

The Swedish International Biodiversity Programme, SwedBio

**A Sida-supported programme at the
Swedish Biodiversity Centre**

&

**International MSc programme on
management of biological diversity**

Work Plan 2007:

..... **30 November 2006**

Acronyms

ABN	African Biodiversity Network
ABS	Access and Benefit Sharing
ACTS	African Centre of Technology Studies
ADB	Asia Development Bank
BCCI	Biological Conservation Corridors Initiative
CBD	Convention on Biological Diversity
CBDC	Community Biodiversity Development and Conservation
CBM	Swedish Biodiversity Centre
CEMUS	Centre for Environment and Development Studies
CGIAR	Consultative Group of International Agricultural Research
COP	Conference of the Parties
DNRE	Department for Natural Resources and the Environment (at Sida)
EEU	Environmental Economics Unit (at the Gothenburg University)
EIA	Environmental Impact Assessment
EU	European Union
FAO	Food and Agriculture Organisation
GEF	Global Environment Facility
GRAIN	Genetic Resources Action International
IIED	International Institute for Environment and Development
IIFB	International Indigenous Forum on Biodiversity
IPGRI	International Plant Genetic Resources Institute
KSLA	the Royal Swedish Academy of Agriculture and Forestry
ITPGRFA	International Treaty on Plant Genetic Resources for Food and Agriculture
IUCN	World Conservation Union
MA	Millennium Ecosystem Assessment
MDG	Millennium Development Goals
NGO	Non Governmental Organisation
PGU	Sweden's policy for Global Development
SBSTTA	Subsidiary Body on Scientific, Technical and Technological Advice
SEA	Strategic Environmental Assessment
SEARICE	South East Asia Regional Initiative for Community Empowerment
SEI	Stockholm Environment Institute
SENSA	the Swedish Environment Secretariat for Asia
SEPA	Swedish Environment Protection Agency
Sida	Swedish International Development Cooperation Agency
SLU	Swedish University of Agricultural Sciences
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UU	Uppsala University
WCMC	World Conservation Monitoring Centre
WIPO	World Intellectual Property Organisation
WHO	World Health Organisation
WRI	World Resources Institute
WWF	World Wide Fund for Nature

Contents

Acronyms	2
Contents	3
0. General introduction	5
1. SwedBio Work Programme 2007	6
1.1. Introduction	6
1.1.1. Long-term objectives, strategy and main components of work	6
1.1.2. Priorities 2007	7
1.1.3. Budget and prioritisation of SwedBio staff time	8
1.2. The Collaborative Programme.....	8
1.3. Integration of biodiversity in Swedish development cooperation.....	10
1.3.1. Encouraging integration of biodiversity-livelihoods concerns into Sida's work	10
1.3.2. Capacity building of, and networking with, other Swedish organisations and actors	12
1.4. International dialogue, and policy- and methods development	13
1.5. Supporting functions	14
2. Master of Science in Management of Biological Diversity.....	15
2.1. Background	15
2.2. The fifth course 2007-2009.....	16

Annexes

Annex 4. Revised SwedBio Communication Strategy	39
Annex 6. Course Contents	45

O. General introduction

This document includes the annual work plan and budget 2007 for two Sida-supported programmes at the Swedish Biodiversity Centre (CBM): the work plan/budget for SwedBio and the Work Plan-/budget for an International MSc programme in biodiversity management.

SwedBio

The SwedBio programme is an on-going programme that is covered through a set of agreements between Sida and CBM:

- A three-year Core Agreement 31/05- 31/12/07 in support of SwedBio's basic costs (staff, travels etc).
- A specific agreement for the Collaborative Programme, presently valid for the five-year period 1/1/03 – 31/12/07.
- Annual agreements pertaining to Sida's so-called Multi-Vote, which is used by SwedBio to support civil society engagement and participation in multi-lateral processes of relevance to biodiversity management. These supports are described under the Collaborative Programme.

A separate request of SEK 2,5 million, for the anticipated Multi-Vote allocation 2007, will be submitted to Sida at the beginning of 2007.

- An additional and separate agreement is anticipated for specific support to global follow-up of the Millennium Ecosystem Assessment. This is also described under the Collaborative Programme.

The Work Plan and budget covers all the above components.

Master of Science in Management of Biological Diversity

The CBM Master Programme was initiated in 1998 as a means to fulfil the goals in article 12 of the Convention for biological diversity as well as the corresponding article in the European Union Biodiversity Strategy.

The programme starting in September 2007 is the fifth Master Programme that CBM arranges. CBM anticipates that the Master Programme and the SwedBio Core activities in the future be covered in the same agreement between CBM and Sida.

A separate request for additional allocation from Sida, of SEK 653 000 for the Master programme costs 2007, will be submitted to Sida early 2007.

1. SwedBio Work Programme 2007

1.1 Introduction

Biodiversity is a crucial resource for the worlds' poorest. Rights to and sustainable use of biodiversity are often critical for local livelihoods, and are intimately linked to fundamental development aspects such as poverty, food security, equity, economic growth, health, and trade. Sustainable use of biodiversity is thus a prerequisite for sustainable development and poverty alleviation in both local and global perspectives. Biodiversity is a fundamental Global Public Good.

