



Convention on the Conservation of Migratory Species of Wild Animals

Secretariat provided by the United Nations Environment Programme



THIRTEENTH MEETING OF THE CMS SCIENTIFIC COUNCIL

Nairobi, Kenya, 16-18 November 2005

CMS/ScC.13/Doc.3

DRAFT STRATEGY IMPLEMENTATION PLAN 2006-2011 OF THE CMS SCIENTIFIC COUNCIL

(Note prepared by the Secretariat)

1. The 7th Meeting of the CMS Conference of the Parties (COP7) instructed the Scientific Council (ScC) “to produce a strategy on its scientific and conservation work, taking into account the ecology of species listed in the CMS Appendices as well as the factors which may threaten or endanger migratory species, leading to clear priorities for action and including appropriate considerations of monitoring the implementation of such strategy” (Res. 7.12). The 11th Meeting of the Scientific Council also recommended the convening of a workshop aimed at developing the strategy, to be held before the 12th Meeting of the Council.

2. In order to initiate the process to address Res. 7.12, a workshop was held on 27-28 November 2003 in Edinburgh (UK), at the invitation of the Scottish Natural Heritage. The participants included:

- The current Chairman and Vice-Chairman of the Scientific Council;
- The former Chairman of the Scientific Council;
- The COP appointed Councillors for aquatic mammals/large fishes, terrestrial mammals (represented by Dr R. Beudels-Jamar de Bolsee), and birds;
- The Chair of the CMS open-ended Strategic Plan Working Group;
- Representatives of the Secretariat and of UNEP-WCMC; and
- Dr M. Moser (former COP appointed Councillor for Birds, and facilitator of the workshop).

3. The aims of the workshop were to:

- a. Review and enhance the draft CMS Strategic Plan 2006-2011, as a basis for developing the Scientific Council Strategy.
- b. Consider what additional documents are required for a Scientific Council Strategy.
- c. Assess the conservation and scientific achievements of CMS, and identify priority activities for the Scientific Council with regard to the ecology of species listed in the CMS Appendices as well as the factors that may threaten or endanger migratory species.
- d. On the basis of objectives 1, 2 & 3 above, prepare the basis for a draft strategic programme for the Scientific Council for the period 2006-2011.

- e. Consider the modus operandi of the Scientific Council, and make recommendations for enhancing the effectiveness of its work during 2006-2011.
4. The workshop was successful in meeting these objectives. In particular, it concluded that the Scientific Council should develop a Strategy Implementation Plan, within the overall framework provided by the CMS Strategic Plan. The workshop main outputs were as follows:
 - A draft list of priority activities and planned outputs, including proposals to enhance the modus operandi of the Scientific Council that might be needed to deliver the priority activities; and
 - An agreed format and process for the preparation of a Strategy Implementation Plan for the Scientific Council.
5. On the basis of the outcomes of the workshop, Dr. Moser prepared, in consultation with the participants in the workshop, a first draft of the Strategy Implementation Plan for the Scientific Council. The draft was submitted to the 12th Meeting of the Scientific Council (Glasgow, 31 March - 3 April 2004). The meeting endorsed the approach recommended by the workshop, reviewed the document and produced a revised version of it (as reflected in document CMS/ScC.13/Inf.1).
6. The draft Strategy Implementation Plan was submitted to the 27th meeting of the Standing Committee (Bonn, 22-25 June 2004), with the main purpose of:
 - a. Reporting to the Standing Committee of the Convention, as body representing the Conference of the Parties intersessionally, on the progress made by the Scientific Council in meeting the relevant instructions given by COP7.
 - b. Requesting the advice of the Standing Committee on the approach adopted by the Council in developing its Strategy document, and more specifically on the format of the draft Strategy Implementation Plan.
 - c. To request the advice of the Standing Committee on the Plan as a whole, and on some specific actions having significant technical and financial implications for the new triennium work programme and budget.
7. The Standing Committee commended the work undertaken by the Scientific Council, and acknowledged that its disciplined approach offered very useful guidance also for the further development of the Convention's Strategic Plan. On the subject of the concordance between the Council's Strategy Implementation Plan and the Convention's Strategic Plan, considering that the Scientific Council's Strategy Implementation Plan had been developed using as a frame the draft Strategic Plan 2006-2011 of the Convention, and that the Strategic Plan was still evolving, a reconciliation of the draft Scientific Council Implementation Plan and the draft Strategic Plan was considered appropriate once the latter would have been close to a final version.
8. Work on the draft CMS Strategic Plan for 2006-2011 undertaken after the 27th meeting of the Standing Committee led to a profound revision of the document. A final draft to be submitted to the 8th meeting of the Conference of the Parties was finalized after the 28th meeting of the Standing Committee (Bonn, 21-22 April 2005). The document is tabled under the code UNEP/CMS/Res.8.2/Rev.1.

