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Items 6.1 and 6.2 of the provisional agenda\*

### GLOBAL OUTCOME-ORIENTED TARGETS FOR THE IMPLEMENTATION OF THE PROGRAMMES OF WORK ON THE BIOLOGICAL DIVERSITY OF INLAND WATER ECOSYSTEMS AND MARINE AND COASTAL BIODIVERSITY

#### *Relationships between the framework goals and targets and activities of the programmes of work*

*Note by the Executive Secretary*

#### I. INTRODUCTION

1. Draft global outcome-oriented targets for the programmes of work on the biological diversity of inland water ecosystems and marine and coastal biodiversity were considered at the tenth meeting of the Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA). Recommendation X/4 provides the eighth meeting of the Conference of the Parties (COP) with detailed advice on this matter from SBSTTA (UNEP/CBD/COP/8/2). Paragraph 7(b) of that recommendation requests the Executive Secretary to prepare, for the information of the Subsidiary Body at its eleventh meeting, a matrix relating the goals and targets of the programmes of work on marine and coastal biodiversity and biodiversity of inland water ecosystems (see the annex to recommendation X/4) to the activities of these programmes of work (decisions VII/5 and VII/4 respectively).

2. This document has been prepared by the Executive Secretary in order to provide the eleventh meeting of SBSTTA with the required information.

#### II. BACKGROUND

3. An overview of the inter-linkages among the goals and targets of the Strategic Plan, the framework for evaluating progress towards the 2010 target, and the various programmes of work of the Convention on Biological Diversity has been provided in an information note by the Executive Secretary (UNEP/CBD/WGRI/1/INF/1). That document also describes the chronology of events and the process of consideration of these subjects by both SBSTTA and the Conference of the Parties. It explains that in

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\* UNEP/CBD/SBSTTA/11/1.

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developing targets for the programmes of work, the Conference of the Parties noted that, where possible, the framework targets should be incorporated into the programmes of work without modification to avoid unnecessary proliferation of targets (annex III of decision VII/30). In practice, the wording of most framework targets has been modified slightly during integration into the programmes of work, particularly where this work is most advanced (i.e., for the programmes of work on inland waters and marine and coastal biodiversity). In such cases, the target remains the same in substance, but with specificity added with respect to the ecosystems and issues under consideration.

4. Document UNEP/CBD/WGRI/1/INF/1 also noted that both the programmes of work on biological diversity of inland water ecosystems and marine and coastal biological diversity were developed prior to the elaboration of outcome-oriented targets. Therefore, a complete match between targets and activities in the programmes of work would not be expected. The appropriate stage to consider any necessary re-alignment of the programmes of work (if any) is when they are due for review (tenth meeting of the Conference of the Parties in the case of these programmes), consistent with decision VII/30 paragraphs 12 (c and d) and 13 (a) which facilitates harmonization (if necessary) of programmes with targets and that future reviews will take those targets as the basis of measurement of progress.

### **III. RELATIONSHIPS BETWEEN THE FRAMEWORK GOALS AND TARGETS AND ACTIVITIES OF THE PROGRAMME OF WORK ON THE BIOLOGICAL DIVERSITY OF INLAND WATER ECOSYSTEMS**

5. The framework goals and targets recommended for the programme of work (recommendation X/4, annex) are cross-referenced to the activities in the programme of work (decision VII/4, annex) in the matrix in annex I. Included in the matrix is also a mention of those goals (and their related activities) which are considered to be cross-cutting (or supportive of) a number of outcome-oriented targets.

6. Recommendation X/4 of SBSTTA emphasizes the linkages with the activities of the Ramsar Convention in view of the role of the Convention established by decision III/21 as the lead implementation partner on wetlands for the Convention on Biological Diversity. In particular, this recommendation invites the Ramsar Convention to: (i) further develop the targets, as appropriate, through, *inter alia*, their quantification and application to specific wetland types and biogeographic regions (ref. para. 3) and to link those targets with the indicators currently being developed [by the Ramsar Convention], and (ii) contribute [*inter alia*] to monitoring progress towards [the targets] (ref. para. 4(f)). In addition, a note by the Executive Secretary discusses linkages between targets, indicators and reporting for the programme of work (UNEP/CBD/SBSTTA/11/12) as a precursor for more in-depth consideration of these subjects at the eighth meeting of the Conference of the Parties. That document points to the need to identify priority activities that will contribute the most to the achievement of biodiversity targets (as requested in decision VII/4, para. 16(c)) including addressing the issue of how to get the appropriate stakeholders involved in both implementation and reporting on progress. These processes will necessarily involve a much closer examination of the relationships between activities and targets for the programme of work (recommendation X/4, annex), including in relation to more specific targets developed by the Ramsar Convention. Therefore, a full analysis of relationships between activities and targets, including identifying gaps and inconsistencies, would be appropriate as part of that on-going process and in preparation for the review of the programme of work by the Conference of the Parties at its tenth meeting.

#### **IV. RELATIONSHIPS BETWEEN THE FRAMEWORK GOALS AND TARGETS AND ACTIVITIES OF THE PROGRAMME OF WORK ON MARINE AND COASTAL BIODIVERSITY**

7. The framework of goals and targets in recommendation X/4 are cross-referenced to the operational objectives and activities in the programme of work on marine and coastal biological diversity (decision VII/5) in the matrix in annex II.

8. The matrix indicates that there is generally good correspondence between activities in the programme of work and targets in recommendation X/4. Only target 4.3, which relates to international trade, has no supporting activities in the programme of work. Activities relating to some targets were better covered in the programme of work than others. For example, there are a number of activities relating to targets, which have to do with area-based protection. However, while climate change in relation to coral reefs is very well covered in the Specific Workplan on Coral Bleaching (Appendix 1 of decision VII/5), the relationship between other components of marine and coastal biodiversity and climate change is not addressed. These issues should be taken into account when the programme of work is next updated at the 10<sup>th</sup> meeting of the Conference of the Parties. Finally, there are few activities in the programme of work on marine and coastal biodiversity relating to target 10.1 on transfer of genetic resources. However, this issue is likely best addressed as part of the work relating to decision VII/19 on the international regime on access and benefit-sharing.

## Annex I

**RELATIONSHIPS BETWEEN GOALS AND THEIR OUTCOME-ORIENTED TARGETS (RECOMMENDATION X/4, ANNEX) AND ACTIVITIES FOR THE PROGRAMME OF WORK (POW) ON THE BIOLOGICAL DIVERSITY OF INLAND WATER ECOSYSTEMS (DECISION VII/4, ANNEX)**

The programme of work contains a large number of activities for each goal. For brevity, unless stated otherwise, all of the activities listed under each goal (see decision VII/4, annex) are relevant to achieving the target in question.

