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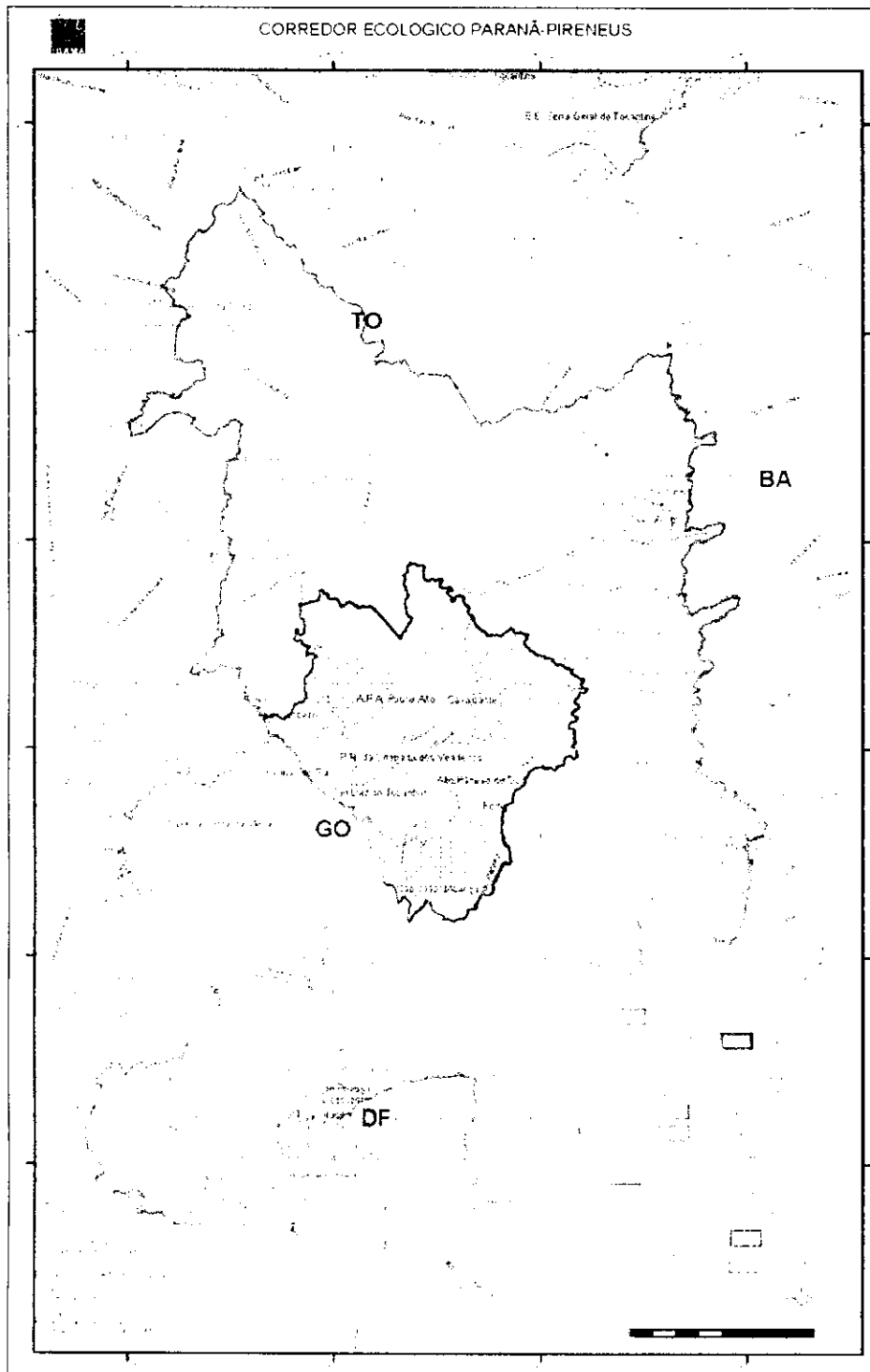


Figure-1. Location of the Project Area

Figure-2. Organization chart of IBAMA from 2003 to jan.2006, with all changes in the staff of IBAMA directly concerned by execution to the Project

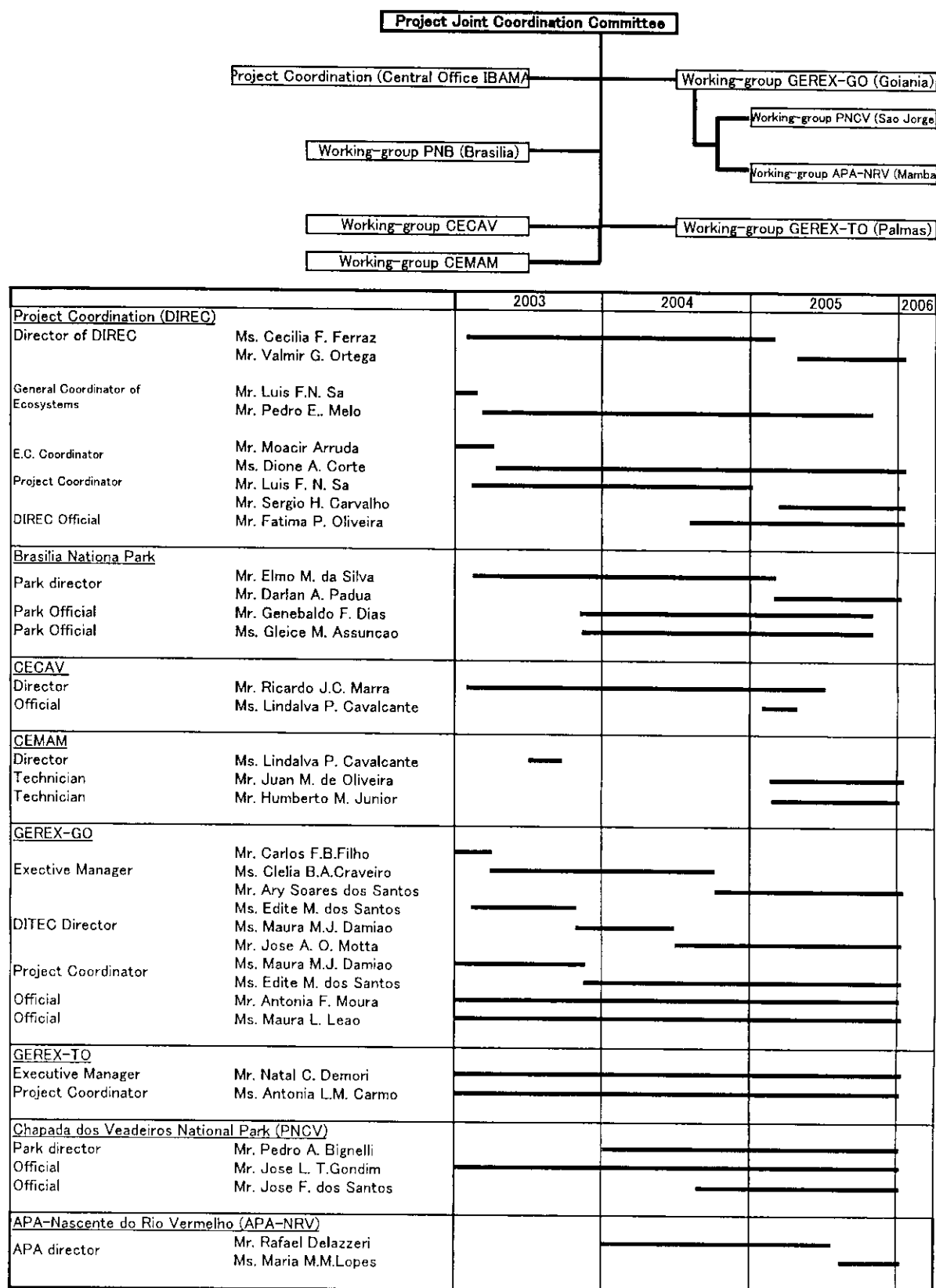


Table-1. Achievements of the Project Outputs and activities

Level of Accomplishment

Level of PDM	Indicators in PDM	Survey Questions	Data/Info necessary	Means of verification	Accomplishments
2003					
	1: Meetings/ Seminars/ Workshops which develop the methodology of integrated ecosystem management for ecological corridor of Brazil as a whole will be held annually.	•Are Meetings/ Seminars/ Workshops held annually?	•Project kick Off Seminar held in Hotel Eron on 23 Sep. •Internal Seminar and Workshop held in IBAMA on 12 and 13 June.	Summary of the meeting and reports	•Project kick Off Seminar (about 110 participants consisted of public and private organization, NGOs, students) •Internal Seminar (acumulated participants 68)
	2: Service statements formalizing the Joint Coordinating Committee for the Corridor will be issued.	•Internal regiment was prepared?	Extraordinary meeting of the Joint Coordination Committee held in 22 Oct.	Internal regiment approved in the committee	•Internal regiment approved in the 2nd Meeting of Coordinating Committee
	3: The Coordinating Committee for the Corridor as a whole will meet at least once a year.	•Record of the coordination committee	First Meeting of the Joint Coordination Committee/ 23rd of September (Brasília-DF)	Summary of the meeting	9 members, 5 observers (ABC, IBAMA, JICA, Embassy of Japan)
			Extraordinary Meeting of the Joint Coordinating Committee Meeting held on 22 Oct (Brasília-DF).	Summary of the meeting	9 members, 5 observers (ABC, IBAMA, JICA)
			Third Meeting of the Coordinating Committee/ 28th of April (Brasília-DF)	Summary of the meeting	10 participants
			Fourth Meeting of the Coordinating Committee/ 23rd of May/ Brasília-DF	Summary of the meeting	12 participants
			Fifth Meeting of the Coordinating Committee/ 20th of August/ Brasília-DF	Summary of the meeting	9 participants
			Sixth Meeting of the Coordinating Committee/ 14 of October/ Brasília-DF	Summary of the meeting	8 participants

Output1	1. Coordination among the relevant organizations and the local communities is improved in the Corridor as a whole, as well as in the Pilot Areas.			Thirteenth Meeting of DITEC GO's Technical Team in the CECPP Project/ 17th of Oct (Goiânia-GO)	Summary of the meeting	6 participants
				Fourteenth Meeting of DITEC GO's Technical Team in the CECPP Project/23rd of Oct (Goiânia-GO)	Summary of the meeting	8 participants
				Sixth Meeting of IBAMA-GO's Work Group in the CECPP Project/ 26th of May (Goiânia-GO)	Summary of the meeting	8 participants
		4: Seminars/ workshops will be held annually in the Corridor as a whole.	•Are Meetings/ Seminars/ Workshops held annually?	Kick-off seminar(above mentioned)	Summary of the meeting	
				I Regional Seminar of Implementation of the Project CECPP		
		5:Seminars/ workshops will be held annually in each State.	•Number of workshops/seminars?			
		6:Existing protected area councils in the Pilot Areas will meet at least once a year.	•Number of park council meetings?			
		7a: Seminars / workshops will be held at least once a year in the Pilot Areas. 7b: At least 1% of inhabitants (about 1,000 persons) in the Pilot Areas will participate in project activities until the end of the project period.	•Workshops/seminars and the participation of the local people?	1stProject introduction seminar held at Mambai on Sep.	Final Report	60 participants consisted of public and private organizations from 9 municipalities in APA-NRV Pilot Area.
		8:Establish section which promotes integration among relevant activities in the Pilot Areas.	•The activity in PNCV Pilot Area	Discussion with focus group in Alto Paraiso Area and planning of training program with local NGOs.	Discussion papers	Contact with 10 focal persons of local NGO and PNCV official.

	1: Meetings/Seminars/ workshops which develop the methodology of integrated ecosystem management for ecological corridor of Brazil as a whole will be held annually.	Number of meetings/seminars/workshop s on integrated ecosystem management	Integrated Managment Promotion Seminar/ 30 of June/ Goiânia-GO	Final Report	74 participants and 28 organizations (State government, WWF, CI, FUNATURA and other local NGOs, private organization, local community representants, students etc)
			II Seminar on Ecological Corridors/ 15 to 16 of September/ Brasília-DF	Summary of the meeting, presentation papers	Average about 200 participants/day from Brazil, Argentina, Bolivia, Costa Rica and Inglad related with ecological corridor projects.
			Workshop on the methodology applied to Ecological Corridors/ 17 of September (Brasília-DF)	Final report and CD	62 participants and 27 organizations
		Ecological Corridor Project Technical guideline being prepared by MMA.	Contact and exchange ideas with the consultant elaborating the guideline in the workshop held in II National Seminar on Ecological Corridor on Sep. 23.	Discussion paper	Project's findings reflected in the discussion of the workshop in which 50 person participated.
			CECPP's Work Group meeting/ 9 of August (Brasília-DF)	Final Report	13 participants from DIREC/IBAMA, GERAX-GO, GERAX-TO, PNCV and APANVR (IBAMA)
			2nd Meeting of CECPP's Joint Coordinating Committee held on Feb. 13.in IBAMA	Minutes of the meeting	7 members, 18 observers (ABC, MMA, DF., UnB, JICA)

Output 1

1.
Coordination among the relevant organizations and the local communities is improved in the Corridor as a whole, as well as in the Pilot Areas.

2: Service statements formalizing the Coordinating Committee for the Corridor will be issued.	Number of the project coordinating meeting	3rd meeting of Joint Coordinating Committee held in IBAMA on Sep. 22.	Minutes of the meeting and the Japanese mid-evaluation mission	7 members, 20 observers (ABC, MMA, IBAMA, DF, JICA, Embassy of Japan)
		PNCV, CECPP and PPEA Meeting/ 8th of June	Final Report	40 participants
		2004 First DITEC-GO's Technical Team Meeting for the Cerrado Ecosystems Conservation Project/ January 21st/Goiânia-GO	Summary of the meeting	4 participants
		Fifteenth Meeting of DITEC-GO's technical Team for the Cerrado Ecosystems Conservation Project/ January 21st/Goiânia-GO	Summary of the meeting	4 participants
		Sixteenth Meeting of DITEC-GO's technical Team for the Cerrado Ecosystems Conservation Project/ 29th of March/ Goiânia - GO	Summary of the meeting	6 participants
4: Seminars/ workshops will be held annually in the Corridor as a whole.	Number of workshops/seminars	II Seminar on Ecological Corridors/ 15 to 16 of September/ Brasília-DF	Summary of the meeting, presentation papers	Average about 200 participants/day from Brazil, Argentina, Bolivia, Costa Rica and England related with ecological corridor projects.
		Workshop on the methodology applied to Ecological Corridors/ 17 of September (Brasília-DF)	Final report and CD	62 participants and 27 organizations
		The Importance of RPPNs for the Cerrado conservation/ 2 to 3 of December (Cavalcante-GO)	Final Report (on the webpage)	60 participants and 10 organizations/institutions

	6. Existing protected area councils in the Pilot Areas will meet at least once a year.	Number of the council meeting	Conselho-ParqueNCV meeting/8th of May/PNCV	Minutes of the meeting	
			Conselho-ParqueNCV meeting/27th of Sep./PNCV	Minutes of the meeting	
	7:Seminars/workshops will be held at least once a year in the Pilot Areas. At least 1 % of inhabitantss (about 1.000 persons) in the Pilot Areas will participate in project activities until the end of the project period.	Number of seminars/workshops/training course	Basic Course on Formation of Local Ecotourism Guides/ 18 to 30 of June/ Cavalcante GO	Text Book, Final report and CD	27 participants
	8:Establish a section which promotes integration among existing relevant activities in the Pilot Areas.	•The activity of CIAA	Conselho-CIAA Meeting/29th of Sep./PNCV	Minute of the meeting	
			Conselho-CIAA Meeting/6th of Oct./PNCV	Minutes of the meeting	
			Conselho-CIAA Meeting/5th of Nov./PNCV	Minutes of the meeting	
			Conselho-CIAA Meeting/8th of Dec./PNCV	Minutes of the meeting	

2005

	1: Meetings/Seminars/workshops which develop the methodology of integrated ecosystem management for ecological corridor of Brazil as a whole will be held annually.	Number of meetings/seminars/workshops on integrated ecosystem management	•II Technical Meeting of Biodiversity Corridor in Macapa on June 13. •Technical meeting with consultant preparing technical guideline for Ecological Corridor by MMA/June 16/Belem	Final report and discussion papers	•30 participants from public organization and NGOs related with corridor projects. •4 participants (technician)
			Ecological corridor workshop held in Brasilia on Oct.17.	Discussion paper	30 participants related with ecological corridor projects in Amazonia and Cerrado Biome.

