



Republika ng Pilipinas
PAMBANSANG PANGASIWAAN NG PATUBIG
(National Irrigation Administration)
EDSA, Diliman, Quezon City

YEAR-END REPORT TO THE PRESIDENT

2000

31 January 2001

Her Excellency
President Gloria Macapagal Arroyo
Malacañang Palace
J.P. Laurel St., Metro Manila

SUBJECT : Year-End Report of the
National Irrigation Administration

Dear Madam President:

I have the honor to submit the Year-End Report of the National Irrigation Administration for Calendar Year 2000.

Thank you for your support to Irrigation Development.

Respectfully yours,

CESAR E. GONZALES
Administrator

cc: The Secretary
Department of Agriculture

YEAR-END REPORT

TO THE

PRESIDENT

Republic of the Philippines
NATIONAL IRRIGATION ADMINISTRATION
Quezon City

December 31, 2000

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ABBREVIATIONS/ACRONYMS USED

AAISIP	-	Apayao-Abulog Irrigation Systems Improvement Project
ADB	-	Asian Development Bank
AIDP	-	Agri-Institutional Development Project
ARCDP	-	Agrarian Reform Community Development Project
ARISP	-	Agrarian Reform Infrastructure Support Project
BBMP	-	Balog-Balog Multi Purpose Project
B	-	Billion
BIP II	-	Bohol Irrigation Project II
BRISP	-	Bago River Irrigation System Improvement Project
BSPP	-	Balikatan Sagip Patubig Program
CAR	-	Cordillera Administrative Region
CARP-IC	-	Comprehensive Agrarian Reform Program – Irrigation Component
CIDP-II	-	Communal Irrigation Development Project II
CIP or CIS	-	Communal Irrigation Project or System
CMIPP-IC	-	Casecnan Multipurpose Irrigation and Power Project – Irrigation Component
C.O.	-	Central Office
CY	-	Calendar Year
DA	-	Department of Agriculture
DAR	-	Department of Agrarian Reform
FSDE	-	Feasibility Study and Detailed Engineering
GAA	-	General Appropriations Act
GARO	-	General Allotment Release Order

ha	-	hectare
IA	-	Irrigators' Association
IBRD	-	International Bank for Reconstruction and Development (The World Bank)
IFAD	-	International Fund for Agricultural Development
IOSP-II	-	Irrigation Operation Support Project II
ISIP	-	Irrigation Systems Improvement Project
JBIC	-	Japan Bank for International Cooperation (formerly Overseas Economic Cooperation Fund of Japan (OECF))
KIADP	-	Kabulnan Irrigation and Area Development Project
km	-	kilometer
LADP	-	Lower Agusan Development Project
M	-	Million
MRIIS	-	Magat River Integrated Irrigation Systems
MMIP	-	Malitubog-Maridagao Irrigation Program
MRDP	-	Mindanao Rural Development Project
NCA	-	Notice of Cash Allocation
NCAA	-	Non-Cash Availment Authority
NIA	-	National irrigation Administration
NIP or NIS	-	National Irrigation Project or System
O&M	-	Operation & Maintenance
PDDP-IC	-	Pampanga Delta Development Project-Irrigation Component
PIP	-	Pump Irrigation Project
RAAMPE	-	Rehabilitation of Affected Areas of Mt. Pinatubo Eruption

RDPP	-	Rural Development Pilot Project for Muslim Mindanao Peace Promotion
REGPP	-	Repair/Establishment of Groundwater Pump Project
rehab	-	rehabilitation
RIP or RIS	-	River Irrigation Project or System
SARO	-	Special Allotment Release Order
SEC	-	Securities and Exchange Commission
SPISP	-	Southern Philippines Irrigation Sector Project
SRIP	-	Small Reservoir Irrigation Project
SRMP-IC	-	San Roque Multipurpose Project – Irrigation Component
TGISRP	-	Tarlac Groundwater Irrigation Systems Reactivation Project
UPRIIS	-	Upper Pampanga River Integrated Irrigation Systems
VCIPP	-	Visayas Communal Irrigation and Participatory Project
WRDP	-	Water Resources Development Project

EXECUTIVE SUMMARY

The agency continued the implementation of thirteen foreign-assisted national projects, thirteen locally-funded projects and the irrigation component of CARP, ARISP, ARCDP and MRDP. Other activities are the repair and rehabilitation of national and communal systems; organization and development of irrigators' associations and project preparation activities.

The new foreign projects were: (1) the Second Bohol Irrigation Project which is partly financed by Japan Bank for International Cooperation (JBIC) and will generate some 4,600 ha of new areas and rehabilitate some 800 ha in existing irrigation systems in three municipalities of Bohol; (2) Rural Development Pilot Project for Muslim Mindanao Peace Promotion which is proposed under the grant aid program of Japan International Cooperation Agency and will generate 3,500 ha of new areas in three municipalities of Lanao del Sur; (3) San Roque Multipurpose Project – Irrigation Component which is proposed for loan assistance under JBIC and will generate 23,700 ha of new areas and rehabilitate 47,100 ha of existing irrigation systems in various municipalities of Pangasinan and Tarlac; (4) Southern Philippines Irrigation Sector Project (SPISP) – an ADB-assisted project covering Iloilo, Negros Occidental and Negros Oriental in the Visayas region and Agusan del Norte, Agusan del Sur and Lanao del Sur in the Mindanao region. The SPISP involved the construction of four SRIP in the Visayas region and the construction/ rehabilitation of national and communal irrigation systems in the three provinces in Mindanao.

The CY 2000 program included the: generation of 44,363 ha; rehabilitation of 192,970 ha; repair/rehabilitation of 1,060 km of drainage and flood protection systems; construction, repair/rehabilitation of 2,090 km of

farm-to-market roads in NIS; strengthening of 1,840 IA; conduct of feasibility studies and detailed engineering design; construction of dams and the sustenance of the O&M of NIS.

As of December 2000 accomplishments were the generation of 11,086 ha and rehabilitation of 68,083 ha in existing irrigation systems, the repair of 221 km of drainage and flood protection systems and the repair of 615 km of service/access roads.

There were ninety-three IA organized in various irrigation systems covering 11,205 ha, eighteen IA in NIS covering 3,547 ha and seventy-five IA in CIS covering 7,658 ha. One thousand two hundred five IA were strengthened nationwide covering an area of 374,644 ha. One hundred fifteen IA were registered with the Securities and Exchange Commission (SEC). Five hundred forty-three new IA entered into contract with NIA to operate and maintain sections of NIS or to fully manage CIS while 824 IA renewed their contracts.

During the year, the feasibility studies/detailed engineering of three projects were completed. These projects were: the Muleta Reservoir Project, Tineg RIP and San Roque Multipurpose Project - IC. Also the feasibility studies of Malitubog-Libungan Transbasin Irrigation Project, Pila Reservoir Project and Rizal Irrigation Project were completed.

Irrigation Development for the year involved a funding requirement of ₱6.882B. The allotment releases as of December 2000 amounted to ₱6.950B. Correspondingly, cash and non-cash receipts (NCA/NCAA) amounted to ₱4.834B. Expenditures amounted to ₱6.661B.

In 1992, the implementation of locally-funded communal irrigation projects/systems were devolved to the Local Government Units (LGU). The LGU are primarily responsible in undertaking the rehabilitation works or they may request NIA to carry out some items of work where they lack the capability to undertake. In the spirit of the “devolution” and to augment the limited budget of LGU for their development project, the Balikatan Sagip Patubig Program (BSPP) was launched by the Department of Agriculture (DA) in Dec. 1999. The BSPP is a counterparting scheme among DA/NIA, LGU and IA for the repair and rehabilitation of CIS. DA initially allocated P100M for the program. As of December 31, 2000, some 168 LGU (46 provinces and 169 municipalities) and 408 IA have signed Memorandum of Agreement (MOA) with DA/NIA to carry out rehabilitation of some 467 CIS covering 31,544 ha.

The rehabilitation of 663 irrigation systems are now implemented under the BSPP. About 1,525 ha were rehabilitated as of the end of the year.

The Agency now manages 190 NIS nationwide with a total service area of 685,697. Area irrigated during the dry season (November 1999 to April 2000) was 468,679 or 97.42% of the programmed area of 481,068 ha. While during the wet season (May 2000 to October 2000), the area irrigated was 477,323 ha or 87.22% of the programmed area of 547,292 ha. The irrigated cropping intensity attained was 138 percent.

NIA provided adequate equipment for the construction, rehabilitation of existing irrigation and O&M activities. As of the end of the year, overall equipment operability of 85% was attained.