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
<b>Protect the components of biodiversity</b>			
<i>Goal 1. Promote the conservation of the biological diversity of ecosystems, habitats and biomes</i>		PROGRAMME ELEMENT 1: CONSERVATION, SUSTAINABLE USE AND BENEFIT-SHARING	PROGRAMME ELEMENT 2: INSTITUTIONAL AND SOCIO-ECONOMIC ENABLING ENVIRONMENT; PROGRAMME ELEMENT 3: KNOWLEDGE, ASSESSMENT AND MONITORING
Target 1.1: At least 10% of each of the world's ecological regions effectively conserved.	At least 10% of known inland water ecosystem area effectively conserved and under integrated river or lake basin management.	Goal 1.2: To establish and maintain comprehensive, adequate and representative systems of protected inland water ecosystems within the framework of integrated catchment/watershed/river basin management	
Target 1.2: Areas of particular importance to biodiversity protected.	275 million hectares of wetlands of particular importance to biodiversity protected, including representation and equitable distribution of areas of different wetland types across the range of biogeographic zones.	Goal 1.2: To establish and maintain comprehensive, adequate and representative systems of protected inland water ecosystems within the framework of integrated catchment/watershed/river basin management	

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
<i>Goal 2. Promote the conservation of species diversity</i>		PROGRAMME ELEMENT 1: CONSERVATION, SUSTAINABLE USE AND BENEFIT-SHARING	PROGRAMME ELEMENT 2: INSTITUTIONAL AND SOCIO-ECONOMIC ENABLING ENVIRONMENT; PROGRAMME ELEMENT 3: KNOWLEDGE, ASSESSMENT AND MONITORING
Target 2.1: Restore, maintain or reduce the decline of populations of species of selected taxonomic groups.	Reduce the decline of, maintain or restore populations of species of selected taxonomic groups dependent upon inland water ecosystems.	Goal 1.1. To integrate the conservation and sustainable use of biological diversity into all relevant sectors of water-resource and river-basin management, taking into account the ecosystem approach	Goal 1.2: To establish and maintain comprehensive, adequate and representative systems of protected inland water ecosystems within the framework of integrated catchment/watershed/river basin management  Goal 1.3: To enhance the conservation status of inland water biological diversity through rehabilitation and restoration of degraded ecosystems and the recovery of threatened species
Target 2.2: Status of threatened species improved.	The world's known threatened inland water ecosystem dependent species of plants and animals conserved, with particular attention to migratory, transboundary and endemic species and populations.	Goal 1.1. To integrate the conservation and sustainable use of biological diversity into all relevant sectors of water-resource and river-basin management, taking into account the ecosystem approach	Goal 1.2: To establish and maintain comprehensive, adequate and representative systems of protected inland water ecosystems within the framework of integrated catchment/watershed/river basin management  Goal 1.3: To enhance the conservation status of inland water biological diversity through rehabilitation and restoration of degraded ecosystems and the recovery of threatened species

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
<i>Goal 3. Promote the conservation of genetic diversity</i>		PROGRAMME ELEMENT 1: CONSERVATION, SUSTAINABLE USE AND BENEFIT-SHARING	PROGRAMME ELEMENT 2: INSTITUTIONAL AND SOCIO-ECONOMIC ENABLING ENVIRONMENT; PROGRAMME ELEMENT 3: KNOWLEDGE, ASSESSMENT AND MONITORING
Target 3.1: Genetic diversity of crops, livestock, and of harvested species of trees, fish and wildlife and other valuable species conserved, and associated indigenous and local knowledge maintained.	Known genetic diversity of crops, livestock, and of harvested species of trees, fish and wildlife and other valuable species dependent upon inland water ecosystems is conserved, and associated indigenous and local knowledge is maintained.	None	[The activities in the POW do not refer explicitly to conserving genetic diversity. However, it is implicit within the use of the term species under targets 1 and 2. In addition, in relation to protected areas, the Ramsar Convention, being the lead agency for the CBD, has considerably enhanced guidance on site designation based upon genetic criteria - see document UNEP/CBD/SBSTTA/11/13]
<b>Promote sustainable use</b>			
<i>Goal 4. Promote sustainable use and consumption</i>		PROGRAMME ELEMENT 2: INSTITUTIONAL AND SOCIO-ECONOMIC ENABLING ENVIRONMENT	
Target 4.1: Biodiversity-based products derived from sources that are sustainably managed, and production areas managed consistent with the conservation of	Target 4.1.1: Products from inland water ecosystem biological diversity derived from sustainable sources.  Target 4.1.2: Aquaculture areas in inland water ecosystems managed consistent with the conservation of inland water biological diversity.	Goal 2.1: To promote the integration of conservation and sustainable use of the biological diversity of inland water ecosystems into relevant sectoral and cross-sectoral plans, programmes, policies and legislation  Goal 2.4: To implement the programme of work for the Global Initiative on Communication, Education	Goal 2.3: To provide the appropriate incentives and valuation measures to support the conservation and sustainable use of inland water biological diversity, and to remove, or reform appropriately, any perverse incentives opposing such conservation and sustainable use of ecosystems, as it relates to biodiversity conservation

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
biodiversity.		and Public Awareness (as adopted by the Conference of the Parties to the Convention on Biological Diversity in its decision VI/19), giving particular attention to matters relating to the conservation and sustainable use of the biological diversity of inland water ecosystems	
Target 4.2 Unsustainable consumption, of biological resources, or that impacts upon biodiversity, reduced.	Some aspects of this target are addressed under target 4.1.		
Target 4.3: No species of wild flora or fauna endangered by international trade.	No species of wild flora or fauna dependent upon inland water ecosystems endangered by international trade.	None	None [“trade” is not mentioned explicitly in the activities of the POW. It is arguably relevant to all related activities promoting conservation and sustainable use, i.e., most of the POW]
<b>Address threats to biodiversity</b>			
<i>Goal 5. Pressures from habitat loss, land-use change and degradation, and unsustainable water use, reduced</i>		PROGRAMME ELEMENT 1: CONSERVATION, SUSTAINABLE USE AND BENEFIT-SHARING	PROGRAMME ELEMENT 2: INSTITUTIONAL AND SOCIO-ECONOMIC ENABLING ENVIRONMENT; PROGRAMME ELEMENT 3: KNOWLEDGE, ASSESSMENT AND MONITORING
Target 5.1: Rate of loss and degradation of natural habitats decreased.	Rate of loss and degradation of inland water ecosystem biological diversity, especially through unsustainable water use, are decreased.	Goal 1.1. To integrate the conservation and sustainable use of biological diversity into all relevant sectors of water-resource and river-basin management, taking into account the ecosystem approach	Goal 2.1: To promote the integration of conservation and sustainable use of the biological diversity of inland water ecosystems into relevant sectoral and cross-sectoral plans, programmes, policies and legislation  Goal 2.2: To encourage the development,

