



**BALOG-BALOG
MULTI PURPOSE
PROJECT (BBMP)**

Construction of Balog-Balog Dam and Reservoir with a storage capacity of 570 MCM for irrigation, potential power generation, fishery and flood control purposes. Stabilized irrigation supply in 12,475 hectares existing service area of BBMP Phase i.



**MINI - HYDRO PLANT ALONG
LATERAL B, DISTRICT III,
MARIIS ISABELA**

*Proposed Hydropower Plants along
NIA Irrigation Canals*

CAPACITY	POTENTIAL SITES	ESTIMATED CAPACITY (kW)
1,000 kW and above	13 sites in five regions (1, 2, MARIIS, UPRIS, & 7) and one project (BBMP)	35, 358
500 kW to 999	19 sites in seven regions (CAR, 1, MARIIS, UPRIS, 3, 8, & 12) and one project (BBMP)	12, 975
300 kW to 499 kW	31 sites in nine regions (CAR, MARIIS, 3, UPRIS, 5, 6, 8, 10, & 11) and one project (BBMP)	12, 111

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SUPER DIVERSION CANAL

A financially and economically viable and socially acceptable project covering 20,321 ha new area which are presently rainfed and 40,000ha rehabilitated area in UPRIS benefitting 36,900 farmer-families. The project is expected to contribute an annual production of 599,066 MT of Palay.

UMAYAM RIVER IRRIGATION PROJECT (URIP)



URIP is located at Loreto and La Paz, Agusan Del Sur. It involves the construction of an overflow diversion dam across Umayam River in Agusan Del Sur, irrigation and drainage canals, and on-farm facilities. It is expected to irrigate 6,729 hectares, which will benefit about 3,385 farm households in 12 Irrigators Associations (IAs). The project will also increase cropping intensity by 200 percent.



**NATIONAL IRRIGATION
ADMINISTRATION**

*Primer
2015*



MALINAO DAM

Vision

NIA is a professional and efficient irrigation agency contributing to the inclusive growth of the country and in the improvement of the farmers’ quality of life.

Mission

To construct, operate and maintain irrigation systems consistent with integrated water resource management principles to improve agricultural productivity and increase farmers’ income.

Objectives

- To develop and maintain irrigation systems in support of the agricultural development program of the government.
- To provide adequate level of irrigation service on a sustainable basis in partnership with the farmers and the local government units (LGU).
- To provide technical assistance to institutions in the development of water resources for irrigation.
- To improve and sustain the operation of NIA as a corporation and service-oriented agency.

Powers & Functions

- To investigate, study, and develop all available water resources in the country, primarily for irrigation purposes;
- To plan, design, construct, and/or improve all types of irrigation projects and appurtenant structures;
- To operate, maintain, and administer all national irrigation systems (NIS);
- To supervise the operation, maintenance, and repair, or otherwise, administer temporarily all communal and pump irrigation systems constructed, improved, and/or repaired wholly or partially with government funds;
- To delegate the partial or full management of NIA to duly organized cooperatives or associations;
- To construct multiple-purpose water resources projects designed primarily for irrigation, and secondarily for hydraulic power development and/or other uses such as flood control, drainage, land reclamation, domestic water supply, roads and highway construction, and reforestation, among others, provided, that the plans, designs and the construction thereof, shall be undertaken in coordination with the agencies concerned;



MAGAT DAM

- To charge and collect from the beneficiaries of the water from all irrigation systems constructed by or under its administration, such fees or administration charges as may be necessary to:
 - cover the cost of operation, maintenance, and insurance
 - recover the cost of construction within a reasonable period of time to the extent consistent with government policy;
 - recover funds or portions thereof expended for the construction and/or rehabilitation of communal irrigation systems (CIS) which shall accrue to a special fund for irrigation development.

