

08

Expanding Economic
Opportunities in
Agriculture, Forestry,
and Fisheries

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The agriculture, forestry, and fisheries (AFF) sector is instrumental in reducing poverty and inequality for the majority of the poor in rural areas as it employs about one-third of the country's labor force. It also provides vital raw materials to the industry and services sectors, resulting in increased income and additional employment opportunities. However, long-standing challenges on productivity and support infrastructure continue to hamper the growth of the sector; thus, the need to heighten all efforts to revitalize AFF to maximize its growth potential. For this plan period, appropriate interventions and investments will be directed to the AFF sector to achieve the reduction of inequality in economic opportunities.

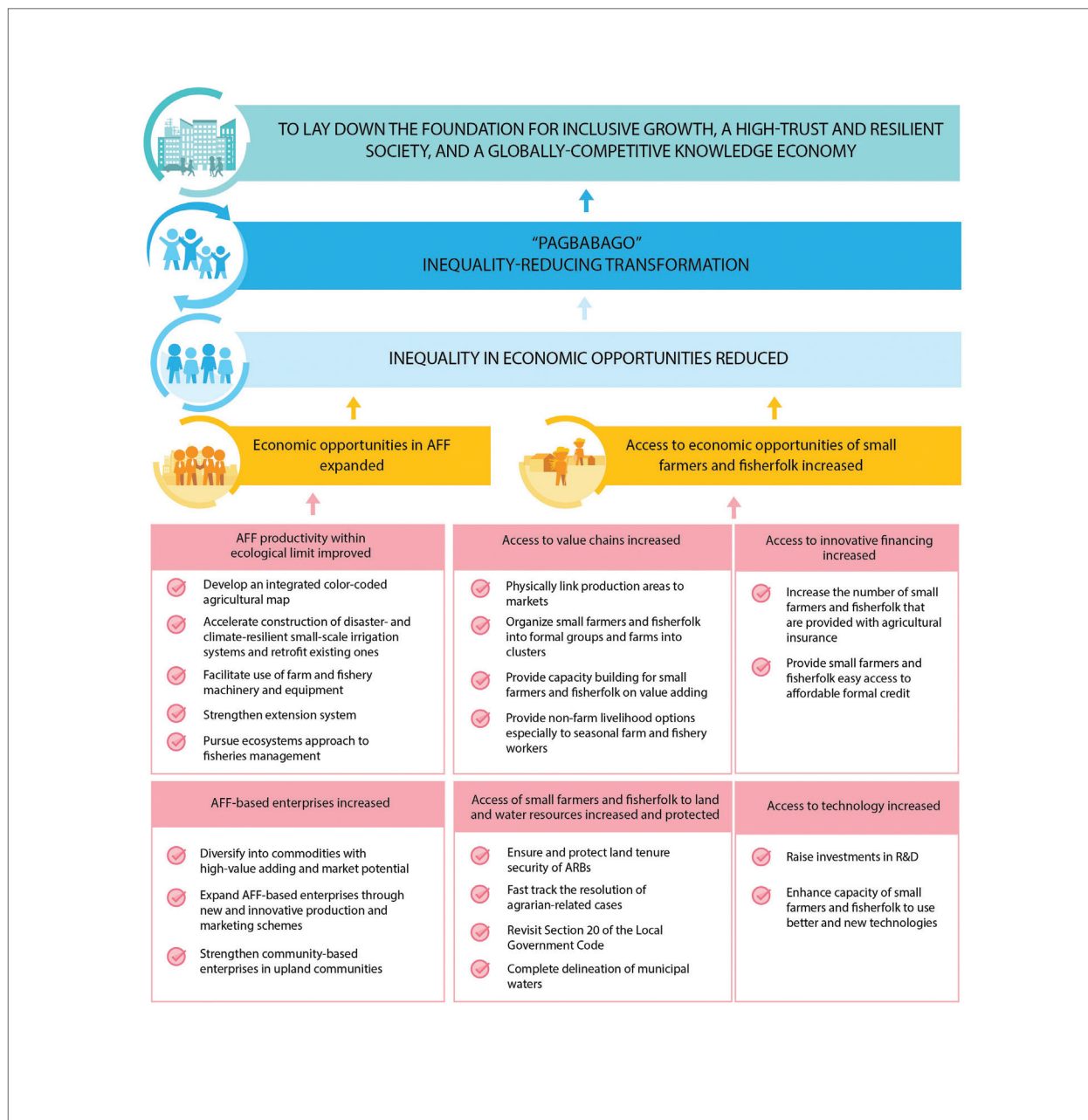
As outlined in Chapter 8 of the Philippine Development Plan (PDP) 2017-2022, reducing inequality in the AFF sector entails: (a) expanding the economic opportunities for those who are engaged in producing AFF products; and (b) increasing the access to economic opportunities for small farmers and fisherfolk who are typically subsistence producers and have limited market participation. These sector outcomes will be realized through (a) improving AFF productivity within ecological limit; (b) increasing AFF-based enterprises; (c) increasing AFF stakeholders' access to value chains; (d) increasing access to innovative financing; (e) increasing access to technology; and (f) increasing and protecting the access of small farmers and fisherfolk to land and water resources.

