

**REGIONAL PROFILE ON THE IMPLEMENTATION OF THE PROGRAMME OF WORK ON PROTECTED AREAS, TO BE USED IN BPAN PROJECT**

The draft reporting framework facilitates capturing the progress in completing assessments on 13 key goals of the programme of work on protected areas and specific actions taken to implement the results of those assessments, in order to indicate the status of implementation. Progress in completing these assessments is measured from 0-4 (0 – no progress; 1 – planning phase; 2 – initial progress; 3 – substantial progress; 4 – nearly or fully completed).

<b>Region:</b>	<b>Finland: Lapland, Northern Ostrobothnia, Kainuu Region</b>	
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Date survey completed:	19 February 2013	
Please briefly describe who was involved in gathering information for this survey	Participants of the Liminganlahti meeting, 10-11 May 2011, and other people who have made comments:	
	Ilkka Heikkinen	Ministry of the Environment of Finland
	Eero Melantie	Centre for Economic Development, Transport and the Environment, Northern Ostrobothnia
	Matti Hovi	Metsähallitus Natural Heritage Services, Northern Ostrobothnia and Kainuu Region
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	Tapio Lindholm	Finnish Environment Institute
	Jyri Mikkola	Finnish Nature League
Outi Mähönen	Ministry of the Environment of Finland	
1) Has a multi-stakeholder advisory committee been formed to implement the PoWPA?	No	
2) Is there an action plan for implementing the PoWPA?	Yes	
3) If yes, please provide a URL (or attach a pdf) of the strategic action plan:	<a href="http://www.cbd.int/protected/implementation/actionplans/country/?country=fi">http://www.cbd.int/protected/implementation/actionplans/country/?country=fi</a>	
4) If yes, which is the lead agency responsible for implementing the action plan?	Metsähallitus, Natural Heritage Services Metsähallitus Natural Heritage Services is a public authority that administers more than 12 million hectares of state-owned land and water areas. It manages all state-owned protected areas. These include terrestrial as well as marine and freshwater areas.	
5) If not, are the PoWPA actions included in other biodiversity-related action plans? (please provide a URL or attachment if so)	PoWPA actions are included in the National strategy and action plan for the conservation and sustainable use of biodiversity in Finland 2012–2020 <a href="http://www.ym.fi/en-US/Nature/Biodiversity/Strategy_and_action_plan_for_biodiversity">http://www.ym.fi/en-US/Nature/Biodiversity/Strategy_and_action_plan_for_biodiversity</a>	

1.I To establish and strengthen national and regional systems of protected areas integrated into a global network as a contribution to globally agreed goals	
1) What progress has been made in assessing the representativeness, comprehensiveness and ecological gaps of your protected area network?	3-4
2) If available, please indicate the URL (or attach a pdf) of the gap assessment report:	<p>Assessment of threatened habitat types in Finland (in Finnish): <a href="http://www.ymparisto.fi/luontotyyppienuhanalaisuus">http://www.ymparisto.fi/luontotyyppienuhanalaisuus</a></p> <p>SAVA project publications on the state of protection of forests, mires and inland waters (in Finnish): Forests Inland waters Mires</p> <p>The establishment of the Natura 2000 network in Finland, on the basis of gap analyses, in order to implement the EU nature directives <a href="http://natura2000.eea.europa.eu/">http://natura2000.eea.europa.eu/</a></p> <p><i>Cypripedium calceolus</i> and <i>Saxifraga hirculus</i> LIFE <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/SaxifragaLife/Sivut/SaxifragaLifeProject.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/SaxifragaLife/Sivut/SaxifragaLifeProject.aspx</a></p> <p>Old-growth forest protection programme Mire protection programme Bird wetlands protection programme The National Esker Conservation Programme <a href="http://www.ym.fi/en-US/Nature/Biodiversity/Nature_conservation_programmes">http://www.ym.fi/en-US/Nature/Biodiversity/Nature_conservation_programmes</a></p> <p>Wilderness areas (in Finnish): <a href="http://www.ym.fi/fi-FI/Luonto/Luonnon_monimuotoisuus/Luonnonsuojelualueet/Eramaaalueet">http://www.ym.fi/fi-FI/Luonto/Luonnon_monimuotoisuus/Luonnonsuojelualueet/Eramaaalueet</a></p> <p>Comment on the reasons for status 3 instead of 4: Water ecosystems are poorly studied; also other habitats are poorly studied according to the Report on the Nature Directive Article 17. All territories of high conservation value outside of protected areas are not known.</p>
3) Do you have specific targets and indicators for the protected area system?	Yes
4) If yes, please provide a URL (or attach a pdf) of the targets and indicators:	<p><u>Targets:</u></p> <p>National strategy and action plan for the conservation and sustainable use of biodiversity in Finland 2006–2016 <a href="http://www.ym.fi/download/noname/%7B4812CA57-BFE1-403F-99DD-F386AE6AC127%7D/25500">http://www.ym.fi/download/noname/%7B4812CA57-BFE1-403F-99DD-F386AE6AC127%7D/25500</a></p> <p>Development of new targets for the National strategy and action plan for the conservation and sustainable use of biodiversity in Finland 2012–2020</p> <p><u>Indicators:</u></p> <p>National indicators reflecting the state and changes of biodiversity in Finland: <a href="http://www.biodiversity.fi/en/home">http://www.biodiversity.fi/en/home</a></p> <p>The main indicator of creating a comprehensive and representative network of protected areas is the implementation of conservation programmes. <a href="http://www.ymparisto.fi/default.asp?node=1748&amp;lan=fi">http://www.ymparisto.fi/default.asp?node=1748&amp;lan=fi</a></p> <p>State of the Parks Reporting (in English) <a href="http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/ProtectedAreas/StateoftheParksReporting/Sivut/StateoftheParksReporting.aspx">http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/ProtectedAreas/StateoftheParksReporting/Sivut/StateoftheParksReporting.aspx</a></p>
5) What actions have been taken to improve the ecological representativeness of the protected area network? Please check all that apply, and provide a brief description:	

ACTION	CURRENT STATUS
Protected land area	At the moment official percentages have not been calculated; this will be done in the process of CBD reporting.
Protected sea area	At the moment official percentages have not been calculated; this will be done in the process of CBD reporting.
Proposed or planned PAs	At the moment official percentages have not been calculated; this will be done in the process of CBD reporting.
Promoted an array of different types of protected areas (e.g., different IUCN Categories, CCAs (Community Conserved Areas) etc)	3 Establishment of new landscape protection areas, corresponding to IUCN Category V <a href="http://www.ym.fi/en-US/Nature/Biodiversity/Nature_Conservation_Areas">http://www.ym.fi/en-US/Nature/Biodiversity/Nature_Conservation_Areas</a>
Other actions to improve the representativeness and comprehensiveness of the network	Metso, The Forest Biodiversity Action Programme for Southern Finland 2008-2016 <a href="http://www.metsonpolku.fi/en/index.php">http://www.metsonpolku.fi/en/index.php</a>  The Finnish Inventory Programme for the Underwater Marine Environment, VELMU <a href="http://www.ymparisto.fi/en-US/VELMU">http://www.ymparisto.fi/en-US/VELMU</a> Temporary protection agreements, e.g. temporary protected areas established by the Nature Conservation Act (in Finnish) <a href="http://www.ym.fi/fi-FI/Luonto/Luonnon_monimuotoisuus/Luonnonsuojelualueet/Luonnonsuojelu_yksityismailla">http://www.ym.fi/fi-FI/Luonto/Luonnon_monimuotoisuus/Luonnonsuojelualueet/Luonnonsuojelu_yksityismailla</a>  Completion of the Natura 2000 network in the Bothnian Bay area
I.2 To integrate protected areas into broader land- and seascapes and sectors so as to maintain ecological structure and function	
1) What progress has been made in assessing protected area landscape and seascape connectivity?, see: <a href="http://www.cbd.int/doc/publications/cbd-ts-44-en.pdf">http://www.cbd.int/doc/publications/cbd-ts-44-en.pdf</a>	2
What progress has been made in assessing protected area landscape and seascape sectoral integration?	2
2) If available, please indicate the URL (or attach a pdf) of the assessment of protected area connectivity and sectoral integration:	Natural resource planning <a href="http://www.natura2000.envir.ee/files/doc/forestry_28-08-2003/Ecological_Planning_of_State_Owned_Forest_Petri_Heinonen.ppt">http://www.natura2000.envir.ee/files/doc/forestry_28-08-2003/Ecological_Planning_of_State_Owned_Forest_Petri_Heinonen.ppt</a> <a href="http://www.cbd.int/doc/case-studies/for/cs-ecofor-fi-application.pdf">http://www.cbd.int/doc/case-studies/for/cs-ecofor-fi-application.pdf</a> <a href="http://www.metsa.fi/sivustot/metsa/en/NaturalResources/Planningmethods/NaturalResourcePlanning/Sivut/NaturalResourcePlanning.aspx">http://www.metsa.fi/sivustot/metsa/en/NaturalResources/Planningmethods/NaturalResourcePlanning/Sivut/NaturalResourcePlanning.aspx</a>  METSO, The Forest Biodiversity Action Programme for Southern Finland 2008-2016 <a href="http://www.metsonpolku.fi/en/index.php">http://www.metsonpolku.fi/en/index.php</a>  Metso, 10000 ha <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/Metsoprogramme/Sivut/TheMETSOprogrammeatMetsahallitus.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/Metsoprogramme/Sivut/TheMETSOprogrammeatMetsahallitus.aspx</a> <a href="http://www.metsa.fi/sivustot/metsa/fi/Hankkeet/METSOohjelma20082016/suojelualueverkostonkehittaminen/Sivut/SuojelualueverkostonkehittaminenMETSO.aspx">http://www.metsa.fi/sivustot/metsa/fi/Hankkeet/METSOohjelma20082016/suojelualueverkostonkehittaminen/Sivut/SuojelualueverkostonkehittaminenMETSO.aspx</a>  Updated (2009) National Land Use Guidelines (in Finnish): <a href="http://www.ymparisto.fi/fi-FI/Elinymparisto_ja_kaavoitus/Maankayton-suunnittelujarjestelma/Valtakunnalliset_alueidenkayttotavoitteet/Valtakunnalliset_alueidenkayttotavoitteet(13419)">http://www.ymparisto.fi/fi-FI/Elinymparisto_ja_kaavoitus/Maankayton-suunnittelujarjestelma/Valtakunnalliset_alueidenkayttotavoitteet/Valtakunnalliset_alueidenkayttotavoitteet(13419)</a>  National urban parks (in Finnish) <a href="http://www.ym.fi/fi-FI/Luonto/Luonnon_monimuotoisuus/Luonnonsuojelualueet/Kansalliset_kaupunkipuistot">http://www.ym.fi/fi-FI/Luonto/Luonnon_monimuotoisuus/Luonnonsuojelualueet/Kansalliset_kaupunkipuistot</a>  Education on conservation biology  Comment: Lack of connectivity especially in landscapes fragmented by private land; there is a lack of connectivity in some state-owned lands as well. Landscape evaluation in a broader context has not been conducted; land use planning has not sufficiently taken into account conservation needs.