The Swedish International Biodiversity Programme (SwedBio) was initiated in late 2002 by the Swedish International Development Cooperation Agency (Sida) to allow a pro-active and strategic approach to addressing biodiversity for local livelihoods within Swedish international development cooperation, including acting as a source of expertise to Sida. Sida selected the Swedish Biodiversity Centre (CBM) as the most suitable host institution for the new initiative.

1.1.1 Long-term objectives, strategy and main components of work

The SwedBio three-year plan (1 January 2005 - 31 December 2007) specifies the development objective of SwedBio as *“to contribute to poverty alleviation and improved livelihoods through equitable, sustainable¹ and productive management, of biodiversity resources at all levels – genes, species and ecosystems”*. The specific programme objective for SwedBio is to *“contribute to increased capacity and commitment of Swedish international development cooperation to pro-actively and strategically work towards the development objective”*.

Nine main themes, grouped into three inter-linked dimensions, have been identified that addresses different subject matters and dimensions, see Box 1.

Box 1. Main dimensions and themes

1. Sustainable management of biodiversity to ensure continued functioning and delivery of ecosystem services for human well-being and health and contribute to poverty alleviation. This includes three main themes:
 - a. Biodiversity and food and income.
 - b. Biodiversity and health.
 - c. Biodiversity and vulnerability.
2. Ensuring equity and human rights in management and use of biodiversity and ecosystem services. The three themes under this dimension are:
 - a. Increasing civil society involvement in international processes regarding biodiversity management.
 - b. Collaborative and community-based management of biodiversity resources.
 - c. Biodiversity and gender.
3. Support development of appropriate incentive frameworks and good governance in order to address root causes of biodiversity loss, which includes the following themes:
 - a. Biodiversity, macro-policies, trade and international conventions.
 - b. Integration of biodiversity-livelihoods concerns in development planning and sector frameworks.
 - c. Communication and awareness-raising

¹ Conservation of biodiversity (the first objective of the Convention of Biological Diversity) is embedded in the concept of “sustainable use/management” (i.e. if biodiversity is not maintained and conserved it cannot be regarded as being managed/used sustainable), and is therefore not included as an end in itself.

The work is organised into four main components:

1. Financial support to strategic initiatives, through the Collaborative Programme.
2. Integration of biodiversity aspects into Swedish development cooperation, including support to Sida and collaboration with other Swedish organisations.
3. International dialogue and policy development, including support to the Swedish Government.
4. Supporting functions, e.g. information/home page and work planning and reporting.

1.1.2 Priorities 2007

During 2007 SwedBio will give specific priority to:

- Continue development of the Collaborative Programme and dialogue with supported organisations.
- Continue - and expand - support to and interaction with Sida.
- Continue encouraging follow-up actions and responses to the Millennium Ecosystem Assessment reports and findings.

In addition SwedBio will give special and/or increased attention to the following subject matters through-out it's work programme and **all** components (i.e. Collaborative Programme, Integration, Policy- and methods development) of work:

- **Biodiversity, ecosystem services and climate change.** Linkages between biodiversity, ecosystem services and climate change - with particular attention to implications for local livelihoods and human well-being - is a new subject that will be addressed through-out all work components – the Collaborative Programme, the integration work, and the international dialogue/policy- and methods development. This includes looking at implications of expanding biofuel plantations in the South and their implication on biodiversity as well as livelihoods. Biodiversity-climate change is particularly relevant in relation to 1c (vulnerability) and 3a (addressing root causes, e.g. macro policies and trade) of SwedBio's nine themes (see Box 1).
- **Democracy and human rights:** SwedBio will continue promoting democratic decision-making and good governance (including rights and access of local communities and indigenous peoples and community and collaborative management) of biodiversity resources, as a key aspect through-out its work. This relates specifically to the 2nd of the three dimensions (see Box 1).
- **Health and biodiversity.** Initiated work on health and biodiversity will continue. A number of on-going and new initiatives within the Collaborative programme, address health & biodiversity linkages in different ways, and this will remain a priority theme for new collaborations. SwedBio will also give increased attention to following the international policy- and methods development on health and biodiversity, and will seek active contact with relevant departments at Sida. Note that the issue is already identified and covered in theme 1b (see Box 1).
- **MA-follow-up, indicators and assessment.** Several new collaborations related to development of indicators for biodiversity & well-being and the specific MA follow-up programme were identified already during 2006 and these will remain important parts of the Collaborative Programme on-wards. SwedBio will follow and participate in the international dialogue and policy- and methods development, and experiences pertaining t MA-follow as well as on indicators and assessment in general, are hoped to be of use in the integration work at Sida as well. Indicators and assessments are particularly relevant in relation to 3b (integration in plans and sectors) and 3c (communication) (see Box 1).
- **Productive and biodiversity-based agriculture:** with particular focus on small-scale farmers in Africa. Of the nine themes it is most immediately of relevance in relation to 1c (food and income) but actually relates to all nine.

1.1.3 Budget and prioritisation of SwedBio staff time

The annual budget for SwedBio (salaries, travels etc) during 2007 is SEK 5 760 000 (see Annex 1). The indicative time² to be spent on each of the main components is summarised below (Table 1).

