop as more pledges received…

- …including biogeographical summary

- …and assessment of measures

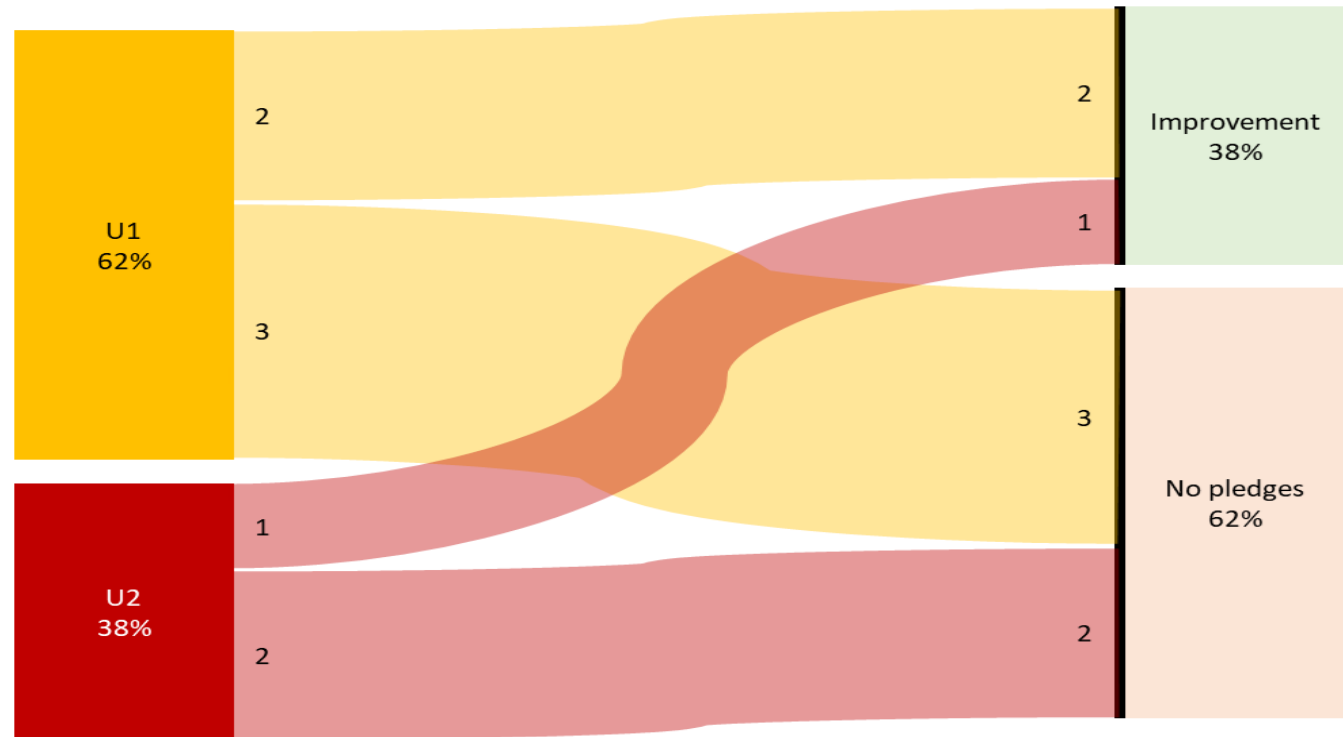# Thank you!