3) What actions have been taken to improve protected area connectivity and sectoral integration? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Changed the legal status and/or governance in key connectivity areas	<p>Comment: The METSO programme has as an objective of creating 10 000 ha of new protected areas on state-owned land; Metsähallitus Forestry is required to take into account connectivity issues on state-owned land. Outside of state-owned land, planning for connectivity has not been systematic but Centres for Economic Development, Transport and the Environment work on connectivity especially within the METSO programme on privately owned land. Emphasis is put on corridors and stepping stone areas, and connectivity is one of the selection criteria in choosing which privately owned land to purchase for conservation.</p> <p>There is still a need to communicate more about the importance of connectivity and thus change attitudes of landowners in the long term. <a href="http://www.metsonpolku.fi/metso/www/en/index.php">http://www.metsonpolku.fi/metso/www/en/index.php</a></p>
Created new protected areas in key connectivity areas	<p>Dialogue process on old-growth forests in northern Finland <a href="http://www.metsa.fi/sivustot/metsa/fi/Metsatalous/metsaymparisto/pohjoissuomenvanhatmetsat/Sivut/default.aspx">http://www.metsa.fi/sivustot/metsa/fi/Metsatalous/metsaymparisto/pohjoissuomenvanhatmetsat/Sivut/default.aspx</a></p>
Improved natural resource management to improve connectivity	<p>Metsähallitus natural resource planning <a href="http://www.metsa.fi/sivustot/metsa/fi/Luonnonvarat/Suunnittelutapa/Luonnonvarasuunnittelu/Sivut/Luonnonvarasuunnittelu.aspx">http://www.metsa.fi/sivustot/metsa/fi/Luonnonvarat/Suunnittelutapa/Luonnonvarasuunnittelu/Sivut/Luonnonvarasuunnittelu.aspx</a></p> <p>New guidelines for forestry by Metsähallitus (on state-owned land) <a href="http://julkaisut.metsa.fi/julkaisut/show/1134">http://julkaisut.metsa.fi/julkaisut/show/1134</a></p> <p>Strategy for the development of fish ladders <a href="http://www.mmm.fi/attachments/mmm/lausuntopyynnot/5xn6pic31/Kalatiestrategia_ehdotus_08042011.pdf">http://www.mmm.fi/attachments/mmm/lausuntopyynnot/5xn6pic31/Kalatiestrategia_ehdotus_08042011.pdf</a></p> <p>Planning and management of water resources, e.g. restoration of water resources for fisheries and for conservation</p>
Designated connectivity corridors and/or buffers	<p>Metsähallitus natural resource planning <a href="http://www.metsa.fi/sivustot/metsa/fi/Luonnonvarat/Suunnittelutapa/Luonnonvarasuunnittelu/Sivut/Luonnonvarasuunnittelu.aspx">http://www.metsa.fi/sivustot/metsa/fi/Luonnonvarat/Suunnittelutapa/Luonnonvarasuunnittelu/Sivut/Luonnonvarasuunnittelu.aspx</a></p>
Created market incentives to promote connectivity	<p>METSO, The Forest Biodiversity Action Programme for Southern Finland 2008-2016 <a href="http://www.metsonpolku.fi/en/index.php">http://www.metsonpolku.fi/en/index.php</a> METSO programme: conservation on privately owned land, selection of areas according to nature conservation criteria</p>
Changed awareness of key stakeholders in key connectivity areas	<p>METSO, The Forest Biodiversity Action Programme for Southern Finland 2008-2016 <a href="http://www.mmm.fi/en/index/frontpage/forests/forest_policy/strategies_programmes/metso.html">http://www.mmm.fi/en/index/frontpage/forests/forest_policy/strategies_programmes/metso.html</a> In road planning, the Centres for Economic Development, Transport and the Environment are required to avoid fragmentation.</p>
Improved laws and policies within or around key connectivity areas	<p>The revised National Land Use Guidelines of Finland <a href="http://www.ymparisto.fi/fi-FI/Elinymparisto_ja_kaavoitus/Maankayton_suunnittelujarjestelma/Valtakunnalliset_alueidenkayttotavoitteet/Valtakunnalliset_alueidenkayttotavoitteet(13419)">http://www.ymparisto.fi/fi-FI/Elinymparisto_ja_kaavoitus/Maankayton_suunnittelujarjestelma/Valtakunnalliset_alueidenkayttotavoitteet/Valtakunnalliset_alueidenkayttotavoitteet(13419)</a></p> <p>Protection areas of regional land use plans (implemented in accordance with Nature Conservation Act or other legislation)</p> <p>New guidelines for Metsähallitus Forestry (on state-owned land) <a href="http://julkaisut.metsa.fi/julkaisut/show/1134">http://julkaisut.metsa.fi/julkaisut/show/1134</a></p>

Restored degraded areas in key connectivity areas	<p>Metso, Metsonpolku project <a href="http://www.metsonpolku.fi/">http://www.metsonpolku.fi/</a></p> <p>Planning for controlled forest fires in protected areas (for restoration purposes)</p> <p>Boreal Peatland LIFE project <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/BorealPeatlandLife/Sivut/BorealPeatlandLife.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/BorealPeatlandLife/Sivut/BorealPeatlandLife.aspx</a></p>
Changed land use planning, zoning and/or buffers in key connectivity areas	<p>Land Use and Building Act <a href="http://www.finlex.fi/fi/laki/kaannokset/1999/en19990132.pdf">http://www.finlex.fi/fi/laki/kaannokset/1999/en19990132.pdf</a></p> <p>The revised National Land Use Guidelines of Finland (in Finnish) <a href="http://www.ymparisto.fi/fi-FI/Elinymparisto_ja_kaavoitus/Maankayton_suunnittelujarjestelma/Valtakunnalliset_alueidenkayttotavoitteet/Valtakunnalliset_alueidenkayttotavoitteet(13419)">http://www.ymparisto.fi/fi-FI/Elinymparisto_ja_kaavoitus/Maankayton_suunnittelujarjestelma/Valtakunnalliset_alueidenkayttotavoitteet/Valtakunnalliset_alueidenkayttotavoitteet(13419)</a></p> <p>Natural resource planning <a href="http://www.metsa.fi/sivustot/metsa/en/NaturalResources/Planningmethods/Naturalresourceplanning/Sivut/NaturalResourcePlanning.aspx">http://www.metsa.fi/sivustot/metsa/en/NaturalResources/Planningmethods/Naturalresourceplanning/Sivut/NaturalResourcePlanning.aspx</a></p>
Removed barriers to connectivity and ecological functioning	<p>Development of fish ladders <a href="http://www.mmm.fi/attachments/mmm/lausuntopyynnnot/5xn7C6yR6/Kalatiestrategian_taukaselvitykset_luonnos_07042011.pdf">http://www.mmm.fi/attachments/mmm/lausuntopyynnnot/5xn7C6yR6/Kalatiestrategian_taukaselvitykset_luonnos_07042011.pdf</a></p>
Integrated protected areas into poverty reduction strategies	<p>Finland's Development Policy Programme, taken into account in international co-operation. <a href="http://formin.finland.fi/public/download.aspx?ID=97374&amp;GUID=%7BA708126D-F09D-4608-B420-C00E12E46385%7D">http://formin.finland.fi/public/download.aspx?ID=97374&amp;GUID=%7BA708126D-F09D-4608-B420-C00E12E46385%7D</a></p>
Other actions to improve connectivity and integration	

I.3 To establish and strengthen regional networks, transboundary protected areas (TBPAs) and collaboration between neighbouring protected areas across national boundaries	
1) What progress has been made in identifying conservation priorities and opportunities for establishing transboundary protected areas and regional networks?	4
2) If available, please indicate the URL (or attach a pdf) of the assessment of opportunities for transboundary protected areas and regional networks.	<p>Finnish-Russian Nature Conservation Co-operation brochure  <a href="http://www.syke.fi/en-US/Research_Development/Ecosystem_services_and_biological_diversity/Specialist_work/Cooperation_for_nature_conservation_in_Northwest_Russia">http://www.syke.fi/en-US/Research_Development/Ecosystem_services_and_biological_diversity/Specialist_work/Cooperation_for_nature_conservation_in_Northwest_Russia</a></p> <p>New steps forward in the protection of the Green Belt at the eastern border of Finland  <a href="http://www.ym.fi/en-US/International_cooperation/Cooperation_with_Russia/Nature_conservation_cooperation_between_Finland_and_Russia">http://www.ym.fi/en-US/International_cooperation/Cooperation_with_Russia/Nature_conservation_cooperation_between_Finland_and_Russia</a></p> <p>Background to the Finnish-Russian co-operation on nature conservation  <a href="http://www.syke.fi/en-US/Research_Development/Ecosystem_services_and_biological_diversity/Specialist_work/Cooperation_for_nature_conservation_in_Northwest_Russia/Background_to_the_FinnishRussian_cooperation_on_nature_conservation">http://www.syke.fi/en-US/Research_Development/Ecosystem_services_and_biological_diversity/Specialist_work/Cooperation_for_nature_conservation_in_Northwest_Russia/Background_to_the_FinnishRussian_cooperation_on_nature_conservation</a></p> <p>“Envelope”: Newsletter of the Finnish Environment Institute SYKE  <a href="http://mmm.multiedition.fi/syke/envelope/Envelope5/Envelope_5_2008_Green_Belt.php">http://mmm.multiedition.fi/syke/envelope/Envelope5/Envelope_5_2008_Green_Belt.php</a></p> <p>Memorandum of understanding for the development of the Green Belt of Fennoscandia between Norway, Finland and Russia  <a href="https://cmsdata.iucn.org/downloads/greenbeltmoueng.pdf">https://cmsdata.iucn.org/downloads/greenbeltmoueng.pdf</a></p> <p>Transboundary Protected Areas certified under the EUROPARC Following Nature’s Design initiative: <a href="http://www.euoparc.org/what-we-do/transboundary-parks">http://www.euoparc.org/what-we-do/transboundary-parks</a></p> <p>System of coastal and marine Baltic Sea protected areas (BSPA)  <a href="http://www.helcom.fi">www.helcom.fi</a>  <a href="http://helcom.navigo.fi/Recommendations/en_GB/rec15_5/">http://helcom.navigo.fi/Recommendations/en_GB/rec15_5/</a></p> <p>PAN Parks Nordic-Baltic co-operation between Estonia, Lithuania, Sweden and Finland  <a href="http://www.panparks.org">www.panparks.org</a>  <a href="http://www.panparks.org/Newsroom/News?page=details&amp;oldal=1&amp;news_id=270">http://www.panparks.org/Newsroom/News?page=details&amp;oldal=1&amp;news_id=270</a></p> <p>EUROPARC Nordic-Baltic Section  <a href="http://www.euoparc-nb.org/">http://www.euoparc-nb.org/</a></p> <p>Ramsar Convention – Nordic-Baltic Wetlands Initiative  <a href="http://www.norbalwet.org/">http://www.norbalwet.org/</a>  <a href="http://assets.panda.org/downloads/wwf_ramsar_report.pdf">http://assets.panda.org/downloads/wwf_ramsar_report.pdf</a></p> <p>Pasvik-Inari co-operation (Norway-Russia-Finland)  <a href="http://www.pasvik-inari.net/">http://www.pasvik-inari.net/</a></p> <p>Oulanka-Paanajärvi National Parks co-operation (Finland-Russia)  <a href="http://www.metsa.fi/sivustot/metsa/fi/Hankkeet/Naapuruushankkeet/OulankaPaanajarviEuregio/Sivut/OulankaPaanajarvieramaitaelamyksiajahyvinvointia.aspx">http://www.metsa.fi/sivustot/metsa/fi/Hankkeet/Naapuruushankkeet/OulankaPaanajarviEuregio/Sivut/OulankaPaanajarvieramaitaelamyksiajahyvinvointia.aspx</a></p> <p>The Finnish-Russian Friendship Nature Reserve  <a href="http://www.syke.fi/fi-FI/SYKE_Info/Toimipaikat/Ystavyyden_puiston_tutkimuskeskus(2592)">http://www.syke.fi/fi-FI/SYKE_Info/Toimipaikat/Ystavyyden_puiston_tutkimuskeskus(2592)</a></p> <p>Co-operation between Lemmenjoki-Øvre Anárjohka National Parks (Finland-Norway)</p> <p>Co-operation between Perämeri-Haparanda Skärgård National Parks (Finland-Sweden)</p> <p>Baltic Sea Protected Areas network:  Towards an ecologically coherent network of well-managed marine protected areas. Baltic Sea Environmental Proceedings 124B. HELCOM 2010  <a href="http://helcom.navigo.fi/environment2/biodiv/en_GB/bspas/">http://helcom.navigo.fi/environment2/biodiv/en_GB/bspas/</a>  HELCOM, Helsinki Commission, Baltic Marine Environment Protection Commission  <a href="http://www.helcom.fi/">http://www.helcom.fi/</a></p>