Suggested staffing during 2006 is as follows:

- | | |
|---|--------|
| 1. Programme Coordinator: | 100% |
| 2. Programme Officers: | |
| - Four Senior Programme Officers: | 350% |
| - Programme Officer: | 15% |
| (same person as Assistant Administrative Officer) | |
| 3. Administrative Officers: | |
| - Administrative officer | (50%). |
| - Assistant Administrative Officer | (35%) |

Table 1. Prioritisation of SwedBio staff time

Activity	Planned 2006	Jan-Sept 2006	Planned 2007
1. COLLABORATIVE PROGRAMME	38%	41%	40%
2. <i>INTEGRATION IN SWEDISH DEVELOPMENT COOPERATION</i>	34%	30%	33%
a) Integration at Sida	(22,5%)	(15%)	(21,5%)
b) Interaction/dialogue with other Swedish actors	(11,5%)	(15%)	(11,5%)
3. INTERNATIONAL DIALOGUE/POLICY	12%	13%	12%
4. SUPPORTING FUNCTIONS	16%	16%	15%
a) Work planning & reporting	(9,5%)	(9%)	(9%)
b) General administration	(2,5%)	(4%)	(3%)
c) Information material	(2,5%)	(1%)	(1%)
d) Competence development	(1,5%)	(2%)	(2%)

1.2. The Collaborative Programme

The on-going agreement regarding the Collaborative Programme was during 2006 extended two years, and now covers the period 1 January 2003 up to 31 December 2007. Guiding principles, priorities and criteria are provided in the document "Rationale, priorities and criteria for the Collaborative Programme" (from December 2005). Gender, ecosystem services and addressing root causes will remain important cross-cutting issues during 2007. An overview of supported organisations and projects is provided in Annex 2, and the budget for the Collaborative Programme

² By the programme officers and programme coordinator (administrative staff is not included). This time allocation is indicative only, and serve as a general guideline for prioritisation of activities

is attached in Annex 3. A summary of particularly important areas for *new* collaborations is provided in Box 2.

SwedBio will address the priority topics as follows:

- ***Biodiversity, ecosystem services and climate change***, including the issue of biofuel plantations and their expansion in the South. This is a new topic for SwedBio that will be given priority in identification of new collaborations.
- ***Democracy and human rights***: This is a key aspect already in the majority of the on-going collaborations, and will clearly remain so during 2007. The support to participation of civil society in international processes related to biodiversity management is an important part.
- ***Health and biodiversity***. Initiated work on health and biodiversity will continue. A number of on-going and new initiatives within the Collaborative programme, already address health & biodiversity linkages in different ways, but it will remain a priority theme for new collaborations.
- ***MA-follow-up, indicators and assessment***. Several new collaborations related to development of indicators for biodiversity & well-being and the specific MA follow-up programme were identified already during 2006 and these will constitute important parts of the Collaborative Programme on-wards. Programming of this support is already well under way. Examples include the planned collaborations with IAIA/CBBIA, IIFB/Tebtebba, UNEP, WCMC-2010BIP, and WRI (see Annex 2)
- ***Productive and biodiversity-based agriculture***, with particular focus on small-scale farmers in Africa. SwedBio already collaborates with several organisations that in different ways focus on productive and biodiversity-based agriculture, e.g. ABN/GAIA, CBDC-Africa, and GRAIN.

Box 2. Specific priorities for new/additional collaborations during 2007

The following thematic areas have been identified as prioritised for new collaborations during 2007:

- Biodiversity, ecosystem services and climate change, including the issue of biofuel plantations and their expansion in the South. (*New priority*)
- Health and biodiversity.
- Market-based mechanisms (e.g. certification schemes etc).
- Marine and coastal ecosystem management.
- Continue supporting civil society engagement in relevant multi-lateral processes and meetings, and during 2007 in particular support involvement in CBD-processes, ITPGRFA, WIPO and FAO-related processes in general.

The work is sub-divided into two sub-components: managing and continuously developing the Collaborative Programme, and promoting learning and feed-back from the Collaborative Programme. The latter is one of the specific long-term objectives for the component, but as it is strongly linked to the integration work, activities are described below under section 1.3.

SwedBio will continue to manage the Collaborative Programme, maintain in-depth dialogue with the different organisations supported, and ensure adequate follow-up and monitoring of supported initiatives. This will include continued encouragement to focus more on eco-system services and more coherent addressing of gender aspects, within supported initiatives and more collaboration and exchange between them (when relevant and there is an interest). More attention will be given to improving reporting of results.

Specific activities:

- Continue work with identifying new collaborations, with particular focus on the priority subjects/issues identified in Box 2.
- External evaluation of SEARICE (the CBDC/BUCAP-programme)
- External audit of GAIA/ABN.
- Continue work on simplifying routines for administration of the collaborative programme, including developing a data-base for economic follow-up.
- Give more attention to documenting and capturing experiences and learning from supported initiatives through a) reporting/discussions on concluded projects as regular part (standing point) at “AG-meetings”, b) systematically finalise and summarise learning from projects when concluded through use of the developed “Finalisation formats”, c) and a one day internal seminar to discuss “lessons learned”
- Summarize results from the supported initiatives 2006, to be presented in a separate annex in the 2006 Annual Report.
- (See also related activity under 1.3.1: Organise/facilitate presentations of supported partners at Sida, and for other actors directly involved in development cooperation, when there is opportunity (during visits etc).
- (See related activities under 1.5.2. Develop proposal to Sida for new phase of the Collaborative Programme.)

