



REPUBLIC OF THE PHILIPPINES  
NATIONAL ECONOMIC AND DEVELOPMENT AUTHORITY  
MIMAROPA REGION

# Palawan Rehabilitation and Recovery Program for Areas Affected by Typhoon Odette

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Regional Director

Regional Disaster Risk Reduction and Management Meeting  
February 16 | 10:00 AM



National Economic and Development Authority



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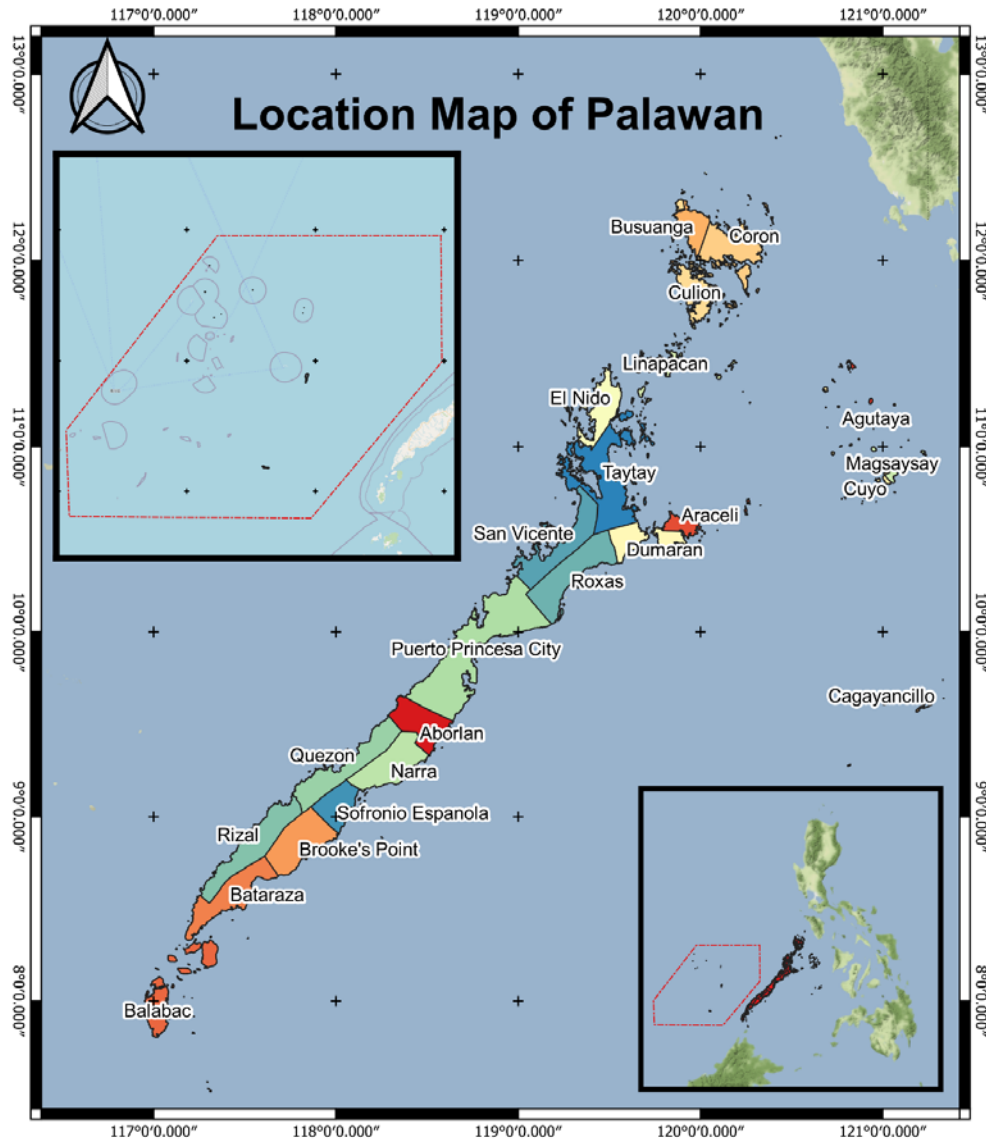
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# Outline of Presentation

- Background and Description of Affected Areas
- Description of Hazard Event
- Assessment of the Effects of the Disaster
- Immediate and Early Responses
- Rehabilitation and Recovery Framework
- Objectives of the Program
- Rehabilitation and Recovery Strategies
- Development Objectives and Targets
- Proposed Spatial Strategy of Palawan
- Financing and Investment Requirements
- Mechanism for Monitoring and Evaluation
- Communication Strategy



# Background and Description of Affected Areas



- Largest province in the Philippines with a total land area of approximately 1.451 million hectares or roughly 5% of the country's 30 million hectares and 54% of the total MIMAROPA land area;
- Known as the country's "last frontier," Palawan is considered one of the most bio-diverse and ecologically pristine areas in the country;
- Composed of 1,769 islands and islets with a total coastline of 1,959 kilometers;
- 23 municipalities, one highly-urbanized city, and 432 barangays;
- Total population of 1,246,673 as of May 01, 2020