Output 1

1.
Coordination among the relevant organizations and the local communities is improved in the Corridor as a whole, as well as in the Pilot Areas.

2: Service statements formalizing the Coordinating Committee for the Corridor will be issued.	•Internal regiment •technical guideline	Discussion with researchers of the Emilio Goelge Museum, consultant contracted with MMA.	Discussion paper	4 participants.
3: The Coordinating Committee for the Corridor as a whole will meet at least once a year.	•Record of the coordination comitee	4th meeting of the Joint Coordinationg Committee held in IBAMA on April 27.	Minutes of the meeting	8 members, 14 observers (ABC, MMA, JICA, IBAMA, Embassy of Japan)
4: Seminars/ workshops will be held annually in the Corridor as a whole.	Number of seminars/workshops	Final Seminar being holding in Brasilia on Dec. 6, 7 and 8.	Final report	The number of forecast participants: about 200-300
5: Seminars/workshops will be held annually in each State.	Number of seminars/workshops	Integrated management seminar of ecological corridors in Tocantins State held in Palmas between 16 and 18 August.	Final report	95 participants consisted of public organization, NGOs, universities, private sectors.
		II Seminar to promote integration among relevant organizations held in Goiania on Oct. 20.	Final report	125 participants consitsted of about 30 public and private institutions.
6: Existing protected areas councils in the Pilot Areas will meet at least once a year.	Number of the meeting	Conselho-Parque NCV meeting/Aug.18/PNCV	Minutes of the meeting	
		Conselho-Parque NCV meeting/Nov. 5 /PNCV	Minutes of the meeting	
7a: Seminars/workshops will be held at least once a year in the Pilot Areas. 7b: At least 1 % of inhabitants (about 1,000 persons) in the Pilot Areas will participate in projects activities until the end of the project period.	Number of seminars/workshops	Multiple use of water resource of the Alto Tocantins Watershed and the Environmental Impacts on the Serra da Mesa Reservoir realized in Alto Paraiso on 14 and 15 April.	Final report	256 participants and over 20 organizations and institutions, including WWF, SAMA, Funatura etc.

				IV Encontro dos Povos da Chapada dos Veadeiros held in Alto Paraíso between 6 and 8 May.	T-shirt, pamphlet, activities report.	40 participants in CIAA Meeting. 80 attendants in the special session, accumulated participants of about 2,000 persons.
	8: Establish a section which promotes integration among existing relevant activities in the Pilot Areas	Activities in CIAA etc.	Consultancy – Development of CIAA's Actions–Center of Integrated Environmental Activities/ from 10 of June to 10 of Aug; from 11 of Aug to 11 of Sept (Alto Paraíso–GO)	Final reports		
COMPARQUE Meeting together with the Meeting of the CIAA's Counselors/ 14 to 15 of April/ Alto Paraíso–GO			Final reports			
Conselho–CIAA meeting/ April, 18/PNCV			Minutes of the meeting			
Conselho–CIAA meeting/ May, 6 /PNCV			Minutes of the meeting			
Conselho–CIAA meeting/ July, 4 / PNCV			Minutes of the meeting			
Conselho–CIAA meeting/ July, 22/ Cavalcante			Minutes of the meeting			
Conselho–CIAA meeting/ Oct., 5 / PNCV			Minutes of the meeting			
CIAA radio Campaign (Paraíso Community Radio)/ From 22nd of January to 22nd of February (Alto Paraíso–GO)			CDs and a Digital Final Report			
			I Alto Paraíso Film Festival/ from 19 to 23 of July/ Alto Paraíso–GO	Final report	13 organizations such as the Embassy of Argentina and WWF	

Table-1. Achievements of the Project Outputs and activities

Level of Accomplishment

Level of PDM	Indicators in PDM	Survey Questions	Data/Info necessary	Means of verification	Accomplishments	Evaluation comments	Evaluation grade	Assumptions
2003								
Output2	2. Orientation contributing to sustainable natural resource management is made clear to the relevant organizations in the Corridor as a whole.	1: Necessary information and data will be collected and organized.	How did you get necessary information ?	Meeting with the IBGE's Technical Team on the possibility of making a social-economical survey/ 17th of July (Goiania-GO)	Summary of the Meeting	8 participants	Good relation between Japanese experts and C/P.	A
		2: Reports of the results of analysis will be made.	How did you collect existing data ?	Consignment contract (Conservation International)	Vegetation map	CEGPP Vegetation Map	It's better to compare with rainy season satellite images.	B
		3: Diagnostic maps of the Corridor as a whole, as well as of the Pilot Areas will be prepared.	What kind of new data did you collect ?	Satellite image data (Landsat ETM+)	Satellite image map	CEGPP Satellite image Map	We could not find cloud free rainy season satellite images.	B
		4: Technical recommendations will be prepared.	How did you recommend ?	Internal seminar	Distribution documents	Working paper	Brisk exchange and meaningful recommendations.	A
2004								
Output2	2. Orientation contributing to sustainable natural resource management is made clear to the relevant organizations in the Corridor as a whole.	1: Necessary information and data will be collected and organized.	How did you get necessary information ?	Seminar on the Discussions of methods of identification of priority conservation areas and the definition of conservation strategies for the Cerrado/ 12 to 14 of July/ Brasilia-DF	Final report	45 participants and 16 organizations	Good relation between Japanese experts and C/P.	A
		2: Reports of the results of analysis will be made.	How did you made ?	•Purchased of Desktop PC •Purchased of GIS software •Purchased of Satellite image analysis software •Purchased of IKONOS image	Purchased licenses	•Adopted of Desktop PC •Adopted of GIS software •Adopted of Satellite image analysis software •Adopted of IKONOS image	It is good enough that for the actual condition and management systems.	A
		3:Diagnostic maps of the Corridor as a whole, as well as of the Pilot Areas will be prepared.	What kind of maps did you made ?	•Atlas CEGPP •Socioeconomic condition Map for CEGPP •Value Map for Pilot area I	Thematic Maps	Value Map	It's promote more effective use of ecological management	A
		4: Technical recommendations will be prepared.	How did you recommend ?	Presentation documents	Distribution documents	Working paper	Brisk exchange and meaningful recommendations.	A
2005								
Output2	2. Orientation contributing to sustainable natural resource management is made clear to the relevant organizations in the Corridor as a whole.	1: Necessary information and data will be collected and organized.	How did you get necessary information ?	Working sseminar on methods of indicative Map for CEGPP 1st of September/ Brasilia-DF	Summary of the Meeting	Working paper	Good relation between Japanese experts and C/P.	B
		2: Reports of the results of analysis will be made.	How did you made ?	•Local Working Group (MAPncv) •General Working Group (Pilot Area I) •Independent Project (Consignment contract)	Final report	Final report	It's promote more effective use of ecological management	A
		3: Diagnostic maps of the Corridor as a whole, as well as of the Pilot Areas will be prepared.	What kind of maps did you made ?	•MAPncv Phase 1 •MAPncv Phase 2 •MAPncv Phase 3 •MAPncv Phase 4 •Indicative Maps •Thematic Maps	Indicative Maps Thematic Maps	Indicative Maps Thematic Maps	It's promote more effective use of ecological management	A
		4: Technical recommendations will be prepared.	How did you recommend ?	Presentation documents	Distribution documents	Working paper	Brisk exchange and meaningful recommendations.	A

Table-1. Achievements of the Project Outputs and Activities

Level of Accomplishment

Level of PDM	Indicators in PDM	Survey Questions	Data/Info necessary	Means of verification	Accomplishments	Evaluation comments
2003						
Output3	3. Capacity of relevant organizations for implementing environmental education / social awareness programs is developed.	1: Necessary information and data will be collected and organized.	How were the data and necessary information collected?	Consultancy: References on Environmental Education in the Chapada dos veadeiros region PPA (Pluri-annual Plan) for Social Assistance-2003 to 2005 (Cavalcante-GO)	Final Report PPA (Pluri-annual Plan) for Social Assistance-2003 to 2005 (Cavalcante-GO)	
		2: Plans for environmental education / social awareness programs will be prepared (Number of participants and organizations will be defined)	Were there any courses or programs for environmental and social awareness?	Environmental Education and Sustainable Practices Workshop/ 29 set to 30-oct/ Taguatinga-TO	Text Book and Final Report	29 participants
				Environmental Education and Sustainable Practices Workshop/December/ Ponte Alta do Tocantins, São Félix do Tocantins, Rio da Conceição (TO)	Text Book and Final Report	148 participants (local community and community leaders)
				Environmental Education and Sustainable Practices Workshop/13 to 17-Oct/ Parana-TO	Text Book and Final Report	34 participants
		3:At least two (2) types of programs and materials will be prepared.	How many types of programs and materials were prepared?			
		4: At least two (2) types of programs will be implemented.				
				Questionnaires given to 21 elementary and middle school students on the following topics: - environmental problems; - social problems;		21 elementary and middle schools from 6 municipalities within the CECPP Project

		3: Guidelines for environmental education / social awareness programs will be prepared.	What guidelines were prepared?	Questionnaire: - suggested solutions: - what kind of project/program the student would get involved in to try to solve the problems; - if the students know of any institution/organization in their hometown that work with Environmental Education	Final Report	area (Colinas do Sul, Cavalcante, Nova Roma, Teresina, São João D'Aliação e Alto Paraíso (a region known as the "misery belt" of the State of Goiás)	
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2004

		1: Necessary information and data will be collected and organized.	How were the data and necessary information collected?	Technical report "Analysis of the Native Vegetation Cover along the Paranã-Pirineus Ecological Corridor"	Final Report	data base information	
				Pro-Environmental Education Kit Seminar	Final report	28 participants	
				Environmental education Kit Work Group Meeting/ 30 of November (Brasília-DF)	NONE	19 participants + 8 organizations	
				technical Field Trip to Japonvar-MG/ 15 to 19 of November	Final report	8 participants	
		2: Plans for environmental education / social awareness programs will be prepared (Number of participants and organizations will be defined)	Were there any courses or programs for environmental and social awareness?	Course on Capacitating Teachers for Formal Environmental Education/ 16 to 20 of Aug/ Posse and Iaciara-GO	Final report, a text book and a CD	26 participants (16 from Posse and 10 from Iaciara)	
				Course on Capacitating Teachers for Formal Environmental Education/ 23 to 26 of Nov/ Mambai - GO	Final report, a text book and a CD	23 participants (13 from Mambai, 5 from Diamanópolis and 5 from Sítio D'Abadia)	
	3. Capacity of						

Output3	relevant organizations for implementing environmental education / social awareness programs is developed.			III Course on Capacitating Teachers for Formal Environmental Education/ 07 to 10 of Dec/ Alvorada do Norte - GO	Final report, a text book and a CD	28 participants	
				Social-Environmental Planning Workshop/ 6 to 7 of July/ Arraias-TO	Final Report	45 participants	
				Social-Environmental Planning Workshop/ 8 to 9 of July/ Combinado-TO	Final Report	30 participants	
				Environmental education Program/ 31 of Jan to 15 of Feb/ São Jorge-GO	Final report	58 participants	
		3: At least two (2) types of programs and materials will be prepared.	How many types of programs and materials were prepared?	One Almanac (Almanac do Dinho), Two Text Books and CDs on Environmental Education, One text Book on Recycling, One CD and One text Book on Ecotourism Guides and One Enviromental Education Kit	Text Books, CDs, Almanac and Environmental Education Kit		
		4: At least two (2) types of programs will be implemented.					
		5: Guidelines for environmental education / social awareness programs will be prepared.	What kind of environmental education/awareness guidelines were created?	Course on Recycling for Local Tour Guides/ Second week of September/ Cavalcante-GO	Text Book		

2005

		1: Necessary information and data will be collected and organized.	How were the data and necessary information collected?				
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Output3	3. Capacity of relevant organizations for implementing environmental education / social awareness programs is developed.	2: Plans for environmental education / social awareness programs will be prepared (Number of participants and organizations will be defined)	Were there any courses or programs for environmental and social awareness?	Course to Capacitate the Community to Act as Tourist Guides in the region of the PNCV and its surrounding area/ from 29th of May to 12th of June (Colinas do Sul-GO)	Text book and Final Report	43 participants, one Foundation (Fund. Pró-Natureza), and representatives of Colinas do Sul City Hall	
				Second Youngsters Reunion on Environmental education/ 27 to 28 of August (cavalcante-GO)	Final report		
				Lecture on Biodiversity and technology to Make paper with natural fibers: the experience of Japan in the Amazon/ 27th of June (Brasília-DF)	Final report	33 participants from JICA, IBAMA, PNUD, Inst.Floresta Viva, UCB and University of Brasília	
				Workshop on Environmental Education of the Ecological Corridor Cerrado Parana-Pireneus realized in Mambai, Goiás State, between 12 and 17 of September.	Activities report	329 participants (5 coordinators and 324 children from 3 local elementary schools in Mambai Pilot Area.	
				Seminar on Speleologic Heritage in CECPP Area realized in Municipality of Mambai between 20 and 23 of September.	Activities report	78 participants (mainly, high school and university students)	
				Seminar on Speleologic Heritage in CECPP Area realized in Municipality of Damianopolis between 24 and 28 of September.	Activities report	80 participants (mainly local high school and university students)	
				Workshop on Environmental Education of the Ecological Corridor Cerrado Parana-Pireneus realized in Cavalcante, Goiás State, between 10 and 15 of October.	Activities report	141 participants (5 coordinators and 136 elementary school students)	

			Seminar on Speleologic Heritage in CECPP Area realized in Municipality of Posse between 17 and 22 of October.	Activities report	85 participants (3 local high school and 1 State university students)	
			Ceremony to introduce Environmental Education Kits held in IBAMA Headquarter on Nov.1	TV and Radio interview, newspaper	About 100 participants from IBAMA, NGOs, other public and private institutions	
			Workshop on Nature Game held in RPPN(Cavalcante) on Nov. 6.	Final report	20 participants (mainly elementary school teachers)	
			Environmental Education Joint Seminar (Nature Game) with Gunma-no-mori project	Final report	30 participants from IBAMA, JICA, other public institution related with EE activities.	
		3: At least two (2) types of programs and materials will be prepared.	How many types of programs and materials were prepared?			
		4: At least two (2) types of programs will be implemented.	How many types of programs were implemented?	CIAA radio Campaign (Paraíso Community Radio)/ From 22nd of January to 22nd of February (Alto Paraíso-GO)	CDs and a Digital Final Report	
		5: Guidelines for environmental education / social awareness programs will be prepared.	What kind of environmental education/awareness guidelines were created?	conhecendo Cerrado', tramp, CD-Rom, Manual for teachers, Sugoroku etc.		