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
		Goal 1.3: To enhance the conservation status of inland water biological diversity through rehabilitation and restoration of degraded ecosystems and the recovery of threatened species	application and transfer of low-cost appropriate technology, non-structural and innovative approaches to water resource management and the conservation and sustainable use of the biological diversity of inland water ecosystems, taking into account any decision taken by the Conference of the Parties at its seventh meeting on technology transfer and cooperation  Goal 2.3: To provide the appropriate incentives and valuation measures to support the conservation and sustainable use of inland water biological diversity, and to remove, or reform appropriately, any perverse incentives opposing such conservation and sustainable use of ecosystems , as it relates to biodiversity conservation
<i>Goal 6. Control threats from invasive alien species</i>		PROGRAMME ELEMENT 1: CONSERVATION, SUSTAINABLE USE AND BENEFIT-SHARING	
Target 6.1: Pathways for major potential alien invasive species controlled.	Pathways for major potential invasive alien species in inland water ecosystems controlled.	Goal 1.4: To prevent the introduction of invasive alien species including exotic stocks that potentially threaten the biological diversity of inland water ecosystems, and to control and, where possible, eradicate established invasive species in these ecosystems	
Target 6. 2: Management plans	Management plans in place and implemented for invasive alien	Goal 1.4: To prevent the introduction of invasive alien species	

<b>Goals and targets as per the framework (decision VII/30, annex II)</b>	<b>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</b>	<b>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</b>	<b>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</b>
in place for major alien species that threaten ecosystems, habitats or species.	species that are considered to present the greatest threat to inland water ecosystems, habitats or species.	including exotic stocks that potentially threaten the biological diversity of inland water ecosystems, and to control and, where possible, eradicate established invasive species in these ecosystems	
<i>Goal 7. Address challenges to biodiversity from climate change, and pollution</i>		PROGRAMME ELEMENT 1: CONSERVATION, SUSTAINABLE USE AND BENEFIT-SHARING	PROGRAMME ELEMENT 2: INSTITUTIONAL AND SOCIO-ECONOMIC ENABLING ENVIRONMENT; PROGRAMME ELEMENT 3: KNOWLEDGE, ASSESSMENT AND MONITORING
Target 7.1: Maintain and enhance resilience of the components of biodiversity to adapt to climate change.	Maintain and enhance resilience of the components of inland water ecosystem biodiversity to adapt to climate change.	None	The activities in the POW do not explicitly address climate change. However decision VII/4 para. 7 states: “ <i>The programme of work should pay particular attention to the impacts of climate change and the role of inland waters in mitigation of and adaptation to climate change. In this process, the programme of work should consider, support and collaborate with ongoing and/or new initiatives in these areas and in particular those related to the conservation and sustainable use of peatlands.</i> ” Therefore, under this context all relevant activities of the POW are relevant (including, <i>inter alia</i> , those included elsewhere in this table)
Target 7.2: Reduce pollution and its impacts on biodiversity.	Substantially reduce pollution and its impacts on inland water ecosystem biodiversity.	Goal 1.1. To integrate the conservation and sustainable use of biological diversity into all relevant sectors of water-resource and river-basin management, taking into account the ecosystem approach  In particular activity 1.1.3: Identify and	

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
		remove the sources, or reduce the impacts, of water pollution (chemical, thermal, microbiological or physical) on the biological diversity of inland waters	
<b>Maintain goods and services from biodiversity to support human well-being</b>			
<i>Goal 8. Maintain capacity of ecosystems to deliver goods and services and support livelihoods</i>		PROGRAMME ELEMENT 1: CONSERVATION, SUSTAINABLE USE AND BENEFIT-SHARING	PROGRAMME ELEMENT 2: INSTITUTIONAL AND SOCIO-ECONOMIC ENABLING ENVIRONMENT; PROGRAMME ELEMENT 3: KNOWLEDGE, ASSESSMENT AND MONITORING
Target 8.1: Capacity of ecosystems to deliver goods and services maintained.	Capacity of inland water ecosystems to deliver goods and services maintained or enhanced.	<p>Goal 1.1. To integrate the conservation and sustainable use of biological diversity into all relevant sectors of water-resource and river-basin management, taking into account the ecosystem approach</p> <p>Goal 1.3: To enhance the conservation status of inland water biological diversity through rehabilitation and restoration of degraded ecosystems and the recovery of threatened species</p> <p>Goal 2.1: To promote the integration of conservation and sustainable use of the biological diversity of inland water ecosystems into relevant sectoral and cross-sectoral plans, programmes, policies and legislation</p> <p>In addition: decision VII/4 para 25 Emphasizes the critical role of inland water biodiversity for sustainable livelihoods and, accordingly, requests the</p>	<p>Goal 1.2: To establish and maintain comprehensive, adequate and representative systems of protected inland water ecosystems within the framework of integrated catchment/watershed/river basin management</p> <p>Goal 2.3: To provide the appropriate incentives and valuation measures to support the conservation and sustainable use of inland water biological diversity, and to remove, or reform appropriately, any perverse incentives opposing such conservation and sustainable use of ecosystems , as it relates to biodiversity conservation</p> <p>Goal 3.1: To develop an improved understanding of the biodiversity found in inland water ecosystems, how these systems function, their ecosystem goods and services and the values they can provide</p> <p>Goal 3.3. To ensure projects and actions</p>

