

Assessing the Inclusion of Wetlands in National Biodiversity Strategies and Action Plans



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# 1. Introduction

# Background

**1.1** 35percent Ltd were appointed by Wetlands International to undertake a review of the inclusion of wetlands within National Biodiversity Strategies and Action Plans (NBSAPs) submitted Post-COP15 of the Convention on Biological Diversity (CBD) ahead of COP16 in Colombia.

**1.2** Decision 15/6 of the fifteenth meeting of the CBD Conference of Parties requested Parties to revise and update their NBSAPs in accordance with Article 6 of the CBD, aligning with the Kunming-Montreal Global Biodiversity Framework (KM-GBF) and its goals and targets, including those related to means of implementation, and to submit them through the clearing house mechanism by COP16.

**1.3** The purpose of this assessment was to provide a picture of how wetlands have been incorporated into Post-COP15 NBSAPs. By doing so, it is hoped it will raise awareness of the critical importance of wetland conservation and restoration in implementing the Biodiversity Plan, highlight examples of where countries are embracing this potential, and encourage bolder wetland action.

**1.4** This report sets out how the assessment was undertaken and provides analysis of the results.

# 2. Methodology

2.1 All Post-COP15 NBSAPs, that were submitted through the clearing house mechanism of CBD up to 8th October 2024, were analysed to determine whether wetlands were included and how they were included. The NBSAPs reviewed are shown in Table 1.

Country	Date NBSAP Received
Spain	30/01/2023
Luxembourg	07/11/2023
Japan	11/07/2023
Hungary	28/08/2023
France	11/12/2023
European Union	14/11/2023
China	25/01/2024
Ireland	08/02/2024
Austria	03/05/2024
Uganda	18/05/2024
Canada	21/06/2024
Italy	09/07/2024
Suriname	16/07/2024
Afghanistan	28/07/2024
Malaysia	28/07/2024
Cuba	31/07/2024
Jordan	11/08/2024
Burkina Faso	15/08/2024
Republic of Korea	02/08/2024
Мехісо	22/08/2024
Slovenia	24/09/2024
Malta	23/09/2024
Australia	27/09/2024
Indonesia	12/09/2024

#### 2.2 NBSAPs were assessed for the following:

- Number of NBSAPs submitted and number per Convention on Wetlands region.
- Explicit mentions of the terms 'wetlands, inland waters or freshwater' within NBSAP targets and indicators. Total number of mentions and percentage of the total NBSAPs submitted were calculated. These data were then broken down per Convention on Wetlands region.
- Explicit mention of specific wetland types within NBSAPs targets and indicators. Total numbers of mentions and percentage of total NBSAPs submitted were calculated and broken down for each target. The specific wetland types searched for were the following and included similar or associated names of wetland habitats to these broad categories:

#### Marine / coastal wetlands

- 1 Coral reef
- 2 Mud flat or tidal flat
- 3 Mangrove
- 4 Saltmarsh
- 5 Coastal lagoon
- 6 Estuary

#### **Inland wetlands**

- 7 River, stream or creak
- 8 Wet grassland
- 9 Wet woodland
- 10 Lake
- 11 Marsh / pond
- 12 Peatland
- 13 Cave

#### Human-made wetlands

- 14 Aquaculture pond
- 15 Irrigated agriculture wetland e.g. rice paddy
- 16 Reservoir
- 17 Canal
- 18 Water treatment wetland
- 19 Urban park pond
- To give a fuller picture of the inclusion of wetlands within NBSAPs, data sets were combined to record any
  explicit mention of wetlands, inland waters, freshwater or specific wetland types mentioned in NBSAP targets and indicators. This gave a more accurate record of how wetlands have been included within NBSAPs.
  Total numbers of mentions and percentage of total NBSAPs submitted were calculated and broken down
  for each target.
- Number of NBSAPs submitted and number per Convention on Wetlands region.
- Explicit mentions of the following important wetlands within NBSAPs were also recorded:
  - 1 West Siberian Lowland
  - 2 Amazon River Basin
  - 3 Hudson Bay Lowland
  - 4 Congo River Basin

