

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).	
COUNTRY/region:	SWEDEN/ Västerbotten and Norrbotten counties
Name of person completing survey:	Olle Höjer
Email address of person completing survey:	Olle.Hojer@naturvardsverket.se
Date survey completed:	Preliminary version from 30 th September 2011
Please briefly describe who was involved in gathering information for this survey	Olle Höjer and Sandra Wennberg, Swedish Environmental Protection Agency (SEPA); Frederic Forsmark, Regional county board of Norrbotten; Sören Uppsäll, Regional county board of Västerbotten; Bengt-Gunnar Jonsson, Mid Sweden University; Malin Sahlin, Swedish Society for Nature Conservation
1) Has a multi-stakeholder advisory committee been formed to implement the PoWPA?	NO
2) Is there an action plan for implementing the PoWPA?	NO
3) If yes, please provide a URL (or attach a pdf) of the strategic action plan:	
4) If yes, which is the lead agency responsible for implementing the action plan?	
5) If not, are the PoWPA actions included in other biodiversity-related action plans? (please provide a URL or attachment if so)	Environmental quality objectives; National and regional strategies for the legal protection of forests; Mire protection plan

1.1 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?		(STATUS: 0-4) Forest: 3 Wetlands: 4	
2) If available, please indicate the URL (or attach a pdf) of the gap assessment report:			
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:		E.g. environmental quality objectives and regional targets	
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		See below	
Protected sea area		See below	
Proposed or planned PAs		See below	
Norrbotten + Västerbotten	Protected area	Planned protection	Protected & Planned
Total	18,6%	1,5%	20,1%
Land	20,2%	1,2%	21,4%
Water	9,9%	3,2%	13,2%
Bioms			
Forests	16,5%	1,2%	17,8%

Wetland	19,9%	2,5%	22,4%
Inland water	14,7%	1,0%	15,6%
Sea	6,1%	5,1%	11,2%
Protected areas include national parks, nature reserves and Natura 2000 sites Planned protection refers to areas approved for protection by SEPA			
Promoted an array of different types of protected areas (e.g., different IUCN Categories, CCAs (Community Conserved Areas) etc)		(Status: 0-4) 3	
Other actions to improve the representativeness and comprehensiveness of the network		Completing the Natura 2000 network; Strategies and protection in low altitude high value areas; Agreement on the protection of 1100km ² of state owned forest; Provide 1000 km ² of state owned forest land to compensate land forest companies for high conservation value forests	

1.2 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: http://www.cbd.int/doc/publications/cbd-ts-44-en.pdf	(STATUS: 0-4) 3
What progress has been made in assessing protected area landscape and seascape sectoral integration?	(STATUS: 0-4) 2
2) If available, please indicate the URL (or attach a pdf) of the assessment of protected area connectivity and sectoral integration:	Government directive; Conceptual analysis of green infrastructure
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	More involvement of the Sami people in the Lapponia World Heritage Site, pilot project to be evaluated
Created new protected areas in key connectivity areas	3
Improved natural resource management to improve connectivity	0
Designated connectivity corridors and/or buffers	2 Area and cluster analysis of core areas
Created market incentives to promote connectivity	Not applicable at regional level
Changed awareness of key stakeholders in key connectivity areas	2
Improved laws and policies within or around key connectivity areas	Not applicable at regional level
Restored degraded areas in key connectivity areas	2
Changed land use planning, zoning and/or buffers in key connectivity areas	1
Removed barriers to connectivity and ecological functioning	0
Integrated protected areas into poverty reduction strategies	Not applicable at regional level
Other actions to improve connectivity and integration	

1.3 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?	(STATUS: 0-4) 1
2) If available, please indicate the URL (or attach a pdf) of the assessment of opportunities for transboundary protected areas and regional networks.	
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	0
Contributed to the creation of regional-scale conservation corridors	2
Participated in the establishment of regional networks	2
Created enabling policies to allow for transboundary protected areas, such as Green belt, park to park etc.	0
Established a multi-country/regional coordination mechanism	1
Other actions to foster regional networks and transboundary areas	

