

# 20

Ensuring  
Ecological  
Integrity, Clean  
and Healthy  
Environment

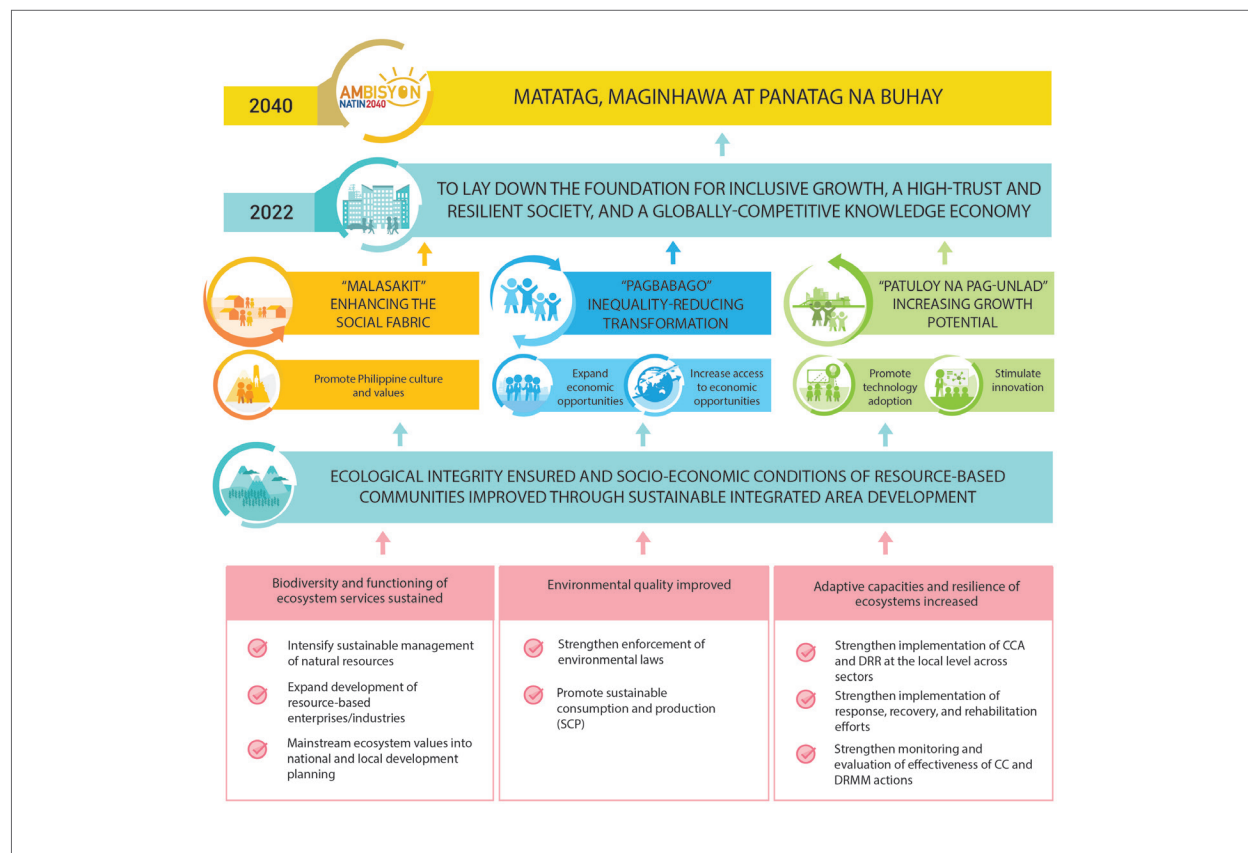


# Ensuring Ecological Integrity, Clean and Healthy Environment

Environment and Natural Resources (ENR) is critical in achieving the country's long-term vision of a *matatag, maginhawa, at panatag na buhay para sa lahat*. This is in view of the fact that ENR provides important ecosystem services that support key economic activities (i.e., agriculture, forestry, fisheries, industry, and services), resource-dependent communities, and vulnerable groups particularly those in hazard-prone areas. However, the sustainable provision of these ecosystem services is compromised by the continuous mismanagement, misuse, and overexploitation of our ENR.