CY 2000 PROGRAM

Approved Program (P1,000)	
Foreign-Assisted Projects	3,444,892
Locally Funded Projects	2,917,150
Inter-Agency Projects	520,005
TOTAL	6,882,047

Releases (P1,000)	
Allotment	6,950,244
Cash/Non-cash Support	4,834,429
Obligation	6,661,130

Physical Status (ha)		
	Target	Actual
New	44,363	11,086
Rehab	192,970	68,083
Drainage (km)	1,060	221
Roads (km)	2,089	615
Irrigated Area (National Irrigation System)		
Wet Season	547,292	477,323
Dry Season	481,100	468,679

Table No. 1
SUMMARY OF PHYSICAL AND FINANCIAL STATUS
AS OF DECEMBER 31, 2000

<i>Project</i>	<i>Physical Status</i>			<i>Financial Status (P1,000)</i>				
	<i>Area (ha)</i>			<i>CY 2000 Program</i>	<i>January 1 - December 31, 2000</i>			
	<i>CY 2000 Target</i>	<i>Actual</i>	<i>Jan. 1- Dec. 31, 2000</i>		<i>Releases 1/</i>			
					<i>Allotment</i>	<i>Cash/ Non-Cash Support</i>	<i>Obligation 2/</i>	
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>	<i>(7)</i>	<i>(8)</i>	
I. REGULAR PROGRAM								
A. FOREIGN-ASSISTED PROJECTS (FAPs)								
1 Ongoing	New	14,757	4,442	(a)	2,846,160	2,846,160	314,712	2,057,037
	Rehab	32,213	23,913	(b)	30,000	30,000	-	87,046
	Restored Area, ha			(c)	-	-	571,464	635,588
	Wet Season	11,185	4,570	(d)	2,876,160	2,876,160	886,176	2,779,671
	Dry Season	12,150	11,864					
2 New	New	-	-	(a)	568,732	568,732	20,000	104,500
	Rehab	-	-	(b)	-	-	-	237,500
				(c)	-	-	170,507	-
				(d)	568,732	568,732	190,507	342,000
3 NCA Received and Obligation for FAPs (Lump Sum)				(a)	-	-	918,144	-
				(b)	-	-	-	4,433
				(c)	-	-	225,046	-
				(d)	-	-	1,143,190	4,433
TOTAL FOR FOREIGN-ASSISTED PROJECTS	New	14,757	4,442	(a)	3,414,892	3,414,892	1,252,856	2,161,537
	Rehab	32,213	23,913	(b)	30,000	30,000	-	328,979
	Restored Area, ha			(c)	-	-	967,017	635,588
	Wet Season	11,185	4,570	(d)	3,444,892	3,444,892	2,219,873	3,126,104
	Dry Season	12,150	11,864					
B. LOCALLY FUNDED PROJECTS (LFPs)								
1 Ongoing	New	5,813	3,179	(a)	1,246,424	1,221,424	72,833	1,111,368
	Rehab	7,137	979	(c)	-	-	58,453	126,728
	Irrigated Area, ha			(d)	1,246,424	1,221,424	131,286	1,238,096
	Wet Season	547,292	477,323					
	Dry Season	481,100	468,679					
2 Continuing Activities	New	300	-	(a)	300,165	295,304	-	1,347,467
	Rehab	50,476	31,181	(c)	-	-	-	139,392
	Drainage, km.	1,060	221	(d)	300,165	295,304	-	1,486,859
	Roads, km.	2,089	615					
3 El Nino	New	9,260	165	(a)	1,370,561	1,370,561		
	Rehab	94,015	6,323					
4 Allotment & NCA Received and Obligation for LFPs (Lump Sum)				(a)	-	-	1,304,910	-
				(c)	-	140,940	790,613	169,933
				(d)	-	140,940	2,095,523	169,933
TOTAL FOR LOCALLY FUNDED PROJECTS	New	15,373	3,344	(a)	2,917,150	2,887,289	1,377,743	2,458,835
	Rehab	151,628	38,483	(c)	-	140,940	849,066	436,053
	Drainage, km.	1,060	221	(d)	2,917,150	3,028,229	2,226,809	2,894,888
	Roads, km.	2,089	615					
	Irrigated Area, ha							
	Wet Season	547,292	477,323					
	Dry Season	481,100	468,679					
TOTAL FOR REGULAR PROGRAM	New	30,130	7,786	(a)	6,332,042	6,302,181	2,630,599	4,620,372
	Rehab	183,841	62,396	(b)	30,000	30,000	-	328,979
	Drainage, km.	1,060	221	(c)	-	140,940	1,816,083	1,071,641
	Roads, km.	2,089	615	(d)	6,362,042	6,473,121	4,446,682	6,020,992
	Restored Area, ha							
	Wet Season	11,185	4,570					
	Dry Season	12,150	11,864					
	Irrigated Area, ha							
	Wet Season	547,292	477,323					
	Dry Season	481,100	468,679					

Table No. 1
SUMMARY OF PHYSICAL AND FINANCIAL STATUS
AS OF DECEMBER 31, 2000

Project (1)	Physical Status Area (ha)			Financial Status (P1,000) January 1 - December 31, 2000			
	CY 2000 Target (2)	Actual Jan. 1- Dec. 31, 2000 (3)	CY 2000 Program (4)	Releases 1/			Obligation 2/ (8)
				Allotment (6)	Cash/ Non- Cash Support (7)		
II. CARRY-OVER PROJECTS							
A. FOREIGN-ASSISTED COMMUNAL IRRIGATION PROJECTS	New	-	551	(a)	-	-	-
	Rehab	-	1,097	(b)	-	-	-
				(c)	-	-	121,551
				(d)	-	-	121,551
B. BALIKATAN SAGIP PATUBIG PROGRAM	New	-	-	(a)	-	-	-
	Rehab	-	1,525	(b)	-	-	-
				(c)	-	100,000	100,000
				(d)	-	100,000	100,000
TOTAL FOR CARRY-OVER PROJECTS	New	-	551	(a)	-	-	-
	Rehab	-	2,622	(b)	-	-	-
				(c)	-	100,000	137,470
				(d)	-	100,000	137,470
III. INTER-AGENCY PROJECTS							
A. COMMUNAL IRRIGATION PROJECTS 1 Ongoing	New	14,233	2,749	(a)	520,005	377,123	215,159
	Rehab	9,129	3,065	(c)	-	-	51,037
				(d)	520,005	377,123	266,196
TOTAL FOR INTER-AGENCY PROGRAM	New	14,233	2,749	(a)	520,005	377,123	215,159
	Rehab	9,129	3,065	(c)	-	-	51,037
				(d)	520,005	377,123	266,196
TOTAL FOR IRRIGATION	New	44,363	11,086	(a)	6,852,047	6,679,304	2,845,758
	Rehab	192,970	68,083	(b)	30,000	30,000	-
	Drainage, km.	1,060	221	(c)	-	240,940	1,988,671
	Roads, km.	2,089	615	(d)	6,882,047	6,950,244	4,834,429
	Restored Area, ha						
	Wet Season	11,185	4,570				
	Dry Season	12,150	11,864				
	Irrigated Area, ha						
Wet Season	547,292	477,323					
Dry Season	481,100	468,679					

- Note: 1/ Includes cash and non-cash allotment and support releases from previous years' allocation.
2/ Includes actual obligations from carry-over balances.
(a) Current years' program, cash allotment and non-cash allotment and support releases and obligations.
Includes direct payment by lending institutions without NCAA.
(b) Other Sources
(c) Previous years' cash allotment and non-cash allotment and support releases and obligations.
Includes direct payment by lending institutions without NCAA.
(d) Total (a), (b) & (c).

PROJECT DEVELOPMENT

AND

IMPLEMENTATION

I. Implementation of Irrigation Projects

The agency continued the implementation of various projects under its regular program and inter-agency projects. Targets for CY 2000 included generation of 44,363 ha of new areas for irrigation, rehabilitation of 192,970 ha in existing irrigation systems, repair of 2,090 km of service/access roads and 1,060 km of drainage and flood protection systems in the national and communal systems.

Total amount programmed for irrigation for CY 2000 was ₱6.882B. The allotment received, as of December 2000 was ₱6.950B with corresponding cash/non-cash support of ₱4.834 B including releases for carry-over projects. Expenditures incurred amounted to ₱6.661B.

Correspondingly, accomplishments included the generation of 11,086 ha and rehabilitation/improvement of 68,083 ha in irrigation systems. The 615 km length of service/access roads and 221 km of drainage and flood protection system were also repaired.

The details of funding, targets and accomplishments under the regular program, inter-agency projects and carry-over projects are presented below:

1. Regular Program

The CY 2000 approved capital investment for NIA's regular program was ₱6.362B; ₱4.046B from GOP counterpart and ₱2.316B (\$56.49M) from proceeds of loans from IBRD, ADB, JBIC, and JICA grants.