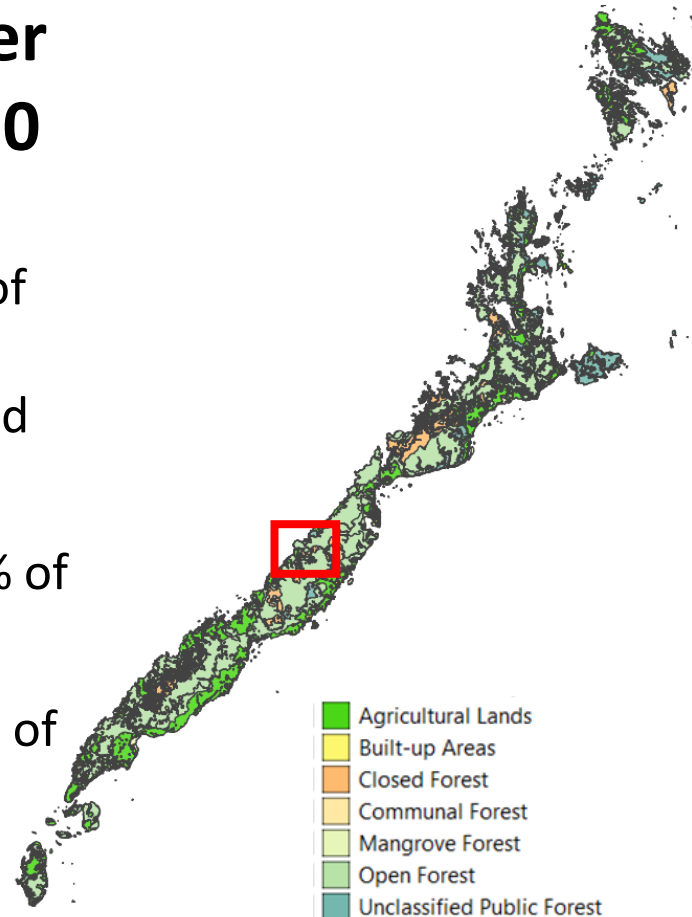


# Background and Description of Affected Areas

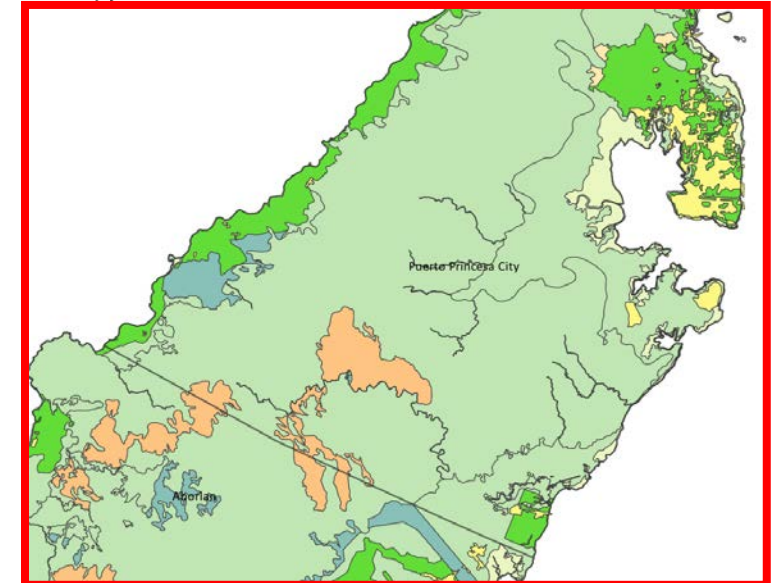
## Socioeconomic Profile

### Land Use – Land Cover Map of Palawan, 2010

- In 2010, the total built-up area of Palawan was 13,782 hectares, accounting to 1% of its total land area
- Agricultural lands represent 22% of total land area
- Forest lands correspond to 77% of total land area