In this regard, the overall goal for this plan period is to ensure ecological integrity and improve the socioeconomic conditions of resource-based communities through sustainable integrated area development. Three major outcomes that will support the attainment of this goal are: (a) sustained biodiversity and functioning of ecosystem services; (b) improved environmental quality; and (c) increased adaptive capacities and resilience of ecosystems. These outcomes will be achieved through the implementation of key strategies outlined in Figure 20.1.

**Figure 20.1. Strategic Framework to Ensure Ecological Integrity, Clean and Healthy Environment**



## LINKAGE WITH PDP AND ITS RESULTS MATRICES

A total of 195 programs and projects (PAPs), with investment targets amounting to ₱131,173.43 million for the period 2017-2022, will be carried out for the ENR sector. These PAPs will be implemented to contribute to the medium term targets outlined in Table 20.1 by the following agencies: Department of Environment and Natural Resources (DENR), Department of the Interior and Local Government (DILG), National Commission on Indigenous Peoples (NCIP), Department of Science and Technology (DOST), Pasig River Rehabilitation Commission (PRRC), and state universities and colleges (SUCs) including the Ramon Magsaysay Technological University (RMTU), Tarlac Agricultural University (TAU), and Southern Philippines Agri-Business and Marine and Aquatic School of Technology (SPAMAST).

Around 70.88 percent of this sector's investment targets for 2017-2022, which amounts to ₱92,980.27 million, is for PAPs that will contribute in the attainment of a sustained biodiversity and functioning of ecosystem services (Subsector Outcome 1). The remaining 29.12 percent of investment targets is for PAPs that will further improve environmental quality (Subsector Outcome 2) and continuously build ecosystem and communities resilience (Subsector Outcome 3). PAPs for Subsector Outcomes 2 and 3 have total investment targets of ₱15,999.75 million (12.20%) and ₱22,193.40 million (16.92%), respectively (*refer to Table 20.2.A*).

**Table 20.1. Plan Targets to Ensure Ecological Integrity, Clean and Healthy Environment**

INDICATOR	END-OF-PLAN TARGET	NATURE OF MAJOR PAPS
<b>Subsector Outcome 1: Biodiversity and functioning of ecosystem services sustained</b>		
Forest cover	Increasing	<ul style="list-style-type: none"> <li>Forest development, rehabilitation, maintenance, and protection</li> <li>Protected areas development and biodiversity conservation</li> </ul>
Quality of coastal and marine habitats	Improving quality	<ul style="list-style-type: none"> <li>Strengthened coastal and marine protection</li> <li>Collection of relevant baseline information and data</li> </ul>
Number of residential free patents issued	360,000	<ul style="list-style-type: none"> <li>Enhancement of land administration and titling system</li> </ul>
Employment from ecotourism and sustainable community resource-based enterprises	Increasing	<ul style="list-style-type: none"> <li>Capacity development on ecotourism development</li> </ul>
<b>Subsector Outcome 2: Environmental quality improved</b>		
Percentage of highly urbanized and other major urban centers within ambient air quality standard	Increasing	<ul style="list-style-type: none"> <li>Establishment and upgrade of monitoring stations</li> <li>Build the capacity and raise the awareness of relevant stakeholders (e.g., DENR-Environmental Management Bureau (EMB), local government units (LGUs), Provincial Environment and Natural Resources Officer on monitoring and enforcement of environmental laws)</li> </ul>
Percentage of priority water bodies within water quality guidelines	Increasing	
Area assessed and mapped for soil fertility status and soil fertility management	2,700,000 ha	n/a
Area of land degradation hotspots	2.0M ha	n/a
Solid waste diversion rate	80%	<ul style="list-style-type: none"> <li>Closure of dumpsites</li> <li>Formulation of local solid waste management (SWM) plans and establishment of SWM facilities</li> </ul>
<b>Subsector Outcome 3: Adaptive capacities and resilience of ecosystems increased</b>		
Resilience Index <sup>1</sup>	Increasing	<ul style="list-style-type: none"> <li>Build the capacity of stakeholders on the formulation of climate change adaptation-disaster risk reduction and management (CCA-DRRM) enhanced sectoral and local plans</li> <li>Improvement of early warning and weather/climate forecasting system</li> <li>Repair or establishment and maintenance of rehabilitation centers</li> </ul>

<sup>1</sup> A resilience index will still be developed based on existing technical studies.

