

APPENDIX

1. 28 PRIORITY PROJECT PROFILE

Program No. A.1	Program title Assisting regional production									
Project No. A.1.4	Project title Assist production of new livestock products									
Project location Itapúa, Cordillera Central, Concepción	Target beneficiaries Hog management farmers, Chicken producers					Project duration 2001 - 2006				
Executing agency MAG-S.S.E.G	Importance of the Project Effectiveness: L Efficiency: M Immediate effectiveness: M Repercussion: L Total: L									
	Priority of the Project: 2									
Objective <ul style="list-style-type: none"> • Increase in hogs and chickens • Decline in livestock (pig and poultry) animal diseases 										
Expected effect <ul style="list-style-type: none"> • Increased production of new animals products (hogs and chickens) serves to diversify exports • Corn can be utilized as mixed feed, which will in turn lower production costs and increase export • Assist small-scale livestock farmers 						Evaluation index Changes in hog and chicken production volume Changes in hog and chicken export volume				
Pre-condition <ul style="list-style-type: none"> • Continuation of the new MAG animal production policy • Contract production will be promote between the producer and beef processing factory 										
Relation with other projects and sectors -Mixed feed cluster					Related organizations DIA, DEAG, DC, MIC, Aduana					
Major plan		Main resources							Duration	
		Materials And Equipment		Human resources		Costs (US\$1,000)				
(1) Basic study of new livestock products						500			2001	
(2) Assisting pork production		-Model pig raising facilities -Disseminate pig raising technology -Establish a breeding production and supply of pigs				400			2002-2003	
(3) Assisting poultry production		-Materials rearing, increased production -Demonstration of raising facilities				500			2002-2003	
(4) Countermeasures targeting infections animal disease (Newcastle, Cholera)		-Study and monitoring for animal diseases -Improvement of disease analysis equipment				600			2002-2006	
Total						2,000				
C o s t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	500	500	600	100	100	200			2,000
	Public Sector	500	500	600	100	100	200			2,000
	Private Sector									
	Necessary Import									

Program No. A.2		Program title Assisting the export of agricultural products								
Project No. A.2.2		Project title Hygiene management for livestock products								
Project location Port: Falcon, Remanso P.J. C aballero, C.del Este, Encarnación, Pilar, Chaco		Target beneficiaries Livestock farmers Exporters Consumers				Project duration 2001 - 2006				
Executing agency MAG-SENACSA		Importance of he Project Effectiveness: L Efficiency: L Immediate effectiveness: M Repercussion: L Total: L Priority of the Project: 1								
Objective <ul style="list-style-type: none"> Strengthening the SENACSA livestock management system Extension activities in animal hygiene management education 										
Expected effect <ul style="list-style-type: none"> Increased livestock production Improvement of beef export 						Evaluation index Changes in beef export volume				
Pre-condition <ul style="list-style-type: none"> Promote the hygiene prevention institutional system 										
Relation with other projects and sectors Mixed feed cluster					Related organizations DIPA and SSEG, DC, MIC, Aduana					
Major plan		Main resources							Duration	
		Materials And Equipment			Human Resources		Costs (US\$1,000)			
(1)Strengthen the livestock management system		-Monitoring survey -Improvement of hygiene management facilities of SENACSA					600		2001-2002	
(2)Establish a nationwide network in animal hygiene management		-Surveillance of animal diseases -Establish an animal hygiene management facilities at the national borders					800		2001-2003	
(3)Extension activities in animal hygiene management education		-Assist the organization of small-scale livestock farms -Establish an animal hygiene management network					400		2002-2006	
Total							1,900			
C o s t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	400	900	400	100	50	50			1,900
	Public Sector	400	900	400	100	50	50			1,900
	Private Sector									
	Necessary Import									

Program No. I.2	Program title Upgrading quality and productivity									
Project No. I.2.1	Project title Industrial standardization									
Project location All areas	Target beneficiaries Manufactures, Consumers					Project duration 2001 - 2006				
Executing agency STP MIC, INTN	Importance of the Project Effectiveness: S Efficiency : M Immediate effectiveness: M Repercussion: L Total : M									
	Priority of the Project : 1									
Objective <ul style="list-style-type: none"> • Preparation for national standards that can be adjusted to certification system of MERCOSUR • Diffusion of national standard • Preparation of Quality Control • Diffusion of standardization and Quality Control 										
Expected effect <ul style="list-style-type: none"> • Interrelationship and trust between private firms and official institution • Diffusion of Quality Control • Upgrading of quality of the products made by Paraguay . Promotion of exportation 							Evaluation index Number of industrial standard			
Pre-condition <ul style="list-style-type: none"> • Recognition of INTN as testing and inspection laboratories 										
Relation with other projects and sectors <ul style="list-style-type: none"> • Q-2 Program for Strengthening of Testing and Inspection Laboratories • I-2,3 Diffusion of Quality Control 					Related organizations MIC, CONACYT, APC, Trade associations					
Major plan			Major resources						Duration	
			Materials and equipment		Human Resources		Costs (US\$1,000)			
Total			900							
C o s t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	150	150	150	150	150	150			900
	Public Sector	150	150	150	150	150	150			900
	Private Sector									
	Necessary Import									0