9. A reconciliation of the draft Council's Strategy Implementation Plan with the revised draft Strategic Plan was entrusted to Dr. Moser, who had already prepared the first draft version of the implementation Plan submitted to the 12th meeting of the Council, with financial support from the UK Government. The output of this harmonization exercise was a revised draft *CMS Scientific Council Strategy Implementation Plan 2006-2011*, which is attached to the present note.

10. The present version of the Strategy Implementation Plan includes a certain number of structural changes with respect to the previous draft:

- A cover sheet in the same format as that of the CMS Strategic Plan has been added.
- The "Introduction" has been revised to bring it in line with the CMS Strategic Plan.
- The action tables have been formatted, reordered and re-numbered under the headings of the four objectives of the CMS Strategic Plan.
- The terminology of the headings has been harmonised (eg. use of Indicators, Milestones).
- New sub-Objectives (previously called Operational Objectives) have been developed to provide a grouping of related actions under each Objective.
- A column has been added to show the linkage between each ScC Action and the corresponding Target of the CMS Strategic Plan.
- The document has been cross-checked and cross-referenced with the CMS Strategic Plan.

11. Although most of the sub-objectives (previously Operational Objectives) have necessarily been altered, no substantive changes have been made to the content of the Actions previously defined for the Scientific Council.

12. As a result of cross-checking between the documents, two Targets were identified in the Strategic Plan, which were not adequately addressed in the ScC Strategy Implementation Plan. New Actions were therefore drafted as follows:

1.4.6 Review standards of recent CMS-commissioned research reports, and develop guidelines for improved quality control and standardisation. (See Target 1.7).

1.6.1 Prepare guidance for the Secretariat on the Scientific Council's requirements from the proposed CMS Information Management System, and review effectiveness of the IMS once it has been established. (See Target 1.8).

Action requested:

The Scientific Council is expected to examine and finalize the *CMS Scientific Council Strategy Implementation Plan 2006-2011*.



**CONVENTION ON THE CONSERVATION
OF
MIGRATORY SPECIES OF WILD ANIMALS**

CMS SCIENTIFIC COUNCIL

**[DRAFT] STRATEGY IMPLEMENTATION PLAN
2006 - 2011**

INTRODUCTION

This Strategy Implementation Plan describes the contribution that the CMS Scientific Council will make to the implementation of the CMS Strategic Plan for 2006-2011¹ and is a response to COP Resolution 7.12.

The specific functions of the Scientific Council are defined in the text of the Convention, and can be summarised as:

- providing scientific advice to the Conference of the Parties, and all other bodies of the Convention, including Agreements;
- recommending and evaluating research on migratory species;
- making recommendations as to the migratory species to be included in Appendices I and II;
- making recommendations as to specific conservation and management measures to be included in Agreements on migratory species; and
- recommending solutions to problems relating to the scientific aspects of the implementation of CMS, in particular with regard to the habitats of migratory species.

The work of the Scientific Council therefore contributes to the overall CMS Strategic Plan particularly through its first two Objectives, which are:

1. *To ensure that the conservation and management of migratory species is based on the best available information; and*
2. *To ensure that migratory species benefit from the best possible conservation measures*

However, the work of the Scientific Council also provides much information for raising awareness about the work of the Convention (Objective 3), and also needs to link well with the other instruments of the Convention, as well as other Multilateral Environmental Agreements (MEAs) and partners (Objective 4).