1.3. Integration of biodiversity in Swedish development cooperation

This component includes two sub-components:

- Encouraging integration of biodiversity-livelihoods concerns into Sida’s work
- Capacity building of and networking with other Swedish organisations and actors.

1.3.1 Encouraging integration of biodiversity-livelihoods concerns into Sida’s work

SwedBio will during 2007 continue to give priority to supporting integration of biodiversity-livelihood aspects - with strong focus on maintaining ecosystem services for well-being and poverty alleviation, and a clear rights perspective - into Sida’s policies, plans, programmes and projects. This work will basically be demand-driven, but SwedBio will also seek active dialogue, particularly in relation to the five identified priority issues, as follows:

- ***Biodiversity, ecosystem services and climate change***, including the issue of biofuel plantations and their expansion in the South. Collaboration with the climate specialist at Sida’s Environment Policy Unit is expected. A fact sheet on the topic will be produced.
- ***Democracy and human rights***: The produced fact sheet on the topic will be disseminated. Contacts and collaboration with Sida-DESO/DESA will be sought.
- ***Health and biodiversity***. The produced fact sheet on the topic will be disseminated. Contacts and collaboration with Sida-DESO/Health will be sought.
- ***MA follow-up, indicators and assessments***: Opportunities to discuss MA will be actively pursued. In addition there may be a need to support Sida in looking at the Sida-reporting frameworks related to biodiversity and the use of the so-called Rio-markers.
- ***Productive and biodiversity-based agriculture***, with focus on small-scale farmers in Africa. Opportunities to disseminate experiences from the Collaborative Programme will be actively sought.

A key challenge is to establish contacts and dialogue directly with the visiting Swedish Embassies, during field trips, to inform about SwedBio’s work and availability as a resource (and about

supported initiatives in the visited country), and making sure that the Embassies receive relevant materials produced by SwedBio.

Collaboration and exchange with the two other environmental Sida help-desks (the Strategic Environment Help-desk at the Environmental Economics Unit, Gothenburg University, and the Environmental Impact Assessment (EIA) help-desk at SLU) will remain important, with the aim to provide all environmentally related inputs and comments through one channel/window usually the EIA help desk, EEU or the Environmental Policy Unit (unless a programme officer specifically asks for direct in-puts from several help-desks).

Planned and/or anticipated activities

a) Function as general resource and expert function to Sida-staff

- SwedBio shall continue to on demand provide comments and support on projects and programmes under preparation, follow-up, review or evaluation. This will include providing comments through (and/or coordinated by) the other two help-desks.
- Continue functioning as dialogue partner and assist in following a planned support to the Asia Development Bank (ADB) for the so-called “Biodiversity Conservation Corridors Initiative” (BCCI) in the Greater Mekong Sub-region (GMS). This will also include collaboration with the Swedish Environmental Secretariat for Asia (SENSA) in Bangkok. This is anticipated to demand 3-4 weeks of SwedBio’s time during 2007.
- SAREC has indicated a strong interest in more collaboration with SwedBio, e.g. in relation to monitoring projects and/or providing comments on proposals. Indicative time for this work is four weeks during 2007.
- Sida-DNRE and RRD-Nairobi has indicated a tentative interest in drawing on SwedBio in dialogue with the Nairobi-based African Centre of Technology Studies (ACTS).
- Collaborate with, and provide in-puts to, the Environmental Economics Unit (EEU) in Gothenburg regarding country-level and regional Collaboration Strategies³.
- Continue encouraging the so-called Invitation Area for Swedish researcher regarding interdisciplinary research on “biodiversity and local livelihoods”, including up-dating the background information text (January 2007) and contributing with comments to Sida-SAREC on proposals received (June-August).
- Depending on interest, SwedBio will collaborate with other Government Agencies implementing Sida-supported programmes, e.g. the Swedish Environment Protection Agency (SEPA).

b) In-depth case studies in different sectors

- Initiate case study in collaboration with EIA help-desk and concerned Embassy, potentially regarding SEA in the roads sector in Laos PDR.

c) Information and/or training.

- Disseminate produced thematic fact sheets at Sida, and produce at least two additional ones on the following themes “Biodiversity and climate”, and “Biodiversity and human rights”.
- In collaboration with Sida-SAREC potentially organise a seminar with the Swedish researchers that have received research grants from the invitation area on biodiversity-livelihoods.
- Organise smaller meetings and/or seminars at Sida with visiting persons from supported organisations (depending on visits taking place and interest at Sida).

³ It is not yet known to SwedBio which countries and regions that may be relevant during 2007.

1.3.2 Capacity building of, and networking with, other Swedish organisations and actors

SwedBio will continue networking with other actors in Swedish development cooperation, including some capacity building and to a limited extent giving lectures and/or (in collaboration with others) organise seminars/workshops e.g. with visiting partners from the Collaborative Programme. The main focus remains on networking with organisations and stakeholders with a direct involvement in Swedish development cooperation, and/or processes of high relevance to Swedish development cooperation.