3) What actions have been taken to strengthen the regional protected area network and foster transboundary PAs? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Created transboundary protected area/s	<p>Finnish-Russian Friendship Nature Reserve  <a href="http://www.syke.fi/en-US/SYKE_Info/Offices/Friendship_Park_Research_Centre(10008)">http://www.syke.fi/en-US/SYKE_Info/Offices/Friendship_Park_Research_Centre(10008)</a></p> <p>Oulanka-Paanajärvi National Parks (Finland-Russia)  <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/StructuralFundProjects/OulankaPaanajarviNationalParkCooperation/Sivut/NationalParksinCollaborationfromOulankatoPaanajarvi.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/StructuralFundProjects/OulankaPaanajarviNationalParkCooperation/Sivut/NationalParksinCollaborationfromOulankatoPaanajarvi.aspx</a></p> <p>Inarijärvi-Vätsäri Wilderness Area, Øvre-Pasvik National Park and Pasvik Strict Nature Reserve (Finland-Norway-Russia)</p> <p>Urho Kekkonen National Park, Lapland Forest Nature Reserve and Lapland Strict Nature Reserve (Finland-Russia)</p> <p>“Kolmen valtakunnan rajapyykki” in Kilpisjärvi/”Treriksroset”/”Treriksøysa” (Finland-Sweden-Norway)</p> <p>Kalevala parks (Finland-Russia)  <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/StructuralFundProjects/KalevalaParks/Sivut/KalevalaParkInterregIIIAKarelia20032005.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/StructuralFundProjects/KalevalaParks/Sivut/KalevalaParkInterregIIIAKarelia20032005.aspx</a></p>
Contributed to the creation of regional-scale conservation corridors	Fennoscandian Green Belt
Participated in the establishment of regional networks	<p>EUROPARC Nordic-Baltic Section  <a href="http://www.europarc-nb.org/home/">http://www.europarc-nb.org/home/</a></p> <p>PAN Parks Nordic-Baltic co-operation between Estonia, Lithuania, Sweden and Finland</p> <p>Baltic Sea Protected Area Network  <a href="http://helcom.navigo.fi/environment2/biodiv/en_GB/bspas/">http://helcom.navigo.fi/environment2/biodiv/en_GB/bspas/</a></p> <p>Ramsar Convention – Nordic-Baltic Wetlands Initiative (NorBalWet)  <a href="http://www.norbalwet.org/">http://www.norbalwet.org/</a></p> <p>BPAN, Barents Region Protected Area Network  <a href="http://www.bpan.fi/">http://www.bpan.fi/</a></p> <p>Natura 2000, protected area network of the European Union (boreal and alpine regions)  <a href="http://ec.europa.eu/environment/nature/index_en.htm">http://ec.europa.eu/environment/nature/index_en.htm</a></p>
Created enabling policies to allow for transboundary protected areas, such as Green belt, park to park etc.	<p>Agreement between the governments of Finland and the Soviet Union from 1989; Establishment of the Friendship Park in order to promote co-operation and the protection of wild forest reindeer</p> <p>Baltic Sea Action Plan (BSAP) 2007  <a href="http://helcom.fi/baltic-sea-action-plan">http://helcom.fi/baltic-sea-action-plan</a></p> <p>Memorandum of understanding for the development of the Green Belt of Fennoscandia between Norway, Finland and Russia  <a href="https://cmsdata.iucn.org/downloads/greenbeltmoueng_.pdf">https://cmsdata.iucn.org/downloads/greenbeltmoueng_.pdf</a></p> <p>Following Nature’s Design (EUROPARC)  <a href="http://www.europarc.org/what-we-do/transboundary-parks">http://www.europarc.org/what-we-do/transboundary-parks</a></p>

Established a multi-country/regional coordination mechanism	<p>Finnish-Russian Working Group on Nature Conservation since 1986</p> <p>Finnish-Estonian Working Group on Nature Conservation since 1991</p> <p>EUROPARC Nordic Baltic Section</p> <p>Ramsar NorBalWet</p> <p>PAN Parks Nordic-Baltic co-operation</p> <p>The County Administrative Board of Västernorrland and Metsähallitus Natural Heritage Services have appointed a consultation group for the Höga Kusten/Kvarken Archipelago World Heritage Site.</p> <p>BPAN, Barents Protected Area Network</p>
Other actions to foster regional networks and trans-boundary areas	<p>Metsähallitus Natural Heritage Services staff actively participates in EUROPARC, IUCN and BPAN transboundary conservation networks.</p> <p>Transboundary Water Commission: Tornionjoki-Muonionjoki-Könkämäeno, Oulankajoki, Neiden-Näätäinjoki-Paatsjoki, Tuloma-Lutto, Nuortti  <a href="http://www.rajaviesikomissio.fi/index_eng.htm">http://www.rajaviesikomissio.fi/index_eng.htm</a></p>

#### 1.4 To substantially improve site-based protected area planning and management

1) What progress has been made in developing protected area management plans?	4
1) What percentage of your protected areas has an adequate management plan?	<p>Areas that are required by legislation to have a management plan (national parks, wilderness areas): 100 %</p> <p>In the process of general planning of the Natura 2000 network, the need for a management plan was assessed for each area. It was concluded that not all protected areas need a management plan. Some areas have plans for action that also serve as management plans.</p> <p>The Natura 2000 areas that need a management plan In Lapland and in Ostrobothnia region: &gt; 60%</p>
2) What percentage of the total surface area of protected areas does the management plan(s) cover?	<p>General plan for the Natura 2000 network: 100%</p> <p>More specific plans for areas that are required by legislation to have a management plan (national parks, wilderness areas): 100%</p> <p>Areas that need a management plan: approximately 90 %</p>
3) Please provide a URL (or pdf attachment) of a recent example of a participatory, science-based management plan	<p>Muotkatunturi Wilderness Area management plan (in Finnish)  <a href="http://julkaisut.metsa.fi/julkaisut/show/559">http://julkaisut.metsa.fi/julkaisut/show/559</a></p>
4) What actions have been taken to improve protected area management planning? Please check all that apply, and provide a brief description:	
<b>ACTION</b>	<b>CURRENT STATUS</b>
Developed guidelines and tools for developing management plans	<p>The Principles of Protected Area Management in Finland: Guidelines on the Aims, Function and Management of State-owned Protected Areas (2000)  <a href="http://julkaisut.metsa.fi/julkaisut/show/726">http://julkaisut.metsa.fi/julkaisut/show/726</a></p> <p>2008 revision of the 2000 guidelines (in Finnish)</p> <p>New guidelines from 2010 (in Finnish)  <a href="http://julkaisut.metsa.fi/julkaisut/show/886">http://julkaisut.metsa.fi/julkaisut/show/886</a></p> <p>In addition to the principles of protected area management, there are specific guidelines for management plans.</p> <p>In addition, Metsähallitus uses the CBD Akwé: Kon Guidelines on management planning and natural resource planning in the Sámi Homeland.</p> <p>The development process of a new information technology tool for management planning is on-going (SASS information system).</p>



Provided training and/or technical support in management planning	<p>Training and technical support is provided during the process of management planning.</p> <p>Training is provided for Metsähallitus staff coordinating the management planning process.</p>
Developed management plans for protected areas	<p>Plan to complete all necessary management plans in 2012</p> <p>New Management Plan guidelines in 2010</p>
Do you have good scientific basis of existing management plans	Management plans are based on inventories.
Conducted protected area resource inventories	In the processes of developing a management plan, basic inventories are carried out. Habitat type surveys are carried out in METSO programme areas.
Other actions to improve management planning	<p>Extended inventories of deficiently known species groups such as invertebrates, lower plants and fungi (as called for in the CBD Global Strategy for Plant Conservation 2011-2020), and birds as a part of the METSO programme (2008-2016)</p> <p>Metsähallitus is establishing a systematic monitoring and assessment scheme at site level to follow how well the (nature) conservation values (and other values) of each site are maintained, and how the management planning and implementation of plans is supporting and impacting the site's conservation status.</p> <p>Metsähallitus has developed a tool for assessing the state of the Natura 2000 areas.</p>