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
		Executive Secretary, in collaboration with the Food and Agriculture Organization of the United Nations and other relevant organizations, to prepare a study on the linkages between conservation and sustainable use of inland water biodiversity and poverty alleviation/sustainable livelihoods, including human health considerations, for consideration by the Conference of the Parties at its eighth meeting	with the potential to impact negatively on the biological diversity of inland water ecosystems are subjected, in accordance with national legislation and where appropriate, to suitably rigorous impact assessments, including consideration of their potential impact on sacred sites and on lands and waters traditionally occupied or used by indigenous and local communities
Target 8.2: biological resources that support sustainable livelihoods, local food security and health care, especially of poor people, maintained.	Inland water biological resources that support sustainable livelihoods, local food security and health care, especially of poor people, maintained and, where depleted, restored.	As per target 8.1	As per target 8.1
<b>Protect traditional knowledge, innovations and practices</b>			
<i>Goal 9. Maintain socio-cultural diversity of indigenous and local communities</i>		PROGRAMME ELEMENT 2: INSTITUTIONAL AND SOCIO-ECONOMIC ENABLING ENVIRONMENT	PROGRAMME ELEMENT 3: KNOWLEDGE, ASSESSMENT AND MONITORING
Target 9.1. Protect traditional knowledge, innovations and practices.	Measures to protect traditional knowledge, innovations and practices associated with the biological diversity of inland water ecosystems implemented, and the participation of indigenous and local communities in activities aimed at this	Goal 2.5: Promote the effective participation of indigenous and local communities and relevant stakeholders in the conservation and sustainable use of biological diversity of inland water ecosystems in accordance with national laws and applicable international	Goal 3.3. To ensure projects and actions with the potential to impact negatively on the biological diversity of inland water ecosystems are subjected, in accordance with national legislation and where appropriate, to suitably rigorous impact assessments, including consideration of their potential impact on sacred sites and on lands and waters traditionally

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
	promoted and facilitated.*	obligations	occupied or used by indigenous and local communities
Target 9.2: Protect the rights of indigenous and local communities over their traditional knowledge, innovations and practices, including their rights to benefit sharing.	Traditional knowledge, innovations and practices regarding biological diversity of inland water ecosystems respected, preserved and maintained, the wider application of such knowledge, innovations and practices promoted with the prior informed consent and involvement of the indigenous and local communities providing such traditional knowledge, innovations and practices, and the benefits arising from such knowledge, innovations and practices equitably shared. *	As for target 9.1	As for target 9.1
<b>Ensure the fair and equitable sharing of benefits arising out of the use of genetic resources</b>			
<i>Goal 10. Ensure the fair and equitable sharing of benefits arising out of the use of genetic resources</i>			
Target 10.1: All transfers of genetic resources are in line with the Convention on Biological Diversity, the International Treaty on Plant Genetic Resources for Food and Agriculture and	All access to genetic resources derived from inland water ecosystems is in line with the Convention on Biological Diversity, **	None - see footnote	None – see footnote

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
other applicable agreements			
Target 10.2: Benefits arising from the commercial and other utilization of genetic resources shared with the countries providing such resources.	Benefits arising from the commercial and other utilization of genetic resources derived from inland water ecosystems shared with the countries providing such resources, **	None - see footnote	None – see footnote
<b>Ensure provision of adequate resources</b>			
<i>Goal 11: Parties have improved financial, human, scientific, technical and technological capacity to implement the Convention</i>			
Target 11.1: New and additional financial resources are transferred to developing country Parties, to allow for the effective implementation of their commitments under the Convention, in accordance with Article 20.	New and additional financial resources are transferred to developing country Parties, to allow for the effective implementation of their commitments for the programme of work on the biological diversity of inland water ecosystems under the Convention, in accordance with Article 20.	None - see footnote	None – see footnote  Decision VII/4 para. 9 recognizes the need for resources, human, technological and financial, to implement effectively the activities under the revised programme of work, including capacity building in the required fields, and in recognition of Article 20 of the Convention
Target 11.2: Technology is transferred to developing country Parties, to allow for the effective implementation of their commitments	Technology is transferred to developing country Parties, to allow for the effective implementation of their commitments for the programme of work on the biological diversity of inland water ecosystems under the Convention,	Goal 2.2: To encourage the development, application and transfer of low-cost appropriate technology, non-structural and innovative approaches to water resource management and the conservation and sustainable use of the biological diversity of inland water ecosystems, taking into account any	

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on inland waters biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/4)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/4)</i>
under the Convention, in accordance with its Article 20, paragraph 4.	in accordance with its Article 20, paragraph 4.	decision taken by the Conference of the Parties at its seventh meeting on technology transfer and cooperation	

\* These targets will be further reviewed following consideration by the Ad Hoc Open-ended Working Group on Article 8(j) and Related Provisions of the Convention on Biological Diversity.

\*\* These targets will be further reviewed following consideration by the Ad Hoc Open-ended Working Group on Access and Benefit-sharing.

#### **ACTIVITIES WHICH ARE CROSS-CUTTING OR CONTRIBUTE TO MORE THAN ONE TARGET:**

The following goals (with their associated activities) in the programme of work are considered to be cross-cutting or supportive in nature in that they contribute to the achievement of the above mentioned targets more generally:

Goal 2.3: To provide the appropriate incentives and valuation measures to support the conservation and sustainable use of inland water biological diversity, and to remove, or reform appropriately, any perverse incentives opposing such conservation and sustainable use of ecosystems, as it relates to biodiversity conservation.

Goal 2.4: To implement the programme of work for the Global Initiative on Communication, Education and Public Awareness (as adopted by the Conference of the Parties to the Convention on Biological Diversity in its decision VI/19), giving particular attention to matters relating to the conservation and sustainable use of the biological diversity of inland water ecosystems

Goal 2.5: Promote the effective participation of indigenous and local communities and relevant stakeholders in the conservation and sustainable use of biological diversity of inland water ecosystems in accordance with national laws and applicable international obligations

Goal 3.1: To develop an improved understanding of the biodiversity found in inland water ecosystems, how these systems function, their ecosystem goods and services and the values they can provide

Goal 3.2: To develop, based on inventories, rapid and other assessments applied at the regional, national and local levels, an improved understanding of threats to inland water ecosystems and responses of different types of inland water ecosystems to these threats

Goal 3.3. To ensure projects and actions with the potential to impact negatively on the biological diversity of inland water ecosystems are subjected, in accordance with national legislation and where appropriate, to suitably rigorous impact assessments, including consideration of their potential impact on sacred sites and on lands and waters traditionally occupied or used by indigenous and local communities

Goal 3.4. To introduce and maintain appropriate monitoring arrangements to detect changes in the status and trends of inland water biodiversity

## Annex II

RELATIONSHIPS BETWEEN GOALS AND THEIR OUTCOME-ORIENTED TARGETS (RECOMMENDATION X/4, ANNEX)  
AND ACTIVITIES FOR THE PROGRAMME OF WORK (POW) ON MARINE AND COASTAL BIOLOGICAL DIVERSITY  
(DECISION VII/45 ANNEX I)

The programme of work contains a large number of activities for each operational objective. For brevity, unless stated otherwise, all of the activities listed under each operational objective (see decision VII/5, annex I) are relevant to achieving the target in question.