https://biogeoprocess.net/

https://twitter.com/MarineAreasBGP

Natura 2000 Biogeographical Process in the Marine Regions

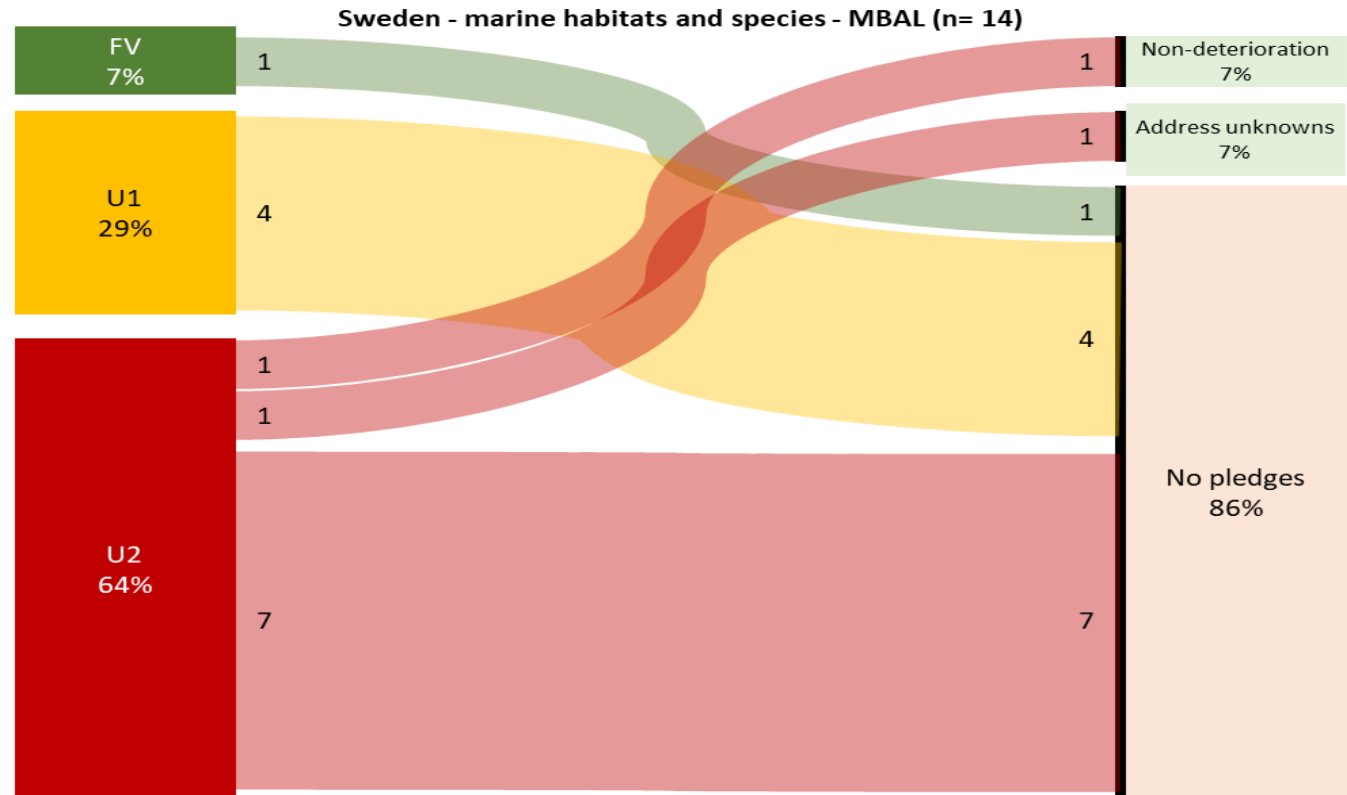# Germany (MBAL) – habitats and species

Germany - marine habitats and species - MBAL (n=8)

- Eight features
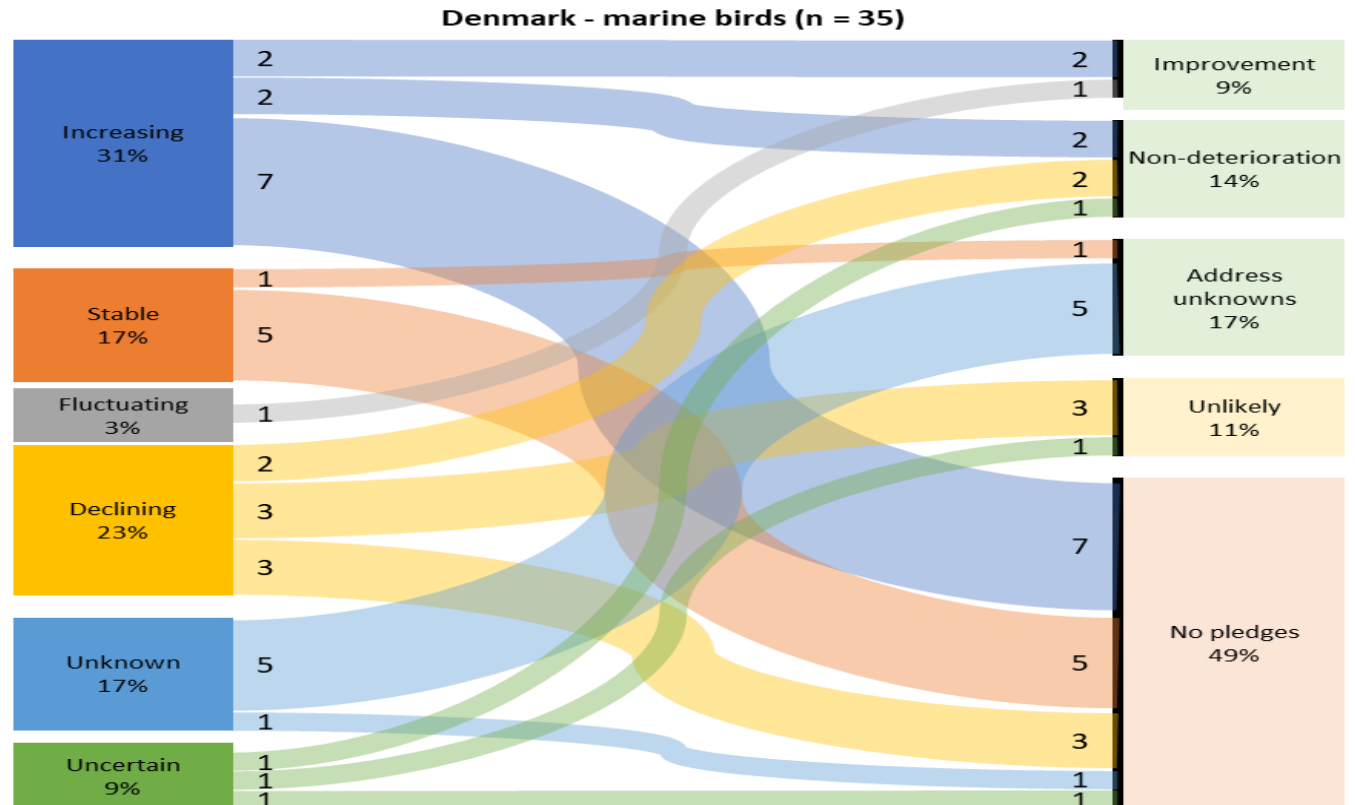 - All unfavourable
- Three improvement pledges