I.5 To prevent and mitigate the negative impacts of key threats to protected areas	
1) What progress has been made in assessing the status of protected area threats, and opportunities for mitigation, prevention and restoration?	<p>3</p> <p>Comment: At a general level the assessments have been done but some protected areas lack the assessment of threats, and values are not clearly communicated. Climate change mitigation and adaptation have been poorly taken into account.</p>
2) If available, please indicate the URL (or attach a pdf) of the assessment of the status of threats and opportunities for mitigation, prevention and restoration.	<p>Biodiversity.fi <a href="http://www.biodiversity.fi/en/">http://www.biodiversity.fi/en/</a></p> <p>Examples:  <a href="http://www.biodiversity.fi/en/indicators/forests/fo20-restoration-and-management">http://www.biodiversity.fi/en/indicators/forests/fo20-restoration-and-management</a>  <a href="http://www.biodiversity.fi/en/indicators/forests/fo18-prescribed-burning">http://www.biodiversity.fi/en/indicators/forests/fo18-prescribed-burning</a>  <a href="http://www.biodiversity.fi/en/indicators/alien-species/as1-alien-baltic-sea-species">http://www.biodiversity.fi/en/indicators/alien-species/as1-alien-baltic-sea-species</a>  <a href="http://www.biodiversity.fi/en/indicators/inland-waters/iwl-phosphorus">http://www.biodiversity.fi/en/indicators/inland-waters/iwl-phosphorus</a></p> <p>Assessment of the state of Natura 2000 areas: In the assessment process, most important threats to conservation values for each Natura 2000 area are determined.</p>
3) What actions have been taken to mitigate or prevent protected area threats, or restore degraded areas? Please check all that apply, and provide a brief description	
ACTION	CURRENT STATUS
Changed the status and/or governance type of a protected area	<p>Natura 2000: In Finland state-owned lands have been increasingly designated for management by Metsähallitus; e.g. lands formerly managed by the Finnish Defense Forces and the Finnish Forest Research Institute are now managed by Metsähallitus.</p> <p>Since 2008 Metsähallitus has been responsible for restoration and management activities, including management planning, on private protected areas with the consent of the landowner.</p>
Improved staffing numbers and/or skills to prevent and mitigate threats	There are constant measures to train staff but staff numbers have not increased.
Included measures to address threats in a management plan	Threats are addressed in the management planning process and the assessment of the state of Natura 2000 areas, and there are guidelines for this in the management planning guidelines.

<p>Improved management practices to prevent or mitigate threats</p>	<p>Impact assessment of projects and plans in Natura 2000 areas (Nature Conservation Act Section 65-66)  <a href="http://www.finlex.fi/en/laki/kaannokset/1996/en19961096.pdf">http://www.finlex.fi/en/laki/kaannokset/1996/en19961096.pdf</a></p> <p>Sustainable Tourism Development Strategies (STDS) and sustainable nature tourism plans  <a href="http://www.metsa.fi/sivustot/metsa/fi/Eraasiatjaretkeily/Virkistyskaytonsuunnittelu/Luontomatkaailusuunnitelmat/Sivut/Luontomatkaailusuunnitelmat.aspx">http://www.metsa.fi/sivustot/metsa/fi/Eraasiatjaretkeily/Virkistyskaytonsuunnittelu/Luontomatkaailusuunnitelmat/Sivut/Luontomatkaailusuunnitelmat.aspx</a></p> <p>Limits of Acceptable Changes (LAC) methodology  Invasive Alien Species control</p> <p>Improved management planning with new guidelines</p> <p>More attention is paid to promote nature conservation values in the development of wind power, locating of sea sand, prevention of oil spills, net fishing in Saimaa ringed seal habitats, etc.</p>
<p>Increased threat mitigation funding</p>	
<p>Developed a plan to address the impacts of climate change</p>	<p>National strategy and action plan for the conservation and sustainable use of biodiversity in Finland 2012–2020  <a href="http://www.ym.fi/en-US/Nature/Biodiversity/Strategy_and_action_plan_for_biodiversity">http://www.ym.fi/en-US/Nature/Biodiversity/Strategy_and_action_plan_for_biodiversity</a></p>
<p>Changed market incentives to reduce or prevent threats</p>	
<p>Improved monitoring and detection of threats</p>	<p>Limits of Acceptable Changes (LAC) methodology</p> <p>Impact assessments of projects and plans in Natura 2000 areas</p> <p>Assessments of the state of Natura 2000 areas</p>
<p>Evaluated the efficacy of threat-related actions</p>	<p>Assessment of Limits of Acceptable Change (LAC) methodology in Oulanka National Park</p> <p>Continuous monitoring</p>
<p>Improved public awareness and behaviour regarding threats</p>	<p>This has not been researched in relation to protected areas.</p> <p>There has been a positive change in the attitudes of municipalities.</p>
<p>Changed laws and policies related to threats</p>	<p>The Criminal Code of Finland has been updated regarding illegal hunting.</p> <p>Game and fisheries law enforcement has been strengthened.</p> <p>The Marine Strategy Framework Directive  <a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32008L0056:EN:NOT">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32008L0056:EN:NOT</a></p> <p>HELCOM, Helsinki Commission, Baltic Marine Environment Protection Commission  <a href="http://www.helcom.fi/">http://www.helcom.fi/</a></p> <p>Directive on environmental liability with regard to the prevention and remedying of environmental damage  <a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32004L0035:EN:HTML">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32004L0035:EN:HTML</a></p> <p>The new Mining Act of Finland  <a href="http://www.finlex.fi/fi/laki/ajantasa/2011/20110621">http://www.finlex.fi/fi/laki/ajantasa/2011/20110621</a></p>

Restored degraded areas	<p>METSO programme</p> <p>Boreal Peatland LIFE  <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/BorealPeatlandLife/Sivut/BorealPeatlandLife.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/BorealPeatlandLife/Sivut/BorealPeatlandLife.aspx</a></p> <p>Species-rich LIFE  <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/SpeciesRichLIFE/Sivut/default.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/SpeciesRichLIFE/Sivut/default.aspx</a></p> <p>Restoration of Boreal Forests and Forest-covered Mires - Forest Life  <a href="http://www.metsa.fi/SIVUSTOT/METSA/EN/PROJECTS/LIFENATUREPROJECTS/FORESTLIFE/Sivut/RestorationofBorealForestsandForestcovered-MiresForestLifeI1220023I122007.aspx">http://www.metsa.fi/SIVUSTOT/METSA/EN/PROJECTS/LIFENATUREPROJECTS/FORESTLIFE/Sivut/RestorationofBorealForestsandForestcovered-MiresForestLifeI1220023I122007.aspx</a></p> <p>Natural Forests and Mires in the Green Belt of Koillismaa and Kainuu - The Green Belt Life Project  <a href="http://www.metsa.fi/sivustot/metsa/en/projects/lifenatureprojects/Greenbeltlife/sivut/introduction.aspx">http://www.metsa.fi/sivustot/metsa/en/projects/lifenatureprojects/Greenbeltlife/sivut/introduction.aspx</a></p> <p>Work carried out by Metsähallitus Natural Heritage Services with funding from the Ministry of the Environment</p>
Developed and/or implemented strategies to mitigate threats	<p>Sustainable Tourism Development Strategies (STDS)</p> <p>Sustainable nature tourism plans</p> <p>National Strategy on Invasive Alien Species  <a href="http://www.mmm.fi/fi/index/etusivu/ymparisto/luonnonmonimuotoisuus/vieraslajit.html">http://www.mmm.fi/fi/index/etusivu/ymparisto/luonnonmonimuotoisuus/vieraslajit.html</a></p> <p>Principles of protected area management  <a href="http://julkaisut.metsa.fi/julkaisut/show/886">http://julkaisut.metsa.fi/julkaisut/show/886</a></p> <p>Action plan for improving the state of threatened habitat types in Finland  <a href="http://www.ym.fi/en-US/Nature/Biodiversity/Nature_conservation_programmes/Action_programmes">http://www.ym.fi/en-US/Nature/Biodiversity/Nature_conservation_programmes/Action_programmes</a></p>
Other actions to mitigate and prevent threats	<p>Hunting of Red Fox in Northern Lapland to protect the Arctic Fox</p> <p>Hunting of other small predators (Mink, Raccoon Dog) in bird conservation areas</p>

2.1 To promote equity and benefit-sharing	
1) What progress has been made in assessing the equitable sharing of costs and benefits of establishing protected areas?	3 Comment: Local economic benefits of nature tourism and recreational use of nature are assessed and calculated each year for national parks, hiking areas and the Kvarken Archipelago World Heritage Site.
2) If available, please indicate the URL (or attach a pdf) of the assessment of equitable sharing of costs and benefits of establishing protected areas.	
3) What actions have been taken to improve equitable benefits sharing? Please check all that apply, and provide a brief description	
<b>ACTION</b>	<b>CURRENT STATUS</b>
Developed compensation mechanisms	<p>Compensation scheme for land purchases:  Prior to the establishment of new protected areas, the land area, in certain cases, must become a property of the State and thus need to be claimed and purchased from the current landowners. There is a full compensation scheme in place to pay compensation to the landowners to avoid bias in decision making.</p> <p>Full compensation for reindeer owners for the economic loss caused by protected predators</p>

Other actions to strengthen equitable benefit-sharing	<p>VILMAT Action Plan: In 2003, a Government resolution launched an Action Plan to Develop Nature Tourism and the Recreational Use of Natural Areas (VILMAT). Its main objective is to double the number of jobs in these fields.</p> <p>Focal areas with potential for significant sustainable tourism development: In support of the VILMAT Action Plan, Metsähallitus Natural Heritage Services has drafted development programmes to promote recreational activities and nature tourism in protected areas, national hiking areas and state-owned waters.</p> <p>Metsähallitus Natural Heritage Services receives annual funding from the Ministry of Labour for projects as well as the employment of unemployed people in regions where unemployment rate is high. This has covered about 5% of the total costs of Metsähallitus NHS.</p>
4) What progress has been made in assessing protected area governance?	4
5) What percentage of protected areas has been assigned an IUCN category?	In Finland IUCN categories have not been officially assigned. The assignment of IUCN categories is in process in 2013.
6) If available, please indicate the URL (or attach a pdf) of the assessment of protected area governance:	<a href="http://www.metsa.fi/mee">www.metsa.fi/mee</a>
7) What actions have you taken to improve and diversify governance types? Please check all that apply, and provide a brief description	
<b>ACTION</b>	<b>CURRENT STATUS</b>
Created new protected areas with innovative forms of governance, such as community conserved areas	<p>Private protected areas under the governance of Metsähallitus Natural Heritage Services, regional environmental authorities and landowners;</p> <p>METSO, The Forest Biodiversity Action Programme for Southern Finland 2008-2016: <a href="http://www.mmm.fi/en/index/frontpage/forests/forest_policy/strategies_programmes/metso.html">http://www.mmm.fi/en/index/frontpage/forests/forest_policy/strategies_programmes/metso.html</a></p>
According to IUCN guidelines reference... Changed laws or policies to enable new governance types	<p>METSO, The Forest Biodiversity Action Programme for Southern Finland 2008-2016: <a href="http://www.mmm.fi/en/index/frontpage/forests/forest_policy/strategies_programmes/metso.html">http://www.mmm.fi/en/index/frontpage/forests/forest_policy/strategies_programmes/metso.html</a> Voluntary conservation for a determined period of time</p>
Other actions to diversify governance types	