Physical targets for CY 2000 included the generation of 30,130 ha, the rehabilitation of 183,840 ha, the repair of 2,090 km of service/access roads in NIS and the repair of 1,060 km of drainage and flood protection systems in the national and communal systems.

As of December 2000, allotment releases amounted to ₪6.473B. Correspondingly, cash/non-cash releases amounted to ₪4.447B. Expenditures were ₪6.021B which include carry-over funds from previous year's allotment.

Accomplishments included the generation of 7,786 ha, rehabilitation of 62,396 ha in existing irrigation systems, repair of 615 km of service/access roads in NIS and repair of 221 km of drainage and flood protection systems in NIS and CIS.

2. Carry-over Projects

a. Foreign-Assisted Projects

Two foreign-assisted communal projects, CIDP-2 and VCIPP, were not completed as scheduled in CY 1999 due to late releases of cash support.

As of December 2000, remaining works for thirty-five subprojects under CIDP-2 were completed. Actual accomplishments were the generation of 551 ha of new areas and rehabilitation of about 1,100 ha in existing systems.

For VCIPP, remaining works for five subprojects were also completed. One hundred seventy two ha were rehabilitated as of the end of the year.

The projects utilized the carryover fund balances in CY 1999.

b. Balikatan Sagip Patubig Program

In December 1999, BSPP was launched by DA. This is a counterparting scheme among DA/NIA, LGU and IA for the construction, repair and rehabilitation of CIP/CIS. DA allocated an initial allocation of P100M. Under the program, 169 LGU and 408 IA have signed MOA with DA/NIA to carry out rehabilitation of 663 CIS covering 47,090 ha.

As of December 2000, 1,525 ha were rehabilitated.

3. Inter-Agency Projects

In addition to the regular program, the agency continued the implementation of the following inter-agency projects:

- a. Comprehensive Agrarian Reform Program – Irrigation Component (CARP-IC) funded under DAR's Agrarian Reform Fund

CARP-IC Phase I was implemented in 1989 and to be completed in 1998. However, due to inadequate and late release of cash support, completion of the project was extended to 2001.

PROJECT DEVELOPMENT AND IMPLEMENTATION

For CY 2000, the project targeted 7,747 ha of new area for generation and 1,363 ha for rehabilitation.

Accomplishments as of the end of the year were the generation of 1,304 ha of new areas and rehabilitation of 500 ha. Low accomplishments were attributed to the late releases of funding support.

The project continued feasibility studies and detailed engineering activities in 67 CIP.

A total of forty-eight IA were strengthened having 14,698 farmer-beneficiaries. Trainings were conducted in 40 batches of the farmer-beneficiaries.

The CARP-IC Phase II, the extension of CARP-IC Phase I, was implemented in 1999. The project shall be completed in 2008 and will generate some 8,100 ha and rehabilitate 8,433 ha.

Targets for the year included generation of 3,062 ha of new areas and rehabilitation of 2,979 ha. Activities for the year, also included institutional development together with feasibility studies and detailed engineering studies.

Pre-engineering activities were conducted in 79 sub-projects.

Forty-three IA were organized and fifty-one IA were strengthened with 12,230 farmer – members. Trainings were conducted in 53 batches of 1,388 farmer-members.

PROJECT DEVELOPMENT AND IMPLEMENTATION

Allocation for the year for CARP-IC (Phase I and II) amounted to ₱200M.

- b. Agrarian Reform Infrastructure Support Project (ARISP) funded under JBIC

The project will undertake the infrastructure and institutional components. The infrastructure component deals with the construction of irrigation and drainage facilities and post-harvest facilities (PHF) to boost agricultural productivity and maximize benefits from agricultural production. Its institutional component deals with the formation of farmers into IA and cooperatives to build viable and self-sustaining communities.

For CY 2000, the project targeted the generation of 1,398 ha of new areas and rehabilitation of 2,746 ha in existing irrigation systems.

Activities for the year were implemented utilizing the carryover fund balances in the CY 1999 allocation.

As of the end of the year, 993 ha were generated, 1,336 ha were rehabilitated and seventeen units of PHF were completed. Pre-construction activities were completed in two CIP/CIS.

- c. Agrarian Reform Community Development Project (ARCDP) funded by the World Bank

ARCDP is a six-year development project, which involves the development of water resources for irrigation in Agrarian

Reform Communities (ARC) and support services and facilities to improve agricultural productivity and uplift the lives of farmer beneficiaries.

Targets for the year included the generation of 2,026 ha of new areas and rehabilitation of 1,423 ha in existing irrigation systems and pre-engineering activities in 36 CIP/CIS.

Accomplishments as of the end of the year were the generation of 316 ha of new areas and rehabilitation of 526 ha in existing irrigation systems.

Under its institutional development program, twenty-three IA were strengthened with 4,125 members and conducted trainings in twenty-eight batches of 916 farmers and in thirty nine batches of 715 staff members.

Allocation for the year amounted to ₱241 M. The releases as of the end of the year amounted to ₱181M with corresponding cash support of ₱132M . Expenditures incurred amounted to ₱1.919B.

- d. Mindanao Rural Development Project (MRDP) funded by the World Bank

The project aims to improve income and food security in the targeted rural communities in some provinces of Mindanao. It will irrigate 5,390 ha when fully operational.

Targets for the year included the rehabilitation of 620 ha in existing irrigation systems.

Allocation for the year amounted to ₱80M. No releases yet as of the end of the year.

II. Project Preparation Activities

The agency pursued pre-feasibility and feasibility studies of potential irrigation projects. Watershed studies were also pursued in collaboration with the Department of Environment and Natural Resources.

Allocation for the year for the activities amounted to ₱100M. Due to some realignment, the allotment releases as of the end of the year was ₱21.752M. Correspondingly, cash releases amounted to ₱20.817M. Obligations incurred amounted to ₱20.817M.

As of the end of the year, feasibility studies of three projects the Malitubog-Libungan Transbasin Irrigation Project, Pila Reservoir Project and Rizal Irrigation Project were completed. There are ongoing identification/investigation in various projects nationwide.

OPERATION

AND

MAINTENANCE

ACTIVITIES

I. Operation and Maintenance of National Irrigation Systems (NIS)

NIA operated and maintained 190 NIS under 107 responsibility centers nationwide with a total service area of about 685,800 ha.

The programmed area for irrigation this crop year is 1,028,360 ha. Irrigated area was 468,679 ha during the dry season (November 1999 to April 2000) and 477,323 ha during the wet season (May 2000 to October 2000). The cropping intensity attained was 138 percent.

II. Institutional Development Program

The organization and development of farmer-beneficiaries were continuously undertaken nationwide to facilitate implementation of irrigation development and management. Trainings were conducted to increase the capabilities of farmer-beneficiaries.

These activities are geared towards the turnover of management responsibilities of irrigation systems to IA, as provided in the AFMA.

As of December 2000, ninety-three and 1,205 IA were organized and strengthened, respectively, in NIS and CIS. One hundred fifteen IA were registered with the Securities and Exchange Commission (SEC).

A total of 543 IA contracted with NIA for the operation & maintenance of irrigation systems, while 824 IA renewed their contracts.

Basic Leadership Development and Financial Management & System Management Trainings were conducted in 43,459 irrigation beneficiaries.

Orientation Training was conducted in 1,320 staff-members.

III. Equipment Management

The agency satisfactorily maintained in operating condition 6,542 units of heavy light/transport, special and support equipment and irrigation pumps. A total of P55.581M was spent for the repair and maintenance of economically reparable equipment. Adequate operating equipment were provided in the field offices, nationwide, to support project construction, repair and rehabilitation of existing systems and O&M activities.

The sale through public auction of unserviceable equipment was continued to reduce further the unnecessary operating expenditures and to generate income. Equipment rental generation amounted to P304.865M as of the end of the year.

As of December 2000, an overall equipment operability of 85 percent was attained.