I.4 To substantially improve site-based protected area planning and management	
1) What progress has been made in developing protected area management plans?	(STATUS: 0-4) 3
1) What percentage of your protected areas has an adequate management plan?	> 90%
2) What percentage of the total surface area of protected areas does the management plan(s) cover?	100%
3) Please provide a URL (or pdf attachment) of a recent example of a participatory, science-based management plan	
4) What actions have been taken to improve protected area management planning? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Developed guidelines and tools for developing management plans	3
Provided training and/or technical support in management planning	2
Developed management plans for protected areas	3
Do you have good scientific basis of existing management plans	2
Conducted protected area resource inventories	
Other actions to improve management planning	2 Management database

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?	(STATUS: 0-4) 1
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.	
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	
Improved staffing numbers and/or skills to prevent and mitigate threats	0
Included measures to address threats in a management plan	2
Improved management practices to prevent or mitigate threats	2
Increased threat mitigation funding	Not applicable at regional level
Developed a plan to address the impacts of climate change	0
Changed market incentives to reduce or prevent threats	Not applicable at regional level

Improved monitoring and detection of threats	2 Mining, wind power plants and roads are the most serious threats to existing protected areas in the Västerbotten and Norrbotten counties. Approximately 10-15% of protected areas in the region are under threat or have conflicts of interests.
Evaluated the efficacy of threat-related actions	0
Improved public awareness and behaviour regarding threats	I
Changed laws and policies related to threats	Not applicable at regional level
Restored degraded areas	I
Developed and/or implemented strategies to mitigate threats	I
Other actions to mitigate and prevent threats	

2.1 To promote equity and benefit-sharing	
What progress has been made in assessing the equitable sharing of costs and benefits of establishing protected areas?	(STATUS: 0-4) 2
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	
ACTION	CURRENT STATUS
Developed compensation mechanisms	In accordance with legislation
Other actions to strengthen equitable benefit--sharing	
4) What progress has been made in assessing protected area governance?	(STATUS: 0-4) 3
5) What percentage of protected areas has been assigned an IUCN category?	95-100%
6) If available, please indicate the URL (or attach a pdf) of the assessment of protected area governance:	
7) What actions have you taken to improve and diversify governance types? Please check all that apply, and provide a brief description	
ACTION	CURRENT STATUS
Created new protected areas with innovative forms of governance, such as community conserved areas	Nature conservation agreements, voluntary approach
According to IUCN guidelines reference...	Not applicable at regional level
Changed laws or policies to enable new governance types	
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?	(STATUS: 0-4) 3
2) What actions have been taken to improve indigenous and local community participation? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Assessed opportunities and needs for local community participation in key protected area decisions	3 National assessments ("Markägarenkäten", "Komet")
Improved laws, policies and/or practices to promote participation	In accordance with the Swedish environmental code
Developed policies for prior informed consent for resettlement	Not applicable
Improved mechanisms for participation of indigenous and local communities	2
Increased participation of indigenous and local communities in key decisions	In accordance with the Swedish environmental code

Other actions to promote participation	“Naturvårdsråd” – multi-stakeholder committee for nature conservation established; Laponia – pilot project
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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?	(STATUS: 0-4) 1
2) If available, please indicate the URL (or attach a PDF) of the assessment of the policy environment:	
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	Not applicable at regional level
Integrated PA values and ecological services into the national economy	Not applicable at regional level
Developed incentive mechanisms for private protected areas	Not applicable at regional level
Developed positive market incentives to support protected areas	Not applicable at regional level
Removed perverse incentives that hinder effective management	1
Cooperated with neighbouring countries on transboundary areas	1
Other actions to improve the policy environment	
4) What progress has been made in assessing the contribution of protected areas to the local and national economies?	(STATUS: 0-4) 1
5) What progress has been made in assessing the contribution of protected areas to the Millennium Development Goals?	(STATUS: 0-4) 0
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:	
7) What actions have been taken to value the contribution of protected areas? Please check all that apply, and provide a brief description	
ACTION	CURRENT STATUS
Created finance mechanisms linked to protected area values (e.g., payment for ecosystem services)	Not applicable on regional level

