

Review Comment Template for the document on indicators for the draft goals and targets of the post-2020 global biodiversity framework

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Table 1. Indicators for monitoring elements of the draft goals (with example entries)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|--|---|-----------------------|--|--|---|--|--|---|---|--|----------------------------|----------------------------|---|-----------------|
| Components of the draft Goals (copy/paste text from CBD/SBSTTA/24/3/Add.1) | Goal Monitoring Elements (copy/paste text from CBD/SBSTTA/24/3/Add.1) | Indicator name | Responsible Institution for the indicator | Available today (X) or under active development (Y) | Date of availability for indicator in development (Year) | Year of last update (e.g. 2019) | Time series and frequency of updates (e.g. 1985-2019, annually) | Methodology available for national use (Y/N) | Global indicator can be disaggregated for national use (Y/N) | National data aggregated to form global indicator (Y/N) | Used in GBO-4 (Y/N) | SDG indicator (Y/N) | Indicator used to measure other MEAs or processes (e.g. Ramsar Convention, IPBES, CMS) | Comments |
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Table 2. Indicators for monitoring elements of the draft targets

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|--|---|---|--|--|---|--|--|---|---|--|----------------------------|----------------------------|---|--|
| Components of the draft Targets (copy/paste text from CBD/SBSTTA/24/3/Add.1) | Target Monitoring Elements (copy/paste text from CBD/SBSTTA/24/3/Add.1) | Indicator name | Responsible Institution for the indicator | Available today (X) or under active development (Y) | Date of availability for indicator in development (Year) | Year of last update (e.g. 2019) | Time series and frequency of updates (e.g. 1985-2019, annually) | Methodology available for national use (Y/N) | Global indicator can be disaggregated for national use (Y/N) | National data aggregated to form global indicator (Y/N) | Used in GBO-4 (Y/N) | SDG indicator (Y/N) | Indicator used to measure other MEAs or processes (e.g. Ramsar Convention, IPBES, CMS) | Comments |
| T1.2. Prevention of reduction and fragmentation of natural habitats due to land/sea use change | Trends in forest and agriculture lands as a proportion of total land area | % total land area that is under cultivation | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | SAMOA Pathway | Defined as % total land area that is under cultivation |
| T5.5. Eradication, control or management of IAS in priority sites | | % of priority sites with invasive species management. | Pacific Island countries and SPREP (core indicators) | X | From 2018 | 2019 | Annually | Y | N | Y | N | N | SAMOA Pathway | Defined as % of priority sites with invasive species management. |

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| T6. By 2030, reduce pollution from all sources, including reducing excess nutrients [by x%], biocides [by x%], plastic waste [by x%] to levels that are not harmful to biodiversity and ecosystem functions and human health | T6.1. Reduction of pollution from excess nutrients | Freshwater quality | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | SAMOA Pathway | Defined as: <i>Escherichia coli (E. coli) levels across freshwater monitoring sites.</i> |
| T6. By 2030, reduce pollution from all sources, including reducing excess nutrients [by x%], biocides [by x%], plastic waste [by x%] to levels that are not harmful to biodiversity and ecosystem functions and human health | T6.1. Reduction of pollution from excess nutrients | Lagoon water quality | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | SAMOA Pathway | Defined as: <i>Enterococci levels across freshwater monitoring sites.</i> |
| T6. By 2030, reduce pollution from all sources, including reducing excess nutrients [by x%], biocides [by x%], plastic waste [by x%] to levels that are not harmful to biodiversity and ecosystem functions and human health | T6.1. Reduction of pollution from excess nutrients | Access to and quality of sewage treatment | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | SAMOA Pathway | Defined as: <i>% of households connected to central sewage system.</i> |
| T6. By 2030, reduce pollution from all sources, including reducing excess nutrients [by x%], biocides [by x%], plastic waste [by x%] to levels that are not harmful to biodiversity and ecosystem functions and human health | T6.3. Reduction of pollution from plastic | Household waste captured | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | SAMOA Pathway | Defined as: <i>% household waste capture by authorised waste collection.</i> |

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| ecosystem functions and human health | | | | | | | | | | | | | | |
| T6. By 2030, reduce pollution from all sources, including reducing excess nutrients [by x%], biocides [by x%], plastic waste [by x%] to levels that are not harmful to biodiversity and ecosystem functions and human health | T6.3. Reduction of pollution from plastic | Municipal waste recycled | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | SAMOA Pathway | Defined as: <i>Annual trend in % national solid waste recycled or average daily per capita % of municipal solid waste recycled.</i> |
| T6.3. Reduction of pollution from plastic | T6.3. Reduction of pollution from plastic | Number of national or state container deposit programmes | Waste, Chemicals, Pollutants (WCP) / Customs/ Finance Departments of PICTs | X | | 2020 | Every 2 years | Y | | | N | Y | Increased regional recycling rate | |
| T6.4. Reduction of pollution from other sources | Trends in the levels of hazardous waste | Number of marine pollution incidents | IMO | X | | 2020 | Every 5 years | Y | | | | | | |
| T 7. By 2030, increase contributions to climate change mitigation adaption and disaster risk reduction from nature-based solutions and ecosystems based approached, ensuring resilience and minimising any negative impacts on biodiversity. | T7.1. Increased biodiversity contribution to climate change mitigation, adaptation and disaster risk reduction | Funding for ecosystem-based adaptation | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | UNFCCC, SAMOA Pathway | Defined as: <i>Trend in annual funds received to implement ecosystem-based approaches to climate adaptation..</i> |
| T9. By 2030, support the productivity, sustainability and resilience of biodiversity in agricultural and other managed ecosystems through | T9.1. Sustainable management of agricultural biodiversity, including soil biodiversity, cultivated plants and farmed and domesticated animals and | Approved development proposals with conditions | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | Noumea Convention, Rio declaration, SAMOA Pathway | Defined as: <i>% of approved development proposals with conditions imposed.</i> |