Program No. I.2		Program title Upgrading quality and productivity									
Project No. I.2.3		Project title Diffusion of quality control									
Project location All areas		Target beneficiaries Private firms				Project duration 2001 - 2006					
Executing agency STP APC		Importance of the Project Effectiveness: M Efficiency : M Immediate effectiveness: L Repercussion: L Total : L									
		Priority of the Project : 1									
Objective <ul style="list-style-type: none"> • Diffusion of quality control • Promotion of ISO9000 • Diffusion of quality control for medium and small enterprises 											
Expected effect <ul style="list-style-type: none"> • Upgrading of quality of Paraguay products • Promotion of exportation 						Evaluation index Number of firm that have ISO9000 Number of participants of seminars and courses of APC					
Pre-condition											
Relation with other projects and sectors					Related organizations CONACYT, MIC, Trade associations						
Major plan			Major resources						Duration		
			Materials and equipment		Human Resources		Costs (US\$1,000)				
(1) Diffusion of Quality Control									2001-2006		
(2) Promotion of ISO9000									2001-2006		
Total							1,200				
C o s t s			2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total		200	200	200	200	200	200			1200
	Public Sector		100	100	100	100	100	100			600
	Private Sector		100	100	100	100	100	100			600
	Necessary Import										0

Program No. I.4	Program title Strengthening marketing										
Project No. I.4.1	Project title Market studies of principal products of selected clusters										
Project location All areas	Target beneficiaries Cluster, Manufacturers					Project duration 2001 - 2003					
Executing agency STP MIC, PROPARAGUAY	Importance of the Project Effectiveness: M Efficiency : L Immediate effectiveness: L Repercussion: M Total : L										
	Priority of the Project : 1										
Objective <ul style="list-style-type: none"> To do the export market studies of the principal products of selected clusters. To provide the market information to exporters and manufacturers. 											
Expected effect <ul style="list-style-type: none"> Product development adapted to the market demand Expansion of export 							Evaluation index Number of accesses to the market information				
Pre-condition											
Relation with other projects and sectors <ul style="list-style-type: none"> I-6,1 Consultation desks in department offices I-6,2 Consultation desks for cluster development 					Related organizations STP, Department, Trade associations						
Major plan			Major resources							Duration	
			Materials and equipment		Human Resources		Costs (US\$1,000)				
(1) Market studies of principal products										2001	
(2) Information services										2001-2003	
Total							300				
C o s t s			2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total		200	50	50						300
	Public Sector		200	50	50						300
	Private Sector										
Necessary Import											0

Program No. T.1	Program title Improvement of export corridor			
Project No. T.1.1	Project title Road projects for export corridor development			
Project location Nationwide	Target beneficiaries Export companies, export product manufacturers		Project duration 2001 - 2010	
Executing Agency MOPC	Importance of the Project Effectiveness : M Efficiency : M Immediate effectiveness : M Repercussion :L Total : L-M			
	Priority of the Project: 1-2			
Objective (1) Reduction of transportation cost of export products from Paraguay and shortening of transportation time				
Expected Effect It is expected to expand the market by intensifying international price competition through the reduction of transportation cost and shortening of transportation time.			Evaluation index Transportation time, transport cost FIRR,EIRR	
Pre-condition Maintenance condition of network overseas, consensus between two countries				
Relation with other projects and sectors		Related organization ANNP		
Major Plans	Longitude (km)	Project Cost (Million Dollars)	Duration	Remarks
(1) Asunción - Guazú Cuá	149.10	74.60	2004-2006	BNSD
(2) Ciudad del Este – Natalio	185.40	92.70	2004-2006	
(3) Carmelo Peralta – Ruta 9	376.60	60.38	2001-2003	
(4) Mariscal Estigarribia – Infante Rivalora	232.00	127.60	2001-2003	BID,CAF
(5) Neuland - Pozo Hondo	313.00		2001-2003	BID
(6) Second Amistad Bridge		87.64	2004-2006	
(7) Pillar - Argentine Bridge		88.20	2007-2010	FONPLATA
(8) Route 9 (La Patria to Sargento Rodríguez)		-	2001-2004	
(9) Route 2 and 7 (San Lorenzo to Caaguazú)		54.37	2002-2009	
Total		667.49		

Notes: BNSD : Brazilian Development Bank, BID : Inter-American Development Bank, CAF : Foment Corporation of the Andes, FONPLATA : Financial Fund for the Development of La Plata's Influential Area

C O S T S		2001	2002	2003	2004	2005	2006	2007-2010	Total
	Total	105,470	115,710	115,710	109,010	95,420	95,420	30,750	667,490
	Public Sector	105,470	115,710	115,710	109,010	95,420	95,420	30,750	667,490
	Private Sector								
	Import	54,310	59,590	59,590	56,140	49,140	49,140	15,830	343,740

Program No. T.1	Program title Improvement of export corridor								
Project No. T.1.2	Project title Port and river transport projects for export corridor development								
Project location Encarnación port, Paraguay River	Target beneficiaries Export companies, export product manufacturers					Project duration 2001 - 2010			
Executing Agency ANNP	Importance of the Project Effectiveness: M Efficiency: L Immediate effectiveness: L Repercussion: L Total : L-M								
	Priority of the Project: 1-2								
Objective (1) To deal with the increasing export volume from Alto Paraná prefecture, Itapua prefecture, etc. (2) To assure safety of service on Paraguay River.									
Expected Effect It is expected to expand the market by increasing international price competition through the reduction of transport cost, shortening of transportation time, safety assurance, etc.						Evaluation index Transportation time, transport cost FIRR,EIRR			
Pre-condition									
Relation with other projects and sectors					Related organization ANNP				
Major Plans					Project Cost (Million Dollars)	Duration		Remarks	
(1) Expansion of Pillar Port					12.00	2007-2010		Private	
(2) Expansion of Encarnación Port					12.00	2004-2006		Private	
(3) Acquisition of dredgers to be used in Paraguay River					40.00	2001-2006		Private	
(4) Rehabilitation and functional expansion of foreign free trade zone located in neighbor countries					36.75	2004-2010		Private	
(5) Improvement on River Navigation System					5.00	2001-2005		Private	
Total					105.75				
C O S T S		2001	2002	2003	2004	2005	2006	2007-2010	Total
	Total	7,670	7,670	7,670	20,910	20,910	19,920	21,000	105,750
	Public Sector								
	Private Sector	7,670	7,670	7,670	20,910	20,910	19,920	21,000	105,750
	Import	7,400	7,400	7,400	18,600	18,600	17,860	21,000	98,260