The PDP 2017-2022 contains 20 strategies aimed at contributing to the achievement of the abovementioned outcomes (*refer to Figure 8.1*). These strategies are then translated into priority programs and projects (PAPs) to be implemented by various agencies which are mandated to develop the AFF sector.

LINKAGE WITH PDP AND ITS RESULT MATRICES

The total AFF investment targets for 2017-2022 amounts to ₱682,392.02 million, covering 301 PAPs (*refer to Table 8.1.A*). A total of 32 PAPs with an aggregate investment targets of ₱22,115.66 million (3.24%) are expected to support Sector Outcome A (expanding economic opportunities in the AFF sector), while 19 PAPs with investment targets amounting to ₱88,667.55 million (12.99%) are geared towards increasing access to economic opportunities by small farmers and fisherfolk (Sector Outcome B). The remaining 250 PAPs, which consists of the majority – with investment targets of ₱571,608.81 million or 83.76 percent of the total AFF investment targets – will contribute to both sector outcomes.

Figure 8.1. Strategic Framework to Expand Economic Opportunities in Agriculture, Forestry, and Fisheries



Economic opportunities in AFF expanded

Accelerating irrigation development – through the construction of large- and small-scale systems and rehabilitation or restoration of existing ones – is essential in increasing the productivity and income of farmers. Small-scale irrigation systems will be a priority of the Department of Agriculture (DA) as it implements various PAPs on water resources. On the other hand, the National Irrigation Administration (NIA) under the Office of the Cabinet Secretary (OCS), will invest in communal and large-scale irrigation PAPs in the medium term. Appropriate productivity-enhancing support services like farm inputs, training, and production loans will also be provided to farmers.¹

To sustainably improve the volume and productivity of existing producers, PAPs focusing on improving the production of agricultural commodities will continue to be implemented. These include two of the major programs of the Philippine Coconut Authority (PCA) under the OCS, with an estimated total investment targets for 2017-2022 amounting to ₱8,671.91 million, namely (a) Coconut Planting and Replanting Program which intends to promote coconut planting in open and suitable areas, and replanting of senile and unproductive coconut sourced within the locality; and (b) Coconut Fertilization Project which is a quick turn-around approach to increase coconut productivity using cost-effective and environment-friendly fertilizers.

Likewise, DA has ongoing PAPs which aim to assist farmers in production through farm consolidation and provision of appropriate support services. Among these PAPs are the Block Farm Program of the Sugar Regulatory Administration (SRA) and Provision of Production Related Support Services to Clients by the Philippine Carabao Center. These two PAPs have total investment targets of ₱3,511.53 million in the medium term.

In terms of increasing the number and capacity of AFF-based enterprises, PCA is adopting an integrated farming system through the ongoing Coconut Enterprise Development Program-Coconut Intercropping and Livestock Integration Project. It involves maximizing the use of land by intercropping coconut areas with annual, biennial, and perennial crops that are high value-adding and have market potential. This program with investment targets amounting to ₱3,578.63 million also includes livestock raising under coconut trees.

To modernize the country's inspection facilities for imported agricultural products, especially meat and meat products, DA will implement the project Drive-through Portal Inspection Facilities in all international ports of entry from 2018-2022. This project has an investment target amounting to ₱1,200.00 million. Moreover, to ensure food safety and quality products, diagnostic laboratories will be improved and established. Standards/codes for Good Agricultural Practices, Good Animal Husbandry Practices, and Good Aquaculture Practices will be developed. This initiative, through the Quality Control and Inspection Program, has total investment targets of ₱1,484.80 million for the period 2017-2022.