This is the first Strategy Implementation Plan to be adopted by the Scientific Council, representing a major shift to a more strategic and outcome-focused way of working. The main changes are:

1. The development of a number of strategic rolling documents to summarise key information for decision-making by the Convention, including a regular review of the status of species on Appendix I.
2. Improved scientific integrity of the Convention's Appendices (taxonomy and completion).
3. Enhanced attention to species on Appendix I.
4. Enhanced attention to issues concerning habitat loss and fragmentation.
5. Greater scientific cooperation between the Scientific Council and CMS Agreements, and with the technical bodies of other conventions.

Each Activity has been designed to be measurable, with defined milestones for completion, so that progress can be assessed regularly. It is recommended that evaluations of the implementation of this plan be presented to the ninth and tenth meetings of the COP. The format of this Implementation Plan is organised around the four Objectives of the CMS Strategic Plan, with actions cross-referenced to the relevant Targets.

¹ In order to plan for this period, some activities that began in 2004 and 2005 have also been included.

**CMS STRATEGIC PLAN OBJECTIVE 1
TO ENSURE THAT THE CONSERVATION AND MANAGEMENT OF MIGRATORY SPECIES IS BASED ON THE BEST AVAILABLE
INFORMATION**

No.	Scientific Council Action	Indicators, Milestones	Strategic Plan Target
1.1	Ensure that the best information is available for the conservation and management of endangered migratory species with regard to CMS Appendix I		
1.1.1	Undertake summary scientific reviews of the main taxonomic groups of migratory species, to identify outstanding candidate species for listing on Appendix I (based on the scientific criteria defined in CMS Res. 5.3). This process should also clarify the level of completion required with respect to already listed populations / partial listings. This work should be done using, to the fullest extent possible, the expertise in the Scientific Council.	ScC14 Aquatic mammals review assessed ScC14 Aquatic reptiles review assessed ScC14 Terrestrial mammals review assessed ScC14 Birds review assessed ScC14 Bats review assessed ScC16 Fishes review assessed ScC16 Invertebrates (Butterflies) review assessed	1.1
1.1.2	Using the results from action 1.1.1, and following review by the Scientific Council, prepare and maintain a list of species which meet the scientific criteria for listing on Appendix I (see CMS Res.5.3), but which have not yet been listed. This list, which should be prioritised according to the IUCN Categories of Threat and should include a list of range states, should become known as the <i>ScC Appendix I Candidate List</i> , and should become a regular internal working document of the Scientific Council.	ScC13 Concept/format for List approved ScC14 1st additions to the List approved ScC16 List reviewed and updated	1.2, 2.1
1.1.3	Prepare a prioritised list of Appendix I species for concerted action taking into account also the feasibility of achieving positive conservation outcomes. Include with this list a record of all concerted actions so far undertaken by CMS and others. This information should be included in the <i>CMS Appendix I Action for Recovery Table</i> .	ScC13 Concept/format for Table approved ScC14 Prioritised list approved	2.4
1.1.4	Review the availability of action plans for all Appendix I species, including format, dates of preparation and review, source, comprehensiveness / adequacy. Include this information in the <i>CMS Appendix I Action for Recovery Table</i> , and make appropriate recommendations to meetings of the COP.	ScC13 Concept/format for Table approved ScC14 Review completed and information included in Table ScC14 Prioritised list of species requiring action plans approved, deadlines and owners agreed ScC15 Rec. submitted to COP9 ScC16 Table reviewed ScC17 Rec. submitted to COP10	2.4
1.1.5	Prepare new Action Plans (prioritised according to threat status), according to the CMS format, for the protection and recovery of all Appendix I species that do not yet have one, to identify key priorities and provide a framework for concerted action and evaluation. Where information or resources are lacking, a review report (preliminary action plan (See Res. 3.2)) should be prepared as a first step.	ScC16 Review progress on new action plans ScC17 Report on progress on new action plans	2.4
1.1.6	Undertake a complete review of Appendix I for consideration at every 3 rd COP (starting with COP9). This review should include the following items: a review of the status of the Appendix (level of completion); review of the principles and procedures for listing or de-listing; adoption, if necessary, of changes to the taxonomic reference systems.	ScC13 TOR and procedure for review agreed ScC14 Results of review considered ScC15 Rec. submitted to COP9 ScC17 Progress reviewed	2.1