- 5 Mackenzie River Basin
- 6 Parana-Paraguay wetland system which includes the Pantanal, the Iberá Marshes and the Parana

Delta

- 7 Mississippi River Basin
- 8 Lake Chad Basin
- 9 River Nile Basin
- 10 Prairie Potholes
- 11 Magellanic Moorland
- 12 Sunderbans
- 13 Yellow Sea
- 14 Dongting Lake
- 15 Chilika
- 16 -Tonle Sap
- 17 Mai Po
- 18 Aral Sea
- 19 High Andean Wetlands
- 20 Inner Niger Delta
- 21 Sourou floodplain of the Volta River
- 22 Lake Magui
- 23 Lake Chad (basin)
- 24 Congo river basin
- 25 Sahel
- 26 Victoria Falls
- 27 Danube Delta
- 28 Camargue
- 29 Doñana
- 30 Vjosa River
- 31 Kakadu

**2.3** It should be noted that the terms wetlands, inland waters or freshwater and specific wetland types are often included in the introductory sections of NBSAPs, particularly when Parties are describing the biodiversity and habitats found within a country. However, this does not always mean that explicit mentions of wetlands are included in the targets and indicators.

**2.4** Generic targets, for example that state that 30% of all degraded habitats would be restored 2030, are likely to include wetlands but if wetlands were not explicitly mentioned then they were not included in the analysis.

**2.5** For the purposes of this assessment only explicit mentions of the terms wetlands, inland waters or freshwater or explicit mention of specific wetland types within NBSAP targets and indicators have been recorded.

**2.6** In many NBSAPs it is clear how national targets can be mapped across to the KM-GBF targets. However, in some NBSAPs this is not made clear so assumptions have been made by the authors, within the analysis, regarding the KM-GBF target a specific national target is related to.

# 3. Results

# Submitted NBSAPs

**3.1** 24 Post-COP15 NBSAPs have been submitted to the CBD clearing house mechanism to date (10/10/24). This represents 12% of the 196 of Parties to the CBD. Appendix I contains the data for the analysis presented and summarised in this report.

**2.4** The regional split of Parties that have submitted NBSAPs is shown in Table 2, with Europe having submitted the highest number of 10.

#### Table 2 – NBSAPs submitted per region

Region	NBSAPs submitted
Asia	7
Africa	2
Oceania	1
North America	2
Latin America and the Caribbean	2
Europe	10

### NBSAPs that mention wetlands, inland waters or freshwater

**3.3** 83% of the submitted NBSAPs explicitly mention the terms wetlands, inland waters or freshwater in their targets or how they will be measuring their targets. 17% do not explicitly mention wetlands, inland waters or freshwater but it should be noted that this does not mean their targets do not include wetlands, inland waters or freshwater it is just that they are not explicitly mentioned in the target or how the target is measured.

**3.4** In terms of region the percentage of NBSAPs that explicitly include mention of wetlands, inland waters or freshwater in their targets or how the targets will be measured is shown in the Table 3 indicating that 100% of the Africa and Oceania NBSAPs mentioned the terms.

Region	NBSAPs that explicitly mention wetlands, inland
	waters or freshwater
Asia	71%
Africa	100%
Oceania	100%
North America	50%
Latin America and the Caribbean	50%
Europe	90%

#### Table 3 – Percentage of NBSAPs that explicitly mention wetlands, inland waters or freshwater per region

**3.5** The number of NBSAPs, and the percentage of the total submitted, that explicitly mention wetlands, inland waters or freshwater in a target or how they plan to measure the target is shown in Table 4 below.