TABLE 2. Principal land use in the Cerrado*

Land use	Area (ha)	Percent core area of the Cerrado
Native areas**	70.581.162	44,53
Planted pastures	65.874.145	41,56
Agriculture	17.984.719	11,35
Planted forests	116.760	0,07
Urban areas/bare soi	3.006.830	1,90
Others	930.304	0,59
TOTAL	158.493.921	

* Categories classified according to extent of land cover (Machado et al. 2004)

** Estimates without ground truthing and including native areas with varying protection.

TABLE 3. Number of species, percent endemism, and the proportion of estimated species richness in Brazil for vertebrates and plants.

	<i>No.of species</i>	<i>Endemic to the Cerrado (%)</i>	<i>Percentage of total species occurring in Brazil</i>
Plants	7.000	44	12
Mammals	199	9,5	37
Birds	837	3,4	49
Reptiles	180	17	50
Amphibians	150	28	20
Fishes	1.200	?	40

Sources: Fonseca et al. 1999; Fundação Pró-Natureza et.al. 1999ç Aguiar 2000; Colli et al. 2002ç Marinho-Filho et al. 2002; Oliveira & Marquis 2002; Aguiar et al. 2004.

TABLE 4. Protected areas in the major Brazilian biomes – strictly protected areas, protected areas of sustainable use, and indigenous reserves compared*

<i>Biome</i>	<i>Area (km²)</i>	<i>Strictly protected areas**</i>	<i>Sustainable use areas***</i>	<i>Indigenous lands</i>
Cerrado	2.116.000	2,2	1,9	4,1
Amazon Rainforest (includes ecotones)	4.239.000	5,7	7,7	17,7
Atlantic Forest	1.076.000	1,9	0,11	0,15
Pantanal	142.500	1,1	0	2,4
Caatinga	736.800	0,8	0,11	0,15
TOTAL (Brazil)	8.534.000	3,5	3,4	8,8

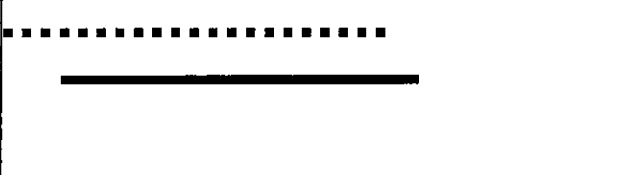



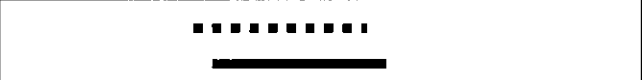



* Values are given as percentages of the original extent of the biome (Cavalcante & Joly, 2002; Rylands et al., 2005)

** Based on World Conservation Union (IUCN) categories I to III.

*** Federal and state protected areas.

Table-5. Implementation/achievement of project activities and outputs (2005)

Output	Activities	Month	1	2	3	4	5	6	7	8	9	10	11	12	2006	Achievements
			1	2	3	4	5	6	7	8	9	10	11	12	1	
1. Coordination among relevant organizations and local communities	1.1 Share the findings obtained by the Project activities with the persons in charge of ecological corridor plans at the national policy level	Planned Implemented	■	■	■	■	■	■	■	■	■	■	■	■		1) In the meetings realized in June 13 and 16, our findings announced to the persons in charge of Ecological Corridor Plan of MMA and a promise from technician in charge of preparing a EC technical guideline which our findings could be reflected.
	1.2 The Coordination Committee for the Corridor as whole will be functioned.				■	■									■	1) The 4th. Project Coordination Committee was held on April 27 which the activity plan at current year was approved and was reported the progress of the pending issue that the Japanese intermediate evaluation mission had indicated (about 30 participants, refer
	1.3 Seminars/workshops will be held in the Corridor as whole.													■		Lap-up seminar being held in Brasilia on December.
	1.4 The integration of existing related activities will be promoted at State level in the Corridor as whole								■	■			■			1) Integrated management seminar of ecological corridor in Tocantins State held in Palmas between 16 and 18 August (95 participants). 2) II seminar to promote integration between relevante organizations held in Golanis City on Oct. 20.
	1.5 Existing protected area councils in the Pilot Areas will be strengthened.		■	■	■	■	■	■	■	■	■	■	■	■		1) Contacts and opinions exchange with member groups to reorganize the park council (April 26, minutes).
	1.6 Seminars/workshops will be held in the Pilot Areas.				■	■	■									1) The seminars held every month in PNCV with the participants from IBAMA, 5 municipalities' officials, NGOs, local communities to discuss about and select mini-projects proposals applied by local groups. 2) A seminar to promote the integration of the policy for PNCV and APA Pouso Alto was held on 14 and 15 April in cooperation with local NGO (Eco-Data) at Alto Paraíso (about 150 participants, proposal and report etc.). 3) The IV Encontro dos Povos da Chapa dos Veadeiros was organized in cooperation with a related organizations held in Alto Paraíso City between 6 and 8 May.
	1.7 In the Pilot Areas level will be established a mechanism for the integrated ecosystem managements which utilize existing						■	■	■	■	■	■				1) The planning of a field survey on private lands around PNCV was discussed to fix APP again, and was prepared a rough draft to implement the plan (minutes of meeting, draft plan document).

2. Orientation contribution to sustainable natural resource management is made clear to the relevant organizations in the Corridor as a whole.	2.1 Necessary information and data for preparing diagnostic maps will be collected and organized.				1) A concept chart of a data base necessary for making diagnostic maps was elaborated, and specific information elements for it was arranged (digital data & a technical report). 2) The main part of the data base was designed based on the frame-work and its components of the above-mentioned (digital data & technical report). 3) A field survey was executed to make a more detailed grouping of the Cerrado vegetations in PNCV by the cooperation of Embrapa's engineers.
	2.2 Existing zoning maps and the related information will be analyzed and organized.				1) The ATLAS and the thematic maps of the entire corridor region and the pilot area (PNCV district) were elaborated. Moreover, social-economic information in the Corridor area was analyzed by an external consultant (digital file and reports).
	2.3 Diagnostic maps of the Corridor as a whole, as well as of the Pilot Areas will be prepared.				1) By consignment to the Embrapa's engineer a more detailed vegetation map in PNCV and a thematic map of social economic pressure of the surrounding area were prepared (digital map, report and documents).
	2.4 Technical recommendations will be prepared.				
3. Capacity of relevant organizations for implementing environmental education/social awareness programs is developed.	3.1 Necessary information's and data will be collected and organized.				
	3.2 Plans for environmental education/social awareness programs will be prepared.				1) n the meetings held every month in CIAA, PNCV, were revised proposals of mini-projects applied by local NGOs and groups, and were selected final 4 proposals to implement in this year (discussion papers and applied proposals).
	3.3 The programs and environmental education kits will be elaborated.				1) A external consigned company elaborated principal parts of the Environmental Education Kits under the supervision of the working group of the Project, based on the layout which has already been submitted.
	3.4 The programs for environmental education will be implemented.				1) Were reported the progress on Project activities in the CIAA meeting on 6 May (about 40 attendants) and in the special session (about 80 attendants) on 7 May of
	3.5 Technical documents for environmental education/ social awareness programs will be prepared.				1) Under the supervision of the working-group, the contracted company began to elaborate a set of materials for the Kits, and in final of this term presented its first product.

Annex-1. Chronological Record of Joint Coordination Committee Meetings and Project Coordination and Technical Working Groups.

Joint Coordination Committee Meeting	Date	No.Members	Main issues discussed	Observers(No.)
1st general meeting	2003.09.23	9(J3, B6)	Organize the committee, project administration mechanism, approve FY2003 action plan	ABC, IBAMA, Embaixada, JICA (5)
Extraordinary meeting	2003.10.22	9(J3, B6)	Discuss and approve "regimento" of the committee, approve action plan of the rest of FY2003	ABC, MMA, DF, UnB (5)
2nd general meeting	2004.02.13	7(J3, B4)	Report the progress of FY 2003 activities, approve action plan of FY 2004, approve a modified PDM.	ABC, MMA, JICA, IBAMA (18)
3rd general meeting	2004.09.22	7(J3, B4)	Report the progress of the activities, report and discuss the recommendation by the Japanese mid-evaluation mission.	ABC, MMA, DF, IBAMA, JICA (2)
4th general meeting	2005.04.27	8(J3, B5)	Report the progress of the activities, approve FY 2005 action plan, report the correspondence afterwards t the recommendation by the mission.	ABC, MMA, IBAMA, JICA, Embaixada (16)
Fifth (Final) general meeting (tentative)	2006.01	9?	Projecto evaluation M/M ?	

Project Coordination Meeting				
CGECO/D/REC	2003.04.09	7	Discuss the Joint Coordination Committee, decide how to proceed with the outputs and associated activities defined in the PDM.	
CGECO/D/REC	2003.04.13	4	Establish a secretariat of the project, nominate a IBAMA side project coordinator, internal seminar	
CGECO/D/REC	2003.04.28	10	Assessment of the current state of the Project, verification of the completion of tasks distributed in the last meeting and discussion on how to proceed with the planning stage of the Project.	
CSR	2003.05.23	12	Discuss T/R of socio-economic survey, internal seminar of the project, planning of provision of equipments in FY 2003, organize GIS working team	
DITEC	2003.05.26	8	Preliminary discussion on the project coordination meeting in May 29.	
CGECO/D/REC	2003.06.03	4	Establish Project Coordination Committee, internal seminar	
CGECO/D/REC	2003.08.20	9	Genal issues, work plan of DITEC team for Aug. and Sep., proposal for Seminars in Mambai and Goiania, kick-off seminar in Brasilia, socio-economic survey, joint coordination committee's meeting.	
JICA	2003.08.20	5	Exchange with Embrapa project's persons.	
CGECO/D/REC	2003.08.20	9	Plan the activities of the Project after the strike of IBAMA	
CGECO/D/REC	2003.10.14	8	Program for 2nd Joint Coordination Committee Meeting	
Hotel Kubitschek	2003.11.21	8	Report and discuss FY 2003's activities and FY 2004's activity plan, integration with the Project CMBBC, inclusion of	
CGECO/D/REC	2004.02.05	4	Working plan of DITEC in FY 2004, working plan of GEREX-TO in FY 2004, definition of the agenda of the next Joint Coordination Committee Meeting, visit to Costa Rica	
CGECO/D/REC	2004.04.27	6	Verify problems with CSR for installation of the IBAMA'S server, discuss on a contract with CI, program of Tocantins's seminar, preparation of National Seminar on Ecological Corridor etc.	
CGECO/D/REC	2004.05.27	8	Discuss and implement 5 items; product 3 of the Project, utilization of the project vehicle, II National Seminar on Ecological Corridor, IV Congresso de Unidades de Conservacao and the products by CI.	

CGECO/DI REC	2004.06.18	10	Discuss and report the progress of the national seminar on ecological corridor preparation.	
CGECO/DI REC	2004.06.28	6	Discuss on the preparation of the National Seminar.	
CGECO/DI REC	2004.07.02	6	Discuss the situation of the preparation of the II National Seminar on Ecological Corridor.	
CGECO/DI REC	2004.07.20	6	Discuss on the plan of the National Seminar.	
CGECO/DI REC	2005.01.11	7	Product 2, short-term experts, environmental education Kits, III national seminar idea and equipments confirmation.	
CGECO/DI REC	2005.04.27	5	Discuss on the 4th Joint Coordinating Committee Meeting	
CEMAM	2005.05.24	10	Final presentation by Ms. Murai, progress report from Mambai area an Tocantins.	
CGECO/DI REC	2005.06.09	3	Environmental education Kits etc.	
DIREC	2005.06.23	10	Project progress introduction to New Ecosystem Director and discussion on project management and activities.	

GEREX Working Group	DITEC	2003.05.12	5	Reference to a list of equipments for using in the project, presentation of the seminar's proposal.	
	DITEC	2003.05.19	6	Report the trip to Mambai, confirm the progress of each member's play decided at the last meeting.	
	DITEC	2003.05.26	6	Suggestions for improve the demarcation between CGECO/DIREC and DITEC/GO	
	DITEC	2003.05.29	6	Report the project activities.	
	DITEC	2003.06.16	6	Internal seminar in Brasilia, reception for short-term experts.	
	DITEC	2003.07.01	5	Team organization each thema of the project in DITEC, guideline for Prof. Nemoto's work.	
	DITEC	2003.07.03	9	Guideline for Seminars' coordination work, possible area of the project's action in Mambai area	
	DITEC	2003.07.11	6	Evaluate 4 proposals for environmental capacitation in APA-NRV Pilot Area.	
	SEMARNH	2003.07.14	5	Exchange ideas with Biosphere Reserve Committee	
	DITEC	2003.08.12	6	Revise activities plan in APA Nascentes Rio Vermelho Pilot Area, invitation to Mambai seminar, proposal for Goiania seminar, activity plan for PNCV Pilot	
	DITEC	2003.10.09	6	Programs for short-term experts' work, divulgation of the Project in Simposio Ambientalista do Cerrado, socio-economic survey, 2nd meeting of joint coordination committee.	
	DITEC	2003.10.17	6	2nd Joint coordination committee's meeting, Mr. Watanabe's work plan, information on Argentina's Green	
	DITEC	2003.10.23	8	Corridor, programs for seminars in Goiania and Alto Paraiso, definition of work plan for FY2004, report on Mambai's	
	DITEC	2003.11.05	5	Seminar in Alto Paraiso, strategy for the activities in FY2004, financialization of small projects for Pilot Areas in FY 2004, seminar in Goiania..	
	DITEC	2004.01.21	7	Discuss on activities of FY 2004, integration with CECAV.	
	DITEC	2004.04.01	6	Agenda of the April 7 meeting, program of the activities.	
	DITEC	2004.04.24	8	Discuss the inclusion of the EcoMuseu area as a pilot area of the Project, discuss responsibilities for the project's each activity.	

	DITEC	2004.05.20	4	Preparation of a preliminary trip to Mambai area.	
	DITEC	2004.05.24	3	Observation of the job by Prof. Sonia, discussion on a work schedule of Prof. Sonia.	
	DITEC	2004.05.31	7	Prepare a trip to Mambai Pilot Area's municipalities, prepare Project divulgation materials in the Congress Nacional do Cerrado.	

GIS Working Group Meeting

	DIREC	2004.03.29	6	Budget allocation to FY 2004, preliminary trip to re-editor training course, Goiania's seminar to promote the integration.	
	DIREC	2004.05.04	10	Evaluate the Conservation International Brazil CECPP satellite images, verify to which degree the CI TOR/proposal match the product.	
	CGECO/DI REC	2004.05.12	4	Discuss the Ecological-Economic Zooning Program(PZEE).	
	CGECO/DI REC	2004.05.25	7	Discuss with CI the methodological procedure of the product of the contract 'images and report'.	
	CGECO/DI REC	2004.06.24	8	Discuss and prepare a draft of a proposal for subproject of the Product 2.	
	CGECO/DI REC	2004.07.23	3	Discuss the proposal for Product 2	
	CGECO/DI REC	2004.08.09	13	Problems with the actual legislation, presentation of CIAEA project proposal, actual situation of the products proposal in PDM of the Project.	
	CGECO/DI REC	2005.03.17	4	Discuss with CEMAM person on Data Base	
	PNCV	2005.06.22	6		
	Embrapa/ Cerrado	2005.06.22	5		
	CGECO/DI REC	2005.08.12	6		
	CENTRE/I BAMA	2005.09.01	12	Technical seminar on product 2	
	CGECO/DI REC	2005.09.16	6	Discuss on the seminar's results.	
	CGECO/DI REC	2005.10.21	5		
	CNIA/IBA MA	2005.10.24	5		

Environmental Education Working Group (National Park Brasilia)	PNBrasilia	2004.05.27	6	Discuss on the progress of preparative activity for Pro-Kit Seminar.	
	CGECO/DI REC	2004.07.19	5	Discuss on the planning of Environmental Education Kits preparation.	
	CGECO/DI REC	2004.07.20	5	Progress of the Kit preparation	
	PNBrasilia	2004.08.01	4	Discuss on elaboration of EE Kits.	