Program No. T.2	Program title Improvement of domestic mobility			
Project No. T.2.1	Project title Project for domestic main road improvement			
Project location Nationwide	Target beneficiaries Road users	Project duration 2001 -		
Executing Agency MOPC	Importance of the Project			
	Effectiveness: M Efficiency: S Immediate effectiveness : M Repercussion :L Total : L-S			
Priority of the Project: 1				
Objective (1)Establishment of large main road network in Paraguay (2)Elimination of traffic congestion in National Roads				
Expected Effect Stimulation of balanced development of the country by improving domestic mobility, which will make evident the latent potential in each region.			Evaluation index Transport time, transport cost EIRR	
Pre-condition				
Relation with other projects and sectors		Related organization MOPC		
Major Plans	Longitude (km)	Project Cost (Million Dollars)	Duration	Remarks
(1) Phase I		193.35	2001-2003	
(2) Phase II		420.84	2004-2006	
(3) Phase III		561.14	2007-2010	
(4) Phase IV		1,402.85	2011-	
Total		2,578.18		
Existing plan				
LA COLMENA-MI-TEBICUARY	38.10			
PARAGUARI-SAPUCAI-VILLARRICA	82.60	63.305	2001-2003	JBIC
ENRI.INF.RIVALORA-PEDRO P.PENA	85.00	23.800	2001-2003	BID
POZO COLORADO-GRAL.DIAZ	216.00	43.200	2001-2003	BID
S.J.Nepomuceno-Ruta 6	97.45	48.750	2001-2003	BNSD
Caaguazu-Curuguay	139.70	69.850	2001-2003	BNSD
National Road No.5(YBY YAU-P.J.Caballero)	70.00			
National Road No.6(Bella Vista-Km.148)	106.00			
National Road No.1(S.J.Bautista-Encarnacion)	170.00			
National Road No.3(Cnel.Oviedo-San Estanislao)	100.00			
National Road No.9(Tranchaco-Rio Negro)	50.00	78.856	2001-2003	JBIC
National Road No.10(TACUARA-CRUCER CARUMBE)	180.00	90.000	2001-2003	PRIVADO
National Road No. 9(Km.12-Km.17)	4.50	1,200.00	2001-2003	LOCAL*
Cruce Villeta-Km.16	16.00	9,200.00	2001-2003	LOCAL*
San Lorenzo-Ita	23.00	1,500.00	2001-2003	LOCAL*
National Road No.10(San Estanislao-Pto.Rosario)	86.00	43.000	2001-2003	BNSD
National Road No.8(Caazapa-Cnel.Bogado)	140.00	70.000	2001-2003	BNSD
National Road No.11(Santa Rosa-Antequera)	88.14	46.074	2001-2003	BNSD
Bridge improvement (National Road No.1 (Paraguari - S.J. Bautista)Tramo Carapegua-La Colmena		8.331	2001-2003	JBIC

Notes:* Regarding the local part, the unit is million guaranties.

C O S T S		2001	2002	2003	2004	2005	2006	2007- 2010	2011- 2020	Total
	Total	64,450	64,450	64,450	140,280	140,280	140,280	561,140	1,402,850	2,578,180
	Public Sector	64,450	64,450	64,450	140,280	140,280	140,280	561,140	1,402,850	2,578,180
	Private Sector									
	Import	33,190	33,190	33,190	72,240	72,240	72,240	288,980	722,460	1,327,730

Program No. T.2	Program title Improvement of domestic mobility									
Project No. T.2.2	Project title Project for provincial road improvement									
Project location Nationwide	Target beneficiaries Road users					Project duration 2001 -				
Executing Agency Prefecture	Importance of the Project Effectiveness : M Efficiency : S Immediate effectiveness :M Repercussion :L Total : L-S									
	Priority of the Project: 1									
Objective (1)Establishment of main road network in Paraguay										
Expected Effect Improvement of mobility at regional level by increasing the use of land and constructing urban structure through addition to the road network.							Evaluation index Road extension by prefecture			
Pre-condition										
Relation with other projects and sectors					Related organization MOPC					
Major Plans					Longitude (km)	Project Cost (Million Dollars)		Duration	Remarks	
(1) Phase I						17.04		2001-2003		
(2) Phase II						37.08		2004-2006		
(3) Phase III						49.47		2007-2010		
(4) Phase IV						123.68		2011-		
Total						227.30				
Existing plan Concepción-Vallemi					180.00	19,000 Million guaranies		2001-2003	LOCAL	
C O S T S		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	5,680	5,680	5,680	12,360	12,360	12,360	49,470	123,680	227,300
	Public Sector	5,680	5,680	5,680	12,360	12,360	12,360	49,470	123,680	227,300
	Private Sector									
	Import	2,920	2,920	2,920	6,360	6,360	6,360	25,470	63,690	117,000