- ***Biodiversity, ecosystem services and climate change***, including the issue of bio-fuel plantations and their expansion in the South. No activities are anticipated at the moment, but SwedBio will be open to engage if a relevant process and /or activity appears.
- ***Democracy and human rights***: This perspective will be strongly high-lighted in all SwedBio's interactions with other stakeholders in Sweden.
- ***Health and biodiversity***. No specific activities are anticipated at the moment, but SwedBio will be open to engage if a relevant process and /or activity appears.
- ***MA follow-up, indicators and assessments***: Opportunities for dialogue on particularly MA with other Swedish actors and stakeholders will be given high priority.
- ***Productive and biodiversity-based agriculture***, with focus on small-scale farmers in Africa. SwedBio is already engaged in a KSLA-related process on agriculture in Africa, and SwedBio will continue to follow this and/or other relevant processes on the topic.

Continuous dialogue with relevant Swedish organisations.

- Maintain contact and dialogue with "like-minded" Swedish organisations that have a "biodiversity and livelihood" focus, and experiences of working with a development perspective, including NGOs (e.g. SSNC, WWF etc), research institutions (e.g. SEI, Department of Systems Ecology, the new Mistra-institute on Sustainable Development, the Swedish Scientific Council on Biodiversity etc), and with consultancy companies focusing on natural resources management in developing countries.
- Maintain some dialogue and contacts with other research departments and universities, to promote interest and research on linkages between biodiversity and poverty alleviation.
- Participate in seminars, workshops etc organised in Sweden of clear relevance to SwedBio's work.

Contribute to internationalisation processes and dialogue at CBM

- Continue dialogue and exchange within CBM, including e.g. participation in CBM's internal staff meetings, and a limited number of lectures at the MSc-programme (see Section 2).
- (Swedbio will also provide in-put to the CBM thematic programme on biodiversity and international development cooperation, for which the SwedBio-coordinator is responsible. Costs (time) for this is mainly covered from the CBM-budget though (and not the SwedBio-budget).
- (See Section 2 on the MSc-programme. Facilitate for visiting partners within the Collaborative Programme to give lectures/presentations at CBM's international MSc-programme on biodiversity management, and provide some lectures at the training course. Two SwedBio staff member also functions as supervisor to MSc-students. All costs (time) for SwedBio-staff support to the MSc-programme is however paid from the MSc-budget and not the SwedBio-budget.)

Contribute to internationalisation processes and dialogue at SLU and UU

- Depending on interest from SLU, SwedBio (and CBM) may get more involved in overall discussions and dialogue regarding Sida-SLU collaboration.

- Continue dialogue/exchange with other departments at SLU, with SDS and with CEMUS etc.
- (Continue participation in the SLU-coordinating committee for the planning of the “Linné-jubilee” (which will take place in 2007) and specifically work with international linkages. The costs (time) for this will *not* be covered from the SwedBio-budget.)

1.4 International dialogue, and policy- and methods development

This component cover the work where SwedBio staff is *directly* involved in processes related to international methods- and/or policy development. This can e.g. include encouraging a stronger focus on development and poverty perspectives (in line with the PGU and with SwedBio’s objectives and point of departures) within *Swedish* positions and framework of relevance to biodiversity management, as well as direct involvement in various international processes. The exchange with and learning from the partners within the Collaborative Programme will remain important.

The Convention on Biological Diversity is so far the focus in SwedBio’s direct involvement in policy-processes. One reason is that CBD (and processes under CBD) are of strong relevance to SwedBio’s work. Another reason is that it has been comparably easier to “get access” and get opportunity to engage in CBD-processes compared to many other international processes. During 2006 SwedBio started to engage directly in other international policy processes (e.g. WIPO and ITPGRFA) and this is anticipated to continue during 2007.

SwedBio has also good contacts with the Swedish Ministry of Sustainable Development and Environment and is expanding contacts with other relevant Swedish Ministries (e.g. Ministry for Foreign Affairs, Ministry of Justice, Ministry of Agriculture etc).

SwedBio will also continue to maintain and develop dialogue with key multilateral and UN-agencies, e.g. UNEP, UNDP, FAO, WIPO and possibly WHO etc, and with selected CGIAR-institutes, (IPGRI, CIFOR and ICRAF), and other international organisations (IUCN, IIED, WRI etc).

During 2007, SwedBio will in particular (in line with the general priorities identified) give priority to participating in processes and issues linked to:

- ***Biodiversity, ecosystem services and climate change***, including the issue of bio-fuel plantations and their expansion in the South. SwedBio will urgently need to get more up-dated.
- ***Democracy and human rights***: This is a cross-cutting issue of high relevance in most processes. An important example is the development and debate regarding protected areas, people and collaborative management, since it is of high relevance in relation to both sustaining ecosystem services and a key issue in relation to rights and roles (human rights/democracy) of indigenous peoples and local communities.
- ***Health and biodiversity***. No specific activities are anticipated at the moment, but SwedBio will be open to engage if a relevant process and /or activity appears.
- ***MA follow-up, indicators and assessments***: The international experiences on MA follow-up will be of high priority to follow, as well as engaging directly in relevant processes to promote MA follow-up.
- ***Productive and biodiversity-based agriculture***, with focus on small-scale farmers in Africa. There are a vast number of very relevant processes to follow, including those related to genetic resources and agriculture (e.g. the ABS Working Group under CBD and ITPGRFA). for Africa.