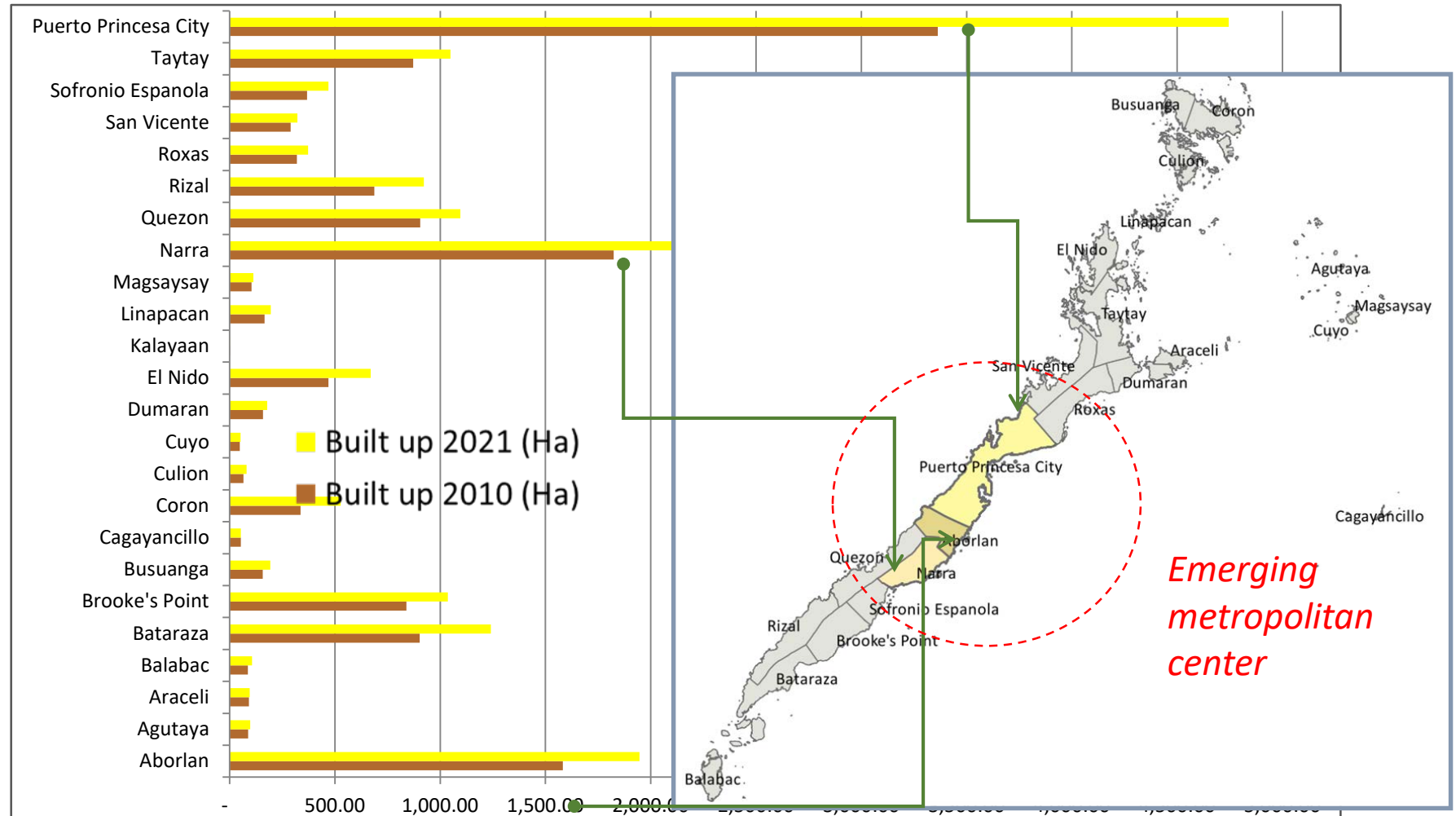


Land Use/ Land Cover	Area (Has)	% Share
Agricultural Lands	314,828.93	21.70
Built-up Areas	13,782.74	0.95
Closed Forest	86,861.46	5.99
Communal Forest	1,149.70	0.08
Mangrove Forest	63,608.71	4.38
Open Forest	803,568.42	55.39
Unclassified Public Forest	167,068.37	11.52
<b>Total</b>	<b>1,450,868.34</b>	<b>100.00</b>



# Background and Description of Affected Areas

- Palawan's total built-up area of 13,783 hectares in 2010 was estimated to expand to 17,795 hectares in 2021
- Built-up development momentum is strong in Puerto Princesa City, Narra, and Aborlan