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
<b>Protect the components of biodiversity</b>			
<i>Goal 1. Promote the conservation of the biological diversity of ecosystems, habitats and biomes</i>		PROGRAMME ELEMENT 3: MARINE AND COASTAL PROTECTED AREAS;  PROGRAMME ELEMENT 2. MARINE AND COASTAL LIVING RESOURCES;  PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT	PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT;  PROGRAMME ELEMENT 2: MARINE AND COASTAL LIVING RESOURCES
Target 1.1: At least 10% of each of the world's ecological regions effectively conserved.	At least 10% of each of the world's marine and coastal ecological regions effectively conserved.	Operational objective 3.1: To establish and strengthen national and regional systems of marine and coastal protected areas integrated into a global network and as a contribution to globally agreed goals  Operational objective 3.2: To enhance conservation and sustainable use of biological diversity in marine areas beyond the limits of national jurisdiction  Operational objective 3.3: To achieve effective management of existing marine and coastal protected areas.  Operational objective 3.4: To provide support for and facilitate monitoring of existing	Operational objective 1.1: To apply appropriate policy instruments and strategies, including building of capacity, for the effective implementation of IMCAM  Operational objective 1.2: To undertake direct action to protect the marine environment from negative impacts  Operational objective 2.1: To promote ecosystem approaches to the conservation and sustainable use of marine and coastal living resources, including the identification of key variables of interactions, for the purpose of assessing and monitoring, first, components of biological diversity; second, the sustainable use of such components; and third, ecosystem effects.

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
		<p>national and regional systems of marine and coastal protected areas.</p> <p>Operational objective 3.5: To facilitate research and monitoring activities that reflect identified global knowledge gaps and priority information needs of management of marine and coastal protected areas.</p>	<p>Operational objective 2.3: To gather and assimilate information on, build capacity to mitigate the effects of, and to promote policy development, implementation strategies and actions to address: (i) the biological and socio-economic consequences of physical degradation and destruction of key marine and coastal habitats including mangrove ecosystems, tropical and cold-water coral-reef ecosystems, seamount ecosystems and seagrass ecosystems including identification and promotion of management practices, methodologies and policies to reduce and mitigate impacts upon marine and coastal biological diversity and to restore mangrove forests and rehabilitate damaged coral reef; and in particular (ii) the impacts of mangrove forest destruction, coral bleaching and related mortality on coral-reef ecosystems and the human communities which depend upon coral-reef services, including through financial and technical assistance.</p> <p>Operational objective 2.4: To enhance the conservation and sustainable use of biological diversity of marine living resources beyond the limits of national jurisdiction.</p>
<p>Target 1.2: Areas of particular importance to biodiversity protected.</p>	<p>Particularly vulnerable marine and coastal habitats and ecosystems, such as tropical and cold water coral reefs, seamounts, hydrothermal vents mangroves, seagrasses, spawning grounds and other vulnerable areas in marine habitats effectively protected.</p>	<p>Operational objective 1.2: To undertake direct action to protect the marine environment from negative impacts</p> <p>Operational objective 3.1: To establish and strengthen national and regional systems of marine and coastal protected areas integrated into a global network and as a contribution to globally agreed goals</p> <p>Operational objective 3.2: To achieve effective management of existing marine and</p>	<p>Operational objective 3.4: To provide support for and facilitate monitoring of existing national and regional systems of marine and coastal protected areas</p> <p>Operational objective 1.1: To apply appropriate policy instruments and strategies, including building of capacity, for the effective implementation of IMCAM</p> <p>Operational objective 1.3: to develop guidelines for ecosystem evaluation and assessment paying attention to the need to identify and select indicators, including</p>

<p><i>Goals and targets as per the framework (decision VII/30, annex II)</i></p>	<p><i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i></p>	<p><i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i></p>	<p><i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i></p>
		<p>coastal protected areas</p> <p>Operational objective 2.3: To gather and assimilate information on, build capacity to mitigate the effects of, and to promote policy development, implementation strategies and actions to address: (i) the biological and socio-economic consequences of physical degradation and destruction of key marine and coastal habitats including mangrove ecosystems, tropical and cold-water coral-reef ecosystems, seamount ecosystems and seagrass ecosystems including identification and promotion of management practices, methodologies and policies to reduce and mitigate impacts upon marine and coastal biological diversity and to restore mangrove forests and rehabilitate damaged coral reef; and in particular (ii) the impacts of mangrove forest destruction, coral bleaching and related mortality on coral-reef ecosystems and the human communities which depend upon coral-reef services, including through financial and technical assistance.</p> <p>Operational objective 3.2: To enhance conservation and sustainable use of biological diversity in marine areas beyond the limits of national jurisdiction</p>	<p>social and abiotic indicators that distinguish between natural and human-induced effects.</p> <p>Operational objective 2.1: To promote ecosystem approaches to the conservation and sustainable use of marine and coastal living resources, including the identification of key variables of interactions, for the purpose of assessing and monitoring, first, components of biological diversity; second, the sustainable use of such components; and third, ecosystem effects.</p>
<p><i>Goal 2. Promote the conservation of species diversity</i></p>		<p>PROGRAMME ELEMENT 2. MARINE AND COASTAL LIVING RESOURCES;</p> <p>PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT;</p>	<p>PROGRAMME ELEMENT 3: MARINE AND COASTAL PROTECTED AREAS;</p> <p>PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT</p>

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
		PROGRAMME ELEMENT 3: MARINE AND COASTAL PROTECTED AREAS	
Target 2.1: Restore, maintain or reduce the decline of populations of species of selected taxonomic groups.	Reduce the decline of, maintain or restore populations of species of selected taxonomic groups dependent upon inland water ecosystems.	<p>Operational objective 2.1: To promote ecosystem approaches to the conservation and sustainable use of marine and coastal living resources, including the identification of key variables of interactions, for the purpose of assessing and monitoring, first, components of biological diversity; second, the sustainable use of such components; and third, ecosystem effects. <i>(See in particular activities (c), (d), (g), (h) and (i))</i></p> <p>Operational objective 2.2: To make available to Parties information on marine genetic resources beyond national jurisdiction and, as appropriate, on coastal and marine genetic resources under national jurisdiction from publicly available information sources. <i>(See activity (b))</i></p> <p>Operational objective 2.3: To gather and assimilate information on, build capacity to mitigate the effects of, and to promote policy development, implementation strategies and actions to address: (i) the biological and socio-economic consequences of physical degradation and destruction of key marine and coastal habitats including mangrove ecosystems, tropical and cold-water coral-reef ecosystems, seamount ecosystems and seagrass ecosystems including identification and promotion of management practices, methodologies and policies to reduce and mitigate impacts upon marine and coastal biological diversity and to restore mangrove forests and rehabilitate damaged coral reef;</p>	<p>Operational objective 3.2: To enhance the conservation and sustainable use of biological diversity in marine areas beyond the limits of national jurisdiction.</p> <p>Operational objective 3.3: To achieve effective management of existing marine and coastal protected areas</p> <p>Operational objective 1.1: To apply appropriate policy instruments and strategies, including building of capacity, for the effective implementation of IMCAM.</p>