PNCV Working Group

	PNCV	2004.05.08		Conselho-PNCV	
	PNCV	2004.05.20	7	Introduction of the Project, Integrated Ecosystems Management concept, strategy for Environmental Education of the Project.	
	Uniceb	2004.08.04	4	Trilha interpretative project.	
	CGECO/DI REC	2004.08.04	6	Presentation by NGO Berco das Aguas.	
	PNCV	2004.09.27		Conselho-PNCV, ata	
	PNCV	2004.09.29		Conselho-CIAA, ata	
	PNCV	2004.10.06		Conselho-CIAA	
	PNCV	2004.11.05	20	Conselho-CIAA, relatorio pelo Mauro	
	PNCV	2004.12.04		Conselho-CIAA, relatorio pelo Mauro	
	WWF(A.P.)	2004.12.23		Conselho-CIAA	
	PNCV	2005.02.14	4	Conselho-CIAA(2005 action plan, progress)	
	Cavalcante	2005.04.18		Conselho-PNCV	
	PNCV	2005.04.18		Conselho-CIAA, ata	
	PNCV	2005.05.06		Conselho-CIAA, ata	
	PNCV	2005.07.04		Conselho-CIAA, ata	

	WWF(A.P.)	2005.07.22	17	Conselho-CIAA, ata	
	PNCV	2005.10.05	14	Conselho-CIAA, ata	
	PNCV	2005.11.05		Conselho-PNCV, ata	

CECAV Working Group					
	CECAV	2004.05.12	4	Integration of CECV's activities to the Project.	
	CECAV	2005.04.12	8	FY 2005's activity plan	
	CECAV	2005.04.18	6	Elaboration of schematic maps	
	CECAV	2005.04.28	7	Discuss on Digital data of the caves with technician	

Annex-2. List of Activities and their products for Output-3

6 TIPOS DE ATIVIDADES	
Kit de Educação Ambiental	1
PPEA-CIAA	2
Educação Ambiental para Uso Sustentável do Cerrado	3
Curso de Re-editores (Atividades com Rede de Educação Formal)	4
Educação Ambiental Espeleologia com programa de Dinho	5
Concientização e Comunicação com Fazendeiros	6

1 Plano de Atividade de Kit (reformulado em Setembro de 2005)

	2004	2005 4-5	2005 6-7	2005 8-9	2005 10-11	2005 12
I Coletar Informação						
Seminário Pro-kit Elaboração do Matriz de Interesse sobre Kit	X					
Diagnóstico das áreas piloto	X					
II Planejar atividades para a educação ambiental						
Elaboração do Termo de Referência e Seleção do Conteúdo do Kit baseado no Matriz de Interesse sobre Kit	X					
Elaboração do plano reformulado de atividade relacionada ao Kit		X				
Grupo de Trabalhos - Elaboração e distribuição de Kit	X	X	X			
III Preparar programas e materiais para educação ambiental						
Contratação de consultoria para preparação dos materiais impressos	X	X	X	X		
Montagem dos produtos	X	X	X	X	X	
Grupo de Trabalho Regional Elaboração e Distribuição de Kit			X	X		
Entrega dos produtos revisados e avaliados para impressão					X	
Impressão do material - contratação de pessoa jurídica					X	
IV Implementar programas de educação ambiental						
Lançamento do Kit					X	
Oficinas de Divulgação do Kit					X	X
V Preparar documentos técnicos (e.g. relatórios, diretrizes)						
Elaboração de roteiro					X	X
Reunião e seminário de kit						X
Elaboração de documentos técnicos finais						X

1 Plano de atividade de Kit (reformulado em maio de 2005)

	2004	2005 4-5	2005 6-7	2005 8-9	2005 10-11	2005 12
I Coletar Informação						
Seminário Pro-kit Elaboração do Matriz de Interesse sobre Kit	X					
Diagnóstico das áreas piloto	X					
II Planejar atividades para a educação ambiental						
Elaboração do Termo de Referência e Seleção do Conteúdo do Kit baseado no Matriz de Interesse sobre Kit	X					
Elaboração do plano reformulado de atividades relacionadas ao Kit		X				
Grupo de Trabalhos Elaboração e distribuição de Kit	X	X				

III Preparar programas e materiais para educação ambiental						
Contratação de consultoria para preparação dos materiais impressos	X	X				
Montagem dos produtos	X	X				
Grupo de Trabalho regional Elaboração e distribuição de Kit			X			
Entrega dos produtos Revisados e avaliados para impressão			X			
Impressão do material – contratação de pessoa jurídica			X			
IV Implementar programas de educação ambiental						
Lançamento do Kit			X			
Oficinas de Divulgação do Kit			X			
V Preparar documentos técnicos (e.g. relatórios, diretrizes)						
Elaboração de roteiro			X			
Reunião e seminário de kit				X		
Elaboração de documentos técnicos finais					X	

2 Plano de atividade de CIAA PPEA

	2004	2005 4-5	2005 6-7	2005 8-9	2005 10-11	2005 12
I Coletar Informação						
PPEA Reunião e Conselho de CIAA	X	X	X			
Diagnóstico das áreas piloto	X					
Receber propostas de PPEA	X	X				
II Planejar atividades para educação ambiental						
Elaborar manual e diretriz para PPEA	X	X				
Analisar propostas e sugerir melhoramento das propostas	X	X	X			
Seleção de PPEA e aprovação de apoio de PPEA (conselho de CIAA)			X			
III Preparar programas e materiais para educação ambiental						
Receber propostas últimas PPEA	X		X	X		
Confeccionar materiais e apostilas PPEA	X			X	X	
IV Implementar programas de educação ambiental						
Implementação de PPEA	X	X	X	X	X	X
V Preparar documentos técnicos (e.g. relatórios, diretrizes)						
Elaboração de relatórios	X	X	X	X	X	X
Planejamento Atividade futuro pós-Jica					X	X

3 Plano de atividade de Programa de EA Desenvolvimento Sustentável

	2004	2005 4-5	2005 6-7	2005 8-9	2005 10-11	2005 12
I Coletar Informação						
Diagnóstico das áreas piloto	X					
II Planejar atividades para educação ambiental						
Proposta Programa com Equipe de CMBBC	X	X	X			
Proposta Programa com Equipe de GEREX-GO	X	X				
III Preparar programas e materiais para educação ambiental						
Preparação de Programas	X		X	X		
Confeccionar materiais e apostilas	X			X		
IV Implementar programas de educação ambiental						

Implementação de Programas	X			X	X	
V Preparar documentos técnicos (e.g. relatórios, diretrizes)						
Elaboração de relatórios	X			X	X	

4 Plano de atividade de Programa de Re-editores EA

	2004	2005 4-5	2005 6-7	2005 8-9	2005 10-11	2005 12
I Coletar Informação						
Diagnóstico das áreas piloto	X					
II Planejar atividades para educação ambiental						
Proposta Programa com Equipe de GEREX-GO	X	X	X			
III Preparar programas e materiais para educação ambiental						
Preparação de Programas para Curso de Capacitação	X		X	X		
Confeccionar materiais e apostilas para Curso de Capacitação	X					
Preparação de Seminário de Avaliação de Reeditores				X		
IV Implementar programas de educação ambiental						
Implementação dos Cursos de Capacitação	X					
Implementação de Seminário de Avaliação				X		
V Preparar documentos técnicos (e.g. relatórios, diretrizes)						
Elaboração de relatórios de Curso de Capacitação	X					
Elaboração de relatórios de Seminário de Avaliação					X	

5 Plano de atividade de Programa de E.A.CECAV

	2004	2005 4-5	2005 6-7	2005 8-9	2005 10-11	2005 12
I Coletar Informação						
Diagnóstico das áreas piloto	X					
II Planejar atividades para educação ambiental						
Proposta de Dinho e Atividades de EA do CECV e Gerex-Go	X	X		X		
III Preparar programas e materiais para educação ambiental						
Confecção de Almanaque Dinho	X					
Apostilas para seminários				X		
IV Implementar programas de educação ambiental						
Implementação de Curso de Dinho				X	X	
Implementação de Seminário Espeleologia				X	X	
V Preparar documentos técnicos (e.g. relatórios, diretrizes)						
Elaboração de relatórios				X	X	X

6 Plano de atividade de Integração de Fazendeiros na região de PNCV

	2004	2005 4-5	2005 6-7	2005 8-9	2005 10-11	2005 12
I Coletar Informação						
Diagnóstico das áreas piloto e MaPNCV-Prolegal Produto2	X	X				
II Planejar atividades para educação ambiental						
Proposta de Prolegal e MaPNCV	X	X				
III Preparar programas e materiais para educação ambiental						
Mapncv V		X	X	X		
IV Implementar programas de educação ambiental						

Encontro de Fazendeiros					X	
Coletar informações para Mapacv e prolegal			X	X	X	
V Preparar documentos técnicos (e.g. relatórios, diretrizes)						
Elaboração de relatórios			X	X	X	X

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RECORD OF DISCUSSIONS BETWEEN
JAPAN INTERNATIONAL COOPERATION AGENCY
AND AUTHORITIES CONCERNED OF
THE FEDERATIVE REPUBLIC OF BRAZIL
ON JAPANESE TECHNICAL COOPERATION
FOR THE CERRADO ECOLOGICAL CORRIDOR
CONSERVATION PROJECT

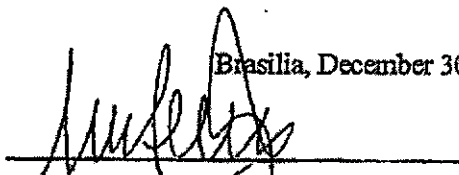
Japan International Cooperation Agency (hereinafter referred to as JICA) through Coordinator for Technical Cooperation of Japan in Brazil exchanged views and had a series of discussions with the Brazilian authorities concerned on desirable measures to be taken by both Japanese and Brazilian Governments for successful implementation of the Cerrado Ecological Corridor Conservation Project in the Federative Republic of Brazil (hereinafter referred to as "the Project").

As a result of the discussions, and in accordance with the provisions of the Agreement on Technical Cooperation between the Government of Japan and the Government of the Federative Republic of Brazil (hereinafter referred to as "the Agreement"), Coordinator for Technical Cooperation of Japan in Brazil and the Brazilian authorities concerned agreed to recommend to their respective governments the matters referred to in the document attached here to.

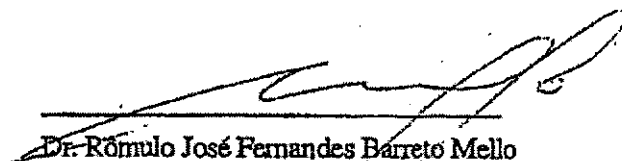


Mr. Hiroshi Matsutani
Coordinator for Technical Cooperation
of Japan in Brazil
Japan International Cooperation Agency
Japan

Brasilia, December 30, 2002



Amb. Marco Cesar Meira Naslauskys
Director
Brazilian Cooperation Agency
Federative Republic of Brazil



Dr. Rômulo José Fernandes Barreto Mello
President
Brazilian Institute of Environment and
Renewable Natural Resources
Federative Republic of Brazil

BR/NE

(FAX) NO. 024

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JICA

THE ATTACHED DOCUMENT

I. COOPERATION BETWEEN BOTH GOVERNMENTS

1. The Government of the Federative Republic of Brazil will implement the Project in cooperation with the Government of Japan.
2. The Project will be implemented in accordance with the Master Plan which is given in Annex I.

II. MEASURES TO BE TAKEN BY THE GOVERNMENT OF JAPAN

In accordance with the laws and regulations in force in Japan and the provisions of Article III of the Agreement, the Government of Japan will take, at its own expense, the following measures through JICA according to the normal procedures of its technical cooperation scheme.

1. DISPATCH OF JAPANESE EXPERTS

The Government of Japan will provide the services of the Japanese experts as listed in Annex II. The provision of Article IV- (1) of the Agreement will be applied to the above-mentioned experts and the experts will comply in accordance with Article IV-(1).

2. PROVISION OF MACHINERY AND EQUIPMENT

The Government of Japan will provide such machinery, equipment and other materials (hereinafter referred to as the Equipment) necessary for the implementation of the Project as listed in Annex III. The provision of Article IX- (1) of the Agreement will be applied to the Equipment.

3. TRAINING OF BRAZILIAN PERSONNEL IN JAPAN

The Government of Japan will receive the Brazilian personnel connected with the Project for technical training in Japan. The provision of Article III-(i) of the Agreement will be applied to the training.

III. MEASURES TO BE TAKEN BY THE GOVERNMENT OF THE FEDERATIVE REPUBLIC OF BRAZIL

1. In accordance with the laws and regulations in force in Brazil, the Government of the

Federative Republic of Brazil will take necessary measures to ensure that the self-reliant operation of the Project will be sustained during and after the period of Japanese technical cooperation, through full and active involvement in the Project by all related authorities, beneficiary groups and institutions.

2. In accordance with the provisions of Article IV of the Agreement, the Government of the Federative Republic of Brazil will ensure that the technologies and knowledge acquired by the Brazilian nationals as a result of the Japanese technical cooperation will contribute to the economic and social development of the Federative Republic of Brazil.
3. In accordance with the provisions of Article V, VI and VIII of the Agreement, the Government of the Federative Republic of Brazil will grant in the Federative Republic of Brazil privileges, exemptions and benefits to the Japanese experts referred to in II-1 above and their families.
4. In accordance with the provisions of Article IX of the Agreement, the Government of the Federative Republic of Brazil will take the measures necessary to receive and use the Equipment provided through JICA under II-2 above and equipment, machinery and materials carried in by the Japanese experts referred to in II-1 above.
5. The Government the Federative Republic of Brazil will take necessary measures to ensure that the knowledge and experience acquired by the Brazilian personnel from technical training in Japan will be utilized effectively in the implementation of the Project.
6. In accordance with the provision of Article V-(1)-(ii) of the Agreement, the Government of the Federative Republic of Brazil will provide the services of Brazilian counterpart personnel and administrative personnel as listed in Annex IV.
7. In accordance with the provision of Article V-(1)-(i) of the Agreement, the Government of the Federative Republic of Brazil will provide the buildings and facilities as listed in Annex V.
8. In accordance with the laws and regulations in force in the Federative Republic of Brazil, the Government of the Federative Republic of Brazil will take necessary measures to supply or replace at its own expense machinery, equipment, instruments, vehicles, tools, spare parts and any other materials necessary for the implementation of the Project other than the Equipment provided through JICA under II-2 above.

9. In accordance with the laws and regulations in force in the Federative Republic of Brazil, the Government of the Federative Republic of Brazil will take necessary measures to meet the running expenses necessary for the implementation of the Project.