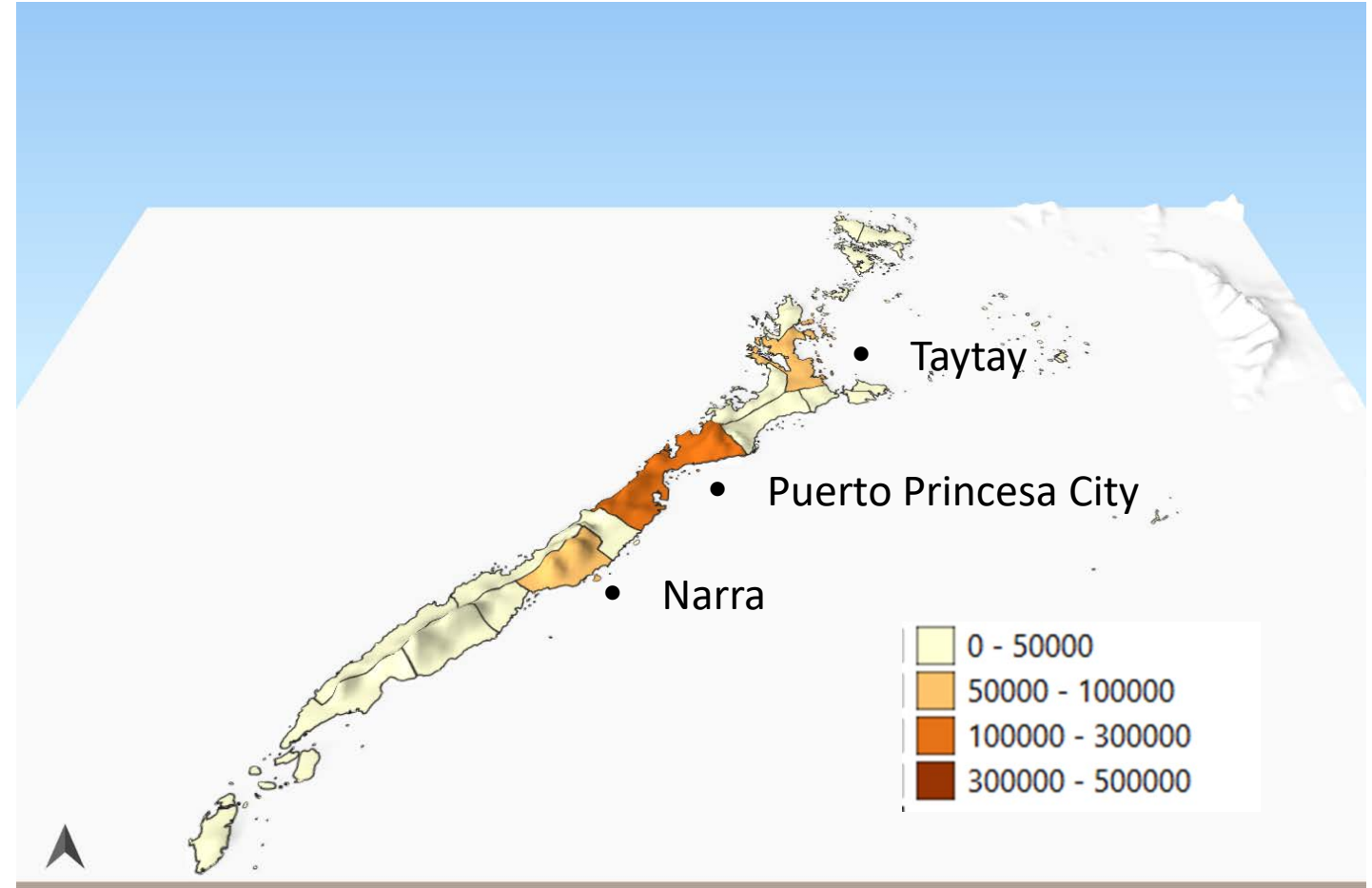




# Background and Description of Affected Areas

## Population in 2000

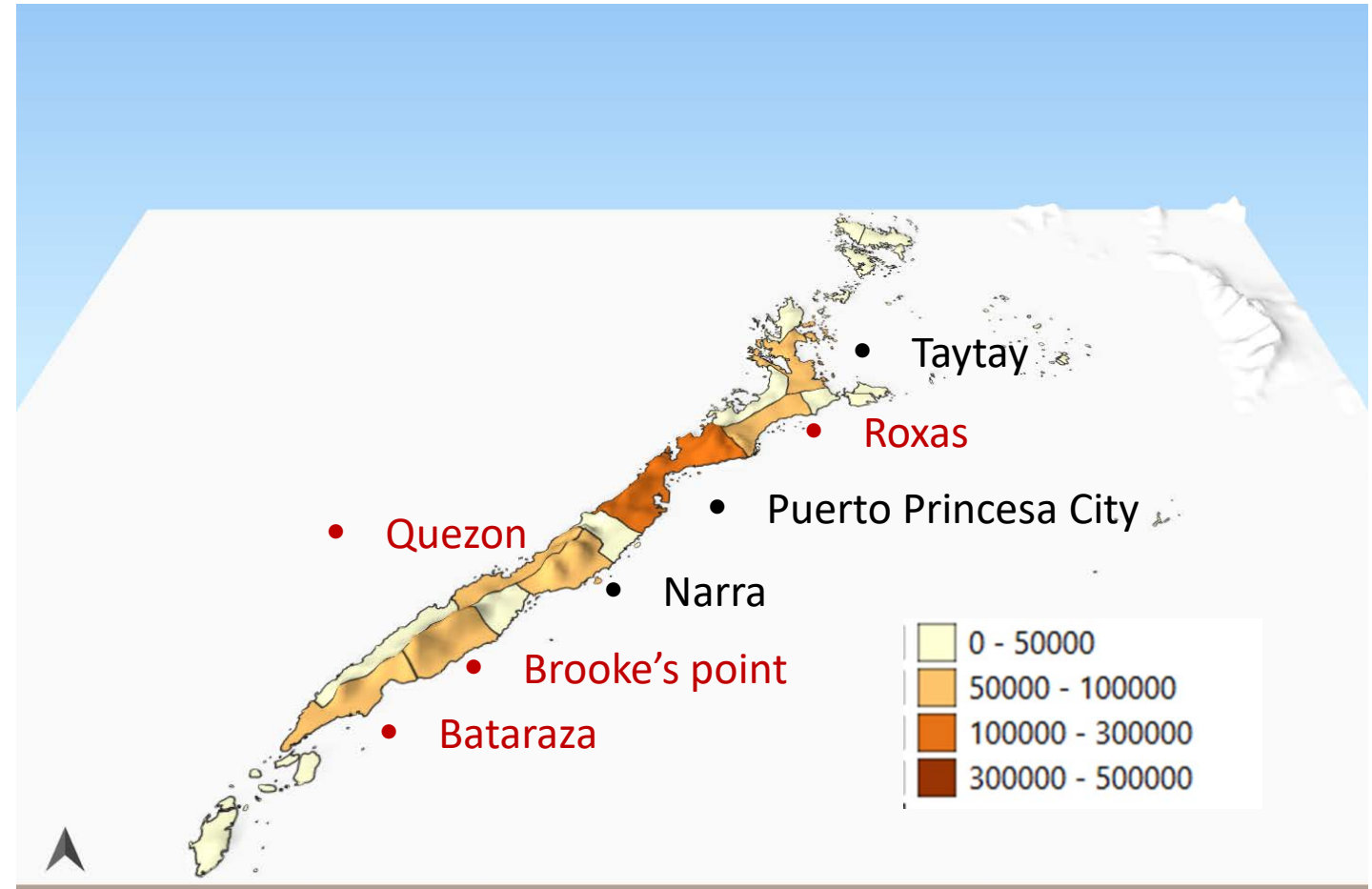
- In 2000, most of the municipalities of Palawan were considered small towns ( $\leq 50,000$ ) in terms of population level
- Taytay and Narra were in medium town category
- Puerto Princesa may already be considered then as a large town