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?	(STATUS: 0-4) 2
2) If available, please indicate the URL (or attach a PDF) of the assessment of capacity needs:	
3) What actions have been taken to strengthen protected area capacity? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Created a professional development programme for protected area staff	2
Trained protected area staff in key skills	2
Increased the number of protected area staff	0
Other actions to improve capacity	

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?	(STATUS: 0-4) 3
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	
Developed and/or used appropriate technology for resource mapping, biological inventories and rapid assessments	3
Developed and/or used appropriate technology for monitoring	3
Encouraged technology transfer and cooperation between protected areas and agencies	3
Other actions to improve access to and use of appropriate technologies	

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?	(STATUS: 0-4) 3
2) If available, please indicate the URL (or attach a PDF) of the assessment of finance needs:	
3) What progress has been made in developing and implementing a sustainable finance plan that incorporates a diversified portfolio of financial mechanisms?	(STATUS: 0-4) 2
4) If available, please indicate the URL (or attach a PDF) of the sustainable finance plan:	
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	
Developed protected area business plan or plans	
Improved resource allocation procedures	
Provided financial training and support	
Improved accounting and monitoring	
Improved financial planning capacity	
Removed legal barriers to sustainable finance	
Other actions to improve sustainable finance	

3.5 To strengthen communication, education and public awareness	
1) What progress have you made in conducting a public awareness and communication campaign/programme?	(STATUS: 0-4) 3
2) If available, please indicate the URL (or attach a PDF) of the public awareness and communication plan:	The year of nature (2010)
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	
Conducted an awareness campaign on the value of protected areas to local and national economies	
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	
Developed protected area curricula with educational institutions, regarding to environmental education	
Produced public outreach materials	
Conducted public outreach programmes, such as Junior ranger, Europarc	
Other actions to improve communication, education and awareness	

4.1 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?	(STATUS: 0-4) 3
2) If available, please indicate the URL (or attach a PDF) of examples of protected area best practices and minimum standards.	
3) Is there a system in place for monitoring protected area outcomes achieved in line with the programme of work on protected areas	
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	
Developed standards and best practices for protected area management planning	
Developed standards and best practices for protected area management	
Collaborated with other Parties and relevant organizations to test, review and promote best practices and minimum standards, such as Emerald Network, Natura 2000, BPAN	
Other actions related to best practices and minimum standards	

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?	(STATUS: 0-4) 2-3
2) If available, please indicate the URL (or attach a PDF) of the assessment of protected area management effectiveness:	
3) In what percentage of the total area of protected areas has management effectiveness been assessed?	
4) In what percentage of the number of protected areas has management effectiveness been assessed?	
5) What actions have been taken to improve management processes within protected areas? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Improved management systems and processes	
Improved law enforcement	

Improved stakeholder relations	
Improved visitor management	
Improved management of natural and cultural resources	
Other actions to improve management effectiveness	
Have you submitted management effectiveness results to UNEP-WCMC's WDPA	

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?	(STATUS: 0-4) 3
2) If available, please indicate the URL (or attach a PDF) of a recent monitoring report.	VIC-NATUR, "Basinventeringen"
3) What actions have been taken to improve protected area monitoring? Please check all that apply, and provide a brief description:	
ACTION	CURRENT STATUS
Assessed the status and trend of key biodiversity	
Monitored the coverage of protected areas	3
Developed or improved a biological monitoring programme	
Developed a database for managing protected area data	3
Revised management plan based on monitoring and/or research results	2
Changed management practices based on the results of monitoring and/or research	
Developed geographic information systems (GIS) and/or remote sensing technologies	4
Other monitoring activities	

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?	(STATUS: 0-4) 1
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:	
ACTION	CURRENT STATUS
Identified key research needs	
Assessed the status and trends of key biodiversity	
Developed or improved a biological monitoring programme	
Conducted protected area research on key socio-economic issues	
Promoted dissemination of protected area research	
Revised management plan based on monitoring and/or research results	
Other research and monitoring activities	