1.1.7	Through the CMS-IMS, the Scientific Council will report to each meeting of the COP on the population status (size and range) of all Appendix I species and level of protection in each range state, using the most up to date information available. This will be achieved by means of a standardised report (included within the <i>CMS Appendix I Action for Recovery Table</i>). Methods will be developed to show clearly whether the status of each species is stable, increasing or declining.	ScC14 Methodologies for reporting approved ScC15 Report agreed for submission to COP9, with Rec. ScC16 Report reviewed ScC17 Report agreed for submission to COP10, with Rec.	1.1, 2.2, 4.1
1.1.8	Through the CMS-IMS, the Scientific Council will report to each meeting of the COP on the concerted actions being undertaken for all Appendix I species, using the most up to date information, by means of a standardised report (included within the <i>CMS Appendix I Action for Recovery Table</i>).	ScC14 Methodologies for reporting approved ScC15 Report agreed for submission to COP9, with Rec. ScC16 Report reviewed ScC17 Report agreed for submission to COP10, with Rec.	1.1
1.2 Ensure that the best information is available for the conservation and management of migratory species with an unfavourable conservation status (Appendix II species (Art. IV))			
1.2.1	Undertake summary scientific reviews, by taxonomic group, to identify those migratory species and groups of species with an unfavourable conservation status that would significantly benefit from new CMS Cooperative Actions, including Agreements. This work should be done using, to the fullest extent possible, the expertise in the Scientific Council.	ScC14 Aquatic mammals review assessed ScC14 Aquatic reptiles review assessed ScC14 Terrestrial Mammals review assessed ScC14 Birds review assessed ScC14 Bats review assessed ScC16 Fishes review assessed ScC16 Invertebrates (Butterflies) review assessed	1.1
1.2.2	Using the results of activity 1.2.1, and following review by the Scientific Council, prepare and maintain a list of species which meet the scientific criteria for listing on Appendix II, but which have not yet been listed. This list, which should be prioritised according to the IUCN Categories of Threat, should become known as the <i>ScC Appendix II Candidate List</i> , and should become a regular working document of the Scientific Council.	ScC13 Concept/format for List approved ScC14 1st additions to the List approved ScC16 List reviewed and updated	1.2, 2.1
1.2.3	Develop and maintain an overview of all Agreements, regional initiatives, and other cooperative actions/initiatives being undertaken under CMS and other auspices for migratory species with an unfavourable conservation status. This should be known as the <i>CMS Appendix II Agreements and MOUs Table</i> , which should become a working document of the Scientific Council.	ScC13 Concept/format for Table approved ScC14 1st additions to the Table approved ScC16 Table reviewed and updated	1.2
1.2.4	Undertake a complete review of Appendix II for consideration at every 3 rd COP (starting with COP10). This review should include the following items: a review of the status of the Appendix (level of completion); review of the principles and procedures for listing or de-listing; adoption, if necessary, of changes to the taxonomic reference systems.	ScC15 TOR and procedure for review agreed ScC17 Results of review considered and Rec. submitted to COP10	2.1
1.2.5	Develop a rolling programme of outcome-focused reviews of the effectiveness of CMS Agreements and other cooperative actions in conserving species on Appendix II. This should also include review of any initiatives to launch a Cooperative Action that have stalled for more than 3 years. Following consideration of the results of such reviews, submit recommendations to meetings of the COP for their enhancement and to improve synergies.	ScC13 TOR and list of reviews agreed ScC14 50% of reviews completed and assessed by Scientific Council ScC15 All reviews completed and assessed by Scientific Council. Rec. submitted to COP9	2.5