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| conservation and sustainable use of such ecosystems, reducing productivity gaps by at least [50%] | of wild relatives | | | | | | | | | | | | | |
| T9. By 2030, support the productivity, sustainability and resilience of biodiversity in agricultural and other managed ecosystems through conservation and sustainable use of such ecosystems, reducing productivity gaps by at least [50%] | T9.2. Sustainable management of aquaculture | Approved development proposals with conditions | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | Noumea Convention, Rio declaration, SAMOA Pathway | Defined as: % of approved development proposals with conditions imposed. |
| T9. By 2030, support the productivity, sustainability and resilience of biodiversity in agricultural and other managed ecosystems through conservation and sustainable use of such ecosystems, reducing productivity gaps by at least [50%] | T9.3. Sustainable management of all types of forests | Approved development proposals with conditions | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | Noumea Convention, Rio declaration, SAMOA Pathway | Defined as: % of approved development proposals with conditions imposed. |
| 10. By 2030, ensure that, nature based solutions and ecosystem approach contribute to regulation of air quality, hazards and extreme events and quality and quantity of water for at least [XXX million] people | T10.2. Regulation of hazards and extreme events | Climate-related deaths | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | UNFCCC, SAMOA Pathway | Defined as: Number of annual climate-related deaths from declared disasters. |
| T10. By 2030, ensure that, nature based | T10.2. Regulation of hazards and extreme events | Climate-related disaster losses | Pacific Island countries and | Y (X for some countries) | Various | Varies by country | Varies, ideally | Y | N | Y | N | N | UNFCCC, SAMOA Pathway | Defined as: Total annual dollars of financial loss |

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| solutions and ecosystem approach contribute to regulation of air quality, hazards and extreme events and quality and quantity of water for at least [XXX million] people | | | SPREP (core indicators) | | | | updated annually | | | | | | | occurring due to climate-related disaster (cyclones, floods, landslides, drought) national government losses. |
| T13. By 2030, integrate biodiversity values into policies, regulations, planning, development processes, poverty reduction strategies and accounts at all levels, ensuring that biodiversity values are mainstreamed across all sectors and integrated into assessments of environmental impacts | T13.3. Biodiversity values are reflected in policies and regulations, including on biodiversity inclusive environmental impact assessments and strategic environmental assessments | Approved development proposals with conditions | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | Noumea Convention, Rio declaration, SAMOA Pathway | Defined as: % of approved development proposals with conditions imposed. |
| T13. By 2030, integrate biodiversity values into policies, regulations, planning, development processes, poverty reduction strategies and accounts at all levels, ensuring that biodiversity values are mainstreamed across all sectors and integrated into assessments of environmental impacts | T13.3. Biodiversity values are reflected in policies and regulations, including on biodiversity inclusive environmental impact assessments and strategic environmental assessments | Environment cases prosecuted | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | Noumea Convention, Rio declaration, SAMOA Pathway | Defined as: number of environment cases prosecuted |
| T18. By 2030, increase by [X%] financial | T18.2. Increase in financial resources from international | Funding for ecosystem-based adaptation | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | UNFCCC, SAMOA Pathway | Defined as: Trend in annual funds received to implement |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
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| resources from all international and domestic sources, through new, additional and effective financial resources commensurate with the ambition of the goals and targets of the Framework and implement the strategy for capacity-building and technology transfer and scientific cooperation to meet the needs for implementing the post2020 global biodiversity framework | sources | | | | | | | | | | | | | <i>ecosystem-based approaches to climate adaptation..</i> |
| T18. By 2030, increase by [X%] financial resources from all international and domestic sources, through new, additional and effective financial resources commensurate with the ambition of the goals and targets of the Framework and implement the strategy for capacity-building and technology transfer and scientific cooperation to meet the needs for implementing the post2020 global biodiversity framework | T18.2. Increase in financial resources from international sources | Climate-based adaptation and mitigation funding | Pacific Island countries and SPREP (core indicators) | Y (X for some countries) | Various | Varies by country | Varies, ideally updated annually | Y | N | Y | N | N | UNFCCC, SAMOA Pathway | Defined as: <i>Trend in annual funds received to implement all climate change and mitigation work.</i> |
| T18. By 2030, increase by [X%] financial | T18.3. Increase in financial resources from domestic | Environment Ministry budget allocation | Pacific Island countries and SPREP (core indicators) | X | 2019 | 2019 | Annual all years of government | Y | N | Y | N | N | UNFCCC, SAMOA Pathway | Defined as: <i>% of national budget allocated to Environment</i> |

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| resources from all international and domestic sources, through new, additional and effective financial resources commensurate with the ambition of the goals and targets of the Framework and implement the strategy for capacity-building and technology transfer and scientific cooperation to meet the needs for implementing the post2020 global biodiversity framework | sources | | | | | | | | | | | | | Ministry or equivalent . |