

2007 IABIN Annual Operational Plan

Prepared by the IABIN Thematic Networks and the Secretariat with Administrative input from GS/OAS

COMPONENT 1: Interoperability and Access to Data

Objective: Create the network infrastructure necessary for users to search, and access biodiversity data and information on a specific theme or area of interest

1.4. Ecosystem Thematic Network

Objective: Implement an electronic and institutional network dedicated to regional ecosystem information that supports the decision making process. Ultimately, tools developed by the Network should allow the user to consult specimen, species and ecosystems databases in an integrated manner (in coordination with other Thematic Networks)

Activity	Output	CRONOGRAM (monthly)												Responsible	Indicator	Budget				
		1	2	3	4	5	6	7	8	9	10	11	12			IABIN-GEF	Co-Financing	Total (in US\$)		
1.4.1 Coordinating Activities																				
(i) Create ETN Expert Committees for terrestrial, freshwater and marine ecosystems	Three Ecosystem Expert Committees (Terrestrial, Freshwater and Marine) established			X												CI-STRI, Consortium members	Three Ecosystem Expert Committees (Terrestrial, Freshwater and Marine) established	0.00	10,000.00	10,000.00
(ii) Develop a directory of Ecosystem Experts with searching capabilities in the Terrestrial, Freshwater and Marine realms in cooperation with the other Thematic Networks	Metadata developed for experts in terrestrial, freshwater and marine ecosystems														X	Consultant (Miguel Vazquez)	Metadata developed for experts in terrestrial, freshwater and marine ecosystems	1,000.00	2,000.00	3,000.00
(a) Develop a list of expert keywords to classify experts				X												CI-STRI		0.00	0.00	0.00
(b) Development of metadata for the expert database															X	CI-STRI		0.00	5,000.00	5,000.00
iii. Identify Lead Institution in every country through Focal Point														X		Consortium (NatureServe, TNC), Consultants (Miguel Vazquez, Eric van Praag)	(c) Lead institutions identified in 13 countries	2,000.00	5,000.00	7,000.00
(a) Through Lead Institutions identify data providers in every country and provide questionnaire														X		Consultants (Miguel Vazquez, Eric van Praag)	(d) Data providers identified in 80% of the 13 countries	1,000.00	0.00	1,000.00
(b) Summarize questionnaire information														X		CI-STRI, Consultant (Miguel Blanco)	(e) Existing data identified in 80% of 13 countries	1,000.00	3,000.00	4,000.00
(iv) Develop questionnaire for potential data providers		X														CI-STRI, Consultants (Miguel Vazquez, Miguel Blanco, Eric van Praag)	Questionnaire developed	1,000.00	2,000.00	3,000.00
(v) An Expert Workshop will be carried out to obtain recommendation from ecosystem experts on the Ecosystem Class Standard, the Ecosystem Classification Structure to be adopted and the Ecosystem Portal functionality	Standards for all ecosystem classes, ecosystem classification structures, and the ETN Portal's Design and functionality reviewed and adopted			X												CI-STRI (Steve Paton, Vince Abreu), Contractor (City of Knowledge)	Expert Workshop carried out in March, 2007	25,000.00	10,000.00	35,000.00
(vi) Development of the Standard Format and a Reference Classification	Standard format for terrestrial and marine ecosystem in the Americas reviewed and available to fill out in the ETN database													X		CI-STRI (Steve Paton, Vince Abreu), Consultant (NatureServe)	Standard Format and a Reference Classification developed	30,000.00	30,000.00	60,000.00