Table 4 – Number and percentage of NBSAPs that explicitly mention wetlands, inland waters or freshwater against each KM-GBF Target

KM-GBF Target	Number of NBSAPs that mention wetlands, inland waters or fresh- water	Percentage of the total NBSAPs submitted that mention wetlands, inland waters or freshwater
Target 1	10	42%
Target 2	17	71%
Target 3	12	50%
Target 4	3	13%
Target 5	1	4%
Target 6	1	4%
Target 7	7	29%
Target 8	6	25%
Target 9	0	0%
Target 10	4	17%
Target 11	1	4%
Target 12	2	8%
Target 13	1	4%
Target 14	2	8%
Target 15	0	0%
Target 16	0	0%
Target 17	0	0%
Target 18	1	4%
Target 19	1	4%
Target 20	0	0%
Target 21	2	8%
Target 22	0	0%
Target 23	0	0%

**3.6** Wetlands, inland waters or freshwater, within the NBSAPs submitted, are included within national targets or how they are measured related to 16 of the KM-GBF targets. National targets or how they are measured include wetlands, inland waters or freshwater most frequently under KM-GBF Target 1, Target 2 and Target 3 as they are mentioned within 42%, 71% and 50% of the NBSAPs submitted, respectively.

**3.7** Of the 17 (71% of total) NBSAPs that mention wetlands, inland waters or freshwater within Target 2 on restoration, five (29%) have an area restoration target, four (24%) have a km target for river restoration, two (12%) have a percentage target for restoration and five (29%) have a target that involves the number of networks established, management plans implemented or clean ups of ecosystems delivered.

**3.8** Of the 12 (50% of total) NBSAPs that mention wetlands, inland waters or freshwater within Target 3 on protected areas, three (25%) state a target to increase the number of protected areas, five (42%) state a percentage increase target and three (25%) state there is a target to increase identification of suitable protected areas.

### NBSAPs that mention specific wetland types

**3.9** 16 NBSAPs submitted mention specific wetland types in their targets or how the targets will be measured. In terms of region, the percentage of NBSAPs that mention specific wetland types in their targets or how the targets will be measured is shown in Table 5.

Region	NBSAPs that mention specific wetland types
Asia	21%
Africa	4%
Oceania	0%
North America	4%
Latin America and the Caribbean	8%
Europe	29%

#### Table 5 – Percentage of NBSAPs that mention specific wetland types per region

**3.10** Table 6 illustrates the number of NBSAPs submitted that mention a specific wetland type against each of the KM-GBF targets. Whilst Table 7 provides the percentage of the total NBSAPs submitted that mention a specific wetland type against each KM-GBF target.

**3.11** Target 2 has the largest number of specific wetland types mentioned with 11 different wetland types mentioned within NBSAP national targets or how the targets are to be measured. Target 10 has eight different wetland types mentioned within NBSAP national targets or how the targets are to be measured, Target 7 and Target 11 have seven different wetland types and Target 3 six different wetland types. The most frequently mentioned wetland types, within NBSAP national targets or how the targets are to be measured, against KM-GBF targets are mangrove (8 targets), river (8 targets), lake (8 targets), coral reef (7 targets), marsh / pond (6 targets) and peatland (6 targets).

### NBSAPs that mention wetland, inland waters, freshwater or specific wetland types

**3.12** 23 out of the 24 NBSAPs submitted by Parties mention wetland, inland waters, freshwater or specific wetland types in their national targets or how the targets will be measured. Table 8 provides the percentage of NBSAPs submitted, per region, that mention wetland, inland waters, freshwater or specific wetland types.

**3.13** The number of NBSAPs, and the percentage of the total submitted, that explicitly mention wetlands, inland waters, freshwater or a specific wetland type for each KM-GBF targets in a national target or how they plan to measure the target is shown in Table 9.

**3.14** Wetlands, inland waters, freshwater or specific wetland types, within the NBSAPs submitted, are included within national targets or how they are measured related to 18 of the KM-GBF targets. National targets or how they are measured include wetlands, inland waters, freshwater or specific wetland types most frequently under KM-GBF Target 1, Target 2, Target 3, Target 7 and Target 10 as they are mentioned within 42%, 79%, 63%, 46% and 46% of the NBSAPs submitted, respectively.

**3.15** Of the 19 (79% of total) NBSAPs that mention wetlands, inland waters, freshwater or specific wetland types within national targets related to KM-GBF Target 2 on restoration, eight (42%) have an area restoration target, six (32%) have a km target for river restoration, four (21%) have a percentage target for restoration and 11 (58%) have a target that involves the number of networks established, management plans implemented or clean ups of ecosystems delivered.