# Background and Description of Affected Areas

## Population in 2010

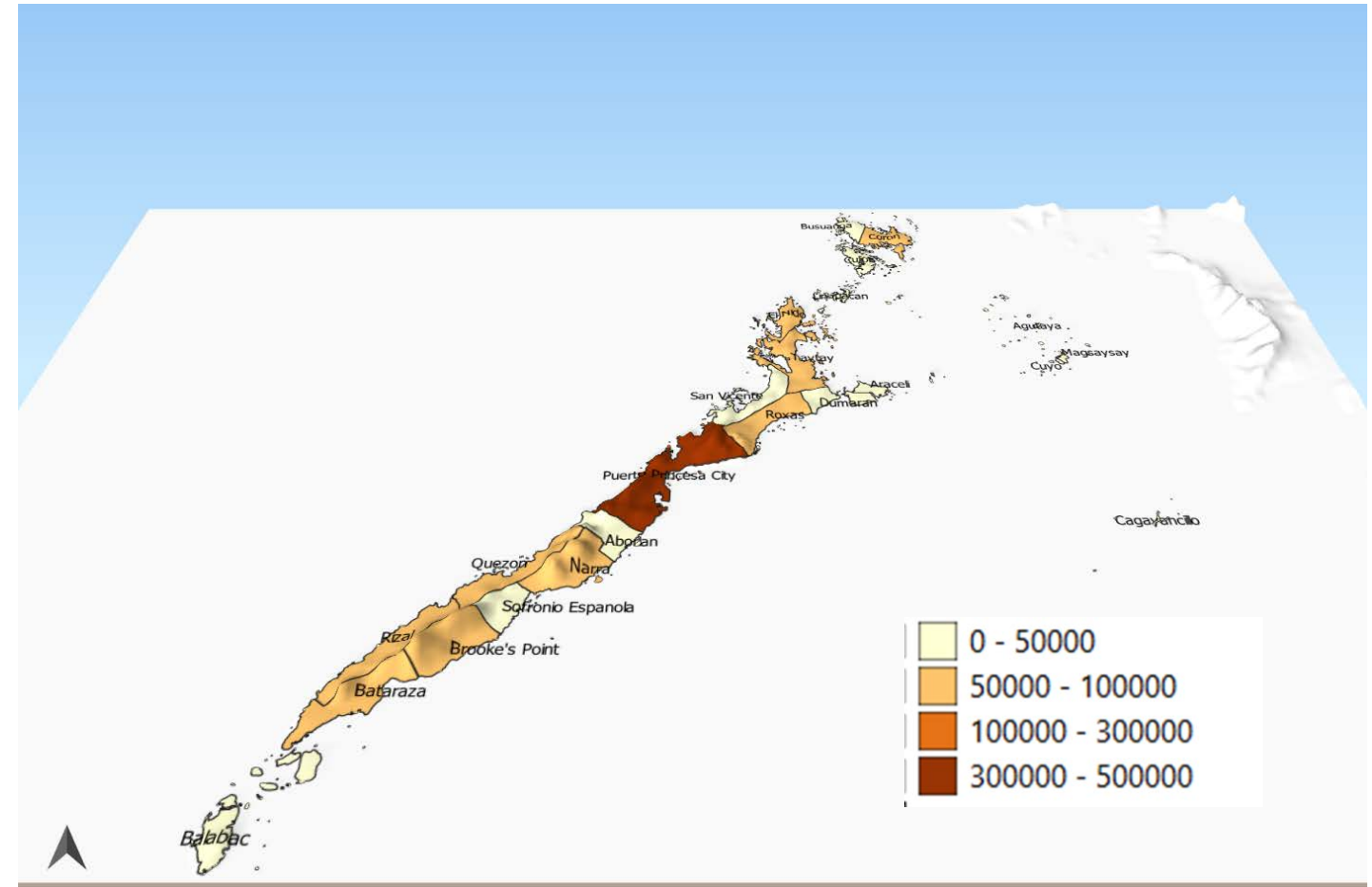
- Roxas, Quezon, Brooke's Point, and Bataraza reached or breached the medium town population category in 2010
- Areas south of Puerto Princesa expanded faster than those in the North



# Background and Description of Affected Areas

## Population in 2020

- In 2020, Puerto Princesa City reached the upper tier – very large town category
- Other areas north of PPC, including El Nido and Coron reached the medium town population level, also in 2020