¹ NIA's PAPs in the 2017-2022 PIP are composed of 165 new and ongoing irrigation PAPs, with total investment targets amounting to ₱283,959.81 million for the plan period 2017-2022. These PAPs are under PIP Chapter 19 (Accelerating Infrastructure Development).

Access to economic opportunities by small farmers and fisherfolk increased

To increase the access of small farmers and fisherfolk to economic opportunities, the government will facilitate their entry into the value chain, as well as their access to technology and financing. In terms of formal credit and agricultural insurance, DA has the following ongoing PAPs with total investment targets of ₱81,550.00 million for the plan period:

- a. Agricultural Credit Policy Council's (ACPC) Agro-Industry Modernization Credit and Financing Program Administration;
- b. Philippine Crop Insurance Corporation's (PCIC) Crop Insurance Services; and
- c. SRA's Socialized Credit Program.

Likewise, the Land Bank of the Philippines (LBP) has created an agribusiness credit facility in the Autonomous Region in Muslim Mindanao (ARMM) through the Harnessing Agribusiness Opportunities through Robust and Vibrant Entrepreneurship Supportive of Peaceful Transformation Project. The project, which amounts to ₱2,200.00 million, will be implemented from 2017-2022 through an official development assistance (ODA) loan from the Japan International Cooperation Agency.

To physically link production areas to markets and distribution centers, farm-to-mill/market roads (FMRs) and bridges will be constructed and/or rehabilitated. This will ensure participation of farmers and fisherfolk to the agricultural value chain. With investment targets of ₱48,830.40 million, DA intends to implement the Repair/Rehabilitation and Construction of Farm-to-Market Roads in Designated Key Production Areas in the medium term. DA is also proposing to avail of a ₱57,070.00 million ODA to implement its Construction/Rehabilitation of Farm-to-Market Roads Project from 2018-2023.²

DA is also capitalizing on research and development (R&D) programs to further improve the productivity of sugarcane. This R&D program has total investment targets of ₱1,743.41 million. Similarly, the Department of Science and Technology (DOST) has various R&D initiatives to boost the country's AFF development. DOST's PAPs involve generation of technologies or information, product development, and increasing the productivity of various crops, fisheries, livestock, and poultry.

Cross-cutting PAPs

Majority of the PAPs that cut across both Sector Outcomes A and B will be implemented by the two main rural development agencies – DA and the Department of Agrarian Reform (DAR). These PAPs comprise substantial investments along the value chain and involve interventions such as production support, rural infrastructure, livelihood and enterprise development, and technical assistance on capacity building for AFF, including agrarian reform beneficiaries (ARBs) and their organizations. Notably, most of these PAPs are focused on shifting towards crop diversification, value-chain integration, market orientation, integrated service delivery approach, sustainability of agriculture and coastal resources, and climate and disaster risks resiliency.

² FMRs and bridge PAPs are reflected under PIP Chapter 19 (Accelerating Infrastructure Development).

DA's priority PAPs include the national banner programs on rice, corn, high-value crops, livestock, fisheries, Halal agri-fishery, and organic agriculture. The total investment targets for these PAPs amounts to ₱355,975.96 million over the medium term. In addition, DA is implementing the following priority foreign-assisted PAPs, with a combined investment target of ₱4,817.13 million:

- a. Philippine Rural Development Project (PRDP);
- b. Fisheries, Coastal Resource, and Livelihood Project; and
- c. Integrated Marine Environment Monitoring System (Phase 2).

Other priority PAPs for the plan period, with total investment targets of ₱85,794.56 million, include:

- a. Proposed Expansion of the PRDP;
- b. Special Area for Agricultural Development;
- c. Upgrading / Rehabilitation of Navotas Fish Port Complex;
- d. Production of Tropical Dairy Cattle for the Local Dairy Industry through the Genetic Improvement Program;
- e. Philippine Agricultural Modernization Project;
- f. Farmers and Fisherfolk's Database and Farm Geo-Referencing;
- g. Sugarcane Farm Mechanization Project;
- h. Nationwide Fish Ports Project (Package III);
- i. Expansion / Upgrading / Improvement of the General Santos Fish Port Complex; and
- j. Rehabilitation / Improvement of the Zamboanga Fish Port Complex.