# Table 6 – Number of NBSAPs that mention specific wetland types against KM-GBF Targets

Target 1	Target 2	Target 3	Target 4	Target 5	Target 6	Target 7	Target 8	Target 9	Target	Target 11	Target											
									10		12	13	14	15	16	17	18	19	20	21	22	23

#### Marine / Coastal wetlands

Coral reef	0	2	1	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
Mud Flat or tidal flat	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Mangrove	1	4	3	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	1	0	0	0
Saltmarsh	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coastal lagoon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Estuary	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

#### Inland wetlands

	_	7	2	•	0	2	7	_	_		4	4	•		0	-	_	•	0	0	4	0	_
River, stream, or creek	0	/	2	0	0	2	5	0	0	0	T	T	0	T	0	0	0	0	0	0	T	0	0
Wet grassland	0	3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Wet woodland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake	0	4	1	0	0	2	4	0	0	0	1	1	0	1	0	0	0	0	0	0	1	0	0
Marsh / pond	0	3	0	1	0	0	2	0	0	3	1	0	0	0	0	0	0	0	0	0	1	0	0
Peatland	1	6	5	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0
Cave	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

#### Human-made wetlands

Aquaculture pond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Irrigated agriculture																							
wetland	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Eg. rice paddy																							
River pasture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reservoir	0	1	0	0	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
Canal	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0
Water treatment wetland	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Urban park pond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Estuary	29%																						

### Table 7 – Percentage of NBSAPs that mention specific wetland types against KM-GBF Targets

Target 1	Target 2	Target 3	Target 4	Target 5	Target 6	Target 7	Target 8	Target 9	Target	Target 11	Target												
									10		12	13	14	15	16	17	18	19	20	21	22	23	

#### Marine / Coastal wetlands

Coral reef	0%	8%	4%	0%	0%	4%	4%	4%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%
Mud Flat or tidal flat	0%	4%	0%	0%	0%	0%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%
Mangrove	4%	17%	13%	0%	0%	0%	0%	4%	4%	4%	8%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%
Saltmarsh	0%	0%	0%	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Coastal lagoon	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Estuary	4%	4%	0%	0%	0%	0%	4%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

#### Inland wetlands

River, stream, or creek	0%	29%	8%	0%	0%	8%	13%	0%	0%	0%	4%	4%	0%	4%	0%	0%	0%	0%	0%	0%	4%	0%	0%
Wet grassland	0%	13%	0%	0%	0%	0%	0%	0%	0%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Wet woodland	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Lake	0%	17%	4%	0%	0%	8%	17%	0%	0%	0%	4%	4%	0%	4%	0%	0%	0%	0%	0%	0%	4%	0%	0%
Marsh / pond	0%	13%	0%	4%	0%	0%	8%	0%	0%	13%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%
Peatland	4%	25%	21%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%
Cave	0%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

#### Human-made wetlands

Aquaculture pond	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Irrigated agriculture wetland Eg. rice paddy	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
River pasture	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Reservoir	0%	4%	0%	0%	0%	0%	4%	0%	0%	8%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Canal	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Water treatment wetland	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Urban park pond	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Estuary	29%																						

Table 8 – Percentage of NBSAPs submitted that mention wetlands, inland waters, freshwater or specific wetland types per region

Region	NBSAPs that mention specific wetland types
Asia	86%
Africa	100%
Oceania	100%
North America	100%
Latin America and the Caribbean	100%
Europe	100%

Table 8 – Percentage of NBSAPs submitted that mention wetlands, inland waters, freshwater or specific wetland types per region