## Biodiversity and functioning of ecosystem services sustained

Sustaining biodiversity and functioning of ecosystem services will involve intensifying interventions to manage the natural resources, expand sustainable resource-based enterprises, and mainstream ecosystem values into national and local development planning. For the period 2017-2022, the investment targets of DENR of around ₱89,580.79 million is for the implementation of its key flagship programs such as: (a) Enhanced National Greening Program which will reforest around 7.1 million hectares of unproductive, denuded, and degraded forestlands; (b) Coastal and Marine Ecosystem Management Program which will focus on the effective management of coastal and marine ecosystems to ensure food security, climate change resiliency, and disaster risk reduction of coastal communities; and (c) Land Administration and Management Program which intends to provide streamlined and cost-effective means of administrative titling, and contribute in providing security of tenure to occupants and possessors of untitled residential lands.

Moreover, to expand the development of sustainable resource-based industries, support to the development of protected areas for ecotourism will be provided. In particular, DENR will continue to implement the Ecotourism Development Program. This initiative is expected to generate income and employment to communities within these protected areas or those adjacent to it.

Other cross-cutting PAPs that are necessary to support ENR management will also be carried out, such as research and development, collection of relevant baseline information and data, land and coastal resource delineation and mapping, assessment of groundwater critical areas, and establishment of groundwater monitoring stations.

## Environmental quality improved

DENR will continue to implement PAPs that are geared towards strengthening the enforcement of environmental laws to ensure clean air and water, and healthy environment. In particular, DENR-EMB will continue to implement its major programs on clean air and water, and solid waste management with total investment targets of ₱9,154.72 million for 2017-2022. These programs focus on the establishment and maintenance of air and water quality monitoring stations, closure of open dumpsites, and provision of capacity-building activities to key stakeholders (e.g., LGUs in water quality management area and airshed governing boards in air quality management).

Supporting the aforementioned programs is the environmental education and information program of DENR. This information drive will serve as a catalyst to deepen understanding and knowledge sharing among stakeholders on environment management to enable them to contribute in the implementation of environmental laws and action plans in the long term.

Along with these DENR programs, the PRRC will also embark on 45 PAPs with total investment targets of ₱756.62 million. These PAPs will cover the implementation of water quality monitoring, improvements in different water networks, and rehabilitation and development of the Pasig River and its tributaries.

It should be noted that the Department of Agriculture - Bureau of Soils and Water Management's PAPs on soil quality are included in the list of PAPs under Chapter 8.

## Adaptive capacities and resilience of ecosystems increased

The implementation of CCA and DRRM measures across sectors, particularly at the local level will be strengthened. DILG will upscale the provision of technical assistance programs to LGUs such as integrating CCA and DRRM in policies, plans, and budgets, and developing bankable project proposals for funding through available local and international financing facilities (e.g., People's Survival Fund and Green Climate Fund). On the other hand, DOST will continue the implementation of the Philippine LIDAR 1 Project (2014-2019),<sup>2</sup> which aims to produce 3-D flood and hazard maps for two-thirds of the country's river systems. In addition, DOST has lined up 34 PAPs for 2017-2022 with total investment targets of ₱4,853.38 million to improve the government's early warning and weather/climate forecasting system through upgrading of software and hardware facilities, installing new and additional hazard monitoring stations, and continuous capacity-building of personnel.

The government has also increased the investment targets to strengthen institutional response to disasters over the medium term. This includes DILG's PAPs, with 2017-2022 investment targets of ₱17,144.02 million, on disaster preparedness, rehabilitation, recovery, and reconstruction, namely: (a) Post-Disaster Local Governance Support Programme; (b) Rebuilding Resilient Communities Against Calamities; and (c) Barangay Assistance and Community Evacuation Support Project.

In terms of improving effectiveness of CCA and DRRM actions, monitoring and evaluation will be continuously strengthened. The Climate Change Commission has already initiated works towards establishment of resilience metrics and inventory of greenhouse gas emissions in relevant sectors such as transport, waste, energy, agriculture, land use change, and forestry.