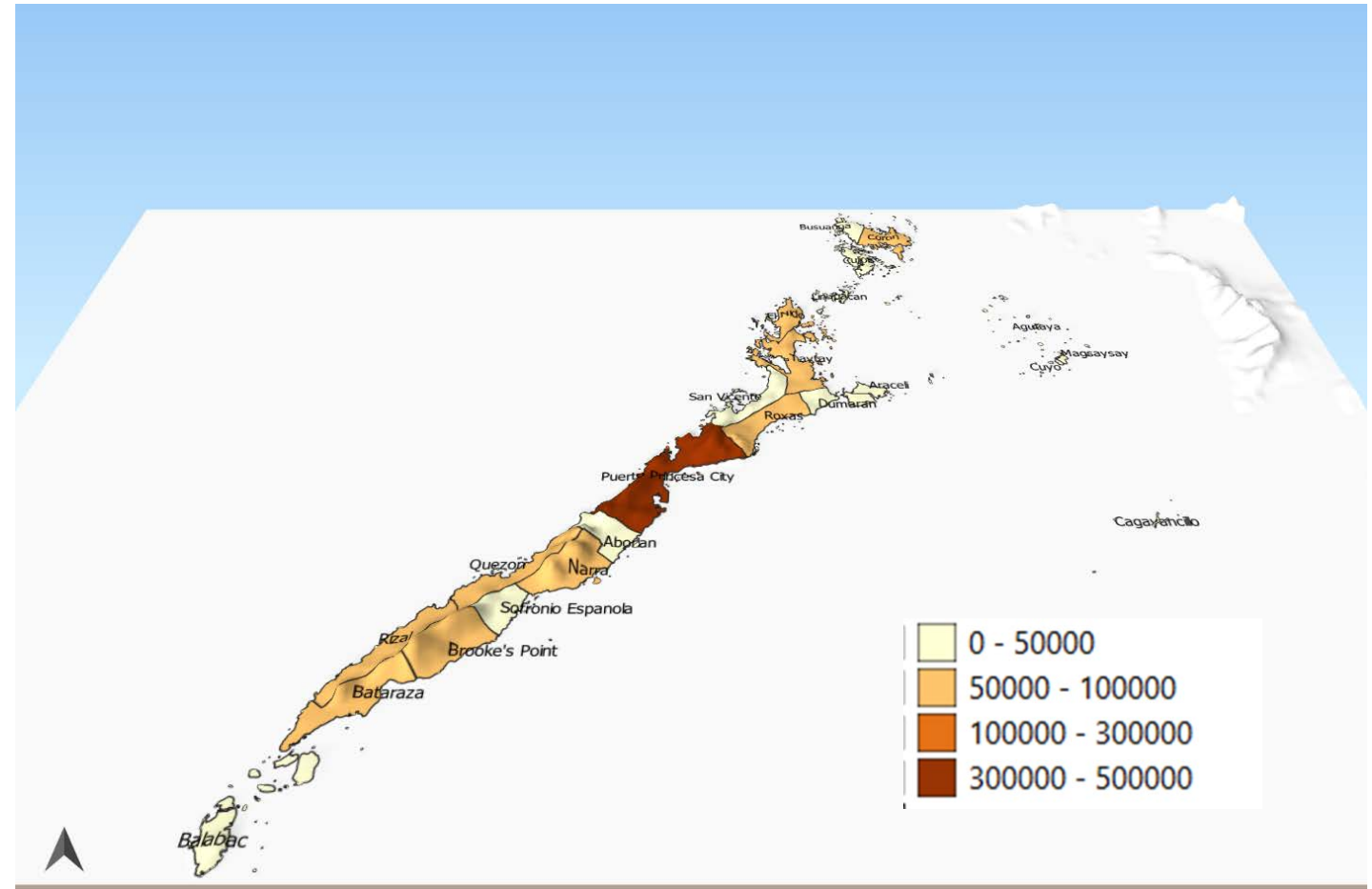




# Background and Description of Affected Areas

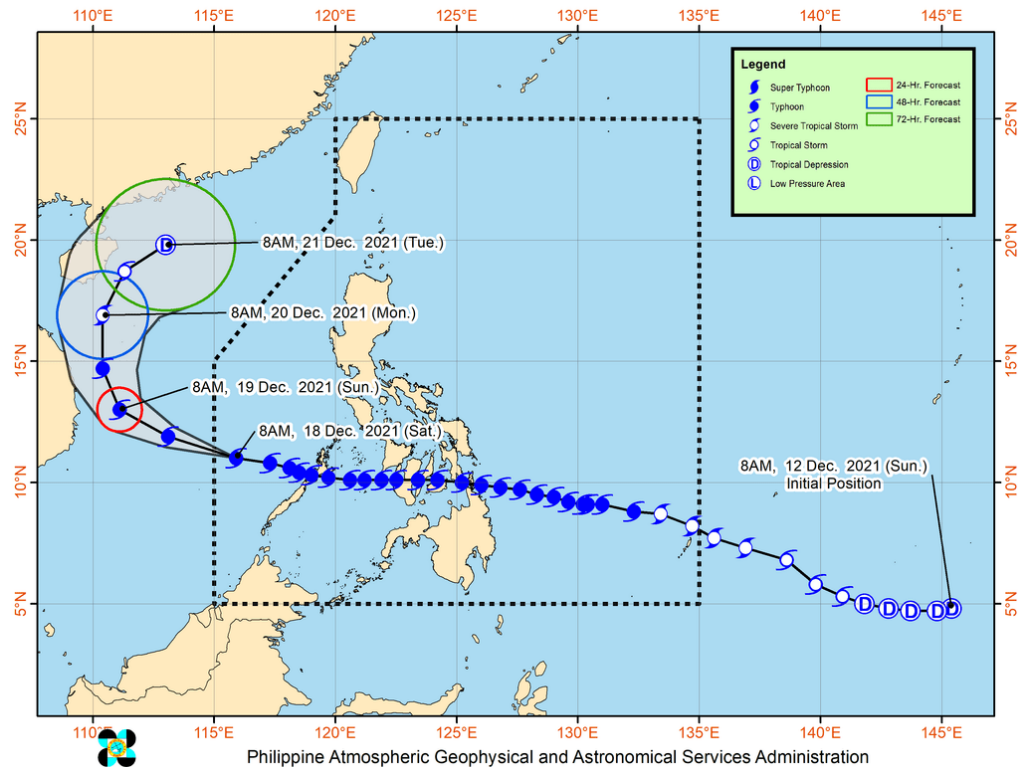
## Population in 2020

- While population may be a strong driver of urbanization, built-up area expansion is an equally important indicator of socioeconomic growth
- The contiguous areas of Puerto Princesa, Aborlan, and Narra, by virtue of population and built-up development, may be converging to form a metropolitan area



# Description of Hazard Event

## Track and Strength of Typhoon Odette

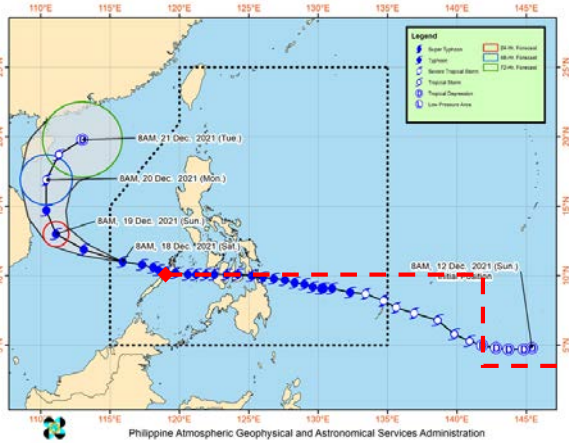


- In December 2021, Typhoon Odette made several landfalls starting from the Pacific seaboard, before cutting through Roxas, Palawan, and exiting PAR in WPS
- PPC and 8 of 23 municipalities of Palawan were severely affected
- To build-back better and to achieve resiliency, a recovery and rehabilitation program (RRP) is needed