Program No. T.3	Program title Improvement of transport infrastructure supporting distribution									
Project No. T.3.2	Project title Local road(farm road)improvement project									
Project location Nationwide	Target beneficiaries Road users, residents along the roads					Project duration 2001 - 2006				
Executing Agency Prefecture	Importance of the Project Effectiveness : M Efficiency : S Immediate effectiveness :M Repercussion :L Total : L-S									
	Priority of the Project : 1									
Objective (1) Improvement of roads used day-to-day (2) Farm road improvement										
Expected Effect Social and economic activation of the region						Evaluation index Extension of roads by prefecture				
Pre-condition										
Relation with other projects and sectors					Related organization Cities, towns and villages					
Major Plans					Project Cost (Million Dollars)		Duration		Remarks	
(1) Phase I					33.75		2001-2003			
(2) Phase II					73.44		2004-2006			
(3) Phase III					97.94		2007-2010			
(4) Phase IV					244.87		2011-			
Total					450.00					
C O S T S		2001	2002	2003	2004	2005	2006	2007- 2010	2011- 2020	Total
	Total	11,250	11,250	11,250	24,480	24,480	24,480	97,940	244,870	450,000
	Public Sector	11,250	11,250	11,250	24,480	24,480	24,480	97,940	244,870	450,000
	Private Sector									
	Import	5,790	5,790	5,790	12,600	12,600	12,600	50,430	126,090	231,690

Program No. T-4	Program title Program for decentralization of infrastructure improvement		
Project No. T-4.2	Project title Project on division of road administration		
Project location Nationwide	Target beneficiaries Road users	Project duration 2001 - 2003	
Executing Agency MOPC/Prefecture/City	Importance of the Project		
	Effectiveness : S Efficiency : L Immediate effectiveness : L Repercussion :L Total : L Priority of the Project: 1		
Objective (1) Decentralization of control and assignment of administrative tasks to prefectures and cities due to the difficulty for MOPC to control all National Road, which are over 20,000 km. (2) Elaboration of the future road network plan and its functional classification. (3) Studies of division of road administration by region and by function.			
Expected Effect The decentralization of control will provide a high quality of road maintenance and administration, assuring transportation stability.		Evaluation index	
Pre-condition			
Relation with other projects and sectors T-4.3		Related organization STP, Ministry of Finance	
Major Plans	Main investment resources		
	Material and equipment	Personnel	Costs
(1) Definition of the functional classification of roads		5 people	
(2) Definition of the administrative classification		5 people	
(3) Definition the budget partition		5 people	
Total			
Duration			
			2001
			2002-2003
			2002-2003

Program No. T-4	Program title Program for decentralization of infrastructure development			
Project No. T-4.3	Project title Project for establishment of road planning department in prefecture			
Project location Nationwide	Target beneficiaries Road users		Project duration 2001 - 2003	
Executing Agency Prefecture	Importance of the Project			
	Effectiveness : S Efficiency : L Immediate effectiveness : L Repercussion :L Total : L Priority of the Project: 1			
Objective Promotion of employee training and establishment of road planning department in each prefecture as a receptor organization of the decentralization of infrastructure improvement tasks.				
Expected Effect Due to the possibility of elaborating regional road planning in each prefecture, it shall be possible to promote road improvement taking into consideration local characteristics.			Evaluation index The number of prefecture that established a road planning department.	
Pre-condition It must take into consideration the proposal of dividing MOPC. The budget shall be settled by project T-4.2 .				
Relation with other projects and sectors T-4.2		Related organization STP, MOPC		
Major Plans	Main investment resources			Duration
	Material and equipment	Personnel	Costs	
(1)Establishment of the law that determines the powers of the organizations in the prefecture.		2 people		2001-2002
(2)Training system to develop technicians in the prefecture. Training system Acceptance of specialists		5 people		2002-
Total				

Program No. T-6	Program title Program for strengthening transport infrastructure maintenance and administration			
Project No. T-6.1	Project title Project on elaboration of administrative standards			
Project location Nationwide	Target beneficiaries Transport infrastructure users	Project duration 2001 - 2003		
Executing Agency MOPC, ANNP	Importance of the Project Effectiveness: S Efficiency: L Immediate effectiveness: L Repercussion: L Total : L			
	Priority of the Project: 2			
Objective (2) Establishment of administrative standards to always provide the use of an improved transport infrastructure in a safe and smooth way. (3) Preparation of the structure (data collection, analysis, system), preservation techniques, and equipment in order to maintain and administrative standards.				
Expected Effect The maintenance of administrative standards shall increase the reliance on transport routes, giving more stability to passenger and freight movement. The decrease of loss in operating cost shall reduce transportation cost and provide more stability of market supply, thus increasing the reliance on products.			Evaluation index The number of places with transportation difficulty.	
Pre-condition Comparison with international standards Establishment of administrative standards according to the road functions Studies of task assignment to a third party for maintenance and administration				
Relation with other projects and sectors		Related organization Road administrators of each prefecture and city		
Major Plans	Main investment resources			Duration
	Material and equipment	Personnel	Costs	
(1)Elaboration of the road administrative standards	Equipment for administration	2 people	15	2001
(2)Construction of the road administrative system		5 people		2002-2003
(3)Elaboration of port/waterway administrative standards	GIS software Digital bathymetric map	2 people	15	2001
(4)Establishment of port/waterway control register		5 people		2002-2003
(5)Port/waterway administrative system		5 people		2002-2003
Total			15	