## HIGHLIGHTS OF THE PIP CHAPTER

### Implementing Agency

One hundred ninety-five PAPs will be implemented by key agencies such as DENR, NCIP, DILG, DOST, PRRC, and SUCs. With 89 PAPs, DENR has the most number of PAPs for the sector, with 79.95 percent of the investment targets for 2017-2022. DILG and DOST accounted for 13.18 percent and 5.76 percent of investment targets, respectively. The remaining investment targets are for PAPs of NCIP, PRRC, and SUCs (*refer to Table 20.3.A*).

Of the total PAPs, eight are categorized as Core Investment Programs/Projects (CIPs) with total investment targets of ₱16,174.44 million or 12.33 percent of the total investment targets for 2017-2022. These CIPs will be implemented by DENR and DILG with investment targets of ₱8,904.87 million (55.06%) and ₱7,269.57 million (44.94%), respectively (*refer to Table 20.3.B*).

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<sup>2</sup> LIDAR stands for Light Detection and Ranging and is the continuation of the Nationwide Disaster Risk and Exposure Assessment for Mitigation Program

## Spatial Coverage

Out of the ₱131,173.43 million investment targets for the sector in 2017-2022, about 69.10 percent will be implemented nationwide, 29.02 percent are interregional in scope, and 1.87 percent are region-specific. Of the region-specific PAPs, National Capital Region (NCR), MIMAROPA, Central Visayas, and Eastern Visayas account for 90.40 percent of the total investment targets, where NCR has the highest share of investment targets and most number of PAPs (*refer to Table 20.4.A*).

In terms of 2017-2022 investment targets provided in Table 20.4.B, 90.44 percent of the total CIP investment targets are for PAPs with interregional spatial coverage. The remaining 9.56 percent of the investment targets are for PAPs with nationwide coverage.

## Mode of Implementation

Of the total investment targets dedicated for the implementation of priority PAPs for 2017-2022, 91.25 percent or ₱119,697.36 million will be funded through local funds. The remaining 8.60 percent will be funded through official development assistance (ODA). Lastly, the mode of implementation of the remaining three PAPs under the sector is yet to be determined (*refer to Table 20.5.A*).

For the CIPs, 90.44 percent of the investment targets will be sourced locally and 9.56 percent will be funded through ODA (*refer to Table 20.5.B*).

## Status/Level of Readiness

In terms of status of implementation, 109 out of 195 (55.90%) PAPs are already ongoing. Of these, only eight PAPs have a total project cost above ₱2.5 billion, while majority cost below ₱1 billion (*refer to Table 20.6*).

With regard to readiness of implementation, eight PAPs have already been approved for implementation, while 28 PAPs are undergoing approval process. The remaining 50 PAPs, with investment targets of about ₱27,118.63 million for 2017-2022, are still for submission to the respective approving body.

# SUMMARY TABLES

**Table 20.2.A. PIP Investment Targets by Outcome**

SECTOR OUTCOME	NO. OF PAPS	INVESTMENT TARGETS (IN ₱ MILLION)							TOTAL PROJECT COST*
		2017	2018	2019	2020	2021	2022	2017-2022	
<b>Sector Outcome:</b> Ecological integrity, clean and healthy environment ensured									
<b>Subsector Outcome 1:</b> Biodiversity and functioning of ecosystem services sustained	89	11,047.17	22,378.64	16,919.40	15,848.83	13,285.97	13,500.27	92,980.27	130,458.32
<b>Subsector Outcome 2:</b> Environmental quality improved	65	1,890.99	3,127.64	3,015.74	3,006.68	2,538.20	2,420.50	15,999.75	19,135.05
<b>Subsector Outcome 3:</b> Adaptive capacities and resilience of ecosystems increased	42	2,430.50	11,356.58	5,141.73	3,032.60	116.00	116.00	22,193.40	24,802.97
<b>TOTAL</b>	<b>195</b>	<b>15,368.66</b>	<b>36,862.85</b>	<b>25,076.86</b>	<b>21,888.11</b>	<b>15,940.17</b>	<b>16,036.77</b>	<b>131,173.43</b>	<b>174,396.33</b>

\* 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 20.2.B. CIP Investment Targets by Outcome**