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
		<p>and in particular (ii) the impacts of mangrove forest destruction, coral bleaching and related mortality on coral-reef ecosystems and the human communities which depend upon coral reef services, including through financial and technical assistance</p> <p>Operational objective 2.4: To enhance the conservation and sustainable use of biological diversity of marine living resources beyond national jurisdiction.</p> <p>Operational objective 1.2: To undertake direct action to protect the marine environment from negative impacts. <i>(See in particular activities (a) and (e))</i></p> <p>Operational objective 3.1: To establish and strengthen national and regional systems of marine and coastal protected areas integrated into a global network and as a contribution to globally agreed goals</p>	
<p>Target 2.2: Status of threatened species improved.</p>	<p>Known globally threatened and endangered marine and coastal species, with particular attention to migratory and transboundary species and populations, effectively conserved.</p>	<p>Same as target 2.1</p>	<p>Same as target 2.1</p>
<p><i>Goal 3. Promote the conservation of genetic diversity</i></p>		<p>PROGRAMME ELEMENT 2: MARINE AND COASTAL LIVING RESOURCES</p> <p>PROGRAMME ELEMENT 4: MARICULTURE</p> <p>PROGRAMME ELEMENT 5: INVASIVE ALIEN SPECIES</p>	<p>PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT</p> <p>PROGRAMME ELEMENT 3: MARINE AND COASTAL PROTECTED AREAS</p>

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
<p>Target 3.1: Genetic diversity of crops, livestock, and of harvested species of trees, fish and wildlife and other valuable species conserved, and associated indigenous and local knowledge maintained.</p>	<p>Further losses of known genetic diversity of exploited wild fish and other wild and cultured marine and coastal species prevented, and associated indigenous and local knowledge maintained.</p>	<p>Operational objective 2.1: To promote ecosystem approaches to the conservation and sustainable use of marine and coastal living resources, including the identification of key variables of interactions, for the purpose of assessing and monitoring, first, components of biological diversity; second, the sustainable use of such components; and third, ecosystem effects. <i>(See in particular activities (g), (h) and (i))</i></p> <p>Operational objective 2.2: To make available to the Parties information on marine genetic resources in marine areas beyond national jurisdiction and, as appropriate, on coastal and marine genetic resources under national jurisdiction from publicly available information sources.</p> <p>Operational objective 4.1: To promote use of techniques, which minimize adverse impact of mariculture on marine and coastal biological diversity. <i>(See in particular activities (a) (iv), (v), (vii), (viii) and (ix)).</i></p> <p>Operational objective 5.2: To put in place mechanisms to control all pathways, including shipping, trade and mariculture, for potential invasive alien species in the marine and coastal environment.</p>	<p>Operational objective 1.1: To apply appropriate policy instruments and strategies, including building of capacity, for the effective implementation of IMCAM.</p> <p>Operational objective 1.2: To undertake direct action to protect the marine environment from negative impacts.</p> <p>Operational objective 2.4: To enhance conservation and sustainable use of biological diversity of marine living resources beyond the limits of national jurisdiction.</p> <p>Operational objective 3.1: To establish and strengthen national and regional systems of marine and coastal protected areas integrated into a global network and as a contribution to globally agreed goals</p> <p>Operational objective 3.3: To achieve effective management of existing marine and coastal protected areas.</p>

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
<b>Promote sustainable use</b>			
<i>Goal 4. Promote sustainable use and consumption</i>		PROGRAMME ELEMENT 2: MARINE AND COASTAL LIVING RESOURCES; PROGRAMME ELEMENT 4: MARICULTURE PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT	PROGRAMME ELEMENT 2. MARINE AND COASTAL LIVING RESOURCES; PROGRAMME ELEMENT 3: MARINE AND COASTAL PROTECTED AREAS; PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT
Target 4.1: Biodiversity-based products derived from sources that are sustainably managed, and production areas managed consistent with the conservation of biodiversity.	Target 4.1.1: All exploited fisheries products derived from sources that are sustainably managed, and unsustainable uses of other marine and coastal species minimized.  Target 4.1.2: All mariculture facilities operated consistent with the conservation of biodiversity and social equity.	Target 4.1.1: Operational objective 2.1: To promote ecosystem approaches to the conservation and sustainable use of marine and coastal living resources... (See in particular activities (c), (d), (g), (h) and (i))  Operational objective 2.4: To enhance conservation and sustainable use of biological diversity of marine living resources beyond the limits of national jurisdiction. (See in particular activity (b))  Operational objective 1.2: To undertake direct action to protect the marine environment from negative impacts. (See in particular activities (a) and (e))  Target 4.1.2: Operational objective 4.1: To promote the use of techniques, which minimize adverse impact of mariculture on marine and coastal biodiversity. (See in particular activities (a), (b) and (e)).	Target 4.1.1: Operational objective 1.1: To apply appropriate policy instruments and strategies, including building capacity, for the effective implementation of IMCAM.  Operational objective 3.1: To establish and strengthen national and regional systems of marine and coastal protected areas integrated into a global network and as a contribution to globally agreed goals.  Operational objective 3.2: To enhance conservation and sustainable use of biological diversity in marine areas beyond the limits of national jurisdiction.  Operational objective 3.3: To achieve effective management of existing marine and coastal protected areas
Target 4.2 Unsustainable	Some aspects of this target are addressed under target 4.1.		