# Description of Hazard Event

## Track and Strength of Typhoon Odette



- An upland community in Langogan, Puerto Princesa City, some 35 kilometers from the typhoon eye
- Extent of damage shown on site photos vis-à-vis satellite image



Ty Odette Aftermath



Source: NEDA Mimaropa  
January 2022

Pre-Ty Odette



Source: Maps-IOS



# Description of Hazard Event

## Geographic Extent and Affected Population



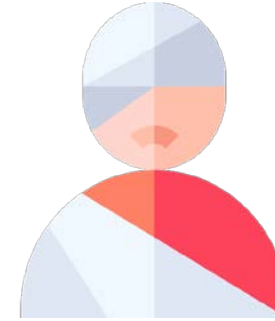
**118,276 families  
consist of  
395,433 individuals**



**55,086 families or  
237,608 evacuated  
individuals**



**25 deaths**



**2 injured**



**4 missing**

# Description of Hazard Event

## Declaration of State of Calamity

- Five municipalities, and the whole province of Palawan issued declaration of state of calamity by virtue of local resolutions
- On December 21, 2021, President Rodrigo Roa Duterte signed Proclamation No. 1267 declaring a state of calamity in regions MIMAROPA, VI (Central Visayas), VII (Central Visayas), VIII (Eastern Visayas), X (Northern Mindanao), and CARAGA

Province/City/Municipality	Date	Resolution
<b>Municipality of Cagayancillo</b>	Dec. 20, 2021	Municipal Resolution No. 422, s. 2021
<b>Municipality of Roxas</b>	Dec. 20, 2021	Resolution No. 596, s. 2021
<b>Whole Province of Palawan</b>	Dec. 21, 2021	Provincial Resolution No. 16377, s. 2021
<b>Municipality of Aborlan</b>	Dec. 21, 2021	Municipal Resolution No. 507, s. 2021
<b>Municipality of Kalayaan</b>	Dec. 21, 2021	Municipal Resolution No. 116-014, s. 2021
<b>Municipality of San Vicente</b>	Dec. 21, 2021	Municipal Resolution No. 2021-132
<b>City of Puerto Princesa</b>	Dec. 22, 2021	Resolution No. 1509, s.2021







# Assessment of the Effects of the Disaster

## Physical Assessment

- Destroyed infrastructure
- Fallen and uprooted trees
- Flooding incidents in low lying areas
- Soil erosion and landslides
- Storm surges in coastal areas



# Assessment of the Effects of the Disaster

## Socioeconomic Assessment



### Productive Sector

Damages: ₱1.48 billion

Losses: ₱2.09 billion



### Social Sector

Damages: ₱ 2.25 billion

Losses: ₱ 2.02 billion



### Infrastructure Sector

Damages: ₱371.2 million

Losses: ₱99.5 million



### Cross Sectoral

Damages: ₱285.7 million

Losses: ₱24.7 million

**Total Damages: ₱4.39 billion**

**Total Losses: ₱4.24 billion**

# Assessment of the Effects of the Disaster

## Productive Sector

Sector/Subsector	Damages (in ₱)	Losses (in ₱)
Productive	1,484,802,001.63	2,093,464,266.40
Agriculture and Fisheries	1,077,463,571.63	1,796,411,599.39
Crops	213,209,474.29	1,298,410,589.89
Livestock and Poultry	0.00	62,642,098.50
Fisheries	814,894,414.58	435,238,911.00
Forest / Agroforestry	0.00	0.00
Irrigation Facilities	33,425,682.76	120,000.00
Agricultural Assets	15,934,000.00	0.00
Mining and Quarrying	3,695,000.00	274,000.00
Industry, Trade, & Services	61,184,736.00	79,237,965.00
Tourism	342,458,694.00	217,540,702.01



### Agriculture and Fisheries

**Damages: ₱1.07 billion**

**Losses: ₱1.79 billion**



### Trade Industry and Services

**Damages: ₱61.18 million**

**Losses: ₱79.23 million**



### Mining and Quarrying

**Damages: ₱3.69 million**

**Losses: ₱0.27 million**



### Tourism

**Damages: ₱342.45 million**

**Losses: ₱217.54 million**

# Assessment of the Effects of the Disaster

## Social Sector

Sector/Subsector	Damages (in ₱)	Losses (in ₱)
Social	2,257,131,557.92	2,026,205,559.80
Housing	1,522,952,856.97	2,020,603,241.25
Education	694,240,222.18	4,737,500.00
Health	39,938,478.77	864,818.55



### Education

**Damages: ₱694.24 million**  
**Losses: ₱4.74 million**



### Housing

**Damages: ₱1.52 billion**  
**Losses: ₱2.02 billion**

**Totally Damaged Houses: 15,463**  
**Partially Damaged Houses: 74,319**



### Health

**Damages: ₱39.94 million**  
**Losses: ₱0.86 million**

# Assessment of the Effects of the Disaster

## Infrastructure Sector

Sector/Subsector	Damages (in ₱)	Losses (in ₱)
Infrastructure	371,261,933.90	99,554,511.46
Power	57,266,405.90	39,764,228.35
Water Supply	35,397,228.00	48,955,280.03
Transportation	257,833,800.00	10,809,503.08
Roads	81,098,625.00	6,792,503.08
Bridges	159,980,000.00	3,847,000.00
Airport	0.00	0.00
Seaports	16,755,175.00	170,000.00
Flood Control	20,764,500.00	25,500.00
Telecommunication	0.00	0.00