KM-GBF Target	Number of NBSAPs that mention wetlands, inland waters, freshwa- ter or a specific wetland type	Percentage of the total NBSAPs submitted that mention wetlands, inland waters, fresh- water or a specific wetland type
Target 1	10	42%
Target 2	19	79%
Target 3	15	63%
Target 4	3	13%
Target 5	1	4%
Target 6	3	13%
Target 7	11	46%
Target 8	7	29%
Target 9	1	4%
Target 10	11	46%
Target 11	5	21%
Target 12	5	21%
Target 13	1	4%
Target 14	3	13%
Target 15	0	0%
Target 16	0	0%
Target 17	0	0%
Target 18	1	4%
Target 19	2	8%
Target 20	1	4%
Target 21	4	17%
Target 22	0	0%
Target 23	0	0%

**3.16** Of the 15 (63% of total) NBSAPs that mention wetlands, inland waters, freshwater or specific wetland types within national targets related to KM-GBF Target 3 on protected areas, three (16%) state a target to increase the number of protected areas, six (32%) state a percentage increase target and 10 (53%) state there is a target to increase identification of suitable protected areas.

# NBSAPs that mention specific wetland types

**3.17** Of the 24 NBSAPs submitted, the following important wetlands have the potential to be specifically mentioned within targets and how the targets are to be measured:.

- 1 Amazon River Basin Suriname
- 2 Hudson Bay Lowland Canada
- 3 Mackenzie River Basin Canada
- 4 River Nile Basin Uganda
- 5 Prairie Potholes Canada
- 6 Yellow Sea China and Republic of Korea
- 7 Dongting Lake China
- 8 Mai Po China
- 9 Sourou floodplain of the Volta River Burkina Faso
- 10 Sahel- Burkina Faso
- 11 Camargue France
- 12 Doñana Spain
- 13 Kakadu Australia

**3.18** Table 10 indicates whether the important wetlands listed above are included within NBSAP targets or indicators.



# Table 10 – Important wetlands and whether they are mentioned in NBSAP targets or indicators

Wetland	Specific mention within NBSAP targets or indicators
Amazon River Basin	Mentioned in Suriname NBSAP introduction but not specifically mentioned in targets or indicators.
	Included within Canada NBSAP KM-GBF Target 8 as the following: To advance science and knowledge through the Hudson Bay–James Bay Lowlands Biodiver- sity Conservation and Carbon Sequestration Initiative (PC).
Hudson Bay Lowland	Also included in Provincial Actions within: Polar Bear Conservation & Recovery Strategy - Currently under development, the goal of Manitoba's Polar Bear Conservation and Recovery Strategy is to maintain the long-term via- bility of the threatened Hudson Bay polar bear sub-population through management initia- tives within Manitoba, as required under the Endangered Species and Ecosystems Act.
Mackenzie River Basin	Included within Canada NBSAP KM-GBF Target 11 as the following: Through ECCC's Strengthened Freshwater Action Plan, work is underway to monitor, assess, and restore the Great Lakes, Lake Winnipeg, Lake of the Woods, St. Lawrence River, Fraser River, Wolastoq/Saint John River, Mackenzie River, and Lake Simcoe. This work will in part enable the completion of the clean-up of Great Lakes Areas of Concern and achieve Cana- da's nutrient targets in Lake Erie established under the Canada-US Great Lakes Water Qual- ity.
River Nile Basin	Not mentioned in NBSAPs submitted.
Prairie Potholes	Not included as a national target but included within Canadian NBSAP Provincial action as the following: Prairie Resilience: a Made in Saskatchewan Climate Change Strategy.
Yellow Sea	Not mentioned in NBSAPs submitted.
Dongting Lake	Not mentioned in NBSAP targets or indicators submitted but mentioned in the introduction.
Mai Po	Not mentioned in NBSAPs submitted.
	Not included as a national target or indicator but mentioned within sub-regional and re- gional instruments in the following: The convention establishing the Volta River Basin
Sourou Floodplain Volta River	Adopted on January 19, 2007, the first article of the Convention establishes the Volta Basin Authority (VBA) to ensure rational and sustainable management of the water resources of the Volta River Basin, and better socio-economic integration in the sub-region. The States Parties are also committed to the rational and sustainable development of the water re- sources of the Volta River, based on the principles of precaution and prevention, protection and preservation of ecosystems and the obligation not to cause damage to water resources.
Sahel	Not included as a national target or indicator but mentioned as a responsibility under state actors: Ministry of the Environment, Water and Sanitation (MEEA): National Coordination of the Great Green Wall Initiative in the Sahara and Sahel
Carmargue	Not mentioned in NBSAPs submitted.
Doñana	Not mentioned in NBSAPs submitted.
Kakadu	Not mentioned in NBSAPs submitted.