ANNEXES

APPROVED CAPITAL OUTLAY : CY 2000

<i>Project / Location / Date Started / Target Completion Date</i>	<i>Financial Program (P1,000)</i>			<i>Physical Targets (ha)</i>	
	<i>Local</i>	<i>Forex ^{1/}</i>	<i>Total</i>	<i>New</i>	<i>Rehab</i>
I. REGULAR PROGRAM					
A. FOREIGN-ASSISTED PROJECTS					
1) Ongoing					
1 Malitubog-Maridagao Irrigation Project North Cotabato and Maguindanao October 1989/December 2001	58,610	64,086	122,696	1,368	-
2 Kabunlan Irrigation and Area Development Project Maguindanao April 1992/December 2000		51,593	51,593	6,394	-
3 Irrigation Operation Support Project II Nationwide October 1993/December 2000	46,668	189,000	235,668	Restored Area, ha Wet Season Dry Season	11,185 12,150
4 Lower Agusan Development Project Agusan del Norte January 1996/June 2002	95,577	487,154 ^{2/}	582,731	1,000	-
5 Irrigation System Improvement Project II Northern Leyte January 1996/December 2002	55,204	100,269	155,473	200	2,000
6 Pampanga Delta Development Project-Irrigation Component Pampanga January 1992/October 2002	167,925	693,583 ^{2/}	861,508	1,500	-
7 Water Resources Development Project Nationwide March 1997/December 31, 2001	50,993	205,000	255,993	1,645	24,953
8 Casecnan Multipurpose Irrigation and Power Project - Irrigation Component Nueva Ecija, Bulacan & Pampanga October 1997/June 2004	175,048	300,000 ^{2/}	475,048	2,000	5,000
9 Tarlac Groundwater Irrigation System Reactivation Project Tarlac July 1997/December 2002	40,000	95,450	135,450	650	260

APPROVED CAPITAL OUTLAY : CY 2000

<i>Project / Location / Date Started / Target Completion Date</i>	<i>Financial Program (P1,000)</i>			<i>Physical Targets (ha)</i>	
	<i>Local</i>	<i>Forex ^{1/}</i>	<i>Total</i>	<i>New</i>	<i>Rehab</i>
2) New					
1 Bohol Irrigation Project II Bohol January 2000/December 2005	40,000	30,000	70,000	Pre-construction activities	
2 Southern Philippines Irrigation Sector Project Regions 6, 7, ARMM & 13 January 2000/December 2005	65,732	100,000	165,732	FS&DE and Pre-construction activities	
3 Rural Development Pilot Project for Muslim Mindanao Peace Promotion Lanao del Sur 2000-2001	15,000	-	15,000	Pre-construction and Basic Design	
4 San Roque Multipurpose Project - Irrigation Component Pangasinan & Tarlac 2000/2007	318,000	-	318,000	Feasibility Study & Detailed Engineering	
TOTAL FOR FOREIGN-ASSISTED PROJECTS	1,128,757	2,316,135	3,444,892	14,757 <i>Restored Area, ha</i> Wet Season Dry Season	32,213 11,185 12,150
B. Locally Funded Projects					
1) Ongoing					
1 Small Reservoir Irrigation Project January 1989/December 2001	250,000 <u>(66,264)</u> ^{3/} 183,736	-	250,000 <u>(66,264)</u> ^{3/} 183,736	690 1,350 ^{3/}	426 550 ^{3/}
2 Apayao-Abulog Irrigation Systems Improvement Project Apayao and Cagayan July 1996/December 2000	200,000 <u>(35,093)</u> ^{3/} 164,907	-	200,000 <u>(35,093)</u> ^{3/} 164,907	1,000	2,000
3 Addalam River Irrigation Project Quirino and Isabela March 1997/December 2001	175,000 <u>(31,918)</u> ^{3/} 143,082	-	175,000 <u>(31,918)</u> ^{3/} 143,082	Dam Construction	
4 Catubig Valley Irrigation Project Northern Samar September 1996/December 2001	45,000 <u>(31,596)</u> ^{3/} 13,404	-	45,000 <u>(31,596)</u> ^{3/} 13,404	-	625

APPROVED CAPITAL OUTLAY : CY 2000

Project / Location / Date Started / Target Completion Date	Financial Program (P1,000)			Physical Targets (ha)	
	Local	Forex ^{1/}	Total	New	Rehab
5 Dolores Irrigation Project Eastern Samar September 1996/December 2003	80,000 <u>(16,949)</u> ^{3/} 63,051	-	80,000 <u>(16,949)</u> ^{3/} 63,051	498	-
6 Basey Irrigation Project Samar November 1996/December 2004	20,000 <u>(14,814)</u> ^{3/} 5,186	-	20,000 <u>(14,814)</u> ^{3/} 5,186	15	-
7 Bubunawan Irrigation Project Bukidnon September 1996/December 2001	100,150 <u>(4,902)</u> ^{3/} 95,248	-	100,150 <u>(4,902)</u> ^{3/} 95,248	1,280	-
8 Balog-Balog Multi Purpose Irrigation Project Tarlac January 1999/December 2004	400,000 <u>(50,000)</u> ^{3/} 350,000	-	400,000 <u>(50,000)</u> ^{3/} 350,000	-	4,000
9 Subsidy for MOOE of NIS	145,000	-	145,000	Irrigated Area, ha Wet Season Dry Season	547,292 481,100
10 Itbayat Integrated Agricultural Development Project Batanes 1996-2001	17,000 <u>(287)</u> ^{3/} 16,713	-	17,000 <u>(287)</u> ^{3/} 16,713	150	-
11 Bago River Irrigation System Improvement Project	25,000	-	25,000	Urgent Repair Works	
12 Aulo Irrigation Project Nueva Ecija March 1995/December 2002	30,000 <u>(15,565)</u> ^{3/} 14,435	-	30,000 <u>(15,565)</u> ^{3/} 14,435	Dam Construction	
13 Repair/Establishment of Groundwater/Pump Project Nationwide 1996 - 2006	120,295	-	120,295	2,180 3,193 ^{3/}	86 1,878 ^{3/}
2) Continuing Activities					
1 Repair/Rehabilitation & Improvement of Drainage & Flood Protection System within NIS & CIS	100,000 <u>215,239</u> ^{4/} 315,239	-	100,000 <u>215,239</u> ^{3/} 315,239	Drainage, km. 2,098 ^{3/}	1,060 61,848 ^{3/}
2 Repair/Rehabilitation & Construction of Existing NIS and CIS	990,000 <u>(35,000)</u> ^{3/} <u>179,515</u> ^{4/} 1,134,515	-	990,000 <u>(35,000)</u> ^{3/} <u>179,515</u> ^{4/} 1,134,515	- 2,559 ^{3/}	50,476 29,739 ^{3/}

APPROVED CAPITAL OUTLAY : CY 2000

<i>Project / Location / Date Started / Target Completion Date</i>	<i>Financial Program (PI,000)</i>			<i>Physical Targets (ha)</i>	
	<i>Local</i>	<i>Forex</i> ^{1/}	<i>Total</i>	<i>New</i>	<i>Rehab</i>
3 Repair/Rehabilitation & Construction of Farm-to-Market Roads within NIS	100,000 <u>(15,868)</u> ^{3/} 84,132	-	100,000 <u>(15,868)</u> ^{3/} 84,132	Roads, km.	2,089
4 Feasibility Study and Detailed Engineering of Projects	100,000 <u>(78,248)</u> ^{3/} 21,752		100,000 <u>(78,248)</u> ^{3/} 21,752		
5 Agri-Institutional Development Project	30,000 <u>(18,545)</u> ^{3/} 11,455	-	30,000 <u>(18,545)</u> ^{3/} 11,455	IA Strengthened, no.	1,840
6 Pump Irrigation Projects	10,000	-	10,000	300 60 ^{3/}	-
TOTAL FOR LOCALLY FUNDED PROJECTS	2,937,445 (415,049) ^{3/} 394,754 ^{4/} 2,917,150		2,937,445 (415,049) ^{3/} 394,754 ^{4/} 2,917,150	6,113 9,260 ^{3/} drainage, km roads, km IA Strengthened, no. Irrigated Areas, ha Wet Season Dry Season	57,613 94,015 ^{3/} 1,060 2,089 1,840 547,292 481,100
TOTAL FOR REGULAR PROGRAM	4,066,202 (415,049) ^{3/} 394,754 ^{4/} 4,045,907	2,316,135 - - 2,316,135	6,382,337 (415,049) ^{3/} 394,754 ^{4/} 6,362,042	30,130 drainage, km roads, km IA Strengthened, no. Restored Area, ha Wet Season Dry Season Irrigated Areas, ha Wet Season Dry Season	183,841 1,060 2,089 1,840 11,185 12,150 547,292 481,100