2.2 To enhance and secure involvement of indigenous and local communities and relevant stakeholders	
1) What is the status of participation of indigenous and local communities and other key stakeholders in key protected area decisions?	<p>3</p> <p>Comment: The indigenous Sámi people have a constitutional right to practice their culture in Finland; however, land ownership issues have not been solved.</p>
2) What actions have been taken to improve indigenous and local community participation? Please check all that apply, and provide a brief description:	
<b>ACTION</b>	<b>CURRENT STATUS</b>
Assessed opportunities and needs for local community participation in key protected area decisions	<p>Socio-cultural and economic research, e.g.</p> <p>1) Local discourses and international initiatives: socio-cultural sustainability of tourism in Oulanka National Park, Finland <a href="http://www.informaworld.com/smpp/content~content=a913821830~db=all~jumptype=rss">http://www.informaworld.com/smpp/content~content=a913821830~db=all~jumptype=rss</a></p> <p>2) Local people, nature conservation, and tourism in North-Eastern Finland <a href="http://www.ecologyandsociety.org/vol13/iss1/art8/">http://www.ecologyandsociety.org/vol13/iss1/art8/</a></p>

<p>Improved laws, policies and/or practices to promote participation</p>	<p>Participatory planning is mandatory according to the Land Use and Building Act.  <a href="http://www.finlex.fi/en/laki/kaannokset/1999/en19990132.pdf">http://www.finlex.fi/en/laki/kaannokset/1999/en19990132.pdf</a></p> <p>1) The Wilderness Act  <a href="http://www.finlex.fi/fi/laki/ajantasa/1991/19910062">http://www.finlex.fi/fi/laki/ajantasa/1991/19910062</a></p> <p>2) Legal obligation to negotiate with the Sámi Parliament and reindeer herding co-operatives  Act on Metsähallitus:  <a href="http://www.finlex.fi/fi/laki/kaannokset/2004/en20041378.pdf">http://www.finlex.fi/fi/laki/kaannokset/2004/en20041378.pdf</a>  Reindeer Husbandry Act:  <a href="http://www.finlex.fi/fi/laki/kaannokset/1990/en19900848.pdf">http://www.finlex.fi/fi/laki/kaannokset/1990/en19900848.pdf</a>  Act on the Sámi Parliament:  <a href="http://www.finlex.fi/fi/laki/kaannokset/1995/en19950974.pdf">http://www.finlex.fi/fi/laki/kaannokset/1995/en19950974.pdf</a></p> <p>3) Governance strategy for the Kvarken Archipelago World Heritage site (not a part of the Barents Region)  <a href="http://www.merenkurkku.fi/assets/Suomi---pdf/Hallinto-ja-kehityssuunnitelma.pdf">http://www.merenkurkku.fi/assets/Suomi---pdf/Hallinto-ja-kehityssuunnitelma.pdf</a></p> <p>4) Metsähallitus Natural Heritage Services has a legal obligation to have all information material and guidance translated to the Swedish language across the country and also to translate them to the Sámi languages in northern Sámi areas.</p> <p>5) Metsähallitus NHS has official framework agreements between the Reindeer Herders' Association, Island Committee and other important stakeholders, partners and sectors to guarantee that the management of protected areas is participatory.</p> <p>6) Guidelines for protected area management and planning  <a href="http://julkaisut.metsa.fi/julkaisut/show/886">http://julkaisut.metsa.fi/julkaisut/show/886</a></p> <p>7) Sustainable Nature Tourism Plans and Sustainable Tourism Development Strategies  <a href="http://julkaisut.metsa.fi/">http://julkaisut.metsa.fi/</a></p> <p>8) Management plan processes  <a href="http://www.metsa.fi/SIVUSTOT/METSA/FI/LUONNONSUOJELU/HOIDONJAKAYTONSUUNNITTELUSUOJELUALUEILLA/Sivut/Hoidonjakaytonsuunnittelusuojelu-jaretkeilyalueilla.aspx">http://www.metsa.fi/SIVUSTOT/METSA/FI/LUONNONSUOJELU/HOIDONJAKAYTONSUUNNITTELUSUOJELUALUEILLA/Sivut/Hoidonjakaytonsuunnittelusuojelu-jaretkeilyalueilla.aspx</a></p> <p>9) Land use planning  <a href="http://www.ym.fi/en-US/Land_use_and_building/Steering_of_land_use_planning">http://www.ym.fi/en-US/Land_use_and_building/Steering_of_land_use_planning</a></p> <p>10) Environmental Impact Assessment (EIA)  <a href="http://www.ym.fi/en-US/International_cooperation/Environmental_impact_assessment">http://www.ym.fi/en-US/International_cooperation/Environmental_impact_assessment</a></p>
<p>Developed policies for prior informed consent for resettlement</p>	
<p>Improved mechanisms for participation of indigenous and local communities</p>	<p>Guidelines for protected area management and planning</p> <p>Application of Akwé: Kon Guidelines in Lapland</p>
<p>Increased participation of indigenous and local communities in key decisions</p>	<p>Protected area co-operation groups, e.g. in Oulanka National Park</p>

Other actions to promote participation	<p>Shared governance of private protected areas:  Liminganlahden ystävät (Friends of Liminganlahti)  <a href="http://www.liminganlahti.fi">www.liminganlahti.fi</a>  Pohjois-Pohjanmaan lintutieteellinen yhdistys (Ornithological Society of Northern Ostrobothnia)  <a href="http://www.pply.fi/">http://www.pply.fi/</a>  Kemi-Tornion lintuharrastajat Xenus ry (Bird watchers of Kemi-Tornio Area - Xenus)  <a href="http://www.xenus.fi/">http://www.xenus.fi/</a>  Saanan Luonnon Ystävät Luomus ry (Friends of the Nature of Saana - Luomus)  <a href="http://www.saananluonnonystavat.fi/">http://www.saananluonnonystavat.fi/</a></p> <p>Volunteer work in protected areas</p>
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3.1 To provide an enabling policy, institutional and socio-economic environment for protected areas	
1) What progress has been made in assessing the policy environment for creating and managing protected areas?	3
2) If available, please indicate the URL (or attach a PDF) of the assessment of the policy environment:	<p>Management Effectiveness Evaluation (MEE)  <a href="http://www.metsa.fi/mee">www.metsa.fi/mee</a></p> <p>State of the Parks in Finland report  <a href="http://www.metsa.fi/sop">www.metsa.fi/sop</a></p> <p>Evaluation of the METSO Forest Biodiversity Action Programme</p> <p>Evaluation of the Nature Conservation Act: Its functionality and development needs</p>
3) What actions have been taken to improve the protected area policy environment? Please check all that apply, and provide a brief description	
ACTION	CURRENT STATUS
Harmonized sectoral policies or laws to strengthen management effectiveness	<p>On-going discussions between protected area management and relevant stakeholders, including municipalities, tourism sector and reindeer herding associations, have changed sectoral policies a great deal.</p> <p>Communication and negotiations with regional and national level policy makers (regional councils etc.)</p> <p>There is an aspiration that there are no contradictions between laws.</p>
Integrated PA values and ecological services into the national economy	<p>The basic funding for Metsähallitus Natural Heritage Services comes from the national budget.</p> <p>There is on-going work to determine how to calculate green gross national product.</p>
Developed incentive mechanisms for private protected areas	<p>METSO, The Forest Biodiversity Action Programme for Southern Finland 2008-2016  <a href="http://www.mmm.fi/en/index/frontpage/forests/forest_policy/strategies_programmes/metso.html">http://www.mmm.fi/en/index/frontpage/forests/forest_policy/strategies_programmes/metso.html</a></p> <p>Compensation for the owner of a private protected area is tax free, as is the revenue of selling the area to the State.</p>
Developed positive market incentives to support protected areas	<p>PAN Parks business partners; income contribution for protected areas</p> <p>Implementation of the "Business and Biodiversity" initiative has started in Finland.</p>

Removed perverse incentives that hinder effective management	Act on the Financing of Sustainable Forestry <a href="http://www.finlex.fi/en/laki/kaannokset/1996/en19961094.pdf">http://www.finlex.fi/en/laki/kaannokset/1996/en19961094.pdf</a>
Cooperated with neighboring countries on transboundary areas	See 1.3.  Nordic Council of Ministers <a href="http://www.norden.org/en/nordic-council-of-ministers">http://www.norden.org/en/nordic-council-of-ministers</a>  Convention on the Protection and Use of Transboundary Watercourses and International Lakes, 1992 (1996) <a href="http://www.finlex.fi/fi/sopimukset/sopsviite/1996/19960071">http://www.finlex.fi/fi/sopimukset/sopsviite/1996/19960071</a>
Other actions to improve the policy environment	Evaluation and development of the Nature Conservation Act
4) What progress has been made in assessing the contribution of protected areas to the local and national economies?	3  Local economic benefits of nature tourism and recreational use of nature are assessed and calculated each year for national parks, hiking areas and the Kvarken Archipelago World Heritage Site.
5) What progress has been made in assessing the contribution of protected areas to the Millennium Development Goals?	3  Taken into account in Finland's Development Policy Programme, in Finland's international co-operation <a href="http://formin.finland.fi/public/download.aspx?ID=97374&amp;GUID=%7BA708126D-F09D-4608-B420-C00E12E46385%7D">http://formin.finland.fi/public/download.aspx?ID=97374&amp;GUID=%7BA708126D-F09D-4608-B420-C00E12E46385%7D</a>
6) If available, please indicate the URL (or attach a PDF) with the assessment of the contribution of protected areas to the local and national economy and to the Millennium Development Goals:	Local economic impacts of national park visitors' spending: The development process of an estimation method <a href="http://www.metla.fi/julkaisut/workingpapers/2010/mwp149-en.htm">http://www.metla.fi/julkaisut/workingpapers/2010/mwp149-en.htm</a>
7) What actions have been taken to value the contribution of protected areas? Please check all that apply, and provide a brief description	
√	<b>ACTION</b>
√	<b>CURRENT STATUS</b>
Created finance mechanisms linked to protected area values (e.g., payment for ecosystem services)	Not much has been done, but work is starting

3.2 To build capacity for the planning, establishment and management of protected areas	
1) What progress has been made in assessing protected area capacity needs?	4
2) If available, please indicate the URL (or attach a PDF) of the assessment of capacity needs:	Management Effectiveness Evaluation (MEE) <a href="http://www.metsa.fi/mee">www.metsa.fi/mee</a>
3) What actions have been taken to strengthen protected area capacity? Please check all that apply, and provide a brief description:	
√	<b>ACTION</b>
√	<b>CURRENT STATUS</b>
Created a professional development programme for protected area staff	Metsähallitus Natural Heritage Services' professional development programmes: 1) Training programme for guides and rangers: Oulanka National Park conducted a pilot training programme for the staff, local business partners, individual guides and other stakeholders. Lessons learned are applied in the protected area network-wide process of local capacity building, with the aim of implementing co-management schemes and supporting local economies. 2) On-the-job training scheme for park rangers 3) Annual training course for new customer service personnel 4) On-the-job training for each new staff member 5) Voluntary leadership training programme for Metsähallitus NHS staff in which Metsähallitus NHS operations are developed through coursework