C O S T S		2001	2002	2003	2004	2005	2006	2007-2010	Total
	Total		15						15
	Public Sector		15						15
	Private Sector								
	Import		15						15

Program No. H.2	Program title Assisting agricultural high schools in Paraguay										
Project No. H.2.1	Project title Educational improvement of agricultural high schools in Paraguay										
Project location Project areas are to be selected by Paraguayan Government	Target beneficiaries Students of the Agricultural high school Industries where the graduates are hired					Project duration 2001-2004					
Executing agency MEC	Importance of the Project Effectiveness : L Efficiency : M Immediate Effectiveness : L Repercussion : L Total : L										
	Priority of the project: 1										
Objective											
<ul style="list-style-type: none"> To improve the quality of education (curriculum, materials, quality of instructors) of agricultural high school To secure the financial source for agricultural high school 											
Expected effect					Evaluation index						
<ul style="list-style-type: none"> Well-developed curriculum and materials that match with the needs of the labor market. Teachers' skills are updated. Agricultural high schools can secure its financial source, which allow them to update their facilities, equipment, and teaching materials periodically. 					<ul style="list-style-type: none"> Percentage increase of graduates who obtained job in the related industries. Percentage increase in average salary of the graduates Improved result in the survey (whether the skills of the graduates of the technical high school match with the labor market demand, etc) conducted for the companies who hired graduates 						
Pre-condition											
<ul style="list-style-type: none"> Change in the labor regulation (minimum wage, worker compensation, etc) 											
Relation with other projects and sectors					Related organizations MEC						
Major plan				Major resources					Duration		
				Materials and equipment	Human resources		Funds (unit: US\$1,000)				
(1) Evaluate the present situation of agricultural high schools, analyze the problems, and propose solutions to the problem.				Hall, Trans- portation, Materials & Equipment	2		400 (Human resource)			2001-2002	
(2) Develop the model (curriculum, materials, upgrading teachers' skill) through pilot project.					3		800 (Other costs)			2002-2003	
(3) Make guidelines for curriculum making, materials to be used, and teacher training program.					1					2003-2004	
Total					5 (6)		1,200				
Costs			2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total		400	400	400						1,200
	Public Sector		400	400	400						1,200
	Private Sector										0
	Necessary Import										0

Program No. F.1	Program title Stabilizing and rationalizing banking operations										
Project No. F.1.1	Project title Simplification of loan procedures										
Project location Nationwide	Target beneficiaries Agricultural producers, entrepreneurs					Project duration 2001 – 2002					
Executing agency Public financial institutions	Importance of the Project Effectiveness : M Efficiency : L Immediate Effectiveness : L Repercussion : L Total : L										
	Priority of the project: 1										
Objective <ul style="list-style-type: none"> To reduce cases of inability to receive loans due to cumbersome loan procedures To assist productive activities by timely implementation of loans To reduce loss of time in financing and enhance efficiency of the use of funds 											
Expected Effect <ul style="list-style-type: none"> Expansion of the base of beneficiaries, enhancement of productivity. 					Evaluation index The number of loans provided, total amount loaned						
Pre-condition <ul style="list-style-type: none"> Review existing loan laws and regulations 											
Relation with other projects and sectors					Related organizations MH, BCP						
Major plan				Major resources						Duration	
				Materials and equipment		Human resources		Costs (US\$1,000)			
(1) Preparation of loan manuals								100		2001	
(2) Education and training of loan officers								200		2001 – 2002	
(3) Review of loan laws and regulations								100		2001	
(4) Investment in equipment								500		2001 – 2002	
Total								900			
C o s t s			2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total		550	350							900
	Public Sector		550	350							900
	Private Sector										
Necessary Import											

Program No. F.3	Program title Export financing									
Project No. F.3.2	Project title Introduction of a system of export insurance and rediscount of export bills									
Project location Major Cities	Target beneficiaries Export companies, financial institutions					Project duration 2001-2003				
Executing agency MIC, PROPARAGUAY	Importance of the Project Effectiveness : L Efficiency : M Immediate Effectiveness : M Repercussion : L Total : L									
	Priority of the project: 1									
Objective <ul style="list-style-type: none"> To activate export oriented productive activities by reducing export risks and accelerating recovery of the proceeds through introduction of a system for export insurance and rediscount of export bills 										
Expected Effect <ul style="list-style-type: none"> Promotion of exports. Increase in export related production. 					Evaluation index Export amount, number of cases of export insurance and the amount.					
Pre-condition <ul style="list-style-type: none"> Financial support by international financial institutions 										
Relation with other projects and sectors					Related organizations MH, BCP					
Major plan				Major resources					Duration	
				Materials and Equipment	Human resources		Costs (US\$1,000)			
(1) Investigation of the system (cases)							100		2001	
(2) Financing plan							50		2001	
(3) Education and training of the staff in charge							300		2001-2003	
(4) Preparation of related laws and regulations							100		2001	
Total							550			
C o s t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	350	100	100						550
	Public Sector	350	100	100						550
	Private Sector									
	Necessary Import									