Planned and/or anticipated activities:

- Depending on own time, as well as on interest from concerned Ministries, SwedBio may participate in a few selected CBD-related meetings (e.g. ABS working group, Protected Area working group, and/or SBSTTA etc), as well as ITPGRFA-meeting, the WIPO-IGC etc.
- On behalf of Sida, SwedBio will function as the Swedish focal point for following the CBD work programme on “Technology transfer”. It is not known what actual in-puts from swedbio this will require during 2007.
- Continue participation in meeting/s with the EU working group on biodiversity in development cooperation (or Tropical Biodiversity Advisory Group, TBAG as it is also called), and provide comments on documents produced if and when required.
- Participate in Nordic advisory committee on the planned 2007 Norwegian “Trondhiem Conference on “MDG, CBD Strategic Plan and MA”, as well as participating in the Conference.
- Continue participating in the so-called Poverty Conservation Learning initiative - a network coordinated by the International Institute for Environment and Development, IIED), and start getting involved in the IUCN network on Community Conserved Areas (CCA).

1.5. Supporting functions

The following supporting functions underpin the work within the main components outlined above:

- *Information, including home page:* Some up-dating of the home-page, printing of annual reports, and completion and printing of fact sheets are among the anticipated activities.
- *Planning and reporting:* The Sida and CBM Consultative Group (with two representatives from Sida and two from CBM) will meet 4-5 times to provide strategic guidance to SwedBio. A number of planning and reporting documents will be produced during 2007. In addition to the regular plans and reports a plan for a new phase of the Collaborative Programme will be compiled (see Box 3 for overview). Separate Terms of Reference will be produced for specific tasks.
- *Competence development of staff:* Tools for planning and follow-up (results-based management) of support is a priority area for competence development, and may e.g. include training on LFA, results reporting etc. Opportunities to attend training provided by Sida will be actively sought.
- *General administration:* General administration covers all paper-work undertaken by programme officers that is not linked to any of the work components, e.g. travel claims, file keeping etc

Box 3. Plans and reports to be prepared 2007

- Weekly staff meetings.
- Two planning days/year.
- Prepare proposal to Sida for new phase of the Collaborative Programme.
- Prepare narrative and financial report from 2006.
- Prepare six-month financial report, Jan-June 2007.
- Prepare nine-month (1 January – 30 September, 2007) narrative report.
- Prepare Work Plan and annual budget for 2008, as basis for a one-year extension.

2. Master of Science in Management of Biological Diversity

Swedish Biodiversity Centre (CBM) has since autumn 2005 arranged the *Master of Science in Management of Biological Diversity*. The Master programme 2007-2007 has been funded through:

- a) Sida's Environment Policy Unit – six students.
- b) EAPGREN (eastern Africa), - five students
- c) SPGRC (southern Africa), - five students
- d) SEEDNet (countries in the Balkan region) – eight students

EAPGREN, SPGRC and SeedNet are regional gene bank programmes fully funded by Sida, and provide scholarships to the master programme for persons within their respective networks.

CBM is currently planning and preparing for the next round of the programme, starting in September 2007. The total costs per student for the full two-year (2007-2009) programme is 494 000 SEK, and CBM will apply for continued support from Sida's Environment Policy Unit to six positions on the programme. Funding from Sida's Environment Policy Unit would make it possible to broaden the student base for the Master Programme, making it possible to include students from south-east Asia and Latin America.

The costs per student for the semester starting September 2007 are calculated to SEK 108 800. The costs are calculated in order to cover all expenses for the programme in accordance with *the Ordinance on Contract Education at Universities and University Colleges (SFS 2002:760)*, and the budget document for the Swedish Agricultural University.

CBM will hence make a supplementary application early 2007 to Sida and apply for a funding of totally 653 000 SEK (see annexes 5a and 5b) for six students during 2007. CBM anticipates that this would be covered in an addendum to the on-going agreement between CBM and Sida for SwedBio's core functions.

2.1 Background

There is a great need for capacity building concerning conservation and sustainable use of biological diversity. The threats against biodiversity are gradually becoming worse at a higher rate than ever before, the need for a sustainable use of biodiversity increases with a higher population growth and rising poverty, fast changes are happening within biological and genetic research and several international agreements, conventions and national laws are negotiated or implemented. Therefore it is of great importance that the capacity is increased within this area, especially within the developing countries, in order to deal with new and complex situations.

The CBM Master Programme was initiated in 1998 as a means to fulfil the goals in article 12 of the Convention for biological diversity as well as the corresponding article in the European Union Biodiversity Strategy. The programme starting in September 2007 are the fifth Master Programme that CBM arranges. CBM thus has a long experience with this kind of educational programmes. Other advantages with CBM as responsible part for this Master Programme are:

- The CBM staffs have a broad knowledge base within the area of biological diversity, with representatives from both social and natural science.
- Well established individual and institutional international network.

- Relevant and good experience of international work, through participation in CBD-negotiations, and ABS-negotiations.
- CBM is the host institution for the Swedish International Biodiversity Programme (SwedBio) which long-term objectives and main components of work are coherent with the aim of the MSc-programme.