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
consumption, of biological resources, or that impacts upon biodiversity, reduced.			
Target 4.3: No species of wild flora or fauna endangered by international trade.	No species of wild marine and coastal flora and fauna endangered by international trade.	None: The programme of work on marine and coastal biodiversity does not contain any activities that explicitly refer to international trade.	Operational objectives 1.1, 1.2, 2.1 and 2.3 are particularly relevant.
<b>Address threats to biodiversity</b>			
<i>Goal 5. Pressures from habitat loss, land-use change and degradation, and unsustainable water use, reduced</i>		PROGRAMME ELEMENT 2: MARINE AND COASTAL LIVING RESOURCES;	PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT; PROGRAMME ELEMENT 3: MARINE AND COASTAL PROTECTED AREAS PROGRAMME ELEMENT 4: MARICULTURE
Target 5.1: Rate of loss and degradation of natural habitats decreased.	Rate of loss and degradation of natural marine and coastal habitats, in particular mangroves, seagrasses, tropical and cold water coral reefs, seamounts, hydrothermal vents and other important habitats, decreased.	Operational objective 2.3: To gather and assimilate information on, build capacity to mitigate the effects of, and to promote policy development, implementation strategies and actions to address: (i) the biological and socio-economic consequences of physical degradation and destruction of key marine and coastal habitats including mangrove ecosystems, tropical and cold-water coral-reef ecosystems, seamount ecosystems and seagrass ecosystems including identification and promotion of management practices, methodologies and policies to reduce and mitigate impacts upon marine and coastal biological diversity and to restore mangrove forests and rehabilitate damaged coral reef; and in particular (ii) the impacts of mangrove forest destruction, coral bleaching and related mortality on coral-reef ecosystems and the human communities which depend upon coral reef services, including through financial and	Operational objective 1.1, all activities, in particular (a) and (b).  Operational objective 1.2  Operational objective 2.1, all activities, especially (c), (d), (g), (h) and (i)  Operational objective 3.1  Operational objective 3.2 Operational objective 3.3  Operational objective 4.1

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
		<p>technical assistance</p> <p>Operational objective 2.4: To enhance conservation and sustainable use of biological diversity of marine living resources in areas beyond the limits of national jurisdiction.</p>	
<i>Goal 6. Control threats from invasive alien species</i>		<b>PROGRAMME ELEMENT 5: INVASIVE ALIEN SPECIES</b>	<b>PROGRAMME ELEMENT 4: MARICULTURE</b>
Target 6.1: Pathways for major potential alien invasive species controlled.	Pathways for major potential invasive alien species in marine and coastal ecosystems controlled.	<p>Operational objective 5.1: To achieve a better understanding of the pathways and causes of the introduction of alien species and the impact of such introductions on biological diversity.</p> <p>Operational objective 5.2: To put in place mechanisms to control all pathways, including shipping, trade and mariculture, for potential invasive alien species in the marine and coastal environment.</p> <p>Operational objective 5.3: To maintain an incident list on introductions of alien species.</p>	Operational objective 4.1, activities (a) (vii), (viii), (ix), and (b) and (e).
Target 6. 2: Management plans in place for major alien species that threaten ecosystems, habitats or species.	Management plans in place and implemented for invasive alien species that are considered to present the greatest threat to marine and coastal ecosystems, habitats or species.	None of the operational objectives explicitly refer to management plans. However, activities (a), (b), (c), (e) and (f) under operational objective 5.3 relate to management of invasive alien species beyond the control of pathways.	Same as above.

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
<i>Goal 7. Address challenges to biodiversity from climate change, and pollution</i>		PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT; PROGRAMME ELEMENT 2: MARINE AND COASTAL LIVING RESOURCES; PROGRAMME ELEMENT 3: MARINE AND COASTAL PROTECTED AREAS	ALL PROGRAMME ELEMENTS
Target 7.1: Maintain and enhance resilience of the components of biodiversity to adapt to climate change.	Maintain and enhance resilience of the components of marine and coastal biodiversity to adapt to climate change.	Operational objective 2.3: To gather and assimilate information on, build capacity to mitigate the effects of, and to promote policy development, implementation strategies and actions to address: (i) the biological and socio-economic consequences of physical degradation and destruction of key marine and coastal habitats including mangrove ecosystems, tropical and cold-water coral-reef ecosystems, seamount ecosystems and seagrass ecosystems including identification and promotion of management practices, methodologies and policies to reduce and mitigate impacts upon marine and coastal biological diversity and to restore mangrove forests and rehabilitate damaged coral reef; and in particular (ii) the impacts of mangrove forest destruction, coral bleaching and related mortality on coral-reef ecosystems and the human communities which depend upon coral reef services, including through financial and technical assistance.  In addition, see <i>Specific Workplan on Coral Bleaching</i> in Appendix 1 of decision VII/5. Section 1 contains management actions and strategies to support reef resilience, rehabilitation and recovery. Other sections	The implementation of the activities under all programme elements of the programme of work will enhance the resilience of marine and coastal ecosystems. Of particular importance would be activities under programme elements 1, 2 and 3.

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
		<p>also refer to climate change.</p> <p>Operational objective 3.3: To achieve effective management of existing marine and coastal protected areas. <i>Activity (b) refers to climate change.</i></p>	
<p>Target 7.2: Reduce pollution and its impacts on biodiversity.</p>	<p>Substantially reduce land-based and seabased sources of marine pollution and their impacts on biodiversity.</p>	<p>Operational objective 1.2: To undertake direct action to protect the marine environment from negative impacts. <i>Activity (b) refers to control of sea-based pollution and activity (c) to control of land-based pollution.</i></p>	<p>Operational objective 1.1.</p>
<b>Maintain goods and services from biodiversity to support human well-being</b>			
<p><i>Goal 8. Maintain capacity of ecosystems to deliver goods and services and support livelihoods</i></p>		<p>PROGRAMME ELEMENT 1: IMPLEMENTATION OF INTEGRATED MARINE AND COASTAL AREA MANAGEMENT; PROGRAMME ELEMENT 2: MARINE AND COASTAL LIVING RESOURCES; PRORGAMME ELEMENT 3: MARINE AND COASTAL PROTECTED AREAS</p>	<p>ALL PROGRAMME ELEMENTS</p>
<p>Target 8.1: Capacity of ecosystems to deliver goods and services maintained.</p>	<p>Capacity of marine and coastal ecosystems to deliver goods and services maintained or enhanced.</p>	<p>Operational objective 1.1: To apply appropriate policy instruments and strategies, including building of capacity, for effective implementation of IMCAM.</p> <p>Operational objective 1.2: To undertake direct action to protect the marine environment from negative impacts.</p> <p>Operational objective 2.1: To promote ecosystem approaches to the conservation and sustainable use of marine and coastal living resources, including the identification of key variables or interactions, for the purpose of assessing and monitoring, first, components of</p>	<p>The implementation of the activities under all programme elements of the programme of work will enhance the capacity of ecosystems to deliver goods and services.</p>