APPROVED CAPITAL OUTLAY : CY 2000

<i>Project / Location / Date Started / Target Completion Date</i>	<i>Financial Program (P1,000)</i>			<i>Physical Targets (ha)</i>	
	<i>Local</i>	<i>Forex ^{1/}</i>	<i>Total</i>	<i>New</i>	<i>Rehab</i>
II. INTER-AGENCY PROJECTS					
1 Comprehensive Agrarian Reform Program Irrigation-Component (Phase I & II) Nationwide June 1989/December 2008	200,000	-	200,000	10,809	4,342
2 Agrarian Reform Infrastructure Support Project Nationwide 1998 - 2008	-	-	-	1,398	2,746
3 Agrarian Reform Community Development Project Nationwide 1997 - 2003	240,500	-	240,500	2,026	1,423
4 Mindanao Rural Development Project Sultan Kudarat, Compostela Valley Province, Maguindanao, Cotabato and Agusan del Sur 2000 - 2004	79,505	-	79,505	-	618
TOTAL FOR INTER-AGENCY PROJECTS	520,005	- -	520,005	14,233	9,129
	4,586,207	2,316,135	6,902,342	44,363	192,970
	(415,049) ^{3/}	-	(415,049) ^{3/}	drainage, km.	1,060
	394,754 ^{4/}	-	394,754 ^{4/}	roads, km.	2,089
TOTAL FOR IRRIGATION PROGRAM	4,565,912	2,316,135	6,882,047	IA Strengthened, no.	1,840
				Restored Area, ha	
				Wet Season	11,185
				Dry Season	12,150
				Irrigated Area, ha	
				Wet Season	547,292
				Dry Season	481,100

NOTE : ^{1/} Conversion Rate used: \$1.00 = P41.00^{2/} Unprogrammed Fund^{3/} Realigned to EL NINO^{4/} EL NINO Program

PHYSICAL AND FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
AS OF DECEMBER 31, 2000

Project	Irrigable Area (ha)	Physical Status				Overall Project Status (%)	Total Estimated Cost ('000)	Financial Status (P1,000)					
		Area (ha)			CY 2000 Target			CY 2000 Program	January 1 - December 31, 2000			Obligation 2/	Obligation to Date 2/
		Actual		Releases 1/					Allotment	Cash/ Non- Cash Support			
		January 1- Dec. 31, 2000	To Date										
I. FOREIGN-ASSISTED PROJECTS													
A. ONGOING													
1. MMIP	New	10,840	1,368	132	764	32.80	P 1,348,700 Y 4,867,000 TP 2,500,000	(a) 122,696 (b) - (c) - (d) 122,696	122,696 - - 122,696	- - - -	29,902 - 113,014 142,916	1,765,988	
2. KIADP	New	12,030	6,394	1,529	6,165	88.90	P 770,700 \$ 48,000 TP 1,998,600	(a) 51,593 (b) - (c) - (d) 51,593	51,593 - - 51,593	62,202 - 58,309 120,511	13,889 - 189,475 203,364	1,900,519	
3. IOSIP II	Restored Area, ha Wet Season Dry Season	82,958 83,725	11,185 12,150	4,570 11,864	76,343 83,439	82.22	P 592,254 \$ 51,300 TP 2,334,538	(a) 235,668 (b) - (c) - (d) 235,668	235,668 - - 235,668	12,581 - 141,463 154,044	148,447 35,591 49,922 233,960	2,119,062	
4. LADP	New Rehab	7,082 840	1,000 -	- -	- -	88.90	P 326,200 Y 4,040,000 TP 1,304,400	(a) 562,731 ^{5/} (b) 20,000 (c) - (d) 582,731	562,731 20,000 - 582,731	- - - -	415,957 22,696 24,515 463,168	1,132,429	
5. ISIP II	New Rehab	809 12,649	200 2,000	- 900	70 3,294	37.40	P 703,718 \$ 30,000 TP 1,883,347	(a) 155,473 (b) - (c) - (d) 155,473	155,473 - - 155,473	73,445 - 29,058 102,503	147,585 - 22,428 170,013	595,237	
6. PDDP-IC	New Rehab	6,939 3,331	1,500 -	270 -	1,346 ^{3/} 3,331 ^{3/}	80.50	P 870,700 Y 9,427,000 TP 3,407,700	(a) 851,508 ^{5/} (b) 10,000 (c) - (d) 861,508	851,508 10,000 - 861,508	72,144 - 90,400 162,544	777,629 20,078 71,287 868,994	2,337,259	
7. WRDP	New Rehab	3,125 62,646	1,645 24,953	353 19,973	408 ^{3/} 30,658 ^{3/}	50.80	P 478,600 \$ 48,300 TP 1,852,100	(a) 255,993 (b) - (c) - (d) 255,993	255,993 - - 255,993	82,656 - 133,107 215,763	193,766 - 144,813 338,579	1,009,507	

**PHYSICAL AND FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
AS OF DECEMBER 31, 2000**

Project	Irrigable Area (ha)	Physical Status					Overall Project Status (%)	Total Estimated Cost ('000)	Financial Status (P1,000)					Obligation to Date 2/	
		Area (ha)			CY 2000 Target	Actual			CY 2000 Program	January 1 - December 31, 2000			Obligation 2/		
		CY 2000 Target	Actual			Allotment				Releases 1/					
			January 1- Dec. 31, 2000	To Date						Cash/ Non- Cash Support	Obligation 2/				
8. CMIPP-IC	New Rehab	38,000	2,000	1,722	1,755	26.00	P	1,784,000	(a)	475,048 ^{5/}	475,048	-	254,811	1,057,892	
		20,000	5,000	3,000	3,000		Y	12,249,000	(b)	-	-	-	7,461		
							TP	3,495,900	(c)	-	-	82,781	8,081		
									(d)	475,048	475,048	82,781	270,353		
9. TGISRP	New Rehab	2,200	650	436	436	35.30	P	173,600	(a)	135,450	135,450	11,684	75,051	200,899	
		300	260	40	248		Y	1,887,000	(b)	-	-	-	1,220		
							TP	623,600	(c)	-	-	36,346	12,053		
									(d)	135,450	135,450	48,030	88,324		
Subtotal	New	81,025	14,757	4,442	10,944		P	7,048,472	(a)	2,846,160	2,846,160	314,712	2,057,037	12,118,792	
	Rehab	99,766	32,213	23,913	40,531		\$	177,600	(b)	30,000	30,000	-	87,046		
	Restored Area, ha						Y	32,470,000	(c)	-	-	571,464	635,588		
	Wet Season	82,958	11,185	4,570	76,343		TP	19,400,185	(d)	2,876,160	2,876,160	886,176	2,779,671		
	Dry Season	83,725	12,150	11,864	83,439										
B. NEW															
1. SRMP	New Rehab	23,700	Feasibility Study			3.08	TP	8,634,000	(a)	318,000	318,000	20,000	-	237,500	
		47,100	& Detailed Engineering						(b)	-	-	-	237,500		
									(c)	-	-	170,507	-		
									(d)	318,000	318,000	190,507	237,500		
2. BIP II	New Rehab	4,550	Pre-construction			1.60	P	748,000	(a)	70,000	70,000	-	22,008	22,008	
		750	Activities						Y	6,078,000	(b)	-	-		-
									TP	2,384,000	(c)	-	-		-
											(d)	70,000	70,000		-
3. SPISP	New Rehab	18,000	FSDE & Pre-Construction			0.25	P	2,324,700	(a)	165,732	165,732	-	81,742	81,742	
		-	Activities						\$	60,000	(b)	-	-		-
									TP	4,169,400	(c)	-	-		-
											(d)	165,732	165,732		-
4. RDPP	Rehab	3,500	Pre-Construction				TP	439,000	(a)	15,000	15,000	-	750	750	
			& Basic Design						(b)	-	-	-	-		
									(c)	-	-	-	-		
									(d)	15,000	15,000	-	750		
Subtotal	New	46,250					P	12,145,700	(a)	568,732	568,732	20,000	104,500	342,000	
	Rehab	51,350					\$	60,000	(b)	-	-	-	237,500		
							Y	6,078,000	(c)	-	-	170,507	-		
							TP	15,626,400	(d)	568,732	568,732	190,507	342,000		

PHYSICAL AND FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
AS OF DECEMBER 31, 2000