CBM and its network is a national resource which has unique conditions to carry out a multifaceted and high qualitative Master Programme.

2.2 The fifth course 2007-2009

The Master programme takes an interdisciplinary approach to conservation and sustainable use of biological diversity and the relationship between biological diversity and human societies, which puts the programme in a unique position among other similar educational programmes, even in an international perspective. In addition to life and agricultural sciences, the programme will emphasize the social, legal and political aspects of sustainable use, conservation and equitable sharing of benefits from the use of biological diversity. It will enable students to acquire competence and skills in assessments, analyses, and management of biological diversity, at national and international levels.

The programme structure is currently under revision due to the Bologna Process in the EU, which among other things means the Swedish Master level will be equivalent to other international master programmes. The Master Programme in Management of Biological Diversity arranged by CBM is of two-year duration (four semesters), 120 ECTS. ECTS (The European Credit Transfer System) gives 60 credits for one year of successful studies. One academic semester contains 30 ECTS and stretches over 20 weeks.

The first year of studies consists of courses on site at the Swedish Biodiversity Centre in Uppsala, Sweden (see annex 4 for information on the course contents). The main part of the second year is spent in the student's country of residence, or other approved research locality, doing independent field work for the thesis project and finalizing the thesis, followed by a thesis defence act at the end of the spring semester 2009.

Due to the Bologna-process within the EU, aiming at making higher education throughout Europe and the world more equivalent, the overall structure and syllabi is currently under revision.

Collaboration on the next batch of the MSc programme is currently being developed between CBM and *Bioversity International* (former IPGRI). One activity being discussed are hosting of thesis research for some of the students. The Bioversity International could suggest key thesis subjects based on some of their focus areas but also geographically demarcated to their key regions throughout the world.

Revised SwedBio Communication Strategy

1. Target Groups

The work of SwedBio is targeted to a number of different actors and organisations, all of which - directly or indirectly – are (or should be) concerned with sustainable management of biodiversity for poverty alleviation and local livelihoods. These different actors have vastly different point of departure, objectives, and need for and interest in information about biodiversity management and the work of SwedBio, and can be grouped into five main categories:

- Sida staff.
- Organisations and networks that SwedBio may support financially.
- Swedish organisations involved in international development cooperation.
- International networks and organisations.
- The Swedish public at large (to a limited extent).

2. Communication objectives

The overall communication objective is to encourage, and as far as possible ensure, that Swedish international development cooperation interventions (projects, programmes, plans and policies) are based on (or take into due account) sustainable, equitable and productive management of biodiversity and sustaining ecosystem services.

The main communication strategy of SwedBio is to engage directly in, and contribute to, on-going processes with other actors, as outlined in the three-year plan of operation 2005-2007, and in accordance with the Work Plan for 2007 (see detailed descriptions for anticipated work under components 1-3 in the WPdocument). This is the area where the focus of the work lies.

To support this SwedBio produces a limited set of information materials for the different audiences identified above. The most important messages to disseminate are:

- Information about the work of SwedBio, including objectives, points of departure, activities and results.
- Brief general information and awareness about the importance of biodiversity for local livelihoods, poverty alleviation and economic growth, including linkages to health, human rights, conflicts etc.
- More targeted information on specific linkages, and “how to” integrate biodiversity within different development cooperation programmes/projects.

3. Targeted information

3.1 Sida staff, including the Embassies,

Sida personnel – both in Stockholm and at the Embassies – is a key group for SwedBio to interact with. SwedBio will therefore actively seek opportunities to engage in Sida-relevant processes, and will continue to give priority to answer up to requests for support/comments from Sida. Often this will include close collaboration with the other two help-desks.

With the decentralisation of management of most bilateral development cooperation (including policy processes such as Cooperation Strategies) to the Swedish Embassies in the respective country, it becomes a particular challenge of increasing importance to develop contacts with these. At the same time it is not an easy task, since there is no natural –or in-built - reason for interaction. The challenge is likely to be particularly huge with Embassies without natural resources programmes and/or internal capacity and interest to follow and discuss natural resources related issues.

There are a number of opportunities for SwedBio to interact with Sida HQ and the Embassies:

- Seek opportunities for organising meetings, presentations and/or smaller workshops with visiting partners within the collaborative Programme and Sida-personnel.
- Seek and use opportunities to participate in seminars, workshops, presentations etc, at Sida, as well as participate in relevant training sessions organised by Sida that are open to external organisations.
- Ensure that information about SwedBio – and what SwedBio can offer - continues to be available on Sida’s intranet, and continue disseminating the information sheet about services SwedBio can offer to Sida-staff (similar to the other two help-desks).
- SwedBio should always attempt to seek appointments at the Swedish Embassies in countries visited during field trips, and take the opportunity to inform both about supported initiatives in the country and about SwedBio’s mandate and the possibility to draw on SwedBio as a resource.
- Relevant reports and materials produced by SwedBio should be disseminated at Sida-HQ and to the Embassies.

3.2 The organisations and networks that SwedBio may support financially through the Collaborative Programme

These groups and organisations must be able to find information about the objectives and scope of SwedBio, SwedBio’s criteria for financial support, and our routines for application and assessment of proposals.