Program No. F.5	Program title Strengthening self-financing ability									
Project No. F.5.1	Project title Assistance for organization of cooperatives									
Project location Nationwide	Target beneficiaries Small and medium producers (agriculture, industry)					Project duration 2001-2003				
Executing agency INCOOP, MAG	Importance of the Project Effectiveness : M Efficiency : L Immediate Effectiveness : M Repercussion : L Total : L									
	Priority of the project: 1									
Objective										
<ul style="list-style-type: none"> Under the current situation, most small and medium producers find it difficult to obtain bank loans because of insufficient collateral to offer. The objective is to encourage and support small and medium producers to organize cooperatives for mutual financing 										
Expected Effect					Evaluation index					
<ul style="list-style-type: none"> Activation of local economies. 					Number of cooperatives organized					
Pre-condition										
Relation with other projects and sectors					Related organizations MH					
Major plan				Major resources					Duration	
				Materials and Equipment	Human resources		Costs (US\$1,000)			
(1) Strengthening of consultancy function							500		2001-2003	
(2) Seminars and campaigns							450		2001-2003	
Total							950			
C o s t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	450	250	250						950
	Public Sector	450	250	250						950
	Private Sector									
	Necessary Import									

Program No. Q.1	Program title Establishing certification system									
Project No. Q.1.1	Project title Institution building of ONA									
Project location All areas	Target beneficiaries ONA					Project duration 2001 - 2006				
Executing agency STP ONA, CONACYT	Importance of the Project Effectiveness: S Efficiency : L Immediate effectiveness: M Repercussion: L Total : L									
	Priority of the Project : 1									
Objective <ul style="list-style-type: none"> • Establishment of accreditation and certification system that can conform to MERCOSUR standards • Formulation of implementation program based on cooperation with INMETRO • Inter recognition between ONA and MERCOSUR • Recognition of national accreditation and certification system • Strengthening of ONA 										
Expected effect <ul style="list-style-type: none"> • Promotion for exportation of Paraguay products to MERCOSUR • Insurance for reliability of Paraguay products 							Evaluation index Accreditation of national certification institutions			
Pre-condition										
Relation with other projects and sectors					Related organizations MIC, CONACYT, APC					
Major plan			Major resources						Duration	
			Materials and equipment		Human resources		Costs (US\$1,000)			
(1) Formulation of an Implementation program					1 Person		200		2001	
(2) Accreditation of laboratories by the Cooperation with INMETRO							200		2001-2006	
(3) Training of the staff							300		2001-2006	
Total							700			
C o s t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	320	150	80	50	50	50			700
	Public Sector	320	150	80	50	50	50			700
	Private Sector					s				
	Necessary Import									0

Program No. Q.2	Program title Strengthening testing and inspection laboratories										
Project No. Q.2.1	Project title Consolidation of INTN										
Project location	Target beneficiaries Manufactures, Consumers					Project duration 2001 - 2006					
Executing agency INTN	Importance of the Project Effectiveness: M Efficiency : L Immediate effectiveness: M Repercussion: L Total : L										
	Priority of the Project : 1										
Objective											
<ul style="list-style-type: none"> • Accreditation as a national certification system that can conform to MERCOSUR standard • Formulation of an implementation program based on cooperation with INMETORO, about measuring system except for field of mass. 											
Expected effect							Evaluation index				
<ul style="list-style-type: none"> • Promotion for exportation of Paraguay products to MERCOSUR • Insurance for reliability of Paraguay products 							Recognition of ONA				
Pre-condition											
Relation with other projects and sectors Q-1,1 Institution building of ONA					Related organizations CONACYT, ONA, Economic organizations						
Major plan			Major resources						Duration		
			Materials And Equipment		Human resources		Costs (US\$1,000)				
(1) Formulation of an implement program							300		2001		
(2) Training of INTN staff							200		2001-2006		
(3) Equipment and instrumentation							1,000		2002		
Total							1,500				
C o s t s			2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total		360	460	320	320	20	20			1,500
	Public Sector		360	460	320	320	20	20			1,500
	Private Sector										
Necessary Import			400	300	300					1,000	

Program No. P.1	Program title Simplifying export procedures									
Project No. P.1.1	Project title Export procedures simplification									
Project location Nationwide	Target beneficiaries Exporting companies and Companies that want to start Exporting					Project duration 2001-2002				
Executing agency Customs	Importance of the Project Effectiveness : S Efficiency : L Immediate effectiveness : L Repercussion : M Total : L									
	Priority of the Project: 2									
Objective										
<ul style="list-style-type: none"> To reduce the burden of paperwork for a company that accompany that seeks export registration an to increase the number of companies registered as exporters. To increase trade margin and price competitiveness by prompting companies depending on indirect trade to start direct trade in hopes of export expansion. 										
Expected effect						Evaluation index				
<ul style="list-style-type: none"> Increase in the number of registered exporters and the amount of export 						The number of registered exporters				
Pre-condition										
Relation with other projects and sectors Industrial sector					Related organizations Ministry of Finance, MAG, MIC, PROPARAGUAY					
Major plan				Major resources						Duration
				Materials and equipment		Human resources		Costs (US\$1,000)		
(1) to identify the overlap of current export registration procedures and to formulate policy								20		2001
(2) to draft detailed rules of procedure simplification								20		2001
(3) to revise related laws and regulations								20		2002
(4) Publicity								40		2002
Total								100		
C o s t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	40	60							100
	Public Sector	40	60							100
	Private Sector									
	Necessary Import									