1.4.2. Network Infrastructure Development, Maintenance and Portal Functionality Development

<p>(i) Countries ecosystems databases will be made accessible through the Web by developing Web Map Service (WMS) at the institution that owns the data or a designated hosting institution. Each layer will be documented according to IABIN metadata standards and made available through the IABIN Catalog.</p>	<ul style="list-style-type: none"> • A list of national and regional institutions with ecosystem data (maps) and plans to make these data available through the web. • At least data from 8 countries available on the web 													X				<p>CI-STRI (CAF project), Consultants (Miguel Blanco, Eric van Praag)</p>	<ul style="list-style-type: none"> • A list of national and regional institutions with ecosystem data (maps) and plans to make these data available through the web. • At least data from 8 countries available on the web 	<p>6,000.00</p>	<p>30,000.00</p>	<p>36,000.00</p>
<p>(ii) Choose an Reference ecosystem classification system through extensive consultations/surveys with in-country experts. If possible, a classification system already developed will be adopted.</p> <p>(a) Choose Reference terrestrial, freshwater and marine ecosystem classification system</p>	<p>An Reference ecosystem classification system chosen and approved by the IEC</p>														X			<p>CI-STRI, Consortia (Expert Committee, NatureServe, USGS, TNC)</p>	<p>An Reference ecosystem classification system chosen and approved by the IEC</p>	<p>0.00</p>	<p>30,000.00</p>	<p>30,000.00</p>
<p>(iii) Create a geo-referenced record in a standard format (Ecosystem Class Standard- ECS) for each class within an ecosystem classification system</p>	<ul style="list-style-type: none"> • An Ecosystem Class Standard defined and approved by the IEC 														X			<p>This will be done by the countries with Grants from Component 2</p>	<ul style="list-style-type: none"> • An Ecosystem Class Standard defined and approved by the IEC 	<p>0.00</p>	<p>20,000.00</p>	<p>20,000.00</p>
	<p>The design of a searchable database of ECS records, that will allow automatic cross-walks to the Reference classification structure and will allow the user to do queries that involve the ecosystem database, as well as the other TN's standard databases</p>													X			<p>Consultant (Miguel Blanco)</p>	<p>A searchable database of ECS that will allow automatic cross-walks to the reference classification structure and will allow the user to do queries that involve the ecosystem database, as well as the other TN's standard databases</p>	<p>5,000.00</p>	<p>5,000.00</p>	<p>10,000.00</p>	
<p>(a) Identify national data that will be cross-walked into Reference Terrestrial system</p>																X	<p>CI-STRI, Consortia (NatureServe, TNC, Expert Committee)</p>	<p>National data that will be cross-walked into Reference Terrestrial system identified</p>	<p>0.00</p>	<p>10,000.00</p>	<p>10,000.00</p>	
<p>(b) Identify national data that will be cross-walked into Reference Freshwater system</p>																X	<p>Consultant (Miguel Blanco), Consortia (TNC), CI-STRI (Expert Committee)</p>	<p>National data that will be cross-walked into Reference Freshwater system identified</p>	<p>2,000.00</p>	<p>10,000.00</p>	<p>12,000.00</p>	
<p>(c) Define Data-Structured Standard Format for Terrestrial Ecosystems</p>															X		<p>Consultant (Miguel Blanco), Consortia (NatureServe), CI-STRI (Expert Committee)</p>	<p>Data-Structured Standard Format for Terrestrial Ecosystems defined</p>	<p>2,000.00</p>	<p>10,000.00</p>	<p>12,000.00</p>	
<p>(d) Define Data-Structured Standard Format for Freshwater Ecosystems</p>														X		<p>Consultant (Miguel Blanco), CI-STRI (TNC), Consortia (Expert Committee,)</p>	<p>Data-Structured Standard Format for Freshwater Ecosystems defined</p>	<p>0.00</p>	<p>10,000.00</p>	<p>10,000.00</p>		

1.4.3 Reference Terrestrial Ecosystem Database

<p>(i) A Ecosystem Thematic Network Portal, accessible from the IABIN Home Page in three languages (Spanish, English and Portuguese) will be developed to provide</p>	<p>Version 1 of the ETN Portal</p>														X						
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(a) Access to the IABIN Catalog, Ecosystem Expert lists (terrestrial, freshwater, and marine), National & Regional Ecosystem DB, an Ecosystem Data Structure Standard db, an Reference Terrestrial Ecosystem DB, and dbs which are part of the other TNs (SS, I3N, PA & P) (b) Links to other high quality ecosystem databases and maps, information systems and products available through the web	Version 2 of the ETN Portal																	X	CI-STRI, Consultant (Miguel Blanco)	Version 1 and Version 2 of the ETN Portal functioning	5,000.00	5,000.00	10,000.00
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1.4.4. Administration

(i) Coordinate translation of documents generated by ETN	Ensure effective communications in the network	X	X	X	X	X	X	X	X	X	X	X	X	X						Contractor (Richard Jones)	Number of ETN generated documents translated and made available to ETN and IABIN members	2,000.00	0.00	2,000.00
(ii) ETN Coordination of the Ecosystem Thematic Network	Develop • Sustainability Plan, • ToR for consultants to be hired • implementation Plan for Year 2 • establish Terrestrial, Freshwater and Marine Ecosystem Expert Committees • assist IABIN Secretariat to choose the countries that will provide the National databases to be included in version 1 ETN and will receive Grants under the GEF Component 2 • organize and convene Expert Committee Meeting	X	X	X	X	X	X	X	X	X	X	X	X	X						Consultant (Vince Abreu)	Sustainability Plan and Implementation Plan for Year 2 completed • Terrestrial, Freshwater and Marine Ecosystem Expert Committees created • National databases selected included in the ETN v.1 • Expert Committee Meeting delivered	38,000.00	12,000.00	50,000.00
	Design and implement an indicator evaluation system	X																		CI-STRI (Steve Paton)				
Sub-Total																						121,000.00	209,000.00	330,000.00