1.3 Ensure that the best information is available to identify and assess the major threats to migratory species			
1.3.1	Review the results of scientific work on climate change under the auspices of other bodies, as well as by Contracting Parties. Assess the relevance and importance of such work for the conservation of migratory species and the aims of the CMS (Rec 5.5).	ScC12 TOR for review agreed ScC13 Review considered and Rec. submitted to COP8	1.4, 2.6
1.3.2	Review the effects of hunting (taking) on migratory species, particularly marine mammals/large fish, marine turtles, large terrestrial mammals and birds, to identify priority issues to be addressed through CMS.	ScC13 TOR for review agreed ScC14 Review considered ScC15 Rec. submitted to COP9	1.4, 2.6
1.3.3	Review the effects of by-catch and unregulated fisheries on migratory species, particularly of marine mammals, large marine fish, marine turtles and albatrosses/petrels to identify priority issues to be addressed through CMS.	ScC13 TOR for review agreed ScC14 Review considered ScC15 Rec. submitted to COP9	1.4, 2.6
1.3.4	Review the effects of habitat loss, fragmentation and degradation on migratory species in terrestrial and coastal environments (particularly wetlands, forests, grasslands, arid lands) to identify priority issues to be addressed through CMS.	ScC15 TOR for review agreed ScC16 Review considered ScC17 Rec. submitted to COP10	1.4, 2.6, 2.7
1.3.5	Review the effects of barriers to migration on migratory species.	ScC13 TOR for review agreed ScC14 Review considered ScC15 Rec. submitted to COP9	1.4, 2.6
1.3.6	Review the effects of pollution (including oil pollution – see Res. 7.3), disease and alien invasive species on migratory species to identify priority issues to be addressed through CMS.	ScC15 TOR for review agreed ScC16 Review considered ScC17 Rec. submitted to COP10	1.4, 2.6
1.3.7	Identify (through the Action Plans described under Operational Objective 1.3) networks of critical sites for Concerted Action species throughout their range.	ScC13 Methodology approved ScC15 Critical Sites identified for >50% of species listed on Appendix I ScC17 Critical Sites identified for >90% of species listed on Appendix I	2.2, 2.3, 2.7
1.3.8	Identify, in the framework of Agreements or the preparation of Cooperative Actions, important ecological networks of sites/habitats and key migration corridors required by Appendix II species.	Adequacy of knowledge determined in reviews under Activity 4.1.1 ScC15 Rec. submitted to COP9 identifying priorities for further work	2.7
1.3.9	Build on work already initiated by the Scientific Council (Doc. UNEP/CMS/ScC 5.3) through a commissioned study, to advise how CMS can most effectively address the problems caused by obstacles to migration. Special attention should be given to impacts on Appendix I species.	ScC13 TOR for study approved ScC15 Study reviewed and Rec. submitted to COP9	1.4
1.3.10	Undertake regular evaluation of the contribution that CMS has made to controlling, removing or mitigating threats to animal migration	ScC17 1 st evaluation completed, and Rec. submitted to COP10	1.4, 2.6, 4.2
1.4 Ensure that strategic research provides the necessary evidence to address the major issues affecting migratory species			
1.4.1	On the basis of the reviews described in Activities 1.1.1 and 1.2.1, and species Action Plans, identify the main strategic research priorities required to address the conservation of migratory species.	ScC16 Research priorities for Appendix I and II species assessed	1.6