Trained protected area staff in key skills	<p>Metsähallitus Natural Heritage Services' professional development programmes:</p> <ol style="list-style-type: none"> <li>1) Communication training courses</li> <li>2) Best practices in fieldwork and customer service</li> <li>3) On-the-job training in information systems, habitat type inventories, restoration activities etc.</li> </ol>
Increased the number of protected area staff	<p>State of the Parks in Finland report  <a href="http://www.metsa.fi/sop">www.metsa.fi/sop</a></p> <p>Number of staff has been stable since 2002 despite global and national economic crises. Often staff has been employed through projects funded by e.g. the European Union.</p>
Other actions to improve capacity	<p>Metsähallitus Natural Heritage Services as a nationwide organisation went through major organisational changes in 2005 when all fields of work were evaluated and capacity needs were identified. Organisational structure was built to meet the requirements for supporting efficient and effective management of Finnish protected area system.</p> <p>Organisation-wide international co-operation: Metsähallitus NHS and other authorities responsible for biodiversity conservation actively cooperate on international scientific, administrative and management issues (as described in 1.3.). Long-term commitment to international co-operation in transboundary, European and worldwide co-operation has been a significant feature in building the capacity of Metsähallitus NHS staff. Important roles in international organisations played by Metsähallitus NHS staff include, among others, member of the EUROPARC council, vice chair of the IUCN World Commission on Protected Areas (WCPA), National Focal Point for the CBD PoWPA and National Focal Point for the Ramsar Convention. In addition, Metsähallitus NHS staff members consult in different countries of the world, such as Colombia, Russia, China, Korea, Lithuania and Estonia. The amount of capacity building at the individual level has been significant, and the results are disseminated throughout the organisation. Metsähallitus NHS also directs capacity building efforts through its transboundary and bilateral co-operation with the neighbouring countries.</p>



3.3 To develop, apply and transfer appropriate technologies for protected areas	
1) What progress has been made in assessing the needs for relevant and appropriate technology for protected area management?	4
2) If available, please indicate the URL (or attached a PDF) of the assessment of the technology needs:	
3) What actions have been taken to improve the access to and use of relevant and appropriate technology? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Developed and/or used appropriate technology for habitat restoration and rehabilitation	<p>The Ministry of the Environment has set a goal of developing a unified GIS application for the management of protected areas. It launched the SALTI Programme for creating information technology systems for protected areas. The responsibility for the work was assigned to Metsähallitus Natural Heritage Services.</p> <p>SALTI aims at:</p> <ul style="list-style-type: none"> <li>• Developing a common database and GIS system to manage the baseline information of all the protected areas in Finland;</li> <li>• Enhancing the contents and functionality of the protected area system with elements that support management planning and monitoring of protected areas;</li> <li>• Developing a common database and GIS system to manage habitat data and support operational planning, documentation and monitoring of habitat restoration of protected areas.</li> </ul> <p>Work is on-going.</p> <p>Habitat management and restoration  Publication: Ecological restoration and management in boreal forests - best practices from Finland  <a href="http://julkaisut.metsa.fi/assets/pdf/lp/Muut/ecological-restoration.pdf">http://julkaisut.metsa.fi/assets/pdf/lp/Muut/ecological-restoration.pdf</a>  <a href="http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/SpeciesandHabitats/HabitatRestoration/Sivut/HabitatRestorationVorkatMetsahallitus.aspx">http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/SpeciesandHabitats/HabitatRestoration/Sivut/HabitatRestorationVorkatMetsahallitus.aspx</a>  <a href="http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/SpeciesandHabitats/ForestRestoration/Sivut/ForestRestorationIsNeededforBiodiversity.aspx">http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/SpeciesandHabitats/ForestRestoration/Sivut/ForestRestorationIsNeededforBiodiversity.aspx</a>  <a href="http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/SpeciesandHabitats/MireRestoration/Sivut/RestorationofMireEcosystems.aspx">http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/SpeciesandHabitats/MireRestoration/Sivut/RestorationofMireEcosystems.aspx</a></p> <p>Boreal Peatland LIFE  <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/BorealPeatlandLife/Sivut/BorealPeatlandLife.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/BorealPeatlandLife/Sivut/BorealPeatlandLife.aspx</a></p> <p>Species-rich LIFE  <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/SpeciesRichLIFE/Sivut/default.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/LifeNatureProjects/SpeciesRichLIFE/Sivut/default.aspx</a></p> <p>Restoration of Boreal Forests and Forest-covered Mires - Forest Life  <a href="http://www.metsa.fi/SIVUSTOT/METSA/EN/PROJECTS/LIFENATUREPROJECTS/FORESTLIFE/Sivut/RestorationofBorealForestsandForestcovered-MiresForestLifeI1220023I122007.aspx">http://www.metsa.fi/SIVUSTOT/METSA/EN/PROJECTS/LIFENATUREPROJECTS/FORESTLIFE/Sivut/RestorationofBorealForestsandForestcovered-MiresForestLifeI1220023I122007.aspx</a></p> <p>Restoration and nature management of protected areas within the METSO programme  <a href="http://www.metsa.fi/sivustot/metsa/en/Projects/Metsoprogramme/restorationofconservationareas/Sivut/RestorationofprotectedareasMETSO.aspx">http://www.metsa.fi/sivustot/metsa/en/Projects/Metsoprogramme/restorationofconservationareas/Sivut/RestorationofprotectedareasMETSO.aspx</a>  <a href="http://www.metsonpolku.fi/en/METSO_programme/index.php">http://www.metsonpolku.fi/en/METSO_programme/index.php</a></p> <p>Natural Forests and Mires in the Green Belt of Koillismaa and Kainuu - The Green Belt Life Project  <a href="http://www.metsa.fi/sivustot/metsa/en/projects/lifenatureprojects/Greenbeltlife/sivut/introduction.aspx">http://www.metsa.fi/sivustot/metsa/en/projects/lifenatureprojects/Greenbeltlife/sivut/introduction.aspx</a></p>

<p>Developed and/or used appropriate technology for resource mapping, biological inventories and rapid assessments</p>	<p>SALTI Programme: Development of a unified GIS application for the management of protected areas and the creation of information technology systems for protected areas</p> <p>The Finnish Inventory Programme for the Underwater Marine Environment, VELMU  <a href="http://www.ymparisto.fi/velmu">http://www.ymparisto.fi/velmu</a></p>
<p>Developed and/or used appropriate technology for monitoring</p>	<p>SALTI Programme: Development of a unified GIS application for the management of protected areas and the creation of information technology systems for protected areas</p> <p>Instructions for monitoring restored forests and peatlands and sun-exposed esker forest habitats (in Finnish)  <a href="http://julkaisut.metsa.fi/assets/pdf/lp/Bsarja/b118.pdf">http://julkaisut.metsa.fi/assets/pdf/lp/Bsarja/b118.pdf</a></p>
<p>Encouraged technology transfer and cooperation between protected areas and agencies</p>	<p>Transfer of technologies: Through transboundary co-operation, technologies and innovative approaches have been disseminated to other authorities responsible for the management of protected areas. For instance, the visitor management system ASTA has been modified to meet the requirements of managing Estonian protected areas.</p> <p>Capacity building project between Metsähallitus Natural Heritage Services and Natural National Parks of Colombia in themes of environmental interpretation and education, monitoring and research and nature tourism in protected areas; the project is financed by the Ministry for Foreign Affairs of Finland.</p> <p>SALTI Programme: Development of a unified GIS application for the management of protected areas and the creation of information technology systems for protected areas</p>
<p>Other actions to improve access to and use of appropriate technologies</p>	<p>In order to improve reliability, accessibility and applicability of visitor information, a database system, ASTA, was developed during 2005–2006 for the management of this information. ASTA includes visitor survey data, numeric feedback data, and information on numbers of visits to protected areas and visitor centres managed by Metsähallitus Natural Heritage Services. ASTA is also used to monitor and improve private-public partnership as it includes entrepreneur surveys and business partner feedback data.</p> <p>REISKA-GIS is a database of all infrastructure including nature trails managed by Metsähallitus NHS. The information provided by REISKA is widely used to facilitate day-to-day management. In practice, the REISKA-GIS data is used for maintaining, planning and up-to-date monitoring of the infrastructure. In addition, data is used by the protected area staff to produce maps, leaflets and brochures, to serve customers and to safeguard architectural and cultural heritage. REISKA-GIS is also directly used for channelling visitors as it forms one layer of a public map service Excursion Map.  <a href="http://www.retkikartta.fi/index.php?lang=en">http://www.retkikartta.fi/index.php?lang=en</a></p>

3.4 To ensure financial sustainability of protected areas and national and regional systems of protected areas	
1) What progress has been made in assessing protected area finance needs? 2) If available, please indicate the URL (or attach a PDF) of the assessment of finance needs:	4 Some analysis is included in the State of the Parks in Finland report. <a href="http://www.metsa.fi/sop">www.metsa.fi/sop</a>
3) What progress has been made in developing and implementing a sustainable finance plan that incorporates a diversified portfolio of financial mechanisms?	3 In Finland the protected area system is financed from the national budget. This enables long-term planning and management of the protected areas system as the financing base is more or less stable.  For Metsähallitus Natural Heritage Services, project funding from different external funding sources is essential, especially for the development work of protected area management.
4) If available, please indicate the URL (or attach a PDF) of the sustainable finance plan:	Increasingly, the Metsähallitus Natural Heritage Services work is implemented through projects with several partners and external funding. A project portfolio management system has been developed to improve efficiency and management skills. The Metsähallitus NHS directive team screens the project proposals and approves the implemented projects.
5) What actions have been taken to improve the sustainable finance of your protected areas? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Developed new protected area funding mechanisms	Diverse project portfolio with different external funding sources
Developed protected area business plan or plans	Protected areas on state-owned land in Finland are under the financial management of Metsähallitus Natural Heritage Services.
Improved resource allocation procedures	Prioritisation through more efficient and accurate budgetary planning and monitoring (follow-up) in Metsähallitus Natural Heritage Services
Provided financial training and support	Financial management training for staff of Metsähallitus Natural Heritage Services
Improved accounting and monitoring	Yes, see above
Improved financial planning capacity	Yes, see above
Removed legal barriers to sustainable finance	
Other actions to improve sustainable finance	Adaptation strategies for decreasing state financing