IV. ADMINISTRATION OF THE PROJECT

1. The Director, Ecosystem Directorate (DIREC), IBAMA, as the Project Director, will bear overall responsibility for the administration and implementation of the Project.
2. The Ecosystem General Coordinator, Ecosystem General Coordination (CGECO), DIREC, IBAMA, as the Project Manager, will be responsible for the managerial and technical matters of the Project.
3. The Japanese Chief Advisor will provide necessary recommendations and advice to the Project Director and the Project Manager on any matters pertaining to the implementation of the Project.
4. The Japanese experts will give necessary technical guidance and advice to Brazilian counterpart personnel on technical matters pertaining to the implementation of the Project.
5. For the effective and successful implementation of technical cooperation for the Project, a Joint Coordinating Committee will be established whose functions and composition are described in Annex VI.

V. JOINT EVALUATION

Evaluation of the Project will be conducted jointly by the two governments through JICA and the Brazilian authorities concerned, during the last six months of the cooperation term in order to examine the level of achievement.

VI. CLAIMS AGAINST JAPANESE EXPERTS

In accordance with the provision of Article VII of the Agreement, the Government of the Federative Republic of Brazil undertakes to bear claims, if any arises, against the Japanese experts engaged in technical cooperation for the Project resulting from, occurring in the course

of, or otherwise connected with the discharge of their official functions in the Federative Republic of Brazil except for those arising from the willful misconduct or gross negligence of the Japanese experts.

VII. MUTUAL CONSULTATION

There will be mutual consultation between the two governments on any major issues arising from, or in connection with this Attached Document.

VIII. MEASURES TO PROMOTE UNDERSTANDING OF AND SUPPORT FOR THE PROJECT

For the purpose of promoting support for the Project among the people of the Federative Republic of Brazil, the Government of the Federative Republic of Brazil will take appropriate measures to make the Project widely known to the people of the Federative Republic of Brazil.

IX. TERM OF COOPERATION

The duration of the technical cooperation for the Project under this Attached Document will be three(3) years from February 1st, 2003 through to January 31st, 2006.

- ANNEX I MASTER PLAN
- ANNEX II LIST OF JAPANESE EXPERTS
- ANNEX III LIST OF MACHINERY AND EQUIPMENT
- ANNEX IV LIST OF BRAZILIAN COUNTERPART AND ADMINISTRATIVE PERSONNEL
- ANNEX V LIST OF BUILDINGS AND FACILITIES
- ANNEX VI JOINT COORDINATING COMMITTEE

ANNEX I MASTER PLAN**1 Overall Goal**

Integrated ecosystem management is promoted in Paran /Pirineus Ecological Corridor Area, contributing to the sustainable use of the natural resources.

2 Project Purpose

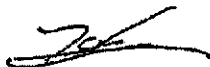
Integrated ecosystem management for Paran /Pirineus Ecological Corridor Area is improved through the activities for the Pilot Areas.

3 Outputs

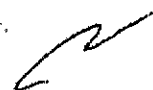

- (1) Coordination among the relevant organizations and the local communities for the integrated ecosystem management is improved at the levels of the Corridor as well as the Pilot Areas.
- (2) Information necessary for the integrated ecosystem management is organized at the level of the Corridor.
- (3) Orientation for the sustainable natural resource management in the Pilot Areas is made clear to the relevant organizations and the local communities with their participation.
- (4) Capacity on sustainable natural resource management is improved in the Pilot Areas.
- (5) Social awareness on conservation and sustainable development is raised in the Pilot Areas.
- (6) Information regarding the project activities is disseminated locally and nationally.

4 Activities

- (1)
 - 1.1) Understand the situation of the relevant organizations and the local communities in the concerned states and municipalities at the level of Corridor.
 - 1.2) Establish a network for information sharing among the relevant organizations and the local communities at the level of the Corridor.



- 1.3) Establish a network for information sharing among relevant organizations and the local communities at the level of the Pilot Area.
 - 1.4) Organize a management committee for the Corridor with participation of the relevant organizations.
 - 1.5) Organize a management committee for each Pilot Area with participation of the relevant organizations and the local communities.
- (2)
- 2.1) Determine a framework for information management (i.e., selection, collection, organization and dissemination of information).
 - 2.2) Collect the existing information necessary for integrated ecosystem management at the level of Corridor.
 - 2.3) Organize the information collected above.
- (3)
- 3.1) Analyze the existing zoning maps and/or information for each Pilot Area.
 - 3.2) Prepare diagnostic maps for the Pilot Areas based on the existing zoning maps and other relevant information in consultation with the relevant organizations and local communities.
 - 3.3) Prepare technical recommendations on sustainable natural resource management for each Pilot Area based on the diagnostic maps in consultation with the relevant organizations and local communities.
 - 3.4) Present technical recommendations to the relevant organizations and local communities.
 - 3.5) Prepare technical documents (e.g., reports, guidelines).
- (4)
- 4.1) Identify training needs (e.g., in the areas of Eco-tourism, Non Timber Forest Products management, animal breedings and fire control).
 - 4.2) Prepare the training programs and materials.
 - 4.3) Implement the training programs.
 - 4.4) Prepare technical documents (e.g., reports and guidelines).



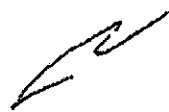
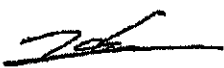
(5)

- 5.1) Plan activities for environmental education (e.g., seminars, study tours).
- 5.2) Prepare the environmental education programs and materials.
- 5.3) Implement the environmental education programs.
- 5.4) Prepare technical documents (e.g., reports, guidelines).

(6)

- 6.1) Publish the materials (e.g., guidelines) prepared through the project activities.
- 6.2) Organize seminars and/or workshops regarding the project activities.

*In case in which the Master Plan should be changed due to the situation of the Project, both Governments will agree to and confirm the changes by exchanging Minutes of Meeting.



ANNEXII LIST OF JAPANESE EXPERTS

1. Long-Term Experts

Two (2) full-time long-term experts in the fields described below, will be dispatched, serving exclusively for the Project.

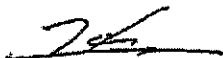
- Chief Advisor / Integrated Ecosystem Management
- Community-Based Natural Resource Management

2. Short-Term Experts

Short-term experts in the fields described below, may be dispatched depending on the needs as specified in the annual plan of the Project.

- e.g., Environmental Information Management / GIS
- e.g., Environmental Education

*A long-term expert may cover another technical field concurrently.




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ANNEX III LIST OF MACHINERY AND EQUIPMENT

1. Machinery, equipment, tools, materials and their spare parts necessary for the implementation of the activities described in the Master Plan . .
2. Vehicle(s) and their spare parts.
3. Office equipment and supplies.
4. Other machinery, equipment, tools, materials and their spare parts mutually agreed upon necessary.





**ANNEX IV LIST OF BRAZILIAN COUNTERPARTS AND
ADMINISTRATIVE PERSONNEL**

1. Project Director

The Director, Ecosystem Directorate (DIREC), IBAMA

2. Project Manager

The Ecosystem General Coordinator, Ecosystem General Coordination (CGECO), DIREC, IBAMA

3. Counterpart Personnel

From IBAMA Headquarters;

- 1) The Ecological Representativeness Coordinator, Ecological Representativeness Coordination, CGECO, DIREC, IBAMA
- 2) The technician, Ecological Representativeness Coordination, CGECO, DIREC, IBAMA

From relevant IBAMA State Offices;

- 3) The Technical Manager, IBAMA Goias Executive Office, IBAMA
- 4) The Technical Manager, IBAMA Tocantins Executive Office, IBAMA

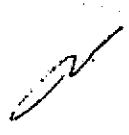
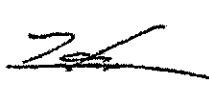
From relevant IBAMA offices;

- 5) The Manager, Chapada dos Veadeiros National Park, IBAMA
- 6) The Manager, Nascentes do Rio Vermelho Environmental Protection Area (APA), IBAMA

4. Administrative and Clerical Personnel

Administrative and clerical personnel, drivers and others to support the implementation of the Project.

And other personnel as mutually agreed upon.



ANNEX VI JOINT COODINATING COMMITTEE

1. Functions

The Joint Coordinating Committee shall;

- (1) discuss and decide overall strategies in the management and coordination of the Project,
- (2) review and endorse the annual plan of the Project,
- (3) monitor and evaluate the progress of the Project, and
- ... (4) make decisions relevant to the overall management of the Project.


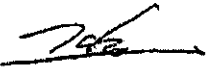
2. Compositions

The Joint Coordinating Committee shall be composed of;

- (1) Chairman: Director, Ecosystem Directorate (DIREC), IBAMA
- (2) Members:
 - 1) Ecosystem General Coordinator, Ecosystem General Coordination (CGECO), DIREC, IBAMA
 - 2) Ecological Representativeness Coordinator, Ecological Representativeness Coordination, CGECO, DIREC, IBAMA
 - 3) Executive Manager, IBAMA Goias Executive Office, IBAMA
 - 4) Executive Manager, IBAMA Tocantins Executive Office, IBAMA
 - 5) JICA Experts
 - 6) Coordinator for Technical Cooperation ^{of} from Japan in Brazil
 - 7) Others appointed by the Chairman
- (3) Observers:
 - 1) Official(s) of the Embassy of Japan in Brazil

3. The Secretariat of the Project

The Ecosystem General Coordination (CGECO), DIREC, IBAMA will act as the Secretariat of the Project. The Secretariat will coordinate matters pertaining to the Project administration.



別添 3 : プロジェクト・デザイン・マトリックス (PDM)

The Cerrado Ecological Corridor Conservation Project

Implementing Organization: Brazilian Environment Institute for Renewable Natural Resources (IBAMA)

Duration: 2/2003 1/2006

Project beneficiaries: Local people, local governments (states and municipalities), NGOs and other relevant organizations in the Paraná/Pirineus Ecological Corridor Area, in particular, the Pilot Areas.

Project locations: Paraná/Pirineus Ecological Corridor Area (the Chapada dos Veadeiros National Park area and the Nascentes do Rio Vermelho Environment Protected Area (APA) area are the Pilot Areas).

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal: Integrated ecosystem management is promoted in Paraná/Pirineus Ecological Corridor Area, contributing to the sustainable use of the natural resources.	1: Integrated ecosystem conservation approach/measures will be introduced in *(-) municipalities in the Corridor. 2: IBAMA presidential decree on establishment of the Corridor and the Management Committee will be issued.	- Report of IBAMA. - Report of INCRA. - Interviews to the municipalities.	- Policies and regulations concerning conservation will not have major change. - Counterpart personnel will continue working with IBAMA. - Project budget will continue to be allocated to IBAMA.
Project Purpose: Integrated ecosystem management for Paraná/Pirineus Ecological Corridor Area is improved through the activities for the Pilot Areas.	1: Integrated ecosystem conservation approach/measures will be introduced in *(-) municipalities in the Corridor. 2: *(-) joint conservation Projects will be implemented in the Corridor.	- Report of IBAMA. - Project report. - IBAMA agreements. - Report on network activities. - Report on management committee activities.	- Policies and regulations concerning conservation will not have major change. - Counterpart personnel will continue working with IBAMA. - Project budget will continue to be allocated to IBAMA.
Outputs: 1. Coordination among the relevant organizations and the local communities for the integrated ecosystem management is improved at the levels of the Corridor as well as the Pilot Areas. 2. Information necessary for the integrated ecosystem management is organized at the level of the Corridor. 3. Orientation for the sustainable natural resource management in the Pilot Areas is made clear to the relevant organizations and the local communities with their participation. 4. Capacity on sustainable natural resource management is improved in the Pilot Areas.	1a: Communication network at Corridor level as well as Pilot Area level will effectively work. 1b: Local communities and relevant organization will share common understandings of the state of natural environment. 1c: The Management Committee meetings at Corridor level as well as Pilot Area level will be held *(-) times annually. 1d: Service Order of the management committee at Corridor level as well as Pilot Area level will be issued by IBAMA, Goiás and Tocantins. 2a: Information management plan will be made. 2b: *(-) information will be aggregated. 2c: Reference room will be established and maintained. 3a: Diagnostic maps will be prepared. 3b: Technical recommendations will be prepared. 3c: Technical documents will be prepared. 4a: Plans of training program(s) will be prepared. 4b: *(-) training will be implemented annually. 4c: *(-) persons (specify, for example, *(-) guides, *(-) fire brigades, etc.) will be qualified by the program(s) annually. 4d: Technical documents will be prepared.	- Member lists of networks at Corridor level as well as Pilot Area level. - Minutes of network and management committee meetings. - Service Order of the management committee at Corridor level as well as Pilot Area level issued by IBAMA, Goiás and Tocantins. - Number of municipal programs participating in the Project framework. - Number of organizations participating in the Project. - Information management plan. - Record of information. - Number of requests for information provision. - Technical documents for diagnostic maps. - Reviews of technical recommendations. - Reviews of the training program(s). - Reports on training activities. - Technical documents. - Number of qualified staff. - Number of tourists using qualified staff.	- Counterpart staff will continue working with IBAMA. - Project budget will continue to be allocated to IBAMA.

5. Social awareness on conservation and sustainable development is raised in the Pilot Areas.	<p>5a: Plans of environmental education and social awareness program(s) will be prepared.</p> <p>5b: *(-) environmental education and social awareness program(s) will be implemented annually.</p> <p>5c: *(-) persons (e.g., *(-) students, *(-) teachers, *(-) settlers, *(-) visitors, etc.) will participate in the environmental education program(s) (e.g., seminar, training, study tour, etc.)</p> <p>5d: Technical documents will be prepared.</p> <p>5e: Environmental education and social awareness programs will be introduced in *(-) municipalities in the Pilot Areas.</p>	<ul style="list-style-type: none"> - Reviews of the environmental education and social awareness program(s). - Reports on the environmental education and social awareness activities. - Technical documents. - Number of illegal actions against natural conservation. 	
6. Information regarding the Project activities is disseminated locally and nationally.	<p>6a: *(-) guidelines (specify, for example, in the areas of environmental education, etc.) will be published.</p> <p>6b: *(-) copies of dissemination materials, including quarterly newsletters will be published</p> <p>6c: A planning workshop will be held in the first quarter of the first year.</p> <p>6d: An evaluation workshop will be held in the last quarter of the third year.</p> <p>6e: *(-) local seminar/workshop (one in a state capital and the other two in municipalities in the Pilot Areas) will be organized annually</p>	<ul style="list-style-type: none"> - Records on publication of dissemination materials. - Report on seminar/meetings. - Report on planning and evaluation workshops. - Reports on local workshops. 	
<p>4 Activities:</p> <p>1-1 Understand the situation of the relevant organizations and the local communities in the concerned states and municipalities at the level of Corridor.</p> <p>1-2 Establish a network for information sharing among the relevant organizations and the local communities at the level of the Corridor.</p>	<p>Inputs:</p> <p>1. Brazilian side</p> <p>(1) Counterpart personnel</p> <p>1) Project Director: Director, Ecosystem Directorate(DIREC)</p>	<p>2. Japanese side</p> <p>(1) Dispatch of long-term experts in the following fields:</p> <p>1) Integrated Ecosystem</p>	<ul style="list-style-type: none"> - Counterpart staff will continue working with IBAMA. - Project budget will continue to be allocated to IBAMA.