Project	Irrigable Area (ha)	Physical Status				Overall Project Status (%)	Total Estimated Cost ('000)	Financial Status (P1,000)					
		Area (ha)			CY 2000 Target			CY 2000 Program	January 1 - December 31, 2000			Obligation 2/	Obligation to Date 2/
		Actual		Releases 1/ Allotment					Cash/ Non- Cash Support	Obligation 2/			
		January 1- Dec. 31, 2000	To Date										
C. NCA Received and Obligation for FAPs (Lump Sum)								(a) - (b) - (c) - (d) -	- - 225,046 -	918,144 - - 1,143,190	- 4,433 - 4,433	4,433	
TOTAL FOR FOREIGN-ASSISTED PROJECTS	New 127,275 Rehab 151,116 Restored Area, ha Wet Season 82,958 Dry Season 83,725	14,757 32,213	4,442 23,913	10,944 40,531		P 19,194,172 \$ 237,600 Y 38,548,000 TP 35,026,585	(a) 3,414,892 (b) 30,000 (c) - (d) 3,444,892	3,414,892 30,000 - 3,444,892	1,252,856 - 967,017 2,219,873	2,161,537 328,979 635,588 3,126,104	12,465,225		
II. LOCALLY FUNDED PROJECTS													
A) Ongoing													
1. Small River Irrigation Project	New 68,118 Rehab 2,225 New Rehab	690 426 1,350 550	425 117 - -	6,548 ^{3/} 5,286 ^{3/} - -	18.60	TP 7,690,810	(a) 139,336 44,400 ^{6/} (c) - (d) 183,736	139,336 44,400 ^{6/} - 183,736	- - - -	150,016 5,742 155,758	1,196,325		
2. AAISIP	New 6,465 Rehab 10,535	1,000 2,000	- -	- 500	54.30	TP 850,000	(a) 164,907 (c) - (d) 164,907	164,907 - 164,907	- 15,629 15,629	152,888 429 153,317	534,756		
3. Addalam River Irrigation Project	New 5,830	Dam Construction			13.10	TP 993,994	(a) 143,082 (c) - (d) 143,082	143,082 - 143,082	- - -	98,149 8,792 106,941	195,053		
4. Catubig Valley Irrigation Project	New 950 Rehab 1,010	- 625	- 15	250 400	56.60	TP 223,400	(a) 13,404 (c) - (d) 13,404	13,404 - 13,404	- - -	11,915 965 12,880	107,915		
5. Dolores Irrigation Project	New 1,629 Rehab 500	498 -	50 -	445 500	33.75	TP 560,000	(a) 63,051 (c) - (d) 63,051	63,051 - 63,051	72,833 - 72,833	62,880 841 63,721	177,880		
6. Basey Irrigation Project	New 3,000	15	15	15	9.10	TP 700,500	(a) 5,186 (c) - (d) 5,186	5,186 - 5,186	- - -	5,186 7,447 12,633	82,186		
7. Bubunawan Irrigation Project	New 2,000	1,280	-	-	70.49	TP 291,000	(a) 95,248 (c) - (d) 95,248	95,248 - 95,248	- - -	93,519 39 93,558	242,519		

**PHYSICAL AND FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)**

AS OF DECEMBER 31, 2000

Project	Irrigable Area (ha)	Physical Status				Overall Project Status (%)	Total Estimated Cost ('000)	Financial Status (P1,000)					Obligation to Date 2/
		Area (ha)			CY 2000 Target			CY 2000 Program	January 1 - December 31, 2000			Obligation 2/	
		Actual		Allotment					Releases 1/				
		January 1- Dec. 31, 2000	To Date						Cash/ Non- Cash Support				
8. BBMP	New Rehab	25,269 13,881	- 4,000	- 332	- 332	3.80	TP 12,028,400	(a) 350,000 (c) - (d) 350,000	350,000 - 350,000	- 42,824 42,824	277,587 77,008 354,595	577,527	
9. Subsidy for MOOE of NIS	Irrigated Area, ha Wet Season Dry Season		547,292 481,100	477,323 468,679	477,323 468,679		TP 145,000	(a) 145,000 (c) - (d) 145,000	145,000 - 145,000	- - -	142,717 11,433 154,150	287,717	
10. Itbayat Integ'd Agricultural Dev't. Project	New	200	150	-	-	35.12	TP 132,600	(a) 16,713 (c) - (d) 16,713	16,713 - 16,713	- - -	16,702 - 16,702	105,702	
11. BRISIP	New Rehab	2,500 12,700	Urgent Repair Works				TP 130,000	(a) 25,000 (c) - (d) 25,000	- - -	- - -	- - -	-	
12. Aulo Irrigation Project	New	1,060	Dam Construction			10.50	TP 294,200	(a) 14,435 (c) - (d) 14,435	14,435 - 14,435	- - -	4,012 - 4,012	4,012	
13. REGPP	New Rehab New Rehab	49,680 8,000	2,180 86 3,193 1,878	2,689 515 6 67	13,321 1,461 6 67	12.06	TP 4,103,000	(a) 71,062 (c) 49,233 (d) 120,295	71,062 49,233 120,295	- - -	95,797 14,032 109,829	505,111	
Subtotal	New Rehab New Rehab Irrigated Area, ha Wet Season Dry Season	166,701 48,851	5,813 7,137 4,543 2,428	3,179 979 6 67	20,579 8,479 6 67		TP 28,142,904	(a) 1,246,424 93,633 (c) - (d) 1,340,057	1,221,424 93,633 - 1,315,057	72,833 - 58,453 131,286	1,111,368 126,728 - 1,238,096	4,016,703	
B. CONTINUING ACTIVITIES													
1. RRIDFPS	Drainage, km	Annual Program	1,060	221 ^{4/}	221 ^{4/}	65.80	TP 100,000	(a) 89,133 (c) 226,106 (d) 315,239	89,133 226,106 315,239	- - -	210,427 10,363 220,790	360,427	
2. RRE/NIS/CIS	Rehab	Annual Program	50,476	31,181	31,181	49.90	TP 990,000	(a) 93,693 (c) 1,040,822 (d) 1,134,515	88,832 1,040,822 1,129,654	- - -	1,027,634 123,125 1,150,759	1,558,634	

PHYSICAL AND FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
AS OF DECEMBER 31, 2000

Project	Irrigable Area (ha)		Physical Status				Overall Project Status (%)	Total Estimated Cost ('000)	Financial Status (P1,000)					
			Area (ha)			CY 2000 Target			CY 2000 Program	January 1 - December 31, 2000			Obligation 2/	Obligation to Date 2/
			Actual		Releases 1/					Allotment	Cash/ Non- Cash Support			
			January 1- Dec. 31, 2000	To Date										
3. RRCFMR/NIS	Roads, km.	Annual Program	2,089	615 ^{4/}	615 ^{4/}	68.00	TP 100,000	(a) 84,132 (c) - (d) 84,132	84,132 - 84,132	- - -	84,132 2,479 86,611	184,132		
4. FSDE		Annual Program	See Annex E				TP 100,000	(a) 21,752 (c) - (d) 21,752	21,752 - 21,752	- - -	17,029 561 17,590	27,093		
5. AIDP		Annual Program	See Annex G				TP 30,000	(a) 11,455 (c) - (d) 11,455	11,455 - 11,455	- - -	7,665 2,864 10,529	16,975		
6. PIP	New New	Annual Program	300 60 ^{6/}	- -	- -	-	TP 10,000	(a) 10,000 ^{6/} (c) - (d) 10,000	10,000 ^{6/} - 10,000	- - -	580 - 580	580		
Subtotal	New Rehab New Rehab Drainage, km. Roads, km.		300 50,476 4,717 ^{6/} 91,587 ^{6/} 1,060 2,089	- 31,181 159 ^{6/} 6,256 ^{6/} 221 615	- 31,181 159 ^{6/} 6,256 ^{6/} 221 615		TP 1,330,000	(a) 300,165 1,276,928 ^{6/} (c) - (d) 1,577,093	295,304 1,276,928 ^{6/} - 1,572,232	- - - -	1,347,467 139,392 1,486,859	2,147,841		
C. Allotment & NCA Received and Obligation for LFPs (Lump Sum)								(a) - (c) - (d) -	- 140,940 140,940	1,304,910 790,613 2,095,523	- 169,933 169,933	169,933		
TOTAL FOR LOCALLY FUNDED PROJECTS	New Rehab New Rehab Drainage, km. Roads, km. Irrigated Area, ha Wet Season Dry Season		166,701 48,851 9,260 ^{6/} 94,015 ^{6/} 1,060 2,089 547,292 481,100	3,179 32,160 165 ^{6/} 6,323 ^{6/} 221 ^{4/} 615 ^{4/} 477,323 468,679	20,579 39,660 165 ^{6/} 6,323 ^{6/} 221 ^{4/} 615 ^{4/} 477,323 468,679		TP 29,472,904	(a) 1,546,589 1,370,561 ^{6/} (c) - (d) 2,917,150	1,516,728 1,370,561 ^{6/} 140,940 3,028,229	1,377,743 849,066 2,226,809	2,458,835 436,053 2,894,888	6,334,477		

PHYSICAL AND FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
AS OF DECEMBER 31, 2000