For DAR, most PAPs are aligned with the thrust of the Program Beneficiaries Development which is the integration and complementation of support services provision to ARBs and their organizations. Such intervention aims to increase ARBs' productivity and incomes, as well as their resilience to climate change risks. The following ongoing priority PAPs of DAR have total investment targets of ₱4,928.76 million:

- a. Mindanao Sustainable Agrarian and Agriculture Development Project;
- b. Convergence on Value-Chain Enhancement for Rural Growth and Empowerment; and
- c. Italian Assistance to the Agrarian Reform Community Development Support Program.

Moreover, DAR will implement the following PAPs in the medium term, with investment targets estimated at ₱33,254.39 million, to ensure continued support in enhancing market access and competitiveness:

- a. Inclusive Partnerships for Agricultural Competitiveness Project;
- b. Sustainable and Resilient Communities Development Project;
- c. Smallholder Agri-Enterprise Competitiveness and Social Protection; and
- d. Climate Resilient Integrated Development Project in Agrarian Reform Community Clusters.

Aside from DA and DAR, other agencies will also provide support and contribute to the development of the AFF sector. The following PAPs have total investment targets of ₱29,282.39 million:

- a. Clark Green City Food Processing Terminal and International Food Market by the Bases Conversion and Development Authority (BCDA);
- b. Support to Agrarian Reform Communities: Program for the Enhancement of Agriculture towards Community Empowerment by the ARMM;
- c. Coconut Enterprise Development Program - Agro-Industrial Hub Development Project by the OCS- PCA; and
- d. Davao Food Complex Project by the Department of Trade and Industry (DTI).

HIGHLIGHTS OF THE PIP CHAPTER

Implementing Agency

Overall, the 301 PAPs to be implemented from 2017-2022 have total investment targets of ₱682,392.02 million. Of this amount, 86.49 percent (₱590,231.32 million) will be implemented by DA to fund 119 PAPs, while the remaining 13.51 percent (₱92,160.70 million) of the investment targets (182 PAPs) will be implemented by DAR, BCDA, OCS, DOST, ARMM, LBP, DTI, CDA, and the Department of Environment and Natural Resources (DENR) (*refer to Table 8.2.A*). DOST has the most number of PAPs at 156, but these only account for 1.16 percent of the total investment targets for 2017-2022.

Of the total investment targets for 2017-2022, ₱149,341.28 million or 21.88 percent are for CIPs (*refer to Table 8.2.B*). Twenty-two CIPs will be implemented by DA, DAR, BCDA, ARMM, LBP, and DTI. DA and DAR will implement most of these CIPs, with a share of 57.51 percent (₱85,889.88 million) and 22.57 percent (₱33,704.39 million) of the total investment targets, respectively.

Spatial Coverage

Of the ₱682,392.02 million total investment targets for AFF for the Plan period, 71.38 percent (₱487,094.38 million) are for PAPs that have interregional coverage, while 20.72 percent (₱141,380.39 million) and 7.90 percent (₱53,917.25 million) will cover PAPs for nationwide and region-specific implementation, respectively. Central Luzon has the largest total investment targets (37.84%) for region-specific PAPs, while CALABARZON has the most number of region-specific PAPs at 36.

The same was noted in the CIP total investment targets as shown in Table 8.3.B. Majority (48.88% or ₱72,999.19 million) of the total investment targets for the plan period are for interregional PAPs, while the remaining PAPs will be implemented either with nationwide or region-specific spatial coverage – with 21.38 percent (₱31,936.19 million) and 29.73 percent (₱44,405.90 million) share to the total investment targets of CIPs over the medium term, respectively.

Mode of Implementation

Two hundred fifty PAPs (representing 83.06%) out of the total 301 PAPs under this Chapter will be carried out through local funds, 29 PAPs (9.63%) through ODA, and the rest will be through public-private partnership (PPP), joint venture arrangements, or to be determined (*refer to Table 8.4.A*).

For the CIPs, ten PAPs (45.45%) will be implemented through ODA, seven PAPs (31.82%) through local funds, and the remaining PAPs will be carried out through either PPP, joint venture arrangements or to be determined (*refer to Table 8.4.B*).

Status/Level of Readiness

As shown in Table 8.5, there are 36 PAPs with total project costs above ₱2.5 billion. These PAPs comprise 91.91 percent of the total investment targets. Twenty-two of these PAPs are under implementation, two are already approved by the Investment Coordination Committee (ICC)/NEDA Board but are not yet ongoing, and the rest are either undergoing approval process or still for submission of required documents to the approving body.