<p>1-3 Establish a network for information sharing among relevant organizations and the local communities at the level of the Pilot Area.</p> <p>1-4 Organize a management committee for the Corridor with participation of the relevant organizations.</p> <p>1-5 Organize a management committee for each Pilot Area with participation of the relevant organizations and the local communities.</p> <p>2-1 Determine a framework for information management (i.e., selection, collection, organization and dissemination of information).</p> <p>2-2 Collect the existing information necessary for integrated ecosystem management at the level of Corridor.</p> <p>2-3 Organize the information collected above.</p> <p>3-1 Analyze the existing zoning maps and/or information for each Pilot Area.</p> <p>3-2 Prepare diagnostic maps for the Pilot Areas based on the existing zoning maps and other relevant information in consultation with the relevant organizations and local communities.</p> <p>3-3 Prepare technical recommendations on sustainable natural resource management for each Pilot Area based on the diagnostic maps in consultation with the relevant organizations and local communities.</p> <p>3-4 Present technical recommendations to the relevant organizations and local communities.</p> <p>3-5 Prepare technical documents (e.g., reports, and guidelines).</p> <p>4-1 Identify training needs (e.g., in the areas of Eco-tourism, Non Timber Forest Products management, animal breeding, and fire control).</p> <p>4-2 Prepare the training programs and materials.</p> <p>4-3 Implement the training programs.</p> <p>4-4 Prepare technical documents (e.g., reports, and guidelines).</p> <p>5-1 Plan activities for environmental education (e.g., seminars, study tours).</p> <p>5-2 Prepare the environmental education programs and materials.</p> <p>5-3 Implement the environmental education programs.</p> <p>5-4 Prepare technical documents (e.g., reports, and guidelines).</p> <p>6-1 Publish the materials (e.g., guidelines) prepared through the Project activities.</p> <p>6-2 Organize seminars and/or workshops regarding the Project activities.</p>	<p>2) Project Manager: Ecosystem General Coordinator, Ecosystem General Coordination (CGECO), DIREC</p> <p>3) Other Project Personnel:</p> <p>a. Officers from the Headquarters</p> <ul style="list-style-type: none"> - Ecological Representativeness Coordinator, Ecological Representativeness Coordination, CGECO, DIREC - Technician, Ecological Representativeness Coordination, CGECO, DIREC <p>b. Officers from relevant state offices:</p> <ul style="list-style-type: none"> - Technical Manager, IBAMA Goias Executive Office - Technical Manager, IBAMA Tocantins Executive Office <p>c. Officers from relevant offices:</p> <ul style="list-style-type: none"> - Manager, Chapada dos Veadeiros National Park - Manager, Nascentes do Rio Vermelho Environmental Protection Area (APA) - Administrative and clerical personnel, drivers and others to support the implementation of the Project. <p>(2) Office space, facilities, equipment and materials for the Japanese experts and for Project activities</p> <p>(3) Administrative and operational costs</p>	<p>Management</p> <p>2) Community-Based Natural Resource Management</p> <p>(2) Short-term experts</p> <p>Short-term experts (approximately 2-3 persons per year), depending on the needs as specified in the annual plan.</p> <p>(3) Counterpart training in Japan and/or in the third countries</p> <p>(4) Machinery, equipment and materials</p>	<p>Preconditions:</p> <ul style="list-style-type: none"> - Counterpart personnel will be assigned. - Project budget will be allocated to IBAMA.
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* Specific numbers will be determined when the Project starts.














別添4：活動実施計画書（P0）

2002/9/5

*Ecosystem Directorate (DIREC), Golas Executive Office (GEO)

**Integrated Ecosystem management (IEM), Community-Based Natural Resource Management (CBNRM)

Outputs	Activities	1st Year				2nd Year				3rd Year				Staff In charge	Experts In charge
		1	2	3	4	1	2	3	4	1	2	3	4		
1 Coordination among the relevant organizations and the local communities for the integrated ecosystem management is improved at the levels of the Corridor as well as the Pilot Areas	1.1 Understand the situation of the relevant organizations and the local communities in the concerned states and municipalities at the level of Corridor	■												*DIREC GEO	**IEM CBNRM
	1.2 Establish a network for information sharing among the relevant organizations and the local communities at the level of the Corridor	■	■	■	■	■	■	■	■	■	■	■	■	DIREC GEO	IEM CBNRM
	1.3 Establish a network for information sharing among relevant organizations and the local communities at the level of the Pilot Area	■	■	■	■	■	■	■	■	■	■	■	■	GEO	CBNRM
	1.4 Organize a management committee for the Corridor with participation of the relevant organizations.		■	■	■	■	■	■	■	■	■	■	■	DIREC GEO	IEM CBNRM
	1.5 Organize a management committee for each Pilot Area with participation of the relevant organizations and the local communities		■	■	■	■	■	■	■	■	■	■	■	GEO	CBNRM
2 Information necessary for the integrated ecosystem management is organized at the level of the Corridor	2.1 Determine a framework for information management (i.e., selection, collection, organization and dissemination of information)	■												DIREC GEO	IEM CBNRM
	2.2 Collect the existing information necessary for integrated ecosystem management at the level of Corridor		■	■	■	■	■	■	■	■	■	■	■	DIREC GEO	IEM CBNRM
	2.3 Organize the information collected above.		■	■	■	■	■	■	■	■	■	■	■	DIREC GEO	IEM CBNRM
3 Orientation for the sustainable natural resource management in the Pilot Areas is	3.1 Analyze the existing zoning maps and/or information for each Pilot Area.	■	■	■										DIREC	IEM
	3.2 Prepare diagnostic maps for the Pilot Areas based on the existing zoning maps and other relevant information in consultation with the relevant		■	■	■	■	■	■	■					DIREC	IEM

	made clear to the relevant organizations and the local communities with their participation	3.3	Prepare technical recommendations on sustainable natural resource management for each Pilot Area based on the diagnostic maps in consultation with the		DIREC GEO	IEM CBNRM
		3.4	Present technical recommendations to the relevant organizations and local communities.		DIREC GEO	IEM CBNRM
		3.5	Prepare technical documents (e.g., reports, guidelines).		DIREC GEO	IEM CBNRM
4	Capacity on sustainable natural resource management is improved in the Pilot Areas	4.1	Identify training needs (e.g., in the areas of eco-tourism, Non Timber Forest Products management, animal breedings, fire control)		DIREC GEO	IEM CBNRM
		4.2	Prepare the training programs and materials.		GEO	CBNRM
		4.3	Implement the training programs.		GEO	CBNRM
		4.4	Prepare technical documents (e.g., reports, guidelines).		GEO	CBNRM
5	Social awareness on conservation and sustainable development is raised in the Pilot Areas	5.1	Plan activities for environmental education (e.g., seminars, study tours).		DIREC GEO	IEM CBNRM
		5.2	Prepare the environmental education programs and materials.		GEO	CBNRM
		5.3	Implement the environmental education programs.		GEO	CBNRM
		5.4	Prepare technical documents (e.g., reports, guidelines).		GEO	CBNRM
6	Information regarding the project activities is disseminated locally and	6.1	Publish the materials (e.g., guidelines) prepared through the project activities.		DIREC GEO	IEM CBNRM
		6.2	Organize seminars and/or workshops regarding the project activities.		DIREC GEO	IEM CBNRM

Annex-4. Revised PDM

プロジェクト・デザイン・マトリックス (PDM) セラード生態コリドー保全計画

実施期間: 2003 年 2 月 1 日～2006 年 1 月 31 日 *Duration:* 2/1/2003～1/31/2006

実施機関: ブラジル環境再生可能天然資源院 (IBAMA) *Executing Organization:* Brazilian Institute for the Environment and Renewable Natural Resources (IBAMA)

対象地域: パラナ・ピリネウス生態コリドー指定地帯 (パイロット・エリア 1: シャパダ・ドス・ベアデイロス国立公園周辺/アウト・パライーゾ、コリーナ・ド・スル、カバウカンチ パイロット・エリア 2: マンバイ、ダミアノポリス、アルボラーダ・ド・ノルチ、シモランディア、ブリチノポリス、シチダバジア、ヤシアラ、フローレス・デ・ゴイアス)

Project Location: Paranã/Pirineus Ecological Corridor Area (*Pilot Area 1:* Entorno do Parque Nacional da Chapada dos Veadeiros/Municípios de Alto Paraíso, Colinas do Sul, Cavalcante *Pilot Area 2:* Entorno da Área de Proteção Ambiental Nascentes do Rio Vermelho/ Municípios de Mambai, Damianópolis, Alvorada do Norte, Simolândia, Buritinópolis, Sítio d'Abadia, Posse, Iaciara e Flores de Goiás)

受益者: パラナ・ピリネウス生態コリドー指定地帯における行政機関(連邦、州、市)、NGO、その他関係機関の職員 *Target Population:* People, governmental organs (federal, states and municipalities), NGOs and other relevant organizations in the Paranã/Pirineus Ecological Corridor Area.

PDM作成日: 2004 年 1 月 20 日 *Date of PDM:* 1/20/2004

統合型生態系保全とは: 「異なるカテゴリーの保護地域・各保護地域のバッファゾーン・生態コリドーにおける、自然保護・自然資源の持続可能な利用・生態系復旧のための種々の活動を統合することにより、広域、広範な地域の保全を促進する」

What is Integrated Ecosystem Management: Form of management that "protects large areas through the integration of conservation units of different categories and their respective buffer zones and ecological corridors, as well as integrating activities with the purposes of preserving nature, sustainable use of natural resources and the restoration and recovery of ecosystems." Law No. 9.985 - SNUC.

プロジェクトの要約 (Narrative Summary)	指標 (Objectively Verifiable Indicators)	指標データ入手手段 (Means of Verification)	外部条件 (Important Assumptions)
上位目標(Overall Goal): パラナ・ピリネウス生態コリドー指定地帯において、自然資源の持続可能な利用に資する統合的生態系管理が促進される。 Integrated ecosystem management is promoted in the Paranã/Pirineus Ecological Corridor Area, contributing to the sustainable use of the natural resources.	1: 統合型生態系保全の手法を、パラナ・ピリネウス生態コリドー指定地帯のすべての連邦管轄の保護区とその周辺地帯が導入する。 Practices related to integrated ecosystem management will be introduced in all federal conservation units and their surrounding areas in the Paranã/Pirineus Ecological Corridor Area. 2: 政府がパラナ・ピリネウス生態コリドーの指定に関する法令を制定する。 Regulations regarding the establishment of the Paranã/Pirineus Ecological Corridor Area will be issued. 3: 関係機関の職員の統合型生態系保全を実施する為の能力が向上する。 Capacity of officers in relevant organizations ¹ for integrated ecosystem management will be developed in the Paranã/Pirineus Ecological Corridor Area.	1: IBAMA の活動報告書/関係文書 Reports / documents of IBAMA activities 2: 各種法令 Laws and Regulations 3a: プロジェクト報告書 Project reports 3b: プロジェクト活動に参加した機関と関係者の数 Number of organizations and personnel involved in the activities	- 自然環境保全に関連した政策や法令に大きな改正が行われない。 Policies and regulations concerning conservation will not undergo major changes. - IBAMA カウンターパートがプロジェクト活動に継続して関わる。 IBAMA counterpart personnel will continue working for project activities. - プロジェクト活動の為の予算が継続してIBAMAに確保される。 Budget for project activities will continue to be allocated to IBAMA.

¹ State and municipal governments in Paranã/Pirineus Ecological Corridor Area as a whole.

プロジェクトの要約 (Narrative Summary)	指標 (Objectively Verifiable Indicators)	指標データ入手手段 (Means of Verification)	外部条件 (Important Assumptions)
<p>プロジェクト目標(Project Purpose):</p> <p>パラナ・ピリネウス生態コリドー指定地帯の統合的生態系管理が、パイロット・エリアにおける活動を通して改善される。 Integrated ecosystem management in the Paran�/Pireneus Ecological Corridor Area is improved through activities in the Pilot Areas.</p>	<p>1: 関係機関の職員の統合型生態系保全を実施する為の能力が向上する。 Capacity of officers in relevant organizations² for integrated ecosystem management will be improved Paran�/Pireneus Ecological Corridor Area.</p>	<p>1a: プロジェクト報告書 Project report</p> <p>1b: プロジェクト活動に参加した機関と関係者の数 Number of organizations and personnel involved in the activities</p>	<p>- IBAMA カウンターパートがプロジェクト活動に継続して関わる。 IBAMA counterpart personnel will continue working for project activities.</p> <p>- プロジェクト活動の為の予算が継続してIBAMAに確保される。 Budget for project activities will continue to be allocated to IBAMA.</p>
<p>成果(Outputs):</p> <p>1. コリドー・レベル及びパイロット・エリア・レベルにおいて、統合的生態系管理に関する関係機関および地元コミュニティの連携が促進される。 Coordination among the relevant organizations and the local communities is improved in the Corridor as a whole, as well as in the Pilot Areas.</p>	<p>1: コリドー調整委員会設立の定款が作成される。 Service statements formalizing the Coordinating Committee for the Corridor will be issued.</p> <p>2: コリドー調整委員会が、少なくとも年一回開催される。 The Coordinating Committee for the Corridor as a whole will meet at least once a year.</p> <p>3: セミナー/ワークショップがコリドー・レベルで毎年開催される。 Seminars/ workshops will be held annually in the Corridor as a whole.</p> <p>4: パイロット・エリア・レベルの既存の保護区管理委員会が、少なくとも年一回開催される。 Existing protected area councils in the Pilot Areas will meet at least once a year.</p> <p>5a: セミナー/ワークショップがパイロット・エリア・レベルで少なくとも年一回開催される。 Seminars / workshops will be held at least once a year in Pilot Areas.</p> <p>5b: 少なくともパイロット・エリアの居住者の1% (1000 人) が、プログラム終了前にプロジェクト活動に参加する。 At least 1% of inhabitants (about 1,000 persons) in the Pilot Areas will participate in project activities until the end of the project period.</p>	<p>1: コリドー管理委員会の定款 The service statements of the Coordinating Committee</p> <p>2: コリドー管理委員会の報告書/出席記録 Reports/attendance lists for each Coordinating Committee meeting.</p> <p>3: セミナー/ワークショップの報告書 Seminar / workshop reports.</p> <p>4: 既存の管理委員会の報告書/出席記録 Reports/attendance lists for existing councils</p> <p>5: セミナー/ワークショップ/会議の報告書 Seminar / workshop / meeting reports.</p>	<p>- IBAMA カウンターパートがプロジェクト活動に継続して関わる。 IBAMA counterpart personnel will continue working for project activities.</p> <p>- プロジェクト活動の為の予算が継続してIBAMAに確保される。 Budget for project activities will continue to be allocated to IBAMA.</p>

² Federal government in the Pilot Areas.