Project	Irrigable Area (ha)	Physical Status				Overall Project Status (%)	Total Estimated Cost ('000)	Financial Status (P1,000)				
		Area (ha)			CY 2000 Program			January 1 - December 31, 2000			Obligation to Date 2/	
		CY 2000 Target	Actual					Releases 1/ Allotment	Cash/ Non- Cash Support	Obligation 2/		
			January 1- Dec. 31, 2000	To Date								
TOTAL FOR IRRIGATION PROJECTS	New	293,976	20,870	7,621	31,523		P 48,667,076	(a) 4,961,481	4,931,620	2,630,599	4,620,372	18,799,702
	Rehab	199,967	89,826	56,073	80,191		\$ 237,600	1,370,561^{6/}	1,370,561^{6/}	-	-	
	New		9,260^{6/}	165^{6/}	165^{6/}		Y 38,548,000	(b) 30,000	30,000	-	328,979	
	Rehab		94,015^{6/}	6,323^{6/}	6,323^{6/}		TP 64,499,489	(c) -	140,940	1,816,083	1,071,641	
	Drainage, km.		1,060	221^{4/}	221^{4/}			(d) 6,362,042	6,473,121	4,446,682	6,020,992	
	Roads, km.		2,089	615^{4/}	615^{4/}							
	Restored Area, ha											
	Wet Season		11,185	4,570	76,343							
	Dry Season		12,150	11,864	83,439							
	Irrigated Area, ha											
Wet Season		547,292	477,323	477,323								
Dry Season		481,100	468,679	468,679								

- Note: 1/ Includes cash and non-cash allotment and support releases from previous years' allocation.
2/ Includes actual obligations from carry-over balances and El Nino Program.
3/ Adjustments were made.
4/ Carryover projects.
5/ Includes Unprogrammed Fund
6/ El Nino Program
(a) Current years' program, cash allotment and non-cash allotment and support releases and obligations.
Includes direct payment by lending institutions without NCAA.
(b) Other Sources
(c) Previous years' cash allotment and non-cash allotment and support releases and obligations.
Includes direct payment by lending institutions without NCAA.
(d) Total (a), (b) & (c).

PHYSICAL AND FINANCIAL STATUS OF INTER-AGENCY PROJECTS
AS OF DECEMBER 31, 2000

Project	Irrigable Area (ha)		Physical Status				Financial Status (P1,000)			
			Area (ha)			Overall Project Status (%)	CY 2000 Program	January 1 - December 31, 2000		
			CY 2000 Target	Actual				Releases		Obligation ^{1/}
				January 1- Dec. 31, 2000	To Date			Allotment	Cash Support	
COMMUNAL IRRIGATION PROJECTS/SYSTEMS:										
A. CARP-IC										
1. ARF						(a) 200,000	196,180	71,116	112,104	
a. Phase I	New	58,421	7,747	1,304	48,580	94	(c) -	51,037	233,025	
	Rehab	35,608	1,363	500	34,077		(d) 200,000	196,180	122,153	345,129
b. Phase II	New	8,103	3,062	136	136	24				
	Rehab	8,433	2,979	703	703					
2. ARISP	New	6,317	1,398	993	4,107	84	(a) -	-	-	-
	Rehab	8,183	2,746	1,336	6,365		(c) -	-	-	151,755
							(d) -	-	-	151,755
3. ARCDP	New	6,384	2,026	316	316	29	(a) 240,500	180,943	132,247	-
	Rehab	3,048	1,423	526	526		(c) -	-	-	1,919
							(d) 240,500	180,943	132,247	1,919
B. MRDP	New	855	-	-	-	-	(a) 79,505	-	11,796	-
	Rehab	4,536	618	-	-	-	(c) -	-	-	3,865
							(d) 79,505	-	11,796	3,865
TOTAL	New	80,080	14,233	2,749	53,139		(a) 520,005	377,123	215,159	112,104
	Rehab	59,808	9,129	3,065	41,671		(c) -	-	51,037	390,564
							(d) 520,005	377,123	266,196	502,668

NOTE: ^{1/} Includes actual obligation from carry-over balances.

(a) Current year's program, cash allotment and support releases and obligations.

(c) Previous years' cash allotment and non-cash allotment and support releases and obligations.

(d) Total (a) & (c)

Physical and Financial Status
BALIKATAN SAGIP PATUBIG PROGRAM
As of December 31, 2000

REGION	NO. OF PROJ./ SYSTEM	Service Area (ha)	PHYSICAL STATUS		Total Estimated Cost (P'000)	FINANCIAL STATUS (P'000)	
			Actual Rehab Area (ha)	Project Status (%)		DA/NIA Share	OBLIGATIONS (Jan. 01 - December 31, 2000)
CAR	308	12,251	697	27.96	498,580	7,923	15,000
1	42	3,104	-	33.31	85,741	5,843	12,784
2	37	7,046	550	23.33	55,864	932	6,000
3	45	5,295	-	61.61	97,164	-	6,000
4	82	8,521	75	47.79	270,064	10,472	6,000
5	13	1,171	-	47.15	41,024	927	7,216
6	64	3,912	203	55.83	274,068	-	18,000
7	1	25	-	-	1,000		
8	16	1,020	-	49.34	65,363	-	6,000
9	29	1,545	-	27.73	102,117	-	6,000
10	2	317	-	7.01	30,000	792	6,000
11	7	2,325	-	-	7,856	-	
12	1	190	-	-	19,000	-	
13	16	368	-	5.11	7,116	-	6,000
GRAND TOTAL	663	47,090	1,525	28.18	1,554,957	26,889	95,000

1/ - Based on ongoing projects only.

PROJECT PREPARATION ACTIVITIES

JANUARY 1 - DECEMBER 31, 2000

<i>Name of Project</i>	<i>Region</i>	<i>Location</i>	<i>Financial Status (P1,000)</i>							<i>Overall Status (%)</i>
			<i>January 1 - December 31, 2000</i>							
			<i>CY 2000 Program</i>			<i>Releases</i>		<i>Obliga-tion 1/</i>		
			<i>Original</i>	<i>Amount Realigned to El Nino</i>	<i>Revised CY 2000 Program</i>	<i>Allotment</i>	<i>Cash Support</i>			
<u>A. Project Identification/Investigation</u>										
1										
a)		Regionwide	1,000	900	100	100	100	100	100	20%
b)		Regionwide	2,000	1,800	200	200	200	200	200	20%
c)		Regionwide	2,000	1,800	200	200	100	100	100	20%
d)		Regionwide	2,000	1,450	550	550	501	501	501	30%
e)		Regionwide	2,000	1,300	700	700	700	700	700	40%
f)		Regionwide	2,000	1,500	500	500	441	441	441	30%
g)		Regionwide	2,000	1,800	200	200	175	175	175	20%
h)		Regionwide	2,000	1,410	590	590	590	590	590	30%
l)		Regionwide	2,000	1,800	200	200	102	102	102	20%
j)		Regionwide	2,000	1,800	200	200	193	193	193	20%
k)		Regionwide	2,000	1,800	200	200	198	198	198	20%
l)		Regionwide	2,000	1,800	200	200	182	182	182	20%
m)		Regionwide	2,000	1,900	100	100	80	80	80	20%
<u>B. Feasibility Study</u>										
1	9	Zamboanga del Sur	1,000	500	500	500	500	500	500	continuing activity
2	12	Sultan Kudarat & Maguindanao	8,000	8,000	-	-	-	-	-	continuing activity
<u>C. Feasibility Study/Detailed Engineering</u>										
1	1	Pangasinan	6,000	5,000	1,000	1,000	1,000	1,000	1,000	FS - 100
2	8	Northern Samar	1,000	814	186	186	186	186	186	continuing activity
3	9	Zamboanga del Sur & Norte	2,000	1,775	225	225	213	213	213	continuing activity
4	10	Bukidnon	3,000	2,413	587	587	456	456	456	100%
5	CAR	Abra	4,000	2,157	1,843	1,843	1,580	1,580	1,580	100%
6	CAR	Kalinga	3,000	3,000	-	-	-	-	-	FS - 100

PROJECT PREPARATION ACTIVITIES
JANUARY 1 - DECEMBER 31, 2000

Name of Project	Region	Location	Financial Status (P1,000)							Overall Status (%)
			January 1 - December 31, 2000							
			CY 2000 Program			Releases		Obliga-tion 1/		
			Original	Amount Realigned to El Nino	Revised CY 2000 Program	Allotment	Cash Support			
D. Detailed Engineering										
1 INIP II	1	Ilocos Norte	3,000	2,422	578	578	570	570	continuing activity	
2 Banaoang IP	1	Ilocos Sur	2,000	2,000	-	-	-	-		
3 San Roque Multipurpose Project-IC	1 & 3	Pangasinan & Tarlac	10,000	6,136	3,864	3,864	3,739	3,739	100.00%	
4 Tumauni Multipurpose Project	2	Isabela	2,000	1,340	660	660	643	643	continuing activity	
5 North Lawis	3	Zambales	2,000	2,000	-	-	-	-		
6 Southern Luzon Upland Irrigation Rural Development Project	4	Laguna	1,000	1,000	-	-	-	-		
7 Western Legaspi IRDP	5	Albay	1,000	1,000	-	-	-	-		
8 Bago RIS	6	Negros Occ.	2,000	2,000	-	-	-	-		
9 Aklan RIS	6	Aklan	4,000	2,800	1,200	1,200	1,198	1,198	continuing activity	
10 Kadingilan IP	10	Bukidnon	2,000	1,355	645	645	645	645	continuing activity	
11 Talakag RIP	10	Bukidnon	2,000	2,000	-	-	-	-		
12 Saug Reservoir Project	11	Davao del Norte	3,000	3,000	-	-	-	-		
13 Malitubog-Libungan Transbasin IP	12 & ARMM	North Cotabato & Maguindanao	4,000	4,000	-	-	-	-	FS - 100	
E. Others										
1 Watershed Study	C.O.	Regionwide	2,000	1,824	176	176	176	176	75%	
2 Surface Water Monitoring	C.O.	Regionwide	1,000	652	348	348	348	348	continuing activity	
3 Project Identification, Assistance to Study Missions for Foreign Assisted Projects, TEVs, Seminars, etc.	C.O.	Regionwide	6,000	-	6,000	6,000	6,000	6,000	90%	
Total			100,000	78,248	21,752	21,752	20,817	20,817		

NOTE: 1/ Includes actual obligations from carry-over balances.