Meanwhile, 21 PAPs (4.59%) are with total project costs of ₱1 billion to ₱2.5 billion. Majority of these PAPs are ongoing, with one already approved by the ICC/NEDA Board, while three are still for approval, and the remaining three are for submission of the required documents to the approving body.

The remaining PAPs (consisting of 224 PAPs) are projects costing below ₱1 billion. One hundred eighty-seven of the PAPs under this category are ongoing.

SUMMARY TABLES

Table 8.1.A. PIP Investment Targets by Outcome

SECTOR OUTCOME	NO. OF PAPs	INVESTMENT TARGETS (IN ₱ MILLION)							
		2017	2018	2019	2020	2021	2022	2017-2022	Total Project Cost*
Sector Outcome A: Economic opportunities in AFF expanded	32	2,301.27	4,471.90	3,823.21	3,830.07	3,845.85	3,843.36	22,115.66	25,731.98
Sector Outcome B: Access to economic opportunities by small farmers and fisherfolk increased	19	4,734.34	54,054.01	6,596.53	7,159.53	7,739.65	8,383.49	88,667.55	91,827.55
Sector Outcomes A and B	250	43,133.43	123,171.03	104,848.93	105,043.82	99,781.26	95,630.35	571,608.81	603,108.94
TOTAL	301	50,169.04	181,696.94	115,268.66	116,033.42	111,366.76	107,857.20	682,392.02	720,668.48

* May not be equal to the '2017-2022 investment targets' as total project cost may include investments prior to or after the 2017-2022 Plan period.

Table 8.1.B. CIP Investment Targets by Outcome

SECTOR OUTCOME	NO. OF PAPs	INVESTMENT TARGETS (IN ₱ MILLION)							
		2017	2018	2019	2020	2021	2022	2017-2022	Total Project Cost*
Sector Outcome A: Economic opportunities in AFF expanded	1	-	240.00	240.00	240.00	240.00	240.00	1,200.00	1,200.00
Sector Outcome B: Access to economic opportunities by small farmers and fisherfolk increased	2	22.00	421.00	1,039.00	794.00	374.00	-	2,650.00	2,650.00
Sector Outcomes A and B	19	7,958.86	33,967.58	26,823.89	28,404.52	24,606.50	23,729.93	145,491.28	148,396.74
TOTAL	22	7,980.86	34,628.58	28,102.89	29,438.52	25,220.50	23,969.93	149,341.28	152,246.74

* May not be equal to the '2017-2022 investment targets' as total project cost may include investments prior to or after the 2017-2022 Plan period.