プロジェクトの要約 (Narrative Summary)	指標 (Objectively Verifiable Indicators)	指標データ入手手段 (Means of Verification)	外部条件 (Important Assumptions)
2. コリドー・レベルにおいて、持続的自然資源管理に関する技術的提言が、関係機関に明示される。 Orientation contributing to sustainable natural resource management is made clear to the relevant organizations in the Corridor as a whole.	1: 必要な情報とデータが収集・整理される。 Necessary information and data will be collected and organized. 2: 分析結果に関連した報告書が作成される。 Reports of the results of analysis will be made. 3: コリドー・レベル及びパイロット・エリア・レベルの評価図が作成される。 Diagnostic maps of the Corridor as a whole, as well as of the Pilot Areas will be prepared. 4: 技術的提言が作成される。 Technical recommendations will be prepared.	1: データベース/収集資料 Data-base / documents regarding information and data 2: 報告書及びそれに付随する画像データ Reports and the attached image data. 3: 精度の異なる評価図(紙地図/デジタル・マップ) Diagnostic maps in different scales (paper-based and digital-based maps) 4: 技術的ガイドライン及び関係文書 Technical guidelines and related documents	
3. 関係機関の環境教育/意識啓発の活動を実施する為の能力が向上する。 Capacity of relevant organizations for implementing environmental education / social awareness programs is developed.	1: 必要な情報・データが収集・整理される。 Necessary information and data will be collected and organized. 2: 環境教育活動計画が作成される(参加者と参加機関の数が提示される)。 Plans for environmental education / social awareness programs will be prepared (Number of participants and organizations will be defined) 3: 少なくとも2種類のプログラムと教材が作成される。 At least two (2) types of programs and materials will be prepared. 4: 少なくとも2種類のプログラムが実施される。 At least two (2) types of programs will be implemented. 5: 環境教育/意識啓発のガイドラインが策定される。 Guidelines for environmental education / social awareness programs will be prepared.	1: データベース/収集資料 Data-base / documents regarding information and data 2: 環境教育活動計画 Plans for environmental education / social awareness programs 3: プログラムと教材に関する文書 Documents regarding programs and materials 4: 環境教育/意識啓発の活動報告所 Reports for environmental education / social awareness programs 5: 環境教育/意識啓発のガイドライン Guidelines for environmental education / social awareness programs	

プロジェクトの要約 (Narrative Summary)	指標 (Objectively Verifiable Indicators)	指標データ入手手段 (Means of Verification)	外部条件 (Important Assumptions)
4 活動(Activities): 1-1 コリドー・レベルにおいて、コリドー管理委員会を結成する。 Establish the Coordinating Committee in the Corridor ³ as a whole. 1-2 コリドー・レベルにおいて、コリドー管理委員会を機能させる。 Operationalize the Coordinating Committee in the Corridor as a whole. 1-3 コリドー・レベルにおいて、統合型生態系保全の為の活動に関連したセミナー/ワークショップを開催する。Organize seminars/workshops regarding the activities for integrated ecosystem management in the Corridor as a whole. 1-4 パイロット・エリア・レベルにおいて、既存の保護区管理委員会を維持する。Maintain the existing protected area councils in the Pilot Areas ⁴ . 1-5 パイロット・エリア・レベルにおいて、統合型生態系保全の為の活動に関連したセミナー/ワークショップを開催する。Organize seminars/workshops regarding the activities for integrated ecosystem management in the Pilot Areas. 2-1 評価図の作成に必要な情報を収集する。Collect information necessary for preparing diagnostic maps. 2-2 既存のゾーン・マップと関連情報を分析・整理する。Analyze and organize the existing zoning maps and related information. 2-3 評価図を作成する。Prepare diagnostic maps. 2-4 評価図に付随する技術的提言を作成する。Prepare technical orientations to accompany the diagnostic maps. 3-1 環境教育/意識啓発の活動に必要な情報を収集する。Collect information necessary for environmental education / social awareness programs. 3-2 環境教育の活動計画を策定する。Plan activities for environmental education. 3-3 環境教育のプログラム及び教材を作成する。Prepare programs and materials for environmental education. 3-4 環境教育のプログラムを実施する。Implement environmental education programs. 3-5 テクニカル・ペーパーを作成する。(レポート、ガイドライン等) Prepare technical documents (e.g., reports, guidelines).	投入(Inputs): ブラジル側	投入(Inputs): 日本側	- IBAMA カウンターパートがプロジェクト活動に継続して関わる。 IBAMA counterpart personnel will continue working for project activities. - プロジェクト活動の為の予算が継続してIBAMAに確保される。 Budget for project activities will continue to be allocated to IBAMA. 前提条件: Preconditions: - IBAMA生態コリドー計画が、国の政策として認知されている。 IBAMA Ecological Corridor project is recognized as being under national conservation policies. - IBAMA生態コリドー計画が、IBAMAの優先課題として認知されている。 IBAMA Ecological Corridor project is recognized as a priority project within IBAMA.

³ Paran /Pireneus Ecological Corridor Area

⁴ *Pilot Area 1:* Entorno do Parque Nacional da Chapada dos Veadeiros/Munic pios de Alto Para so, Colinas do Sul, Cavalcante *Pilot Area 2:* Entorno da  rea de Prote  o Ambiental Nascentes do Rio Vermelho/ Munic pios de Mamb , Damian polis, Alvorada do Norte, Simol ndia, Buritin polis, S tio d'Abadia, Posse, Iaciara e Flores de Goi s

Annex-5.

Regimento Interno do Comitê de Coordenação Conjunta do Projeto Conservação de Ecossistemas do Cerrado

Capítulo I Disposições Gerais

Este Regimento define a estrutura e o funcionamento do Comitê de Coordenação Conjunta do Projeto Conservação de Ecossistemas do Cerrado, doravante denominando "Comitê", por uma iniciativa de cooperação bilateral Brasil - Japão, no âmbito do Acordo de Cooperação Técnica entre o Instituto Brasileiro do Meio Ambiente e dos Recursos Naturais Renováveis, a seguir denominado "Ibama" e a Agência de Cooperação Internacional do Japão, a seguir denominada "Jica", que reúnem esforços para a conservação de ecossistemas do Cerrado.

Capítulo II Das Instituições Participantes

Artigo 1º - O Projeto Conservação de Ecossistemas do Cerrado, viabilizado por meio do Corredor Ecológico do Cerrado Paranã-Pirineus, é operacionalizado por intermédio da ação conjunta do Ibama, pelo lado brasileiro e da Jica, pelo lado japonês, em conformidade com os termos de cooperação estabelecidos entre o Governo da República Federativa do Brasil e o Governo do Japão, com base no Acordo de Cooperação Técnica

entre o Brasil e o Japão, promulgado pelo Decreto nº. 69.008, de 4 de agosto de 1971.

Capítulo III

Do Comitê de Coordenação Conjunta

Artigo 2º - A administração do projeto está baseada em um Comitê de Coordenação Conjunta, órgão colegiado de deliberação superior e orientação.

Artigo 3º - O Comitê de Coordenação Conjunta, pelo lado brasileiro, em representação do Ibama, terá como membros efetivos: o Diretor da Direc; o Coordenador-Geral de Ecossistemas; o Coordenador de Conservação de Ecossistemas; o Coordenador Técnico do Projeto; o Gerente Executivo do Ibama em Goiás; e o Gerente Executivo do Ibama em Tocantins, e seus suplentes e, pelo lado japonês, em representação da Jica, terá como membros efetivos: o Coordenador da Cooperação Técnica do Japão no Brasil; o Chefe da Equipe da Jica; e o Coordenador da Equipe da Jica, e seus suplentes, além de membros observadores.

§1º - O Comitê de Coordenação Conjunta será presidido pelo Diretor da Diretoria de Ecossistemas do Ibama;

§2º - Na ausência do Presidente e respectivo suplente, os Membros do Comitê presentes elegerão um dos seus pares para presidir a reunião.

§3º - Os Membros Observadores serão indicados pelo Comitê.

§4º - Os Membros Observadores do Comitê poderão participar das reuniões na presença dos membros titulares, sem direito a voto.

Artigo 4º - A Secretaria Executiva do Projeto será composta por profissionais identificados no quadro do Ibama ou contratados e aprovados pelo Comitê.

Capítulo IV

Da Competência do Comitê de Coordenação Conjunta

Artigo 5º - Cabe ao Comitê, na condição de órgão deliberativo superior, discutir e decidir sobre as estratégias globais para a orientação e coordenação do Projeto; revisar e aprovar o planejamento anual; monitorar e avaliar o conjunto das ações desenvolvidas, do ponto de vista de alinhamento aos objetivos propostos e efetividade dos resultados alcançados, assim como tomar decisões relevantes sobre o gerenciamento do projeto.

Capítulo V

Da Competência da Secretaria Executiva

Artigo 6º - Compete à Secretaria Executiva articular as unidades operacionais do Projeto, desenvolvendo as seguintes ações:

- I. apoiar os trabalhos do Comitê, emitindo informações sobre assuntos pertinentes ao bom funcionamento administrativo do mesmo;

- II. elaborar e submeter relatórios das atividades correntes de condução do Projeto;
- III. prestar assistência ao Comitê em sua representação administrativa e incumbir-se do recebimento, análise e processamento do despacho de atos e correspondências;
- IV. assistir ao Comitê na execução dos assuntos incluídos na área de competência da Secretaria;
- V. comunicar às entidades participantes no Projeto, instruções, orientações e recomendações emanadas do Comitê;
- VI. orientar e controlar as atividades afetas à Secretaria, especialmente as relativas a assuntos administrativos, orçamentários e financeiros em plena consonância com o plano financeiro do projeto aprovado pelo Comitê;
- VII. coordenar o sistema de informatização permitindo dar agilidade ao tratamento e à disseminação de informações no âmbito da Secretaria e do Projeto;
- VIII. manter atualizado o arquivo de informações referentes aos planos e atividades desenvolvidos pelo Projeto.
- IX. praticar atos de administração necessários à execução de suas atividades;
- X. exercer outras atribuições que lhe forem atribuídas pelo Comitê;

Capítulo VI

Das Reuniões do Comitê

Artigo 7º - O Comitê reunir-se-á, ordinariamente, sem necessidade de convocação, a cada 6 (seis) meses e, extraordinariamente, sempre que convocado por seu Presidente ou pela maioria de seus membros.

§1º - As sessões do Comitê serão secretariadas pela Secretaria Executiva.

§2º - A juízo do presidente do Comitê, poderão ser convidadas pessoas para, durante as reuniões, prestarem esclarecimentos sobre assuntos específicos.

§3º - Os convidados para prestar esclarecimentos em reuniões do Comitê receberão, como colaborador eventual, passagens e diárias para comparecer a reuniões fora do município ou região metropolitana onde reside.

Artigo 8º - As decisões do Comitê serão tomadas mediante consenso dos seus membros efetivos presentes à reunião, obedecido o quorum mínimo de 5 (cinco) de seus membros presentes.

Artigo 9º - Verificado o quorum mínimo de integrantes, salvo determinação do presidente ou requerimento aprovado pela maioria dos presentes, ou sendo matéria considerada de urgência, os trabalhos obedecerão à seguinte sequência.

- I- abertura da sessão com a leitura e aprovação da ata da reunião anterior;
- II- leitura da pauta do dia;
- III- discussão e votação das matérias em pauta;
- IV- definição da data da próxima reunião;
- V- considerações finais;
- VI- encerramento dos trabalhos;
- VII- elaboração da ata; e,

VIII- assinatura da ata e distribuição de cópias aos membros efetivos e membros observadores, presentes ou não, por intermédio da Secretaria.

Capítulo VII

Disposições Finais e Transitórias

Artigo 10º - Os casos omissos neste Regimento serão tratados no âmbito do Comitê.

Artigo 11º - O presente Regimento Interno poderá ser alterado mediante proposta do Comitê e aprovada pela maioria de seus membros.

Artigo 12º - A duração deste Comitê e do presente Regimento é de 3 (três) anos, válidos para o período de 2003 a 2006, podendo ser alterada mediante acordo entre seus membros.

Artigo 13º - O presente Regimento Interno entrará em vigor na data de sua publicação no Diário Oficial da União do Brasil.

Annex-6. Chronological records of Japanese Experts missions

Area of expert	Name	Period	Reports produced, recommendation
<u>Long-term expert</u>			
Integrated Ecosystem Management/Chief Advisor	Dr. Hiroshi KIDONO	2003.02.01 – 2006.01.31	3 Project progress reports, 5 Achievement of outputs of the Project.
Participatory Natural Resource Management/Project Coordinator	Mr. Koji ASANO	2003.02.01 – 2006.01.31	
<u>Short term expert</u>			
Environmental Education	Mr. Mitsuru WATANABE	2003.10.11 – 12.06	Final report (Japanese).
Data-base for Natural Environment/Geographic Information System Analysis	Prof. Masami KANEKO	2003.10.27 – 11.07	Final report (Japanese).
Environmental Education (Natural Resource Management)	Prof. Masayuki NEMOTO	2003.10.27 – 11.09	Final report (Japanese).
Satellite Image Information Analysis	Mr. Munemitsu AKASAKI	2003.10.27 – 12.10	Proposta para planejamento de atividades de SIG (Sistema Informatica Geografica) e base de dados.
Environmental Education	Mr.Takayoshi FUKUYO	2004.05.08 – 12.12	Technical Final Report (Japanese)
Protected Area Management	Dr. Masaaki YONEDA	2004.08.04 – 09.05	Final Report (Japanese), Integration of information for Ecological Corridor Planning I n CECPP Area, Presentation File for IBAMA(Ecological Corridor Planning), Proceeding Report of Cerrado Corridor Project.
Satellite Image Information System Analysis	Ms. Noriko MURAI	2005.03.10 – 05.27	Final Report (Japanese), CECPP Virtual Flight, GIS Implementation in CECPP Project, Atlas CECPP
Participatory Natural Resource Management	Mr. Takayoshi FUKUYO	2005.04.11 – 12.16	Presentation(Protected area system and forest corridor planning in Japan)
Natural Environmental Information Management	Mr. Manabu KAWAGUCHI	2005.08.10 – 12.07	Inception report, technical transfer report (GIS Operation Manual, General Technical Report, Working Report.
<u>Mid-evaluation mission</u>	Prof. Masayuki NEMOTO Prof. Masami KANEKO Mr. Shin MARUO	2004.09.16 – 23	Mid-evaluation M/M, report

Annex-7

THE MINUTES OF MEETING
BETWEEN
THE JAPANESE PROJECT CONSULTATION TEAM
AND
THE AUTHORITIES CONCERNED OF
THE GOVERNMENT OF THE FEDERATIVE REPUBLIC OF BRAZIL
ON THE CERRADO ECOSYSTEM CONSERVATION PROJECT

The Japanese Project Consultation Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency, headed by Dr. Masayuki Nemoto visited the Federative Republic of Brazil from Sep. 16th to Sep. 23rd 2004 for the purpose of reviewing the past achievement and progress and confirming the implementation plan of the Cerrado Ecosystem Conservation Project (hereinafter referred to as "the Project").

During the stay in the Federative Republic of Brazil, the Team has carried out a field survey and held a series of discussion with the Brazilian authorities concerned.

As a result of the survey and the discussions, both sides came to the understanding concerning the matters referred to in the documents attached hereto.

Brasilia, September 22nd, 2004

Masayuki Nemoto
Leader
Japanese Project Consultation Team
Japan International Cooperation Agency
JAPAN

Cecilia Foloni Ferraz
Director, Department of Ecosystems
Brazilian Institute of Environment and
Renewable Natural Resources (IBAMA)
FEDERATIVE REPUBLIC OF BRAZIL

The attached document

1. REVIEW OF THE PROGRESS

At the initial stage, the project activities plan were needed to be modified from the original plan on PDM and PO signed on July 24th, 2002 caused by unexpected incidents. However, the circumstances of the Project have gradually improved and the Project activities have been implemented as scheduled on the modified PDM and PO last few months.

The reviews of past overall progress of the Project are as follows;

(Achievement of Outputs)

(1) Output 1

“Coordination among the relevant organizations and the local communities is improved in the Corridor as a whole, as well as in the Pilot Areas.”

1) Achievement:

Coordinating Committee Meetings were held 3 times since the beginning of the Project. On the meeting, useful comments and suggestions concerning to the Project activities were presented.

Initial seminar was held in July, 2003 and another seminar for developing textbooks for environmental education was held in June, 2004. Main relevant organizations to the Project were participated in both seminars.

Seminar for governmental organizations, related sections of local governments concerned, NGOs and local communities in the municipalities of Chapada dos Veadeiros National Park (hereinafter referred to as “PNCV”) has been held. In the seminar, basic ideas of cooperation were discussed and basic plans for the monitoring of water quality and the area along highways, and environmental education were elaborated.