SECTOR OUTCOME	NO. OF PAPS	INVESTMENT TARGETS (IN ₱ MILLION)							TOTAL PROJECT COST*
		2017	2018	2019	2020	2021	2022	2017-2022	
<b>Sector Outcome:</b> Ecological integrity, clean and healthy environment ensured									
<b>Subsector Outcome 1:</b> Biodiversity and functioning of ecosystem services sustained	4	309.39	1,368.39	1,368.39	1,368.39	1,368.39	1,059.01	6,841.97	8,338.30
<b>Subsector Outcome 2:</b> Environmental quality improved	2	-	687.63	687.63	687.63	-	-	2,062.90	2,062.90
<b>Subsector Outcome 3:</b> Adaptive capacities and resilience of ecosystems increased	2	-	2,468.29	3,304.55	1,496.73	-	-	7,269.57	7,269.57
<b>TOTAL</b>	<b>8</b>	<b>309.39</b>	<b>4,524.32</b>	<b>5,360.58</b>	<b>3,552.76</b>	<b>1,368.39</b>	<b>1,059.01</b>	<b>16,174.44</b>	<b>17,670.77</b>

\* 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 20.3.A. PIP Investment Targets by Implementing Agency**

AGENCY	NO. OF PAPS	INVESTMENT TARGETS (IN ₱ MILLION)						2017-2022	TOTAL PROJECT COST*
		2017	2018	2019	2020	2021	2022		
<b>CHED</b>	<b>3</b>	-	<b>12.30</b>	<b>37.30</b>	<b>7.30</b>	<b>7.30</b>	<b>7.30</b>	<b>71.50</b>	<b>71.50</b>
RMTU	1	-	4.30	4.30	4.30	4.30	4.30	21.50	21.50
SPAMAST	1	-	8.00	3.00	3.00	3.00	3.00	20.00	20.00
TAU	1	-	-	30.00	-	-	-	30.00	30.00
<b>DENR</b>	<b>89</b>	<b>12,718.81</b>	<b>23,790.00</b>	<b>18,882.90</b>	<b>18,079.40</b>	<b>15,657.44</b>	<b>15,741.38</b>	<b>104,869.93</b>	<b>145,177.90</b>
DENR (Main)	62	10,291.89	20,568.70	16,213.49	15,390.65	12,793.38	12,981.54	88,239.64	124,746.64
BMB	4	9.07	6.09	6.09	4.08	4.08	-	29.41	52.87
BMB, BFAR	1	60.73	89.12	66.19	-	-	-	216.05	336.00
EMB	9	1,419.67	1,457.58	1,501.27	1,546.26	1,591.10	1,638.84	9,154.72	12,086.69
MGB	1	36.14	29.22	24.41	24.61	24.82	25.02	164.22	164.22
NAMRIA	8	872.29	1,602.29	1,034.45	1,068.30	1,177.16	1,029.09	6,783.58	7,460.15
NWRB	4	29.00	37.00	37.00	45.50	66.90	66.90	282.30	331.32
<b>DILG</b>	<b>7</b>	<b>103.00</b>	<b>9,317.88</b>	<b>4,702.91</b>	<b>2,958.23</b>	<b>106.00</b>	<b>106.00</b>	<b>17,294.02</b>	<b>17,564.41</b>
DILG (Main)	5	27.00	9,241.88	4,626.91	2,882.23	30.00	30.00	16,838.02	16,995.41
LGA	2	76.00	76.00	76.00	76.00	76.00	76.00	456.00	569.00
<b>DOST</b>	<b>49</b>	<b>2,339.57</b>	<b>3,339.04</b>	<b>1,187.31</b>	<b>610.51</b>	<b>40.00</b>	<b>40.00</b>	<b>7,556.44</b>	<b>10,129.65</b>
DOST (Main)	3	492.55	250.89	232.50	40.00	40.00	40.00	1,095.94	3,181.65
PAGASA	23	1,697.29	1,637.92	110.00	-	-	-	3,445.21	3,715.89
PCAARRD	16	77.85	1,353.37	783.83	506.14	-	-	2,721.20	2,823.23
PHIVOLCS	7	71.88	96.87	60.98	64.37	-	-	294.09	408.88
<b>PRRC</b>	<b>45</b>	<b>179.14</b>	<b>323.25</b>	<b>151.34</b>	<b>102.89</b>	<b>-</b>	<b>-</b>	<b>756.62</b>	<b>827.95</b>
<b>OCS</b>	<b>2</b>	<b>28.15</b>	<b>80.38</b>	<b>115.10</b>	<b>129.78</b>	<b>129.43</b>	<b>142.09</b>	<b>624.92</b>	<b>624.92</b>
NCIP	2	28.15	80.38	115.10	129.78	129.43	142.09	624.92	624.92
<b>TOTAL</b>	<b>195</b>	<b>15,368.66</b>	<b>36,862.85</b>	<b>25,076.86</b>	<b>21,888.11</b>	<b>15,940.17</b>	<b>16,036.77</b>	<b>131,173.43</b>	<b>174,396.33</b>