Table 8.2.A. PIP Investment Targets by Implementing Agency

AGENCY	NO. OF PAPs	INVESTMENT TARGETS (IN ₱ MILLION)							Total Project Cost*
		2017	2018	2019	2020	2021	2022	2017-2022	
ARMM	2		2,073.67	2,563.04	2,503.80	-	-	7,140.51	7,140.51
BCDA	1	-	-	2,000.00	5,000.00	5,000.00	8,000.00	20,000.00	20,000.00
CDA	1	5.00	4.54	5.00	5.50	6.05	6.65	32.74	32.74
DA	119	45,686.48	169,172.25	96,845.33	94,178.38	93,268.03	91,080.86	590,231.32	616,124.45
DA (Main)	67	37,823.22	81,505.33	75,974.27	73,619.84	73,784.85	76,787.60	419,495.11	441,512.98
ACPC	2	761.00	50,100.00	25.00	12.00	12.00	19.00	50,929.00	53,934.00
BFAR	6	1,146.37	8,268.85	10,510.05	8,274.23	6,291.68	136.59	34,627.77	35,494.62
NDA	8	665.28	3,818.63	1,886.41	2,707.01	2,809.74	2,747.87	14,634.94	14,634.94
NTA	7	486.43	711.93	662.38	662.38	662.38	662.38	3,847.87	3,847.87
PCC	14	389.54	693.82	840.80	945.87	999.44	1,068.98	4,938.45	4,938.45
PCIC	1	2,500.00	2,500.00	4,500.00	5,500.00	6,500.00	7,500.00	29,000.00	29,000.00
PFDA	5	787.72	17,760.60	445.00	450.00	205.15	149.79	19,798.25	19,798.25
PhilFIDA	4	273.51	2,113.10	301.42	307.05	302.79	308.65	3,606.53	3,609.93
SRA	5	853.41	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	9,353.41	9,353.41
DAR	9	2,653.20	2,727.61	7,692.82	9,247.12	10,254.36	6,304.69	38,879.80	45,697.10
DENR	1	1.02	0.64	-	-	-	-	1.65	1.99
DOST	156	683.08	3,752.83	2,113.79	1,345.82	3.09	-	7,898.61	8,662.70
DOST (Main)	1	90.00	250.00	200.00	-	-	-	540.00	700.00
ITDI	1	-	75.10	45.10	34.80	-	-	155.00	155.00
MIRDC	1	-	55.15	79.85	37.70	3.09	-	175.79	175.79
PCAARRD	153	593.08	3,372.58	1,788.84	1,273.32	-	-	7,027.82	7,631.91
DTI	1	6.50	708.00	302.00	-	-	-	1,016.50	1,021.96
NDC	1	6.50	708.00	302.00	-	-	-	1,016.50	1,021.96
LBP	1	22.00	286.00	814.00	704.00	374.00	-	2,200.00	2,200.00
OCS	10	1,111.77	2,971.40	2,932.68	3,048.79	2,461.23	2,464.99	14,990.88	19,787.03
PCA	10	1,111.77	2,971.40	2,932.68	3,048.79	2,461.23	2,464.99	14,990.88	19,787.03
TOTAL	301	50,169.04	181,696.94	115,268.66	116,033.42	111,366.76	107,857.20	682,392.02	720,668.48

* May not be equal to the '2017-2022 investment targets' as total project cost may include investments prior to or after the 2017-2022 Plan period.

Table 8.2.B. CIP Investment Targets by Implementing Agency

AGENCY	NO. OF PAPs	INVESTMENT TARGETS (IN ₱ MILLION)							Total Project Cost*
		2017	2018	2019	2020	2021	2022	2017-2022	
ARMM	1	-	1,856.17	2,170.54	2,503.80	-	-	6,530.51	6,530.51
BCDA	1	-	-	2,000.00	5,000.00	5,000.00	8,000.00	20,000.00	20,000.00
DA	13	7,952.36	30,936.74	15,539.17	12,196.61	9,599.77	9,665.24	85,889.88	85,889.88
DA (Main)	7	7,952.36	12,378.32	13,844.06	9,643.26	6,878.53	7,002.06	57,698.59	57,698.59
NDA	1	-	977.82	995.11	1,853.35	2,021.24	1,963.17	7,810.69	7,810.69
PFDA	4	-	16,880.60	-	-	-	-	16,880.60	16,880.60
SRA	1	-	700.00	700.00	700.00	700.00	700.00	3,500.00	3,500.00
DAR	5	-	841.68	7,277.18	9,034.11	10,246.73	6,304.69	33,704.39	36,604.39
DTI	1	6.50	708.00	302.00	-	-	-	1,016.50	1,021.96
NDC	1	6.50	708.00	302.00	-	-	-	1,016.50	1,021.96
LBP	1	22.00	286.00	814.00	704.00	374.00	-	2,200.00	2,200.00
TOTAL	22	7,980.86	34,628.58	28,102.89	29,438.52	25,220.50	23,969.92	149,341.28	152,246.74

* May not be equal to the '2017-2022 investment targets' as total project cost may include investments prior to or after the 2017-2022 Plan period.