1.4.2	Maintain a <i>List of CMS Research Priorities</i> , as identified in 1.4.1, that can be promoted widely to national and international research funding bodies.	ScC13 Concept/Format of List approved ScC13 1 st draft of List submitted to COP8 with Rec. ScC15 List submitted to COP9 with Rec. ScC17 List submitted to COP10 with Rec.	1.6
1.4.3	Explore the best ways and means to promote and facilitate scientific and technical co-operation and research on migratory species (including via the CBD Clearing House Mechanism).	ScC14 Options reviewed ScC15 Rec. submitted to Cop9	1.6, 1.8
1.4.4	Use the information gathered under actions 1.4.1 and 1.4.2 to prepare a report to each meeting of the COP on the progress in research, and the outstanding research priorities, as summarised in the <i>List of CMS Research Priorities</i> .	ScC15 Progress reported to COP9 ScC17 Progress reported to COP10	1.6
1.4.5	Ensure that all Action Plans for Appendix I species adequately address the priority needs for monitoring and research on these species.	Assessment completed through Actions 1.1.4 & 1.1.5	1.6, 2.4
1.4.6	Review standards of recent CMS-commissioned research reports, and develop guidelines for improved quality control and standardisation	ScC14 Review completed and Guidelines agreed	1.7
1.5	Ensure that effective monitoring provides the necessary evidence to address the major issues affecting migratory species		
1.5.1	Incorporate in the <i>CMS Appendix I Actions for Recovery Table</i> , information showing whether or not adequate monitoring information is being provided per Range State for each Appendix I listed species. Advise each meeting of the COP to address any gaps in monitoring, and to provide any necessary support to increase the capacity of developing countries to undertake monitoring, particularly of Appendix I species.	ScC15 Table reviewed and draft Rec. submitted to COP9 ScC17 Table reviewed and draft Rec. submitted to COP10	1.5, 1.6
1.5.2	On the basis of monitoring information provided through the CMS-IMS for Appendix I species, include a simple assessment of population trend (stable, increasing, declining, unknown) for each species in the <i>CMS Appendix I Actions for Recovery Table</i> .	ScC15 Assessment included in Table ScC17 Updated assessment included in Table	1.3
1.5.3	Through the development of closer scientific liaison with daughter Agreements, promote collaboration and enhancement of monitoring programmes, where necessary through appropriate recommendations to the COP and capacity building.	Adequacy reviewed through Activities 4.1.1 and 4.1.2	1.6
1.5.4	Use the information gathered under actions 1.1.1, 1.2.1 and 1.5.1 to prepare a report to each meeting of the COP on the progress in monitoring of migratory species, and the outstanding monitoring priorities.	ScC15 Progress reported to COP9 ScC17 Progress reported to COP10	1.6
1.5.5	Identify experts on migratory species who could be included on the CBD roster of experts, to aid development of indicators.	ScC13 Experts identified	1.3, 1.6
1.5.6	Organize a technical workshop or commission a study to examine migratory species as indicators, as a contribution to the CBD work programme on indicators (Action 9.4 of CMS-CBD JWP).	ScC14 Workshop organised and results reviewed	1.3, 1.6
1.5.7	From a candidate list of indicators identified in 1.5.6 (including Appendix I species, marine / coastal / terrestrial / freshwater species, threats), select and develop 1-3 SIMPLE indicators of the status of migratory species, as a contribution to WSSD targets and to support a CMS bid for Action Funds.	ScC15 Draft indicators submitted to COP9 with Rec.	1.3, 1.6
1.6	Contribute to an effective CMS Information Management System		
1.6.1	Prepare guidance for the Secretariat on the Scientific Council's requirements from the proposed CMS Information Management System, and review effectiveness of the IMS once it has been established.	ScC14 Define ScC requirements from CMS Information Management System (IMS) ScC16 Review effectiveness of CMS-IMS	1.8