3.5 To strengthen communication, education and public awareness	
1) What progress have you made in conducting a public awareness and communication campaign/programme?	3
2) If available, please indicate the URL (or attach a PDF) of the public awareness and communication plan:	National strategy and action plan for the conservation and sustainable use of biodiversity in Finland 2012–2020 <a href="http://www.ym.fi/en-US/Nature/Biodiversity/Strategy_and_action_plan_for_biodiversity">http://www.ym.fi/en-US/Nature/Biodiversity/Strategy_and_action_plan_for_biodiversity</a>  The Communications Strategy and Action Plan for the Conservation and Sustainable Use of Biodiversity in Finland  The Principles on Communications on Natural Resources <a href="http://www.mmm.fi/attachments/mmm/julkaisut/muutjulkaisut/5nj0otfWo/MMM_viestinnan_periaatteet.pdf">http://www.mmm.fi/attachments/mmm/julkaisut/muutjulkaisut/5nj0otfWo/MMM_viestinnan_periaatteet.pdf</a>  Metsähallitus Natural Heritage Services communication plan
3) What actions have you taken to improve public awareness and strengthen education programmes? Please check all that apply, and provide a brief description:	

ACTION	CURRENT STATUS
Identify core themes for education, awareness and communication programmes relevant to protected areas	Metsähallitus Natural Heritage Services: Communication to customers and stakeholders of the importance of protected areas in maintaining biodiversity and mitigating climate change and in providing health, revenues and employment. Nature is for everyone to experience and services are provided to facilitate this.
Conducted an awareness campaign on the value of protected areas to local and national economies	Local economic benefits of nature tourism and recreational use of nature are assessed and calculated each year for national parks, hiking areas and the Kvarken Archipelago World Heritage Site, and communicated through media.
Conducted an awareness campaign on the value of protected areas in climate change adaptation and mitigation	
Established or strengthen communication mechanisms with key target groups, including indigenous and local communities	<p>In the management planning process, participation is essential. Internet tools and social media are used to collect opinions on proposed management plans.</p> <p>Use of the internet in the development of the National strategy and action plan for the conservation and sustainable use of biodiversity in Finland 2012–2020  <a href="http://www.ym.fi/en-US/Nature/Biodiversity/Strategy_and_action_plan_for_biodiversity">http://www.ym.fi/en-US/Nature/Biodiversity/Strategy_and_action_plan_for_biodiversity</a></p> <p>Development of internet tools such as outdoors.fi <a href="http://www.outdoors.fi/Pages/Default.aspx">http://www.outdoors.fi/Pages/Default.aspx</a> and <a href="http://yhteiso.luontoon.fi/">http://yhteiso.luontoon.fi/</a></p> <p>Participation in social media, such as Facebook and Twitter</p>
Developed protected area curricula with educational institutions, regarding to environmental education	<p>Collaboration with the Finnish Association for Environmental Education  <a href="http://www.ymparistokasvatus.fi/sykse/briefly-in-english">http://www.ymparistokasvatus.fi/sykse/briefly-in-english</a></p> <p>The visitor centres managed by Metsähallitus Natural Heritage Services that have as their main task environmental education and nature interpretation are part of the Finnish Association of Nature and Environment Schools.  <a href="http://www.luontokoulut.fi/en_index.php">http://www.luontokoulut.fi/en_index.php</a></p> <p>Visitor centres also closely cooperate with local schools and other educational institutions.</p>
Produced public outreach materials	Brochures, information boards, Internet material, web sites, exhibitions in visitor centres, videos, collaboration with television and radio, national park ambassadors, items for sale in visitor centres and online, etc.
Conducted public outreach programmes, such as Junior ranger, Europarc	<p>Junior Ranger programmes</p> <p>Development of volunteer work</p> <p>Volunteer camps in national parks in collaboration with WWF</p>
Other actions to improve communication, education and awareness	Visitor centres in different parts of Finland, in connection with protected areas

4.I To develop and adopt minimum standards and best practices for national and regional protected area systems	
1) What progress has been made in developing best practices and minimum standards?	4
2) If available, please indicate the URL (or attach a PDF) of examples of protected area best practices and minimum standards.	<p>The Principles of Protected Area Management in Finland: Guidelines on the Aims, Function and Management of State-owned Protected Areas (2000) <a href="http://www.cbd.int/doc/pa/tools/The%20principles%20of%20Protected%20Area%20Management%20in%20Finland.pdf">http://www.cbd.int/doc/pa/tools/The%20principles%20of%20Protected%20Area%20Management%20in%20Finland.pdf</a></p> <p>2008 revision of the 2000 guidelines (in Finnish)</p> <p>New guidelines from 2010 (in Finnish) <a href="http://julkaisut.metsa.fi/julkaisut/show/886">http://julkaisut.metsa.fi/julkaisut/show/886</a></p>
3) Is there a system in place for monitoring protected area outcomes achieved in line with the programme of work on protected areas	State of the Parks Report <a href="http://www.metsa.fi/SOP">www.metsa.fi/SOP</a>
4) What actions have been taken related to best practices and minimum standards? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Developed standards and best practices for protected area establishment and selection	<p>Nature Conservation Act <a href="http://www.ym.fi/en-US/Nature/Legislation/Nature_conservation_legislation">http://www.ym.fi/en-US/Nature/Legislation/Nature_conservation_legislation</a> <a href="http://www.finlex.fi/en/laki/kaannokset/1996/en19961096">http://www.finlex.fi/en/laki/kaannokset/1996/en19961096</a></p> <p>All conservation programmes are based on inventories.</p> <p>The criteria of the METSO programme (The Forest Biodiversity Programme for Southern Finland) are based on conservation biology. <a href="http://www.metsopolku.fi/en/index.php">http://www.metsopolku.fi/en/index.php</a></p> <p>Selection criteria for forest habitats under the METSO programme <a href="https://helda.helsinki.fi/bitstream/handle/10138/38356/SY26_2008_sisus_korjattu.pdf?sequence=1">https://helda.helsinki.fi/bitstream/handle/10138/38356/SY26_2008_sisus_korjattu.pdf?sequence=1</a></p> <p>Establishment of the Natura 2000 network</p>
Developed standards and best practices for protected area management planning	<p>The Principles of Protected Area Management in Finland: Guidelines on the Aims, Function and Management of State-owned Protected Areas (2000) <a href="http://www.cbd.int/doc/pa/tools/The%20principles%20of%20Protected%20Area%20Management%20in%20Finland.pdf">http://www.cbd.int/doc/pa/tools/The%20principles%20of%20Protected%20Area%20Management%20in%20Finland.pdf</a></p> <p>2008 revision of the 2000 guidelines (in Finnish)</p> <p>New guidelines from 2010 (in Finnish) <a href="http://julkaisut.metsa.fi/julkaisut/show/726">http://julkaisut.metsa.fi/julkaisut/show/726</a></p> <p>Guidelines for management plans, Plans for Specific Action (which for some protected areas serve as management plans), Sustainable Nature Tourism Plans and Sustainable Tourism Development Strategies</p>
Developed standards and best practices for protected area management	<p>Guidance for inventories of habitat types (in Finnish) <a href="https://helda.helsinki.fi/handle/10138/40824">https://helda.helsinki.fi/handle/10138/40824</a></p> <p>Guidance for inventories of cultural heritage <a href="http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/CulturalHeritage/Sivut/MetsahallitusAlsoWorkstoConserveCulturalHeritage.aspx">http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/CulturalHeritage/Sivut/MetsahallitusAlsoWorkstoConserveCulturalHeritage.aspx</a></p> <p>Guide for forest habitat restoration and management</p> <p>Instructions for monitoring restored forests and peatlands and sun-exposed esker forest habitats <a href="http://julkaisut.metsa.fi/assets/pdf/lp/Bsarja/bl18.pdf">http://julkaisut.metsa.fi/assets/pdf/lp/Bsarja/bl18.pdf</a></p> <p>Visitor monitoring in nature areas <a href="http://www.naturvardsverket.se/Documents/publikationer/620-1258-4.pdf">http://www.naturvardsverket.se/Documents/publikationer/620-1258-4.pdf</a></p> <p>Guidance for building visitor infrastructure <a href="http://www.metsa.fi/sivustot/metsa/fi/Luonnonsuojelu/Suojelualueidenhoitojakaytto/Rakentaminenjahuolto/Piirustuskokoelma/Sivut/default.aspx">http://www.metsa.fi/sivustot/metsa/fi/Luonnonsuojelu/Suojelualueidenhoitojakaytto/Rakentaminenjahuolto/Piirustuskokoelma/Sivut/default.aspx</a></p>

Collaborated with other Parties and relevant organizations to test, review and promote best practices and minimum standards, such as Emerald Network, Natura 2000, BPAN	<p>Collaboration with universities and research institutes in developing inventory and visitor management methodologies</p> <p>Barents Protected Area Network – BPAN  <a href="http://www.bpan.fi/">http://www.bpan.fi/</a></p> <p>Collaboration between Finnish, Swedish, Norwegian and Russian nature conservation and protected area authorities scientific institutes and nature conservation NGOs in promoting the protected area network in the Barents Region</p> <p>EUROPARC Federation  <a href="http://www.europarc.org/home/">http://www.europarc.org/home/</a></p> <p>PAN Parks network  <a href="http://www.panparks.org/">http://www.panparks.org/</a></p> <p>Transboundary park collaboration  <a href="http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/Cooperation/TransboundaryCooperation/Sivut/NatureConservationCooperationAcrossNationalBorders.aspx">http://www.metsa.fi/sivustot/metsa/en/NaturalHeritage/Cooperation/TransboundaryCooperation/Sivut/NatureConservationCooperationAcrossNationalBorders.aspx</a></p> <p>Natura 2000 network</p>
Other actions related to best practices and minimum standards	SALTI Programme: Development of a unified GIS application for the management of protected areas and the creation of information technology systems for protected areas

4.2 To evaluate and improve the effectiveness of protected areas management	
1) What progress has been made in assessing the management effectiveness of protected areas?	3
2) If available, please indicate the URL (or attach a PDF) of the assessment of protected area management effectiveness:	<p>Management Effectiveness Evaluation (MEE)  <a href="http://www.metsa.fi/mee">www.metsa.fi/mee</a></p> <p>State of the Parks in Finland report  <a href="http://www.metsa.fi/sop">www.metsa.fi/sop</a></p> <p>Management Effectiveness Tracking Tool (METT)  <a href="http://www-wds.worldbank.org/external/default/WDSCContentServer/WDSP/IB/2005/07/14/000160016_20050714165152/Rendered/PDF/32939a10ENGLISHInProtectedAreasTool.pdf">http://www-wds.worldbank.org/external/default/WDSCContentServer/WDSP/IB/2005/07/14/000160016_20050714165152/Rendered/PDF/32939a10ENGLISHInProtectedAreasTool.pdf</a></p>
3) In what percentage of the total area of protected areas has management effectiveness been assessed?	80 %
4) In what percentage of the number of protected areas has management effectiveness been assessed?	<p>Not relevant as the areas where no management effectiveness evaluation has been conducted are in general small and will not be evaluated</p> <p>In the future, the percentage of Natura 2000 areas where management effectiveness evaluation have been conducted will be calculated.</p>
5) What actions have been taken to improve management processes within protected areas? Please check all that apply, and provide a brief description:	
<b>ACTION</b>	<b>CURRENT STATUS</b>
Improved management systems and processes	Yes; see 3.2, 3.3 and 4.1
Improved law enforcement	Few problems in law enforcement in Finland
Improved stakeholder relations	Yes; see 3.1 and 3.5
Improved visitor management	<p>Yes:</p> <p>Limits of Acceptable Change (LAC) methodology  Sustainable Tourism Development Strategies  Sustainable Nature Tourism Plans  ASTA and REISKA-GIS information systems</p>