Table 8.3.A. PIP Investment Targets by Spatial Coverage

SPATIAL COVERAGE	NO. OF PAPs	INVESTMENT TARGETS (IN ₱ MILLION)							Total Project Cost*
		2017	2018	2019	2020	2021	2022	2017-2022	
Nationwide	56	11,627.72	29,678.85	30,117.86	28,295.76	23,662.75	17,997.44	141,380.39	146,206.97
Interregional	111	36,349.42	132,925.92	77,512.39	78,272.51	81,222.29	80,811.86	487,094.38	520,041.22
Region-specific	134	2,191.91	19,092.17	7,638.41	9,465.14	6,481.73	9,047.89	53,917.25	54,420.28
ARMM	4	24.00	2,359.67	3,377.04	3,207.80	374.00	-	9,342.50	9,344.72
CAR	5	506.38	236.40	416.29	30.08	17.63	-	1,206.77	1,212.62
NCR	13	38.87	10,782.22	72.10	44.80	-	-	10,937.98	10,988.41
Region I	4	4.06	401.00	-	-	-	-	405.06	410.84
Region II	4	9.94	6.80	-	-	-	-	16.74	31.17
Region III	20	49.83	145.88	2,131.68	5,024.56	5,023.98	8,024.27	20,400.21	20,464.02
CALBARZON	36	199.45	414.99	268.29	31.87	25.00	30.00	969.60	1,205.11
MIMAROPA	3	-	251.35	251.35	248.25	125.00	-	875.94	875.94
Region V	2	1.00	1.00	80.00	80.00	80.00	80.00	322.00	322.00
Region VI	9	28.89	13.28	9.77	10.35	10.98	11.63	84.90	105.50
Region VII	1	-	20.00	-	-	-	-	20.00	20.00
Region VIII	9	14.38	6.65	4.72	5.00	1.00	1.00	32.74	63.54
Region IX	6	13.18	1,398.11	6.10	3.60	3.60	3.60	1,428.18	1,445.16
Region X	4	8.74	122.91	0.50	-	-	-	132.14	156.16
Region XI	4	11.31	719.96	302.00	-	-	-	1,033.27	1,038.74
Region XII	10	1,281.88	2,211.97	718.58	778.83	820.55	897.39	6,709.20	6,736.35
TOTAL	301	50,169.04	181,696.94	115,268.66	116,033.42	111,366.76	107,857.20	682,392.02	720,668.48

* May not be equal to the '2017-2022 investment targets' as total project cost may include investments prior to or after the 2017-2022 Plan period.

Table 8.3.B. CIP Investment Targets by Spatial Coverage

SPATIAL COVERAGE	NO. OF PAPs	INVESTMENT TARGETS (IN ₱ MILLION)							Total Project Cost*
		2017	2018	2019	2020	2021	2022	2017-2022	
Nationwide	4	-	3,075.16	7,604.72	7,855.73	6,638.53	6,762.06	31,936.19	31,936.19
Interregional	9	7,448.52	14,959.33	14,812.96	13,362.54	13,207.97	9,207.87	72,999.19	75,899.18
Region-specific	9	532.35	16,594.10	5,685.21	8,220.25	5,374.00	8,000.00	44,405.90	44,411.37
ARMM	2	22.00	2,142.17	2,984.54	3,207.80	374.00	-	8,730.51	8,730.51
CAR	2	503.85	216.78	398.67	12.45	-	-	1,131.74	1,131.74
NCR	1	-	10,639.99	-	-	-	-	10,639.99	10,639.99
Region III	1	-	-	2,000.00	5,000.00	5,000.00	8,000.00	20,000.00	20,000.00
Region IX	1	-	1,387.17	-	-	-	-	1,387.17	1,387.17
Region XI	1	6.50	708.00	302.00	-	-	-	1,016.50	1,021.96
Region XII	1	-	1,500.00	-	-	-	-	1,500.00	1,500.00
TOTAL	22	7,980.86	34,628.58	28,102.89	29,438.52	25,220.50	23,969.93	149,341.28	152,246.74

* May not be equal to the '2017-2022 investment targets' as total project cost may include investments prior to or after the 2017-2022 Plan period.

Table 8.4.A. PIP Investment Targets by Mode of Implementation

MODE OF IMPLEMENTATION	NO. OF PAPs	INVESTMENT TARGETS (IN ₱ MILLION)							Total Project Cost*
		2017	2018	2019	2020	2021	2022	2017-2022	
LFP (RA 9184)	250	35,341.01	163,747.99	89,393.39	91,119.94	87,808.45	85,720.31	553,131.09	561,889.57
PPP	1	-	-	2,000.00	5,000.00	5,000.00	8,000.00	20,000.00	20,000.00
ODA	29	14,581.54	15,507.70	17,209.08	12,900.40	11,373.08	7,031.79	78,603.58	107,087.97
Joint Venture	1	6.50	708.00	302.00	-	-	-	1,016.50	1,021.96
Others	1	-	-	500.00	1,000.00	1,250.00	1,250.00	4,000.00	5,000.00
TBD	19	240.00	1,733.25	5,864.19	6,013.08	5,935.23	5,855.10	25,640.85	25,668.98
TOTAL	301	50,169.04	181,696.94	115,268.66	116,033.42	111,366.76	107,857.20	682,392.02	720,668.48

* May not be equal to the '2017-2022 investment targets' as total project cost may include investments prior to or after the 2017-2022 Plan period.