Sweden (MBAL) – habitats and species

Sweden - marine habitats and species - MBAL (n= 14)

- 14 features
  - One favourable
  - 13 unfavourable
- 1 non-deterioration
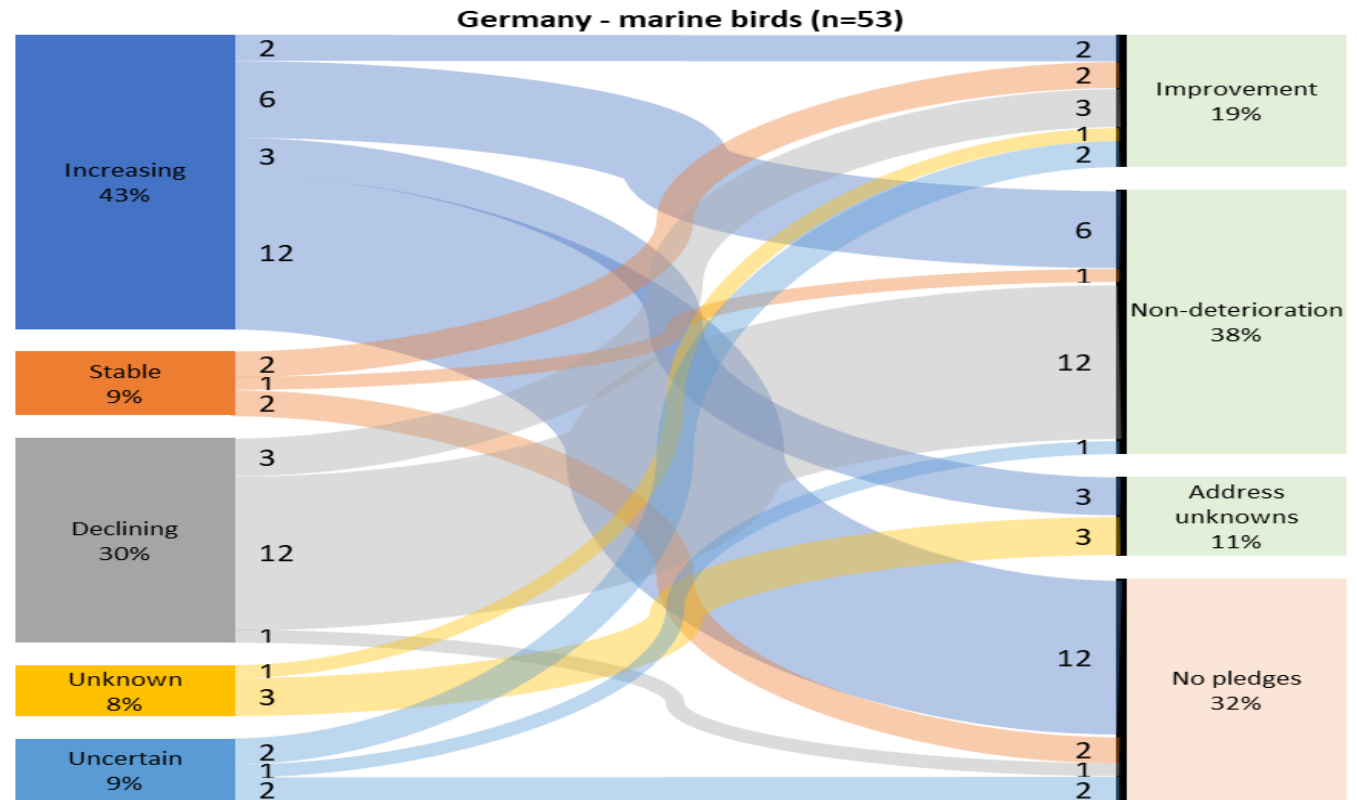- 1 address unknowns
- 12 no pledges

Denmark – marine birds

- 35 species
  - 48% increasing or stable
  - 26% fluctuating or declining
  - 26% unknown or uncertain
- 23% positive targets
- 17% address unknowns
- 60% no pledges or non-deterioration unlikely to be achieved

Denmark - marine birds (n = 35)

Germany – marine birds

- 53 species
  - 52% increasing or stable
  - 30% declining
  - 17% unknown or uncertain
- 57% positive targets
- 11% address unknowns
- 32% no pledges

Germany - marine birds (n=53)

Sweden – marine birds

Sweden - marine birds (n = 58)

- 58 species
  - 55% increasing or stable
  - 33% fluctuating or declining
  - 12% unknown or uncertain
- no positive targets
- 2% address unknowns
- 99% no pledges or non-deterioration unlikely