3.3 International organisations and networks, working with natural resources (including biodiversity) and international development cooperation as well as Swedish actors directly involved in international development cooperation,

This category must be able to find information about SwedBio’s “profile” – e.g. SwedBio’s objectives, activities and results, including from the work with biodiversity integration.

3.4 The Swedish public at large, including teachers and students, shall be able to get a general overview of both the issues (the importance of biodiversity to poverty alleviation) and the work of SwedBio.

4 Communication methods

Different communication methods will be used depending on target group and message, including:

Type	Content/examples	Main target group	Status/plans 2007
1. Home page and linkages			
SwedBio homepage (English)	<ul style="list-style-type: none"> • General information about the importance of biodiversity to poverty alleviation • General information about SwedBio and about SwedBio's, objectives, role and work. • Information about the SwedBio Collaborative Programme • Information about SwedBio's role as help-desk to Sida • Reports and material produced by SwedBio, including work plans and reports • Examples of other relevant reports produced from Sweden • Links to supported organisations and initiatives • Links to relevant e-mail newsletters etc produced in Sweden. 	<ul style="list-style-type: none"> • Sida staff • Present and presumptive partners in the Coll. Prog. • Swedish org. working with dev. coop. • International org. • The Swedish public at large, students 	* Add information on shorter-term collaborations
Partner Point (at Sida's homepage)	<ul style="list-style-type: none"> • Short presentation of SwedBio • Link to SwedBio homepage 	<ul style="list-style-type: none"> • Swedish org. working with dev. coop. • The Swedish public at large, students 	• Up-date
Sida's intranet	<ul style="list-style-type: none"> • Short presentation of SwedBio, including information about help-desk function. • Link to SwedBio homepage 	<ul style="list-style-type: none"> • Sida staff 	• Available
CBM home page	<ul style="list-style-type: none"> • Link to SwedBio home page 	<ul style="list-style-type: none"> • The Swedish public at large, students etc 	• Available
2. Printed material			
Information folder about SwedBio (Eng)	<ul style="list-style-type: none"> • Short presentation of rationale behind SwedBio, and SwedBio's objectives and role 	<ul style="list-style-type: none"> • International org. • Present and presumptive partners in the Coll. Prog. • Sida staff 	<ul style="list-style-type: none"> • Available • To be revised at least once 2007
Thematic Fact Sheets (English)	<ul style="list-style-type: none"> • Short fact sheets on different topics: BD & poverty alleviation, BD & health, BD & vulnerability, BD & human rights, BD & climate change 	<ul style="list-style-type: none"> • Sida staff • Swedish org. working with dev. coop. • International org. 	• Develop 2-3 additional fact sheets
Reports (mainly in English)	<ul style="list-style-type: none"> • Reports from earlier work with biodiversity integration at Sida, • Reports from sector/programme case studies etc. • Report on lessons learned from the Collaborative programme • Report from SwedBio strategy workshop 2003 • Annual work plans, and reports 	<ul style="list-style-type: none"> • Sida staff • Present and presumptive partners in the Coll. Prog. • International org. • Swedish org. 	<ul style="list-style-type: none"> • On home-page * Many/most also printed
3. Audio-visuals			
Power-point presentations (Swe. and Eng.)	<ul style="list-style-type: none"> • General information about the importance of biodiversity to poverty alleviation - thematic focus depending on audience. • The objectives and work of SwedBio 	<ul style="list-style-type: none"> • Sida staff • International org. • Swedish org. working with dev. coop. 	• Revised for each occasion

Course contents

Identification and assessment of biodiversity

The Program aims to give an understanding of the components of biological diversity and give relevant tools for identification and assessment of biological diversity. Other issues covered are traditional versus scientific knowledge, economic, cultural, and intrinsic values, gender issues and bio prospecting.

Processes that generate, maintain, and threaten biodiversity

The Program deals with natural processes and human influence that affect biological diversity both in a short and long term perspective, e.g. impacts of land use and climate change as well as invasive species. Also included is the role of biological diversity for ecosystem functioning and services.

Access, benefit sharing and intellectual property rights

The program provides an understanding of links between the process of the Convention on Biological Diversity (CBD) and other important processes and instruments, e.g. The International Treaty on Plant Genetic Resources for Food and Agriculture under FAO. It will address international and national processes, rules and regulations and the art of negotiations. Access and benefit sharing, intellectual property rights and community rights as well as policy-development and law are issues that will be covered. This will be done from an international perspective with connection to national situations.

Conservation and sustainable use of biodiversity

The programme deals with different ways of managing and conserving biological diversity in a sustainable way, related to the CBD and other international agreements and treaties. There will be a focus on plant genetic resources within agriculture and forestry management, both on a large and small scale. Conflict resolution and multi stakeholder management is a key issue. The impact of globalisation will be studied and discussed from different perspectives.

Thesis work

During the second year the student will individually conduct a research project and present the results in a thesis (30 ECTS). The major part of the research will be done in the student's country of residence.

Scientific methods, Research design and Project evaluation

During the programme the students will design an individual master thesis project, including developing a project plan and project budget. They will also learn to use various research methods both within the natural and social sciences. They will train scientific writing by reading and reflecting over scientific literature/articles and writing their own scientific literature review. The students will also be trained in project evaluation and relate their thesis project to end user relevance as well as working with end user dissemination.