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
		<p>biological diversity; second, the sustainable use of such components; and, third, ecosystem effects.</p> <p>Operational objective 2.3: To gather and assimilate information on, build capacity to mitigate effects of, and promote policy development, implementation strategies and actions to address: (i) the biological and socio-economic consequences....</p> <p>Operational objective 2.4: To enhance conservation and sustainable use of biological diversity of marine living resources in areas beyond the limits of national jurisdiction.</p> <p>Operational objective 3.1: To establish and strengthen national and regional systems of marine and coastal protected areas integrated into a global network and as a contribution to globally agreed goals</p> <p>Operational objective 3.2: to enhance the conservation and sustainable use of biological diversity in marine areas beyond the limits of national jurisdiction.</p> <p>Operational objective 3.3: To achieve effective management of existing marine and coastal protected areas.</p>	
Target 8.2: biological resources that support sustainable livelihoods, local food security and health care, especially of poor people, maintained.	Marine and coastal biological resources that support sustainable livelihoods, local food security and health care, especially of poor people, maintained and, where depleted, restored.	As per target 8.1	As per target 8.1

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
<b>Protect traditional knowledge, innovations and practices</b>			
<i>Goal 9. Maintain socio-cultural diversity of indigenous and local communities</i>		PROGRAMME ELEMENTS 1, 2, 3 and 4.	ALL OTHER PROGRAMME ELEMENTS
Target 9.1. Protect traditional knowledge, innovations and practices.	Measures to protect traditional knowledge, innovations and practices associated with marine and coastal biological diversity implemented, and the participation of indigenous and local communities in activities aimed at this promoted and facilitated.*	<p>Operational objective 1.1: To apply appropriate policy instruments and strategies... <i>Activity (i) refers to guidance on maintenance of wider application of local and traditional knowledge.</i></p> <p>Operational objective 2.1: To promote ecosystem approaches to the conservation and sustainable use of marine and coastal living resources... <i>Activities (e) and (h) refer to traditional knowledge.</i></p> <p>Operational objective 2.3: <i>The Specific Workplan on Coral Bleaching (Appendix 1) contains activities relevant to traditional knowledge.</i></p> <p>Programme element 3 (MCPAs): <i>The goal of the programme element refers to traditional practices. See also research priority 3.5 in Appendix 4, and Annex 4 paragraph 11.</i></p> <p>Operational objective 4.1: To promote use of techniques, which minimize adverse impact of mariculture on marine and coastal biodiversity. <i>Activities (a) (i) and (xiii) refer to considering traditional knowledge in sustainable mariculture. See also (c) (ii) in Appendix 5.</i></p>	The preamble of the programme of work (decision VII/5, paragraph 7) states that “the implementation of the programme of work should be carried out with the full and effective participation of indigenous and local communities as appropriate and respect of their rights under domestic and applicable international law. In this context, Article 6.18 of the FAO Code of Conduct for Responsible Fisheries, which highlights the need to protect the preferential access rights of fishers and fishworkers, particularly those engaged in subsistence, small-scale and artisanal fisheries, to traditional fishing grounds and resources, should be noted.”
Target 9.2: Protect the rights of indigenous and local communities over their traditional		As for target 9.1	As for target 9.1

<i>Goals and targets as per the framework (decision VII/30, annex II)</i>	<i>Application of the targets to the programme of work on marine and coastal biodiversity (recommendation X/4 annex)</i>	<i>Activities explicitly relevant under programme elements and goals of the programme of work (decision VII/5)</i>	<i>Additional activities relevant under programme elements and goals of the programme of work (decision VII/5)</i>
knowledge, innovations and practices, including their rights to benefit sharing.			
<b>Ensure the fair and equitable sharing of benefits arising out of the use of genetic resources</b>			
<i>Goal 10. Ensure the fair and equitable sharing of benefits arising out of the use of genetic resources</i>		PROGRAMME ELEMENT 2: MARINE AND COASTAL LIVING RESOURCES	
Target 10.1: All transfers of genetic resources are in line with the Convention on Biological Diversity, the International Treaty on Plant Genetic Resources for Food and Agriculture and other applicable agreements	All access to genetic resources derived from marine and coastal biological diversity in line with the Convention on Biological Diversity, **	Limited mention: Operational objective 2.2: To make available to the Parties information on marine genetic resources in marine areas beyond national jurisdiction and, as appropriate, on coastal and marine genetic resources under national jurisdiction from publicly available information sources.	None
Target 10.2: Benefits arising from the commercial and other utilization of genetic resources shared with the countries providing such resources.	Benefits arising from the commercial and other utilization of genetic resources derived from marine and coastal biological diversity shared with the countries providing such resources, **	Same as above.	None
<b>Ensure provision of adequate resources</b>			
<i>Goal 11: Parties have improved financial, human, scientific, technical and technological capacity to implement the Convention</i>			
Target 11.1: New and additional financial resources are transferred to developing country Parties, to allow for the effective implementation of their commitments under the	New and additional financial resources are transferred to developing country Parties, to allow for the effective implementation of their commitments for the programme of work on the biological diversity of inland water ecosystems under the Convention, in accordance with Article 20.	The preamble to the programme of work (decision VII/5 paragraph 8) states that “in accordance with the Millennium Development Goals, the implementation of the programme of work aims to make a direct contribution to poverty alleviation. Its successful implementation will require national and regional capacity-building and financial resources for developing country Parties, in	None

<p>Convention, in accordance with Article 20.</p>		<p>particular the least developed and small island developing States among them.”</p> <p>In addition, operational objective 2.1, activity (h); operational objective 2.3; operational objective 3.3, activity (a); operational objective 3.4, activity (a); and enabling activity (i) explicitly refer to the need for financial resources.</p>	
<p>Target 11.2: Technology is transferred to developing country Parties, to allow for the effective implementation of their commitments under the Convention, in accordance with its Article 20, paragraph 4.</p>	<p>Technology is transferred to developing country Parties, to allow for the effective implementation of their commitments for the programme of work on marine and coastal biological diversity under the Convention, in accordance with its Article 20, paragraph 4.</p>	<p>Operational objective 3.4: To provide support for and facilitate monitoring of national and regional systems of marine and coastal protected areas. Activity (c) refers to technology transfer.</p> <p>Enabling activity (h): Undertaking capacity-building, technology transfer, public education and awareness, and training in order to improve the implementation of this programme of work.</p>	