STATUS OF IRRIGATION DEVELOPMENT as of December 31, 2014 in Hectares								
REGION	ESTIMATED TOTAL IRRIGABLE AREA a/	FIRMED-UP SERVICE AREA b/					IRRIGATION DEVELOP- MENT (%)	REMAINING POTENTIAL AREA TO BE DEVELOPED
		NATIONAL IRRIGATION SYSTEM	COMMUNAL IRRIGATION SYSTEM	PRIVATE IRRIGATION SYSTEM	OGA- ASSISTED IRRIGATION SYSTEM	TOTAL		
CAR	97,310	13,688	46,355	27,073	1,667	88,783	91.24	8,527
1	262,744	46,095	50,544	21,232	50,722	168,592	64.17	94,152
2	456,898	148,315	50,987	49,499	23,811	272,611	59.67	184,286
3	480,783	193,707	66,594	7,792	22,357	290,450	60.41	190,333
4-A	85,929	20,450	18,100	6,334	2,578	47,462	55.23	38,467
4-B	138,719	18,938	31,379	14,469	4,201	68,986	49.73	69,732
5	239,440	23,189	68,810	25,059	13,035	130,093	54.33	109,347
6	189,934	47,020	34,866	15,053	15,459	112,397	59.18	77,537
7	46,159	11,182	23,761	4,702	1,346	40,991	88.80	5,168
8	84,081	20,883	37,031	6,197	3,286	67,397	80.16	16,684
9	74,952	16,161	22,344	1,787	3,509	43,801	58.44	31,151
10	113,631	25,758	25,205	6,247	3,659	60,869	53.57	52,762
11	147,313	35,345	23,326	1,636	2,812	63,119	42.85	84,194
12	286,263	63,677	34,297	3,315	10,823	112,112	39.16	174,150
ARMM	156,205	25,643	19,278	90	295	45,306	29.00	110,900
CARAGA	159,249	30,164	23,543	4,137	7,782	65,626	41.21	93,623
TOTAL	3,019,609	740,214	576,419	194,620	167,342	1,678,595	55.59	1,341,014

a/ - Estimated Total Irrigable Area (ETIA) is based on the 3% slope criteria.
For provinces with service areas greater than the ETIA, it means that more area are now irrigated beyond the ETIA, eg. Benguet & Mt. Province.
Converted Areas to other land use other than agriculture and Permanently Non-Restorable Areas that were previously developed for irrigation were deducted from the original ETIA of 3,126,340 ha.
b/ - Includes newly developed areas in CY 2013 (Current Program and Carry-over Program)



JALAU RIVER MULTIPURPOSE PROJECT - PHASE II (JRMP II)

JRMP - II is a foreign-assisted project funded under the Economic Development Cooperation Fund (EDCF) Korea. The loan was approved on August 9, 2012 and took effect on November 28, 2012.

NATIONAL IRRIGATION SECTOR REHABILITATION AND IMPROVEMENT PROJECT - (NISRIIP)

The “project with a perfect plan,” NISRIIP is a nationwide project funded by Japan International Cooperation Agency (JICA) under Loan No. PH-254 amounting to 6.187 billion yen that aims to stabilize food supply in the country by increasing rice production from 181,230 tons to 297,266 tons.



SOLSONA DAM

PARTICIPATORY IRRIGATION DEVELOPMENT PROJECT - PHASE I (PIDP-I)



PIDP-I is a World Bank-assisted project. The Loan for PIDP-I was approved by the WB Board on June 25, 2009. The Loan Agreement and other legal documents were signed on August 7, 2009, which took effect on November 3, 2009.

AGNO RIVER IRRIGATION SYSTEM EXTENSION PROJECT (ARISEP)

Originally intended as an extension with change in scope of the Agno River Integrated Irrigation Project (ARIIP) which was terminated last December 2013, the project envisioned to restore and rehabilitate the Ambayaoan-Dipalo River Irrigation System (ADRIIS) and Agno River Irrigation System (ARIS) and develop new area (5,294 hectares). The project shall benefit 10,557 farmer families in eight municipalities in the Province of Pangasinan.



RE-REGULATING POND