Table 8.4.B. CIP Investment Targets by Mode of Implementation

MODE OF IMPLEMENTATION	NO. OF PAPs	INVESTMENT TARGETS (IN ₱ MILLION)							Total Project Cost*
		2017	2018	2019	2020	2021	2022	2017-2022	
LFP (RA 9184)	7	-	21,377.64	4,414.15	5,605.66	2,021.24	1,963.17	35,381.86	35,381.86
PPP	1	-	-	2,000.00	5,000.00	5,000.00	8,000.00	20,000.00	20,000.00
ODA	10	7,974.36	12,302.93	15,792.62	12,352.74	11,347.83	7,031.79	66,802.27	68,702.27
Joint Venture	1	6.50	708.00	302.00	-	-	-	1,016.50	1,021.96
Others	1	-	-	500.00	1,000.00	1,250.00	1,250.00	4,000.00	5,000.00
TBD	2	-	240.00	5,094.12	5,480.12	5,601.43	5,724.97	22,140.64	22,140.64
TOTAL	22	7,980.86	34,628.58	28,102.89	29,438.52	25,220.50	23,969.93	149,341.28	152,246.74

* May not be equal to the '2017-2022 investment targets' as total project cost may include investments prior to or after the 2017-2022 Plan period.

Table 8.5. PIP Investment Targets by Status/Level of Readiness

PROJECT READINESS	NO. OF PAPs	INVESTMENT TARGETS (IN ₱ MILLION)							
		2017	2018	2019	2020	2021	2022	2017-2022	Total Project Cost*
With Total Project Cost above ₱2.5 Billion									
Ongoing	22	34,295.20	132,603.28	78,019.08	79,921.75	82,027.97	79,830.89	486,698.17	517,978.76
Approved (Level 1)	2	7,448.52	9,406.78	8,766.60	4,615.35	2,995.92	801.88	34,035.05	34,035.05
Undergoing Approval Process (Level 2)	2	-	5,016.50	1,248.50	1,248.50	-	-	7,513.51	7,513.51
For Submission to the Approving Body (Level 3 and Level 4)	10	-	15,732.35	16,108.12	22,528.21	21,610.58	22,928.05	98,907.31	101,807.31
Subtotal	36	41,743.71	162,758.91	104,142.30	108,313.82	106,634.47	103,560.82	627,154.04	661,334.63
With Total Project Cost of ₱1 Billion - ₱2.5 Billion									
Ongoing	14	4,560.18	5,720.39	3,478.87	2,792.22	1,990.14	2,055.32	20,597.13	23,630.66
Approved (Level 1)	1	22.00	286.00	814.00	704.00	374.00	-	2,200.00	2,200.00
Undergoing Approval Process(Level 2)	3	6.50	2,335.17	542.00	240.00	240.00	240.00	3,603.67	3,609.13
For Submission to the Approving Body (Level 3 and Level 4)	3	-	3,307.91	944.90	678.90	-	-	4,931.71	4,931.71
Subtotal	21	4,588.68	11,649.47	5,779.77	4,415.12	2,604.14	2,295.32	31,332.51	34,371.50
With Total Project Cost below ₱1 Billion									
Ongoing	187	3,084.44	2,854.48	1,534.55	1,185.98	1,146.09	1,216.40	11,021.93	12,006.07
Approved (Level 1)	1	503.85	97.24	-	-	-	-	601.09	601.09
Undergoing Approval Process (Level 2)	20	5.00	861.83	1,030.40	430.08	337.27	241.58	2,906.17	2,934.30
For Submission to the Approving Body (Level 3 and Level 4)	36	243.37	3,475.02	2,781.65	1,688.41	644.78	543.07	9,376.29	9,420.89
Subtotal	244	3,836.65	7,288.56	5,346.60	3,304.47	2,128.15	2,001.05	23,905.47	24,962.34
TOTAL	301	50,169.04	181,696.94	115,268.66	116,033.42	111,366.76	107,857.20	682,392.02	720,668.48

* May not be equal to the '2017-2022 investment targets' as total project cost may include investments prior to or after the 2017-2022 Plan period.