# 4. Summary

**4.1** This report has provided an assessment of the inclusion of wetlands within Post-COP15 NBSAPs. Encouragingly 23 of the 24 NBSAPs, submitted before 8th October 2024 to the CBD clearing house mechanism, included at least one example of wetlands in national targets or the indicators proposed to measure delivery of the targets. Mention of wetlands was through the terms wetlands, inland waters or freshwater or through the mention of specific wetland types. However, few Parties have comprehensively and specifically integrated wetlands throughout the targets and indicators, instead they have more often used generic statements to cover all ecosystems without specific wetland targets.

**4.2** Analysis of the NBSAPs submitted has illustrated that wetlands are included within national targets or how the targets are to be measured related to 18 of the KM-GBF targets, most frequently under KM-GBF Target 1, Target 2, Target 3, Target 7 and Target 10. The most frequently mentioned wetland types, within NBSAP targets are mangrove, river, lake, coral reef, marsh / pond and peatland. However, countries often only used one wetland type under a target, resulting in many wetlands being underrepresented within NBSAP targets.

**4.3** Over three quarters of NBSAPs submitted included wetlands within national targets or the indicators proposed to measure delivery of the targets related to KM-GBF Target 2 on restoration whilst 63% of NBSAPs submitted mentioned wetlands within national targets or the indicators proposed to measure delivery of the targets related to KM-GBF Target 3 on protected areas. However, less than half of the NBSAPs that included national targets for wetlands related to both KM-GBF Target 2 and Target 3 specified measurable targets in terms of area, km of river length or percentages.

**4.4** Important wetland areas of the world are very rarely mentioned within NBSAPs and are even more rarely included within specific targets. Even though the important wetland areas, listed in paragraph 2.2 of this report, are crucial for local, regional and global functions and processes it is not unsurprising that these important wetlands have not been included as it is extremely rare to find NBSAP targets that list actual site locations. As NBSAPs are implemented it will be important to identify exact locations and ideally include locally, nationally and internationally important wetlands.

**4.5** The assessment of the 24 Post-COP15 NBSAPs submitted to the CBD, has demonstrated that although wetlands are mentioned within NBSAPs, wetlands still need to be comprehensively integrated into the targets within NBSAPs so the following is achieved:

- Restoration of degraded and lost wetlands
- Protection of wetlands, particularly underrepresented and high biodiversity wetland types
- Data collection on wetland extent and condition is improved to support effective conservation
- The drivers of wetland loss and degradation are removed
- Wetlands are harnessed as solutions to pollution, climate change, restoring nature's contribution to people and enhancing green urban spaces
- Wetland wildlife hotspots and ecological corridors are restored and protected
- People are empowered to conserve wetland biodiversity



# **APPENDIX 1. Review Data**

Table 11 – NBSAPs submitted and whether the terms wetlands, inland waters and freshwater are mentioned within targets and indicators

Country	Date Received	<b>Convention on Wetlands Region</b>	Wetlands	Inland Waters	Freshwater
Spain	30/01/2023	Europe	Yes	Yes	
Luxembourg	07/11/2023	Europe	Yes	165	
Japan	11/07/2023	Asia	Yes	Yes	Yes
Hungary	28/08/2023	Europe	Yes	105	105
France	11/12/2023	Europe	Yes		
European Union	14/11/2023	Europe	Yes		Yes
China	25/01/2024	Asia	Yes	Yes	
Ireland	08/02/2024	Europe	Yes		Yes
Austria	03/05/2024	Europe			
Uganda	18/05/2024	Africa	Yes	Yes	
Canada	21/06/2024	North America	Yes	Yes	Yes
Italy	09/07/2024	Europe		Yes	Yes
Suriname	16/07/2024	Latin America and the Caribbean	Yes		Yes
Afghanistan	28/07/2024	Asia	Yes		
Malaysia	28/07/2024	Asia		Yes	Yes
Cuba	31/07/2024	Latin America and the Caribbean			
Jordan	11/08/2024	Asia			
Burkina Faso	15/08/2024	Africa	Yes		
Republic of Korea	02/08/2024	Asia	Yes		
Mexico	22/08/2024	North America			
Slovenia	24/09/2024	Europe		Yes	
Malta	23/09/2024	Europe			Yes
Australia	27/09/2024	Oceania	Yes	Yes	Yes
Indonesia	12/09/2024	Asia	Yes	Yes	Yes