Improved management of natural and cultural resources	According to the Finnish constitution, nature conservation and the preservation of cultural heritage are the right and responsibility of every citizen. As the single largest manager of state-owned land, Metsähallitus is responsible for many cultural heritage sites such as heritage farms located in national parks and ancient stone constructions in the outer archipelago of the Baltic Sea. The most visible parts of cultural heritage managed by Metsähallitus are old buildings and ancient sites. Metsähallitus maintains these locations in co-operation with the National Board of Antiquities. Metsähallitus is obligated by law to ensure the prerequisites for Sámi culture in the Sámi Homeland and to preserve the culture within Archipelago National Park. As a state agency Metsähallitus is obligated to take into account national land use goals, also when preserving cultural environments.
Other actions to improve management effectiveness	Response to recommendations made by the international MEE group in 2004 Adoption of adaptive management/ecosystem approach in management Improvement of system and site planning strategies Strategy for invasive species and climate change-related actions Improved management of visitor outcomes Development of protected area indicators, monitoring and reporting systems Improved understanding of staff regarding Finland's global role in protected area conservation
Have you submitted management effectiveness results to UNEP-WCMC's WDPA	Yes, but not for separate sites

4.3 To assess and monitor protected area status and trends	
1) What progress has been made in establishing an effective monitoring system of protected area coverage, status and trends?	3-4
2) If available, please indicate the URL (or attach a PDF) of a recent monitoring report.	
3) What actions have been taken to improve protected area monitoring? Please check all that apply, and provide a brief description:	
<b>ACTION</b>	<b>CURRENT STATUS</b>
Assessed the status and trend of key biodiversity	<p>National indicators for percentage of protected main habitat types Indicators for the state and changes of biodiversity in Finland are available online. <a href="http://www.biodiversity.fi/en/">www.biodiversity.fi/en/</a> See also I.1 and I.5</p> <p>Assessment of habitats and species conservation status: Comprehensive assessments of Finland's threatened species were published in 2010. <a href="http://www.ym.fi/fi-FI/Ajankohtaista/Julkaisut/Erillisjulkaisut/Suomen_lajien_uhanalaisuus_Punainen_kir(4709)">http://www.ym.fi/fi-FI/Ajankohtaista/Julkaisut/Erillisjulkaisut/Suomen_lajien_uhanalaisuus_Punainen_kir(4709)</a></p> <p>Assessment of threatened habitats for the first time in 2008: SY8/2008 Assessment of threatened habitat types in Finland (English summary) <a href="https://helda.helsinki.fi/handle/10138/37900">https://helda.helsinki.fi/handle/10138/37900</a></p> <p>Conservation status of habitats and species of European importance listed in the EU Habitats Directive was assessed at regional level for 2001-2006 and reported in 2007.</p> <p>The 2010 Red List of Finnish Species <a href="http://www.ym.fi/download/DocumentsNettisivuudistusymfiThe_2010_Red_List_of_Finnish_Species_pages/d39e7eda-cb3b-4e84-b15c-dee3b269aa65/58998">http://www.ym.fi/download/DocumentsNettisivuudistusymfiThe_2010_Red_List_of_Finnish_Species_pages/d39e7eda-cb3b-4e84-b15c-dee3b269aa65/58998</a></p> <p>Assessment of threatened habitat types in Finland – Part I: Results and the basis for assessment The Finnish Environment 8/2008 (in Finnish) <a href="https://helda.helsinki.fi/handle/10138/37930">https://helda.helsinki.fi/handle/10138/37930</a></p> <p>Assessment of threatened habitat types in Finland – Part 2: Habitat type descriptions The Finnish Environment 8/2008 (in Finnish) <a href="https://helda.helsinki.fi/handle/10138/37932">https://helda.helsinki.fi/handle/10138/37932</a></p>

Monitored the coverage of protected areas	Protected area coverage is routinely updated in national databases.
Developed or improved a biological monitoring programme	<p>Guidance for inventories of habitat types  <a href="http://www.ymparisto.fi/fi-FI/Luonto/Luontotyyppit/Luontotyyppien_seuranta">http://www.ymparisto.fi/fi-FI/Luonto/Luontotyyppit/Luontotyyppien_seuranta</a></p> <p>Guide for forest habitat restoration and management  <a href="http://www.metsa.fi/sivustot/metsa/en/WhatsNew/Newsreleases2012/Sivut/guideforhabitatrestoration.aspx">http://www.metsa.fi/sivustot/metsa/en/WhatsNew/Newsreleases2012/Sivut/guideforhabitatrestoration.aspx</a></p> <p>Instructions for monitoring restored forests and peatlands and sun-exposed esker forest habitats  <a href="http://julkaisut.metsa.fi/assets/pdf/lp/Bsarja/bl18.pdf">http://julkaisut.metsa.fi/assets/pdf/lp/Bsarja/bl18.pdf</a></p>
Developed a database for managing protected area data	SALTI Programme: Development of a unified GIS application for the management of protected areas and the creation of information technology systems for protected areas; see 3.3
Revised management plan based on monitoring and/or research results	<p>Management planning process includes e.g. “adaptive management approach”.  The Principles of Protected Area Management in Finland:  New guidelines from 2010 (in Finnish)  <a href="http://julkaisut.metsa.fi/julkaisut/show/886">http://julkaisut.metsa.fi/julkaisut/show/886</a></p>
Changed management practices based on the results of monitoring and/or research	
Developed geographic information systems (GIS) and/or remote sensing technologies	<p>SALTI Programme: Development of a unified GIS application for the management of protected areas and the creation of information technology systems for protected areas; see 3.3</p> <p>Zonation  <a href="http://www.helsinki.fi/bioscience/consplan/software/Zonation/index.html">http://www.helsinki.fi/bioscience/consplan/software/Zonation/index.html</a></p> <p>Development of airborne laser scanning (LiDAR) for monitoring of sea bottom in the Baltic Sea</p>
Other monitoring activities	Development of monitoring of restoration and management actions



4.4 To ensure that scientific knowledge contributes to the establishment and effectiveness of protected areas and protected area systems	
1) What progress has been made in developing an appropriate science and research programme to support protected area establishment and management?	3
2) If available, please indicate the URL (or attach a PDF) of a recent research report:	
3) What actions have been taken to improve protected area research and monitoring? Please check all that apply, and provide a brief description:	
<b>ACTION</b>	<b>CURRENT STATUS</b>
Identified key research needs	Identified by the Scientific Advisory Board of Metsähallitus Natural Heritage Services
Assessed the status and trends of key biodiversity	<p>Assessment of habitats and species conservation status: Comprehensive assessments of Finland's threatened species were published in 2010. <a href="http://www.ym.fi/fi-FI/Ajankohtaista/Julkaisut/Erillisjulkaisut/Suomen_lajien_uhanalaisuus_Punainen_kir(4709)">http://www.ym.fi/fi-FI/Ajankohtaista/Julkaisut/Erillisjulkaisut/Suomen_lajien_uhanalaisuus_Punainen_kir(4709)</a></p> <p>Assessment of threatened habitats for the first time in 2008: SY8/2008 Assessment of threatened habitat types in Finland (English summary) <a href="https://helda.helsinki.fi/handle/10138/37900">https://helda.helsinki.fi/handle/10138/37900</a></p> <p>Conservation status of habitats and species of European importance listed in the EU Habitats Directive was assessed at regional level for 2001-2006 and reported in 2007. <a href="http://circa.europa.eu/Public/irc/env/monnat/library?!=/habitats_reporting/reporting_2001-2007/ms-reports_2001-2006&amp;vm=detailed&amp;sb=Title">http://circa.europa.eu/Public/irc/env/monnat/library?!=/habitats_reporting/reporting_2001-2007/ms-reports_2001-2006&amp;vm=detailed&amp;sb=Title</a></p> <p>The 2010 Red List of Finnish Species <a href="http://www.ym.fi/download/DocumentsNettisivuuudistusymfiThe_2010_Red_List_of_Finnish_Species_pages/d39e7eda-cb3b-4e84-b15c-dee3b269aa65/58998">http://www.ym.fi/download/DocumentsNettisivuuudistusymfiThe_2010_Red_List_of_Finnish_Species_pages/d39e7eda-cb3b-4e84-b15c-dee3b269aa65/58998</a></p> <p>Assessment of threatened habitat types in Finland – Part 1: Results and the basis for assessment The Finnish Environment 8/2008 (in Finnish) <a href="https://helda.helsinki.fi/handle/10138/37930">https://helda.helsinki.fi/handle/10138/37930</a></p> <p>Assessment of threatened habitat types in Finland – Part 2: Habitat type descriptions The Finnish Environment 8/2008 (in Finnish) <a href="https://helda.helsinki.fi/handle/10138/37932">https://helda.helsinki.fi/handle/10138/37932</a></p>
Developed or improved a biological monitoring programme	<p>SALTI Programme: Development of a unified GIS application for the management of protected areas and the creation of information technology systems for protected areas; see 3.3</p> <p>Monitoring of habitat types and species in EU's Habitats Directive and Birds Directive <a href="http://www.ym.fi/en-US/Nature/Legislation/Nature_conservation_legislation">http://www.ym.fi/en-US/Nature/Legislation/Nature_conservation_legislation</a></p>
Conducted protected area research on key socio-economic issues	Socio-cultural and economic research: In addition to biodiversity-focused research, Metsähallitus Natural Heritage Services also cooperates with universities and research institutes (e.g. University of Oulu, Finnish Forest Research Institute) in the field of socio-economic and cultural research on protected areas; see 2.2.
Promoted dissemination of protected area research	<p>Downloadable publications:</p> <p>Metsähallitus Natural Heritage Services <a href="http://julkaisut.metsa.fi/">http://julkaisut.metsa.fi/</a></p> <p>Environmental administration (in Finnish) <a href="http://www.ymparisto.fi/fi-FI">http://www.ymparisto.fi/fi-FI</a></p>

<p>Revised management plan based on monitoring and/or research results</p>	<p>Management planning process includes e.g. "adaptive management approach".  The Principles of Protected Area Management in Finland:  New guidelines from 2010 (in Finnish)  <a href="http://julkaisut.metsa.fi/julkaisut/show/886">http://julkaisut.metsa.fi/julkaisut/show/886</a></p>
<p>Other research and monitoring activities</p>	<p>Co-operation agreements between Metsähallitus Natural Heritage Services and other organisations, e.g. Finnish Game and Fisheries Research Institute, Finnish Environment Institute, Finnish Forest Research Institute, Geological Survey of Finland  Co-operation targets and projects are defined annually with each organisation.</p>