\* 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 20.3.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	
DENR	7	309.39	2,056.03	2,056.03	2,056.03	1,368.39	1,059.01	8,904.87	10,401.20
DILG	1	-	2,468.29	3,304.55	1,496.73	-	-	7,269.57	7,269.57
<b>TOTAL</b>	<b>8</b>	<b>309.39</b>	<b>4,524.32</b>	<b>5,360.58</b>	<b>3,552.76</b>	<b>1,368.39</b>	<b>1,059.01</b>	<b>16,174.44</b>	<b>17,670.77</b>

\* 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 20.4.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	
<b>Nationwide</b>	<b>63</b>	<b>10,699.79</b>	<b>20,517.51</b>	<b>16,341.46</b>	<b>15,480.21</b>	<b>13,634.13</b>	<b>13,972.68</b>	<b>90,645.78</b>	<b>128,213.16</b>
<b>Interregional</b>	<b>63</b>	<b>4,183.91</b>	<b>15,275.72</b>	<b>8,314.58</b>	<b>6,121.44</b>	<b>2,205.92</b>	<b>1,969.06</b>	<b>38,070.62</b>	<b>43,316.71</b>
<b>Region-specific</b>	<b>69</b>	<b>484.96</b>	<b>1,069.63</b>	<b>420.82</b>	<b>286.46</b>	<b>100.12</b>	<b>95.03</b>	<b>2,457.02</b>	<b>2,866.46</b>
NCR	49	367.46	427.53	163.04	108.99	6.28	6.47	1,079.78	1,421.79
Region III	4	14.95	11.99	34.30	4.30	4.30	4.30	74.14	83.14
CALABARZON	4	22.69	30.80	26.36	24.50	-	-	104.35	108.65
MIMAROPA	1	55.33	117.55	101.27	100.66	86.53	81.26	542.61	542.61
Region V	2	0.77	9.55	12.58	3.80	-	-	26.70	28.44
Region VI	1	1.32	0.26	-	-	-	-	1.58	4.20
Region VII	2	2.50	402.50	-	-	-	-	405.00	405.00
Region VIII	2	17.31	55.45	79.77	41.20	-	-	193.73	243.50
Region X	1	-	5.00	-	-	-	-	5.00	5.00
Region XI	1	-	8.00	3.00	3.00	3.00	3.00	20.00	20.00
Caraga	2	2.64	1.00	0.50	-	-	-	4.14	4.14
<b>TOTAL</b>	<b>195</b>	<b>15,368.66</b>	<b>36,862.85</b>	<b>25,076.86</b>	<b>21,888.11</b>	<b>15,940.17</b>	<b>16,036.77</b>	<b>131,173.43</b>	<b>174,396.33</b>

\* 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 20.4.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	
<b>Nationwide</b>	<b>4</b>	<b>309.39</b>	<b>309.39</b>	<b>309.39</b>	<b>309.39</b>	<b>309.39</b>	-	<b>1,546.93</b>	<b>1,546.93</b>
<b>Interregional</b>	<b>4</b>	-	<b>4,214.93</b>	<b>5,051.19</b>	<b>3,243.37</b>	<b>1,059.01</b>	<b>1,059.01</b>	<b>14,627.51</b>	<b>16,123.84</b>
<b>TOTAL</b>	<b>8</b>	<b>309.39</b>	<b>4,524.32</b>	<b>5,360.58</b>	<b>3,552.76</b>	<b>1,368.39</b>	<b>1,059.01</b>	<b>16,174.44</b>	<b>17,670.77</b>