CMS STRATEGIC PLAN OBJECTIVE 2			
TO ENSURE THAT MIGRATORY SPECIES BENEFIT FROM THE BEST POSSIBLE CONSERVATION MEASURES			
No.	Scientific Council Action	Indicators, Milestones	Strategic Plan Target
2.1	Ensure the best possible conservation measures for endangered migratory species with regard to Appendix I		
2.1.1	Support Contracting Parties (particularly developing countries) to prepare and submit standard proposals for listing of species that are on the <i>ScC Appendix I Candidate List</i> , using CMS-IMS, GROMS and IUCN Red Lists as information resources.	ScC15 Listing proposals reviewed/submitted to COP9 for >50% of species on List ScC17 Listing proposals reviewed/submitted to COP10 for >50% of species on List	2.1
2.1.2	Review Appendix I to identify any candidate species for de-listing. Formulate a proposal to the COP to remove these species from Appendix I.	ScC14 Results of review received, and list of species approved ScC15 De-listing proposals submitted to COP9	2.1
2.1.3	Submit a prioritised programme of concerted action recovery projects for Appendix I species to each meeting of the COP for funding, which meets priorities identified in scientific reviews or Action Plans. Where necessary, assistance should be provided, particularly to developing countries to prepare project proposals. Such proposals will only be considered if submitted for consideration at the previous inter-sessional meeting of the ScC.	ScC13 Prioritised list of proposals submitted to COP8 ScC14 Project proposals received for review ScC15 Prioritised list of proposals submitted to COP9 ScC16 Project proposals received for review ScC17 Prioritised list of proposals submitted to COP10	2.2, 2.3, 2.4
2.1.4	Continue to support concerted actions for Appendix I species, even if these are covered by an Agreement, through joint work plans with the relevant Agreement secretariats.	ScC13 Rec. to COP8 for cooperation mechanism ScC14 Work plans for cooperation between ScC and Agreement Secretariats determined ScC16 Achievements reviewed	2.2, 2.3, 2.4
2.2	Ensure the best possible conservation measures for migratory species with an unfavourable conservation status (Appendix II species (Art. IV))		
2.2.1	Support Contracting Parties (particularly developing countries) to prepare and submit standard proposals for listing of species that are on the <i>ScC Appendix II Candidate List</i> , using CMS-IMS, GROMS and IUCN Red Lists as information resources.	ScC17 Listing proposals reviewed and submitted to COP10 for >50% of species on List	2.1
2.2.2	Review Appendix II to identify any candidate species and group species for de-listing. Formulate a proposal to the COP to remove these species from Appendix II.	ScC14 Results of review received and list of species approved ScC15 De-listing proposals submitted to COP9	2.1
2.2.3	On the basis of the reviews conducted in 1.2.1 and an analysis of gaps from the <i>CMS Appendix II Agreements and MOUs Table</i> , submit prioritised recommendations to meetings of the COP for new Cooperative Actions to be developed through CMS. For reasons of efficiency, Cooperative Actions should usually encompass large terrestrial and marine regions (both within and beyond the limits of national jurisdiction) and multiple species, and may include multi-taxa Agreements. Where appropriate, the Scientific Council should recommend appropriate partnership arrangements for such Cooperative Actions.	ScC15 Rec. submitted to COP9 considered and approved ScC17 Rec. submitted to COP10 considered and approved	2.5

2.2.4	Provide the scientific leadership to the development of priority new CMS Agreements and Cooperative Actions identified in the <i>CMS Appendix II Agreements and MOUs Table</i> , through appointment of focal Councillors, inception workshops, project funding proposals etc.	ScC15 Programme of inception activities agreed for list to be approved at COP9 ScC16 Progress reviewed ScC17 Programme of inception activities agreed for list to be approved at COP10	2.5
2.3	Ensure the best possible conservation measures are taken to control, remove and mitigate the major threats to migratory species, including habitat loss		
2.3.1	On the basis of 1.3.1 – 1.3.7, and using examples of best practice, prepare (or make available existing) guidelines to control or mitigate the impacts from major threats to migratory species, for dissemination to Contracting Parties.	ScC15 Guidelines on climate change, hunting, by-catch and barriers to migration submitted to COP9 ScC17 Guidelines on habitat loss and pollution/disease/alien species submitted to COP10	2.6
2.3.2	Through the implementation of Concerted Actions, promote the protection of sites identified under 1.3.7, and their management and restoration to favour their recovery.	ScC15 Rec. submitted to COP9 identifying unprotected sites ScC17 Rec. submitted to COP10 identifying unprotected sites	2.3, 2.4, 2.7
2.3.3	Through the implementation of Agreements, Cooperative Actions, and synergy/partnerships with other Conventions (particularly CBD, Ramsar and the Convention to Combat Desertification), ensure that programmes are developed to restore, sustainably manage and where appropriate link the sites and habitats for migratory species identified in 1.3.8, using the principles of ecosystem management.	Adequacy of measures determined in reviews under Activity 1.2.5 ScC15 Rec. submitted to COP9 identifying priorities for daughter Agreements and synergy with other conventions	2.5, 2.7
2.3.4	Review the existing international guidance on environmental impact assessment, identify gaps in relation to migratory species interests and if necessary develop further guidance relating to migratory species issues for consideration and possible adoption by COP8 (Res.7.2).	ScC13 Results of review considered and Rec. submitted to COP8 ScC17 Progress reviewed	2.6, 2.8
2.3.5	Develop guidance and formalise a mechanism for rapid CMS action and advocacy in response to emergency and non-compliance situations (eg pollution incidents, epidemics, detrimental taking of endangered species), using experience from previous arrangements (eg Monk Seal).	ScC13 Mechanism identified and proposed to COP8 ScC17 Progress reviewed	2.6
2.3.6	Recommend to the COP or to the Standing Committee, as appropriate, concerted measures to be taken by Parties in respect of by-catch of seabirds, marine turtles and cetaceans listed in Appendices I and II (Res.6.2, and see Rec. 7.2).	ScC15 Concerted measures proposed to COP9 based on review in Activity 1.3.3 ScC16 Progress reviewed	2.6
2.3.7	Consider the role CMS may play in addressing oil pollution and migratory species by reviewing existing plans and provisions to address oil pollution; and similarly, reviewing existing relevant programmes for training and information exchange (see Res.7.3).	ScC17 Mechanism identified and proposed to COP10	2.6
2.3.8	Review the issue of the use of tracking devices with endangered migratory species including the Guidelines already developed by the Scientific Council, and review further issues that may arise concerning such techniques at every second inter-sessional meeting.	ScC14 Guidelines approved/circulated ScC17 New issues reviewed	1.6
2.3.9	Support implementation of the recommendations from 1.3.5 on obstacles to migration by preparing guidelines for remedial measures, and by gathering and disseminating the results of case studies.	ScC15 Guidelines submitted to COP9	2.6
2.3.10	Assess existing and potential threats from wind turbines in relation to migratory mammals and birds, including their habitats and food sources, to develop specific guidelines for the establishment of such plants and to report to COP8 (see Res.7.5).	ScC13 Threats assessed and guidelines submitted to COP8 ScC16 Guidelines reviewed	1.4, 2.6