Target 2	Area target	km of river target	Percentage target	Other
Spain	Yes	Yes	Yes	-
Luxembourg	Yes	Yes	-	Yes
Japan	-	-	Yes	Yes
Hungary	Yes	-	-	Yes
France	Yes	-	-	
European Union	-	Yes	-	
China	-	-	Yes	Yes
Ireland	-	Yes	-	Yes
Austria	Yes	Yes	-	
Uganda	-	-	Yes	
Canada	Yes	-	-	Yes
Italy	-	Yes	-	
Suriname	-	-	-	
Afghanistan	-	-	-	Yes
Malaysia	-	-	-	
Cuba	Yes	-	-	
Jordan	-	-	-	
Burkina Faso	-	-	-	Yes
Republic of Korea	-	-	-	Yes
Mexico	-	-	-	
Slovenia	-	-	-	-
Malta	-	-	-	Yes
Australia	-	-	-	Yes
Indonesia	Yes	-	-	

Table 12 – NBSAPs submitted and how they set their targets for KM-GBF Target 2 on restoration

*NB* – Countries highlighted in green mentioned wetlands in their targets or indicators for KM-GBF Target 2.

Target 2	Area target	Number of sites target	Percentage target	Target to increase identification of sites for pro- tection
Spain	-	-	-	Yes
Luxembourg	-	-	-	Yes
Japan	Yes	-	-	Yes
Hungary	Yes	-	-	-
France	Yes	-	-	-
European Union	-	-	Yes	Yes
China	-	-	-	Yes
Ireland	-	-	-	Yes
Austria	-	-	-	-
Uganda	-	-	Yes	-
Canada	-	Yes	-	-
Italy	-	Yes	Yes	-
Suriname	-	-	Yes	-
Afghanistan	-	-	-	-
Malaysia	-	-	Yes	Yes
Cuba	-	-	-	-
Jordan	-	-	-	-
Burkina Faso	-	-	-	-
Republic of Korea	-	-	-	Yes
Mexico	-	-	-	-
Slovenia	-	-	-	-
Malta	-	-	-	Yes
Australia	-	-	Yes	Yes
Indonesia	-	-	-	-

#### Table 13 – NBSAPs submitted and how they set their targets for KM-GBF Target 3 on protection

*NB* – Countries highlighted in green mentioned wetlands in their targets or indicators for KM-GBF Target 3.

Marine / coastal wetlands Mud flat or tidal flat Mangroves Coastal lagoon Coral reef Saltmarsh Estuary Yes Spain Yes Luxembourg Yes Japan Yes Yes Hungary France European Union Yes China Yes Yes Yes Ireland Yes Austria Uganda Yes Canada Yes Yes Italy Suriname Yes Yes Afghanistan Yes Malaysia Cuba Yes Jordan Burkina Faso Republic of Korea Yes Yes Yes Mexico Slovenia Malta Australia Indonesia Yes Yes

Table 14 – NBSAPs submitted and whether they mention marine / coastal wetlands within their targets and indicators

Inland wetlands Wet grassland Wet woodland Marsh / pond River, stream or Lake Peatland Cave creek Spain Yes Yes Yes Yes Yes Yes Luxembourg Yes Yes Yes Yes Yes Yes Japan Yes Yes Yes Hungary Yes Yes France Yes Yes Yes European Union China Yes Yes Ireland Yes Yes Yes Yes Austria Yes Yes Yes Yes Uganda Canada Yes Yes Yes Yes Yes Italy Yes Yes Yes Suriname Afghanistan Yes Malaysia Yes Yes Cuba Jordan Burkina Faso Republic of Korea Yes Yes Yes Mexico Slovenia Malta Australia -\_ Indonesia Yes Yes --