The 2nd National Seminar on Ecological Corridor has been held during the staying of the Team in the Federative Republic of Brazil. There attended some 250 people, such as technicians, researchers, and employees of governmental organizations, universities, NGOs and so on. In this opportunity, constructive and useful opinions on planning, implementation and evaluation of ecological corridor projects were collected. These comments will be considered for making a guideline on ecological corridor projects and expected to apply for implementation of the projects.

Advisory Council of PNCV was reorganized and reactivated after the designation of the new Director of PNCV. Through this council, awareness and interest of local citizens in PNCV are expected to be raised. On the other hand, the organization of Advisory Council in Nascentes do Rio Vermelho Environmental Protected Area (hereinafter referred to as “APA-NRV”) is just started.

Seminar on integrated management of ecological corridor was held in the State of Goias with participation of organizations from federal government, local governments and others. In this occasion, they confirmed that there are possibilities of practical collaboration each other in the implementation of the Project.

The number of the participants in seminars and other activities is over 600 so far. The accomplishment of seminars and technical meeting are important for the information sharing sustainable implementation of the Project.

2) Alternation of important assumptions

The changes of Brazilian Government caused to the alternation in the main administrative functions of the Brazilian Environment Institute for Renewable Natural Resources (hereinafter referred to as "IBAMA") and influenced to the Project activities.

A strike by the employees of IBAMA was carried out in 2003. This caused some delay in the accomplishment of the Project activities compared with the initial plan and some objections on the activities of short-term experts.

(2) Output 2

"Orientation contributing to sustainable natural resource management is made clear to the relevant organization in the Corridor as a whole."

1) Achievements:

Information and geographical data related to the ecological corridor existing in the database in IBAMA, Brazilian Institute of Geography and Statistics (IBGE) and NGOs were collected. This information and data will contribute to establish an applicable basis of thematic data to the socioeconomic and environmental evaluation in the corridor.

Studies were held about the dynamics of the land use in the corridor area, by using the Landsat satellite images taken from 1996 to 2002. The statistics obtained through the studies helped to understand the current reality of land use and allowed a first evaluation of the ecosystem fragmentation. These studies have been entrusted to the NGO, Conservation International Brazil and the results were compiled in a report. This information will be used in the elaboration of diagnostic maps.

A web site has been developed for the purpose of sharing related information to the Project.

(3) Output 3

Capacity of relevant organizations for implementing environmental education / social awareness programs is developed.

1) Achievements:

The concept of a center for integration of activities on environmental education was developed. This center will be used for integrating the activities of the players of environmental education. This center will give the opportunities of discussing and information sharing for the players and is planned to be installed in the visitor center of PNCV.

Socioeconomic researches have been conducted in Municipalities of Mambai and Alto Paraiso by entrusting to Foundation for Development, Technical Assistance, Agricultural Extension of Goias (FUNDATER) and the NGO, WWF Brazil respectively.

After the series of discussions in the division concerned in IBAMA, 4 activities of environmental education have been implemented in PNCV.

Textbook for environmental education was published corroborating with National Center for Management and Study of Caves (CECAV), IBAMA.

Plan for making integrated textbook, such as environmental education kit, has started mainly by Brasilia National Park and a seminar concerning this plan has already been held in June, 2004.

1 week environmental education course for school teachers was held in Municipality of Posse and 2 more courses are planned to be held in this year in APA-NRV.

2. RECOMMENDATIONS

(1) Establishment of a group for supervising the Project

Collaboration of concerned organizations is important to the Project. In this sense, a coordinating group for supervising Cerrado Conservation Project should be established and play a key role.

The Team recommended inviting Ministry of Environment (MMA), EMBRAPA, concerned State Government, NGOs and other related organizations to consist the coordinating group.

(2) Management and utilization of environmental information

The Team recommended making a plan to prepare diagnostic maps in collaboration with other concerned organizations which are involved in the coordinating group mentioned above in the recommendation (1).

For this, the Team recommended organizing a working group to manage and utilize database on environmental information. The working group should make a framework for utilizing the accumulated information related to ecological corridor conservation and make it public to raise the public awareness.

(3) Examination of existing laws and regulations

The Team identified the existence of laws and regulations concerning the conservation of natural environment. The Team recommended the organization of a working group, formed by members from IBAMA and other relevant Brazilian institutions, to analyze the possible practical application of the laws and regulations concerning ecological corridors.

Annex-8. List of reports produced by Consultants for output 1, 2 and 3

Date	Consultant Name	Product Title	Output Category
Jun.2003	Métodos	Moderator: Corredor Ecológico do Cerrado – oficina de planejamento.	1,2,3
Nov.2003	WWF Brazil	Referências sobre Educação Ambiental na Região da Chapada dos Veadeiros.	3
Mar.2004	FUNDATER	Levantamento de socio-econômico dos 45 municípios que compõem o corredor ecológico do Cerrado.	3
Mar.2004	Conservation International Brazil	Analysis of the Native Vegetal Cover along the Paranã-Pireneus Ecological Corridor.	2
Mar.2004	Conservation International Brazil	Núcleo de Sistemas de Informação – Corredor Ecológico Paranã-Pireneus Banco de Dados.	2
Aug.2004	Prof. Maria S. França	Coordinator: Curso de Capacitação para Reeditores em Educação Ambiental Formal – Municípios da Área Piloto 2 (Posse e	3
Nov.2004	Prof. Maria S. França	Coordinator: Curso de Capacitação para Reeditores em Educação Ambiental Formal – Municípios da Área Piloto 2 (Mambai, Damianópolis, Sítio D'Abadia)	3
Dec.2004	Prof. Maria S. França	Coordinator: Curso de Capacitação para Reeditores em Educação Ambiental Formal (Alvorada do Norte, Buritinópolis, Flores de Goiás e Simolândia)	3
Sep.2004	Métodos	Moderator: Oficina sobre metodologia aplicada na implementação de Corredores Ecológicos.	1
Nov. 2004	GEOAMBIENTE	Instructor: Manual do treinamento ArcGIS – ArcView B	2
Nov. – Dec. 2004	GEOAMBIENTE	Technical assistance to the Project Information Management	2
Nov.2004 – Feb.2005	Mauro Soares	Relatório –Implantação e desenvolvimento de ações do CIAA	1& 3
Feb.2005	GEOAMBIENTE	Processing methodology applied to Quickbird.	2
Jun.2005 – Dec.2005	Sra. Marília Fonseca	Coordinator:Relatório – Implantação e desenvolvimento de ações do CIAA	1
Jul. 2004	Prof. Maria S. França	Moderator:Relatório do Seminário de Promoção da Gestão Integrada do Corredor Ecológico do Cerrado Paranã-Pireneus (Estado de Goiás)	1, 2, 3
Oct. 2005	Prof. Maria S. França	Moderator: II Seminário de Promoção da Gestão Integrada do Corredor Ecológico do Cerrado Paranã- Pireneus (Estado de Goiás).	1, 2, 3
Jul. 2005	Business do Brasil Comunicacao LTDA	Livreto de maximo 70 paginas	3

Annex-10. Current list of members of public and private organizations, NGOs, community and labor associations concerned (outputs 1 & 3)

Type of Organization	Name	Output	Related activity	Year
Public organization	Agência Rural-Alvorada do Norte	1 & 3	Primeiro seminário regional de implementação: Alternativas para a geração de renda.	2003
	Prefeitura Municipal de Alvorada do Norte			
	Prefeitura Municipal de Buritinópolis			
	Prefeitura Municipal de Damianópolis			
	Prefeitura Municipal de Iaciara			
	Prefeitura Municipal de Flors de Goiás			
	Prefeitura Municipal de Simolândia			
	Prefeitura Municipal de Sítio d'Abadia			
	Câmara Municipal de Damianópolis			
	Sindicato dos Trabalhadores Rurais de Iaciara			
Labor association	Conselho Municipal de Des. Rural de Flores de Goiás			
community association	Universidade Federal de			
Public organization	Câmara Municipal de Mambai			
Public organization	Colégio Estadual Sebastião Moreira da Silveira	3	Curso de Capacitação para Re-editores em Educação Ambiental Formal	2004
	Escola Municipal João Ferreira da Cruz			
	Escola Estadual Valter Moreira dos Santos			
	Escola Municipal Paulo Freire			
	Escola Municipal Bento Francisco Xavier			
	Escola Municipal P. Vila Nova			
	Escola Municipal Tancredo Neves			
	Escola Estadual Manoel			
	Colégio Estadual Francisco da Matta Lima			
	Colégio Estadual Francisco da Matta Lima			
NGO	Grupo Oreões - Chapada dos Veadeiros	3	Projeto trilha interpretativa	2004
NGO	Escola Bioma Cerrado-AGEMA	3	Coleta de Informações ecológicas e culturais	2004
Public organization	Prefeitura de Cavalcante	3	Definição de local para abertura de acesso ao PNCV em Cavalcante	2004
Labor association	ACECE-Cavalcante			
Community	COMTUR-Cavalcante	3	Curso de capacitação campanha Parque Vivo, PNCV, Regional Cavalcante	2004
NGO	Fundação Pró-Natureza			
Internationa org.	UNDP			
Internationa org.	GEF			
NGO	Grupo de Apoio ao Meio Ambiente Alto Paraíso	3	Curso reciclagem para guias locais de ecoturismo	2004
NGO	Grupo de Apoio ao Meio Ambiente Alto Paraíso	3	Seminário: Uso múltiplo dos RH na Bacia do Alto Tocantins e impactos ambientais no	2004
NGO	Conágua Alto Tocantins	3	Reunião extraordinária do CONPARQUE	2004
community	Sindicato Rural-Cavalcante	1		
Private	COMTUR-Cavalcante	1		
Public organization	Câmara Municipal de Cavalcante	1		
NGO	Capetinga	1		
NGO	Associação Sol-Cavalcante	1		
NGO	Associação Kalunga	1		
Private	Pousada Manacá	1		
Labor association	ACECE-Cavalcante	1		
Public organization	Prefeitura Colinas do Sul	1		
	AGENDAS	1		
NGO	AGEMA	1		
NGO	AGEMA	1		
Community	Rádio Comunitária Paraíso	3	IV Encontro das ACV's na Chapada Diamantina	2004
Public organization	Embrapa	3	Campanha ambiental CIAA/PNCV	2004
	Reserva da Biosfera do	3		
	Corpo de Bombeiros	3		
	Corpo do Exército e da	3		
	Universidade Católica de Brasília	3		
Private	Prefeitura de Alto Paraíso	3	I seminário Pró-Kit de Educação Ambiental	2004
	Prefeitura de Cavalcante	3		
	Prefeitura de Colina do Sul	3		
	Agência Rural - Flores de	3		
	Prefeitura de Mambai	3		
Public organization	Prefeitura de Iaciara	3		

Labor association	Associação Agrovila Mambai	3		
Public organization	Prefeitura de Posse	3		
Private	Unicub/Grupo Orsades	3		
NGO	A. Sol (Organização para Educação, Cultura, Meio Ambiente e Participação Social, Cavalcante)	3	II Encontro Infanto Juvenil de Educação Ambiental, Cavalcante	2005
NGO	AGEMA	3	Conhecendo nosso meio ambiente.	2005
Public organization	Prefeitura de São João D'Alança	3	Educação ambiental para Professores e Alunos da Rede Municipal de Ensino de São João D'Alança-GO	2005
	Escolas municipais			
NGO	Fundação Pró-Natureza			
	Eco-Data			
NGO	Escola Bioma Cerrado-AGEMA	3	Oficina de Mídia Audiovisual Bioma Cerrado	2005
NGO	Instituto Serra Mãe	1 & 3	Força das Águas - Ações ambientais integradas	2005
Public organization	Prefeitura de Alto Paraíso			
	Câmara Municipal de Alto Paraíso			
Labor association	Associação dos Guias			
	Prefeitura de São João D'Alança			
Public organization	Secretaria de Turismo e Meio Ambiente de Minaçu			
	Secretaria de Turismo e Meio Ambiente de Teresina, GO			
Private	Universidade Católica de Brasília			
	Eco-Data			
NGO	Fundação Pró-Natureza			
	Pró-Comite da Bacia do Maranhão			
Public organization	Prefeitura de Colina do Sul			
Private	Colégio Ávila			
Public organization	Universidade Federal de			
NGO	Associação Ecológica Alto Paraíso			
community association	Rádio Comunitária Alto			
Public organization	Embrapa-CPAC			
NGO	Kakunga Mercado Justo			
	Agência Goiana de Desenvolvimento Regional-AGDR			
Public organization	Prefeitura de Cavalcante			
	Agência Ambiental, GO			
Labor association	Sindicato Rural			
NGO	Rede de Integração Verde			
Private	VT Filmes			
Public organization	Ministerio Público Goiás			
Private	Travessia Ecoturismo			
Public organization	Prefeitura municipal de Peixe			
	Codemin/AS			
Public organization	Saneago			
	IBRAD(Instituto Brasileiro de Administração para o Desenvolvimento			
Private	Fazenda Tangará			
NGO	WWF Brasil			
Private	RPPN Bom Sucesso			
	Penery Mineração LTDA			
Public organization	Colégio Estadual Moisés Nunes Bandeira			
	Universidade de Brasília			
	Semarh-GO			
Private	Fazenda Ecológica			
	CONDEMA			
Public organization	Escola Luz do Cerrado			
	Comissão do Meio Ambiente			
	Pousada Menina Lus			
Private	OCA Brasil			
	RPPN Vale das Araras			
	SAMA Mineração de Amianto			
Public organization	Secretaria Nac.Saneamento Ambiental- Ministerio das Cidades			
	Ministerio da Integração			
	ESCA Agência Cultural			
Labor association	Associação de Condutores de Visitantes de Colinas do Sul (AGENDAS)	2	Capacitação da comunidade para atuar como condutor de	2005

Labor association	Associação de Condutores de Visitantes da Chapada dos Veadeiros (ACVGV)	3	visitante no entorno do PNCV	2005
Labor association	Guias profissionais da região da Chapada dos Veadeiros (ACVGV) Associação dos Guias e Prestadores de Serviço da Chapada (SERVITUR) Associação de Condutores em Ecoturismo de Cavalcante e Entorno (ACECE) Associação de Condutores de Visitantes da Chapada dos Veadeiros (ACVGV) Conselho Municipais de Turismo e Meio Ambiente	3	Curso básico para formação de guia local de ecoturismo.	2005
NGO	WWF Brasil			
Community	Associação Berço da Água			
Community	Rádio Comunitária Paraíso	3	Campanha CIAA	2005
NGO	Fundação Pró-Natureza			
Public organization	Prefeitura Municipal de Alto Paraíso Prefeitura Municipal de São João D'Alcântara Prefeitura Municipal de Colinas do Sul Prefeitura Municipal de Cavalcante Prefeitura Municipal de Teresina de Goiás Ministério do Desenvolvimento Agrário -MDA Secretário de Meio Ambiente e Recursos Hídricos- SEMART/GO SEBRAE/GO/DF Agência Ambiental, GO	1 & 3	IV Encontro dos Povos da Chapada dos Veadeiros	2005
NGO	WWF Brasil			
Public organization	Agência de Cultura Goiana Pedro Ludovico-AGEPEL			
NGO	OCA Brasil			
Public organization	Capetinga			
Public organization	Agência de Desenvolvimento Regional-AGDR			
NGO	Rede de Cultura do Cerrado			
Community	Rádio Comunitária Paraíso			
NGO	Eco-Data			
Private	Travessia Ecoturismo Alternativas Ecoturismo Alpatur Ecoturismo SERVITUR			