Program No. P.1	Program title Simplifying export procedures										
Project No. P.1.3	Project title IVA refund procedures simplification										
Project location Nationwide	Target beneficiaries Exporting companies					Project duration 2001-2003					
Executing agency Ministry of Finance	Importance of the Project Effectiveness : S Efficiency : L Immediate effectiveness : L Repercussion : M Total : L										
	Priority of the Project: 2										
Objective											
<ul style="list-style-type: none"> To promote positive approach to export by resolving the problem that companies sometimes do not get their IVA refund, or the refund in very late. To seek for increase in export by strengthening competitiveness of exporting companies through complete enforcement of IVA refund. 											
Expected effect							Evaluation index				
<ul style="list-style-type: none"> Increase in export amount 							Refund period				
Pre-condition											
<ul style="list-style-type: none"> Revision of laws and regulations related to customs and export procedures 											
Relation with other projects and sectors						Related organizations Customs, PROPARAGUAY					
Major plan				Major resources						Duration	
				Materials and equipment		Human Resources		Costs (US\$1,000)			
(1) to review IVA in connection with export								20		2001-2002	
(2) to revise related laws and regulations								20		2003	
(3) publicity								60		2003	
Total								100			
Costs			2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total		10	10	80						100
	Public Sector		10	10	80						100
	Private Sector										
Necessary Import											

Program No. E.1	Program title Cultivating export markets									
Project No. E.1.1	Project title Cultivation of market for differentiated products									
Project location Nationwide	Target beneficiaries Producers, exporters					Project duration 2001-2006				
Executing agency PROPARAGUAY, MRE	Importance of the Project Effectiveness : L Efficiency : M Immediate effectiveness : M Repercussion : L Total : L									
	Priority of the Project: 1									
Objective <ul style="list-style-type: none"> To discover or develop differentiated products for specific markets based on export market surveys, and promote exports 										
Expected effect <ul style="list-style-type: none"> Expansion of export market 					Evaluation index Export amount, the number of differentiated products					
Pre-condition <ul style="list-style-type: none"> Better use of existing resources, differentiation 										
Relation with other projects and sectors					Related organizations MIC, MAG, industry associations					
Major plan				Major resources						Duration
				Materials and equipment		Human resources		Costs		
(1) Export market survey								600		2001-2002
(2) Development of differentiated products								1200		2001-2006
(3) Sales campaign for export markets								1000		2001-2006
Total								2800		
Costs		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	500	700	400	400	400	400			2800
	Public Sector	500	700	400	400	400	400			2800
	Private Sector									
	Necessary Import									

Program No. E.2	Program title Improving the trade related information system										
Project No. E.2.1	Project title Establishment of a trade information network through the internet										
Project location Nationwide	Target beneficiaries Exporters					Project duration 2001-2003					
Executing agency PROPARAGUAY	Importance of the Project Effectiveness : M Efficiency : M Immediate effectiveness : M Repercussion : L Total : L										
	Priority of the Project: 1										
Objective <ul style="list-style-type: none"> By establishing a trade information network connecting domestic producers and exporters with overseas networks, such as embassies and consulates, through Paraguay's Web Site, we can eliminate the information gap between them and promote exports 											
Expected effect <ul style="list-style-type: none"> Export promotion, development of export products 							Evaluation index Export amounts, the number of times the web is accessed				
Pre-condition <ul style="list-style-type: none"> Use existing facilities as much as possible 											
Relation with other projects and sectors					Related organizations MIC, MAG, MRE, industry associations						
Major plan				Major resources						Duration	
				Materials And Equipment		Human resources		Costs			
(1) Survey of information needs of parties related to trade								100	2001		
(2) Plan for improvement of website								200	2001		
(3) Campaign for better use of the information network								150	2001-2002		
Total								450			
C O S T S			2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total		400	50							450
	Public Sector		400	50							450
	Private Sector										
Necessary Import											

Program No. D.1	Program title Promoting foreign direct investment									
Project No. D.1.1	Project title Maquiladora									
Project location Nationwide	Target beneficiaries Maquiladora					Project duration 2001 - 2004				
Executing agency STP/MIC	Importance of the Project Effectiveness: L, Efficiency: M, Immediate effectiveness: L, Repercussion: M, Total: L									
	Priority of the Project: 1									
Objective <ul style="list-style-type: none"> • Enforcement of Maquiladora Law • Installment of business condition and environment to support Maquiladoras • Construction and administration of industrial park, with work shop 										
Expected effect <ul style="list-style-type: none"> • Opportunity to promote • FDI, increasing employment, technical transfer 						Evaluation index Effectiveness Number of invited enterprise				
Pre-condition <ul style="list-style-type: none"> • Promotion of privatization / reconsideration of Law60/90, reconsideration of Labor law and labor institution 										
Relation with other projects and sectors Industrial sector					Related organizations MRE					
Major plan			Major resources						Duration	
			Materials and equipment		Human resources		Costs (US\$1,000)			
(1) Dispatching specialist to diffuse Maquiladora					1 person (expert MIC)		400		2001-2003	
(2) Fostering human resource to strengthen FDI promotion institution (using BSC)					3 (expert)		500		2002-2004	
(3) Dispatching specialist to install IP, and to transfer technology			Installment of Workshop Structure		5 (expert MIC)		3,900 2,100		2001-2004	
(4) Construction of industrial park							3,300		2001-2003	
Total							10,200			
C o s t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	1,800	3,400	3,100	1,900					10,200
	Public Sector	700	2,300	2,000	1,900					6,900
	Private Sector	1,100	1,100	1,100						3,300
	Necessary Import		1,200	1,200	1,200					3,600