\* 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 20.5.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)	165	12,543.68	32,838.39	23,468.95	20,675.83	14,757.41	15,413.11	119,697.36	159,200.66
ODA	27	2,824.98	3,972.46	1,504.92	1,172.28	1,182.76	623.66	11,281.06	15,000.67
TBD	3	-	52.00	103.00	40.00	-	-	195.00	195.00
<b>TOTAL</b>	<b>195</b>	<b>15,368.66</b>	<b>36,862.85</b>	<b>25,076.86</b>	<b>21,888.11</b>	<b>15,940.17</b>	<b>16,036.77</b>	<b>131,173.43</b>	<b>174,396.33</b>

\* 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 20.5.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)	4	-	4,214.93	5,051.19	3,243.37	1,059.01	1,059.01	14,627.51	16,123.84
ODA	3	309.39	309.39	309.39	309.39	309.39	-	1,546.93	1,546.93
TBD	1	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>8</b>	<b>309.39</b>	<b>4,524.32</b>	<b>5,360.58</b>	<b>3,552.76</b>	<b>1,368.39</b>	<b>1,059.01</b>	<b>16,174.44</b>	<b>17,670.77</b>

\* 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 20.6. PIP Investment Targets by Status/Level of Readiness**

PROJECT READINESS	NO. OF PAPS	INVESTMENT TARGETS (IN ₱ MILLION)							TOTAL PROJECT COST*
		2017	2018	2019	2020	2021	2022	2017-2022	
<b>With Total Project Cost above ₱2.5 Billion</b>									
Ongoing	8	10,444.87	20,248.11	12,317.16	11,863.81	10,031.79	10,619.98	75,525.72	110,512.39
Undergoing Approval Process (Level 2)	1	-	850.20	850.20	850.20	850.20	850.20	4,250.98	4,250.98
For Submission to the Approving Body (Level 3 and Level 4)	3	-	5,030.08	5,197.26	3,303.11	1,424.43	1,423.94	16,378.83	17,875.15
<b>Subtotal</b>	<b>12</b>	<b>10,444.87</b>	<b>26,128.38</b>	<b>18,364.62</b>	<b>16,017.11</b>	<b>12,306.42</b>	<b>12,894.12</b>	<b>96,155.53</b>	<b>132,638.52</b>
<b>With Total Project Cost of ₱1 Billion - ₱2.5 Billion</b>									
Ongoing	4	943.71	757.49	754.68	635.58	592.26	592.83	4,276.55	7,474.03
Approved (Level 1)	1	-	86.30	529.73	529.73	-	-	1,145.76	1,145.76
Undergoing Approval Process (Level 2)	2	309.39	712.82	575.51	571.81	541.76	276.33	2,987.62	2,987.62
For Submission to the Approving Body (Level 3 and Level 4)	4	112.70	2,362.38	1,796.92	1,577.32	874.35	874.35	7,598.01	7,598.01
<b>Subtotal</b>	<b>11</b>	<b>1,365.80</b>	<b>3,918.99</b>	<b>3,656.85</b>	<b>3,314.43</b>	<b>2,008.37</b>	<b>1,743.51</b>	<b>16,007.94</b>	<b>19,205.41</b>
<b>With Total Project Cost below ₱1 Billion</b>									
Ongoing	97	3,139.81	3,053.40	1,459.17	1,341.50	1,078.58	1,114.68	11,187.15	14,658.76
Approved (Level 1)	7	221.29	835.13	333.79	355.33	294.03	97.80	2,137.36	2,184.86
Undergoing Approval Process (Level 2)	25	65.33	1,955.44	315.25	132.91	70.41	4.30	2,543.65	2,543.65
For Submission to the Approving Body (Level 3 and Level 4)	43	131.55	971.51	947.20	726.82	182.36	182.36	3,141.79	3,165.12
<b>Subtotal</b>	<b>172</b>	<b>3,557.99</b>	<b>6,815.48</b>	<b>3,055.40</b>	<b>2,556.57</b>	<b>1,625.38</b>	<b>1,399.14</b>	<b>19,009.96</b>	<b>22,552.40</b>
<b>TOTAL</b>	<b>195</b>	<b>15,368.66</b>	<b>36,862.85</b>	<b>25,076.86</b>	<b>21,888.11</b>	<b>15,940.17</b>	<b>16,036.77</b>	<b>131,173.43</b>	<b>174,396.33</b>

\* 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.