**CMS STRATEGIC PLAN OBJECTIVE 3
TO BROADEN AWARENESS AND ENHANCE ENGAGEMENT IN THE CONSERVATION OF MIGRATORY SPECIES AMONGST KEY ACTORS**

No.	Scientific Council Action	Indicators, Milestones	Strategic Plan Target
3.1	Disseminate information on migratory species so as to enhance their conservation, through improved decision-making and greater public awareness		
3.1.1	Advise the CMS Secretariat on the (scientific / technical) contents of an Information Pack to be provided to all Contracting Parties and Scientific Councillors, particularly concerning actions required for Appendix I species.	ScC14 Advice completed	3.1, 3.2, 3.6
3.1.2	Identify flagship species that CMS could use to raise public/ government awareness and capacity (eg satellite tracking of turtles and by-catch).	ScC14 Flagship species identified ScC16 Progress reviewed	3.1, 3.2, 3.6
3.1.3	Review and suggest materials for addition to the CMS web site.	ScC14 Advice completed ScC16 Progress reviewed	3.1, 3.2, 3.4, 3.5

**CMS STRATEGIC PLAN OBJECTIVE 4
TO REINFORCE CMS'S OVERARCHING AND UNIFYING ROLE IN THE CONSERVATION AND MANAGEMENT OF MIGRATORY SPECIES**

No.	Scientific Council Action	Indicators, Milestones	Strategic Plan Target
4.1	Ensure maximum efficiency through synergy and close cooperation with daughter Agreements, other MEAs and other appropriate bodies		
4.1.1	Maintain close cooperation with scientific focal points and committees of daughter Agreements, regional initiatives (particularly in the marine environment), and the Scientific bodies of UNEP and other conventions (particularly with regard to synergistic actions and cross cutting issues (Research, monitoring, capacity building, addressing threats, recovery actions for Appendix I species etc.)). This will be achieved through cross-representation on appropriate bodies, periodic meeting of Chairs, cross-reporting and joint activities.	ScC14 Focal points and mechanisms for cooperation agreed ScC15 Progress reviewed and Rec. submitted to COP9 ScC17 Progress Reviewed and Rec. submitted to COP10	4.2, 4.4
4.1.2	Review existing scientific links between the CMS and other bodies undertaking work on threats to migratory species (eg. CBD, Ramsar Convention, Climate Change Convention, Convention to Combat Desertification). Formulate proposals for improving and strengthening such links where necessary with the objective of ensuring that the CMS has access to the most up to date scientific information available to assist and inform its deliberations; report conclusions and make recommendations to the meeting of the COP.	ScC14 Review of existing links received, and options for improvement formulated ScC15 Rec. submitted to COP9	1.8. 4.3