Program No. L.1	Program title Mixed feed cluster									
Project No. L.1.1	Project title Plant investment promotion									
Project location Alto Paraná	Target beneficiaries Stock rising farmer, mixed feed plant, meat processing plant					Project duration 2001-2003				
Executing agency MIC	Importance of the Project Effectiveness : M Efficiency : L Immediate effectiveness : M Repercussion : L Total : L									
	Priority of the Project: 1									
Objective										
<ul style="list-style-type: none"> To promote new investment on mixed feed plants and meat processing plants (2)To expand the upper stream market by investing in the downstream sector 										
Expected effect						Evaluation index				
<ul style="list-style-type: none"> Expansion of exports with higher value added by promoting stock rising industry 						The number of new investments in mixed feed plants, meat processing plants, the amount of livestock products exported				
Pre-condition										
Relation with other projects and sectors					Related organizations MIC, MAG, PROPARAGUAY					
Major plan			Major resources						Duration	
			Materials and equipment		Human Resources		Costs (US\$1,000)			
(1) formulate investment promotion program							20		2001	
(2) revise related laws and regulations							20		2002	
(3) Publicity							60		2002-2003	
Total							100			
C o s t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	20	50	30						100
	Public Sector	20	50	30						100
	Private Sector									
	Necessary Import									

Program No. L.1	Program title Mixed feed cluster									
Project No. L.1.2	Project title Eradicate Newcastle disease and Pig pests									
Project location Nationwide	Target beneficiaries Chicken/pig farmers, mixed feed plants, meat processing plants					Project duration 2001-2004				
Executing agency MAG	Importance of the Project Effectiveness : S Efficiency : M Immediate effectiveness : L Repercussion : L Total : L									
	Priority of the Project: 1									
Objective <ul style="list-style-type: none"> To expand the exportable market of chicken and pork. To improve reliability of meat products 										
Expected effect <ul style="list-style-type: none"> Expansion of meat products 						Evaluation index Decline in Newcastle disease and Pig pest				
Pre-condition										
Relation with other projects and sectors					Related organizations					
Major plan				Major resources						Duration
				Materials and equipment		Human Resources		Costs (US\$1,000)		
(1) formulate the program to eradicate Newcastle disease and Pig pests								100	2001	
(2) implement the eradication program								3,000	2001-2003	
(3) lay groundwork for getting approval of neighboring countries								500	2002-2003	
(4) issue certificates								200	2004	
Total								3,800		
C O S t s		2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total	1,100	1,250	1,250	200					3,800
	Public Sector	1,100	1,250	1,250	200					3,800
	Private Sector									
	Necessary Import	800	800	800						2,400

Program No. V.1	Program title Vegetable cluster										
Project No. V.1.1	Project title Plant investment promotion										
Project location Nationwide	Target beneficiaries Vegetable farmers, vegetable Processors					Project duration 2001-2003					
Executing agency MIC	Importance of the Project Effectiveness : S Efficiency : L Immediate effectiveness : M Repercussion : L Total : L										
	Priority of the Project: 1										
Objective											
<ul style="list-style-type: none"> To support vegetable processing plants To expand the upper stream market by investing in the downstream sector 											
Expected effect						Evaluation index					
<ul style="list-style-type: none"> To ensure buyers of agricultural products, substitute for Imports 						The number of plants and investment in plant facilities					
Pre-condition											
Relation with other projects and sectors					Related organizations MAG						
Major plan				Major resources						Duration	
				Materials and equipment		Human Resources		Costs (US\$1,000)			
(1) formulate the investment promotion program								25		2001	
(2) revise related laws and regulations								25		2002	
(3) Publicity								50		2003	
Total								100			
C o s t s			2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total		25	75							100
	Public Sector		25	75							100
	Private Sector										
Necessary Import											

Program No. O.1	Program title Promoting implementation of the development strategy										
Project No. O.1.1	Project title Establishment of the organization to implement the development Strategy										
Project location Asunción and the cluster areas	Target beneficiaries All components of the cluster					Project duration 2001 -					
Executing agency STP	Importance of the Project Effectiveness : L Efficiency : M Immediate effectiveness : L Repercussion : L Total : L										
	Priority of the Project: 1										
Objective											
<ul style="list-style-type: none"> To promote the implementation of the development strategy To support the enlightenment/diffusion of promotion activities in order to implement the cluster strategy 											
Expected effect							Evaluation index				
<ul style="list-style-type: none"> Further understanding of the cluster, promotion of the make-up and smooth administration Implementation of the development strategy 							Number of the clusters formed plans implemented				
Pre-condition											
<ul style="list-style-type: none"> STP's initiative to start the program and coordinate the ministries and other parties concerned Private sector participation Maximum cooperation of the existing administrative organs 											
Relation with other projects and sectors Industrial sector					Related organizations						
Major plan			Major resources						Duration		
			Materials and equipment		Human Resources		Costs (US\$1,000)				
(1) Send the expert to enlighten (educate) the cluster in the region					1 person (expert STP)				2001-2006		
(2) Train the core person of the cluster to diffuse the cluster (6 trainees)					1 (expert STP)				2001-2006		
(3) Hold the seminars for diffusion of cluster			Hall, Transportation Other materials		7 (expert STP & Trainees)		240 (except human resources)		2001-2006		
(4) Post the experts / professionals in STP					5		1,920		2001-2006		
(5) Set up the team EDEP in STP					7				2001-		
Total					12 (21)						
C o s t s			2001	2002	2003	2004	2005	2006	2007-2010	2011-2020	Total
	Total		360	360	360	360	360	360	0	0	2,160
	Public Sector		340	340	340	340	340	340	0	0	2,040
	Private Sector		20	20	20	20	20	20	0	0	120
	Necessary Import										0