SERVICE AND IRRIGATED AREA OF NATIONAL IRRIGATION SYSTEMS
CROP YEAR 1999-2000
As of December 31, 2000

REGION	NO. OF NIS	SERVICE AREA (ha)	IRRIGATED AREA (ha)						CROPPING INTENSITY (%)
			WET SEASON			DRY SEASON			
			PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%	
CAR	1	17,551	11,000	8,540	77.64	10,500	10,096	96.15	106.18
1	26	55,872	39,425	31,072	78.81	26,289	24,983	95.03	100.33
2	20	136,792	109,687	100,713	91.82	113,533	105,635	93.04	150.85
3	13	171,783	131,453	112,823	85.83	115,532	118,588	102.65	134.71
4	46	52,935	39,565	27,209	68.77	31,474	30,600	97.22	109.21
5	14	20,496	17,762	16,641	93.69	17,443	15,646	89.70	157.53
6	11	52,216	45,467	41,872	92.09	32,289	35,436	109.75	148.05
7&8	18	21,818	17,406	14,224	81.72	15,510	12,032	77.58	120.34
9	4	15,162	12,250	11,427	93.28	11,450	10,946	95.60	147.56
10	4	20,696	15,138	13,277	87.71	15,038	13,349	88.77	128.65
11	15	52,501	48,853	47,869	97.99	44,732	44,270	98.97	175.50
12	7	39,149	36,156	31,083	85.97	27,267	28,291	103.76	151.66
13	6	18,727	13,673	14,139	103.41	12,938	14,178	109.58	151.21
ARMM	5	10,114	9,457	6,434	68.03	7,073	4,629	65.45	109.38
TOTAL	190	685,812	547,292	477,323	87.22	481,068	468,679	97.42	137.94

Note: Dry Season - November 1999 to April 2000
Wet Season - May 2000 to October 2000
For Region 13
Wet Season - November 1999 to April 2000
Dry Season - May 2000 to October 2000

IRRIGATORS' ASSOCIATION ORGANIZATION, TRAINING AND DEVELOPMENT
NATIONAL AND COMMUNAL IRRIGATION SYSTEMS/PROJECTS
JANUARY 1 - DECEMBER 31, 2000

PARTICULARS	CY 2000 TARGET	ACCOMPLISHMENT			STATUS (%)
		NATIONAL	COMMUNAL	TOTAL	
I. <u>IA Organization</u>					
a. Number of IA Organized	500	18	75	93	18.60
Area Covered, ha	107,806	3,547	7,658	11,205	10.39
Number of Farmers	88,886	2,045	6,036	8,081	9.09
b. IA Strengthening					
Number of IA	1,837	931	274	1,205	65.60
Area Covered, ha	499,930	326,700	47,944	374,644	74.94
Number of Farmers	319,575	226,474	32,863	259,337	81.15
c. Number of IA Registered w/ SEC	315	78	37	115	36.51
Area Covered, ha	47,118	17,538	2,728	20,266	43.01
Number of Farmers	52,528	11,330	2,941	14,271	27.17
II. <u>Memorandum of Agreement Signed</u>					
a. New					
Number of IA	766	250	293	543	70.89
Area Covered, ha	112,755	61,488	20,842	82,330	73.02
Number of Farmers	90,153	46,644	18,681	65,325	72.46
b. Renewal					
Number of IA	1,008	824	-	824	81.75
Area Covered, ha	285,672	234,765	-	234,765	82.18
Number of Farmers	187,296	163,234	-	163,234	87.15
III. <u>Trainings/Workshop</u>					
a. IA-Training	107,142	38,528	4,931	43,459	40.56
b. NIA-IA Conferences	27,545	2,679	358	3,037	11.03
c. Staff Training, Orientation Workshop	11,955	192	1,128	1,320	11.04
d. Irrigation/Irrigators' Association Management Information System					
Number of IA	25	4	30	34	136.00
Area Covered, ha	5,022	-	-	-	-

STATUS OF NIA EQUIPMENT

AS OF DECEMBER 31, 2000

REGION/ OFFICE	HEAVY EQUIPMENT (H)			LIGHT EQUIPMENT (L)			OTHER EQUIPMENT (O)			SPECIAL EQUIPMENT (S)			SURFACE & DEEP WELL IRRIGATION PUMPS (P)			TOTAL						PERCENT OPERABLE (%)					OVERALL PERCENT OPERABLE (%)
	AI	A2	R	AI	A2	R	AI	A2	R	AI	A2	R	AI	A2	R	H	L	O	S	P	TOTAL	H	L	O	S	P	
1 **	64	7	18	269	16	16	137	17	15	16	1	-	48	28	5	89	301	169	17	81	657	90	94	89	94	63	89
2	69	12	17	284	25	37	129	28	51	9	4	-	39	5	-	98	346	208	13	44	709	85	92	82	69	89	88
3 **	80	20	17	418	18	59	201	25	56	21	11	-	131	38	-	117	495	282	32	169	1,095	80	96	89	66	78	88
4	62	28	25	386	71	137	90	67	90	14	3	1	21	31	1	115	594	247	18	53	1,027	69	84	57	82	40	74
5 *	53	5	40	218	8	192	107	11	128	5	-	3	17	1	-	98	418	246	8	18	788	91	96	91	100	94	94
6	61	20	41	238	24	104	105	24	84	-	-	-	4	-	-	122	366	213	-	4	705	75	91	81			86
7 & 8 **	65	34	22	240	70	80	145	26	164	3	-	-	-	-	-	121	390	335	3	-	849	66	77	85	100		78
9	17	14	15	61	10	37	57	9	49	1	-	1	-	-	-	46	108	115	2	-	271	55	86	86	100		80
10	51	9	37	150	12	113	87	25	152	-	-	-	-	-	-	97	275	264	-	-	636	85	93	78			86
11	76	15	74	273	41	147	123	20	80	6	-	16	5	-	-	165	461	223	22	5	876	84	87	86	100		86
12 **	67	24	21	332	44	50	155	54	37	3	-	-	-	-	-	112	426	246	3	-	787	74	88	74	100		82
13 **	78	18	134	178	34	262	124	22	277	39	-	-	-	-	-	230	474	423	39	-	1,166	81	84	85	100		85
MRIIS	44	10	24	235	15	47	57	7	13	15	5	4	-	-	-	78	297	77	24	-	476	81	94	89	75		90
UPRIIS	27	12	14	246	18	28	44	21	4	10	2	9	-	-	-	53	292	69	21	-	435	69	93	68	83		86
CAR	29	5	9	88	15	42	74	18	9	-	-	-	-	-	-	43	145	101	-	-	289	85	85	80			83
C.O.	-	-	-	40	5	3	1	-	2	-	-	-	-	-	-	-	48	3	-	-	51		89	100			89
TOTAL	843	233	508	3,656	426	1,354	1,636	374	1,211	142	26	34	265	103	6	1,584	5,436	3,221	202	374	10,817	78	90	81	85	72	85

NOTE:

Heavy Equipment (H)
Cranes, Bulldozers, Excavators, etc.
Light Equipment (L)
Service Vehicles, Motorcycles, etc.
Other Equipment (O)
Chainsaws, Motorboats, etc.
Special Equipment (S)
Drilling Rings, Rice Threshers
Pumps (P)

A1 - Operable Equipment
A2 - Non-Operable Equipment under repair
R - Equipment recommended for disposal

Note: * As of September 30, 2000 Report
** Foreign Assisted Project included