Table 15 – NBSAPs submitted and whether they mention inland wetlands within their targets and indicators

Table 16 – NBSAPs submitted and whether they mention human-made wetlands within their targets and indicators

			Human	-made wetlar	ode		
			Tuman	made wettar	105		
	Aquaculture pond	Irrigated agriculture wetland e.g. rice paddy	<b>River pasture</b>	Reservoir	Canal	Water treatment wetland	Urban park pond
Spain							
Luxembourg							
Japan		Yes		Yes	Yes		
Hungary							
France							
European Union							
China							
Ireland							
Austria							
Uganda							
Canada							
Italy					Yes		
Suriname							
Afghanistan							
Malaysia				Yes			
Cuba				Yes		Yes	
Jordan							
Burkina Faso							
Republic of Korea				Yes			
Мехісо							
Slovenia							
Malta							
Australia							
Indonesia							

# Table 17 – NBSAPs submitted and the specific wetland types against KM-GBF Targets 1 to 11

Countries	T1	Т2	Т3	Т4	Т5	Т6	Τ7	Т8	Т9	T10	T11
Spain		Peatland, Wet grassland	Peatland,				Mudflat Estuary				
			Wet grassland				Marsh / Pond				
Luxembourg		Wet grassland, Marsh / pond,									
		Peatland, Caves, Rivers									
Japan		Mangrove, Lake, River	Mangrove, River				Coral reef, Lake,	Mangrove,		Wet grassland, Reservoir, Irrigat-	Coral reef
		Marsh/pond					River, Reservoir,	Coral reef		ed agriculture wetland, Canal	
Hungary		Lake		Marsh/							
				pond							
France											
European Union		River	Mangrove, Peatland							Marsh/pond	
China		Coral reef, Mangrove, Estuary									
Ireland		Peatland, Lake, River									
Austria		River, Peatland, Wet grassland								Marsh/pond	
Uganda	Mangrove		Peatland								
						Lake,		Saltmarsh,			Lake, Marsh/
Canada	Estuary	Lake, Peatland				River	Lake	peatland			pond, River
											Wet Grassland
Italy		River	Peatland							Peatland, Marsh/pond, Canal	
Suriname									Mangrove	Estuary	Mangrove
Afghanistan											
Malaysia	Peatland		Coral reef, Peatland							Mangrove, peatland	Reservoir
Cuba		Mangrove								Reservoir	
Jordan											
Burkina Faso					ļ						
Republic of		Mudflat, River, Reservoir					River, lake,	Mudflat,			
Korea							Marsh/pond	saltmarsh			
Mexico											
Slovenia											
Malta					-						
Australia											
Indonesia		Peatland, Mangrove, Lake	Mangrove				Lake				Mangrove
		Coral reef,									

# Table 18 – NBSAPs submitted and the specific wetland types against KM-GBF Targets 12 to 23

Countries	T12	T13	T14	T15	T16	T17	T18	T19	T20	T21	T22	T23
Spain												
Luxembourg												
Japan										Coral reef, Lake, River, Marsh / pond, Mudflat		
Hungary												
France												
European												
Union												
China	Lake, River									River		
Ireland												
								Peatland				
Austria												
Uganda												
Canada												
Italy	Canal											
Suriname												
Afghanistan												
Malaysia			Lake, River									
Cuba	Water treatment											
	wetland											
Jordan												
Burkina Faso												
Republic of	River								Mangrove			
Korea									Ũ			
Mexico												
Slovenia												
Malta												
Australia												
Indonesia												

Our vision is a world where wetlands are treasured and nurtured for their beauty, the life they support and the resources they provide. Our mission is to inspire and mobilise society to safeguard and restore wetlands for people and nature.

For further information please visit our website or contact our office

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