### Power

**Damages: ₱57.26 Million**  
**Losses: ₱ 39.76 Million**



### Water Supply

**Damages: ₱36.39 Million**  
**Losses: ₱48.95 Million**



### Telecommunication

**Damages: ₱0.00**  
**Losses: ₱0.00**



### Flood Control

**Damages: ₱20.76 million**  
**Losses: ₱0.025 million**



### Transportation

**Damages: ₱257.83 million**  
**Losses: ₱10.80 million**



# Assessment of the Effects of the Disaster

## Cross Sectoral

Sector/Subsector	Damages (in ₱)	Losses (in ₱)
Cross Sectoral	285,742,314.59	24,792,723.87
Governance and DRRM	188,531,206.75	5,350,502.30
Environment	97,211,107.84	19,442,221.57



### Governance and DRRM

Damages: ₱188.53 million

Losses: ₱5.35 million



### Environment

Damages: ₱97.21 million

Losses: ₱19.44 million



# Assessment of the Effects of the Disaster

## Cross Sectoral - Social Impact

- More complicated evacuation of individuals due to physical distancing implemented brought about by the pandemic
- Farmers and fisherfolks incurred huge losses on crops and fisheries
- Preparations for face-to-face classes were impeded
- Damages in government infrastructures, particularly health facilities
- Operations of healthcare facilities were interrupted due to power outage
- Medical supplies and equipment were depleted especially for COVID-19 patients



# Assessment of the Effects of the Disaster

## Cross Sectoral - Macroeconomic Impact



Agriculture,  
Fishery,  
Forestry

**19.2%**



Industry

**35.2%**

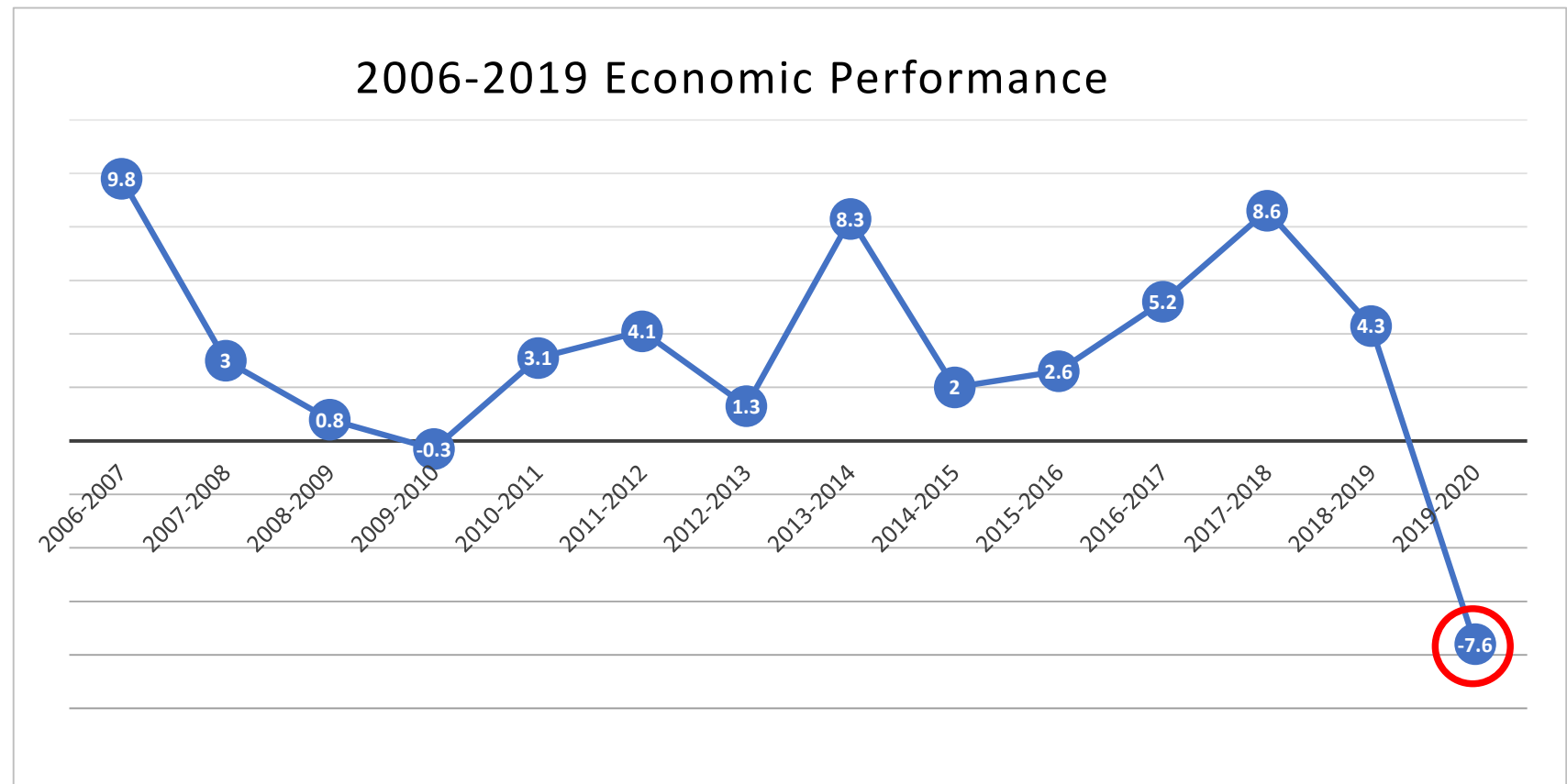


Services

**45.6%**

Percent share of industries to  
the regional economy: 2020

## 2020 MIMAROPA Gross Regional Domestic Product



Note: 2006-2009 (at constant 1985 prices); 2010-2017 (at constant 2000 prices); 2018-2020 (at constant 2018 prices)

Source: PSA MIMAROPA



# Assessment of the Effects of the Disaster

## Cross Sectoral - Macroeconomic Impact



Agriculture,  
Fishery,  
Forestry

**19.8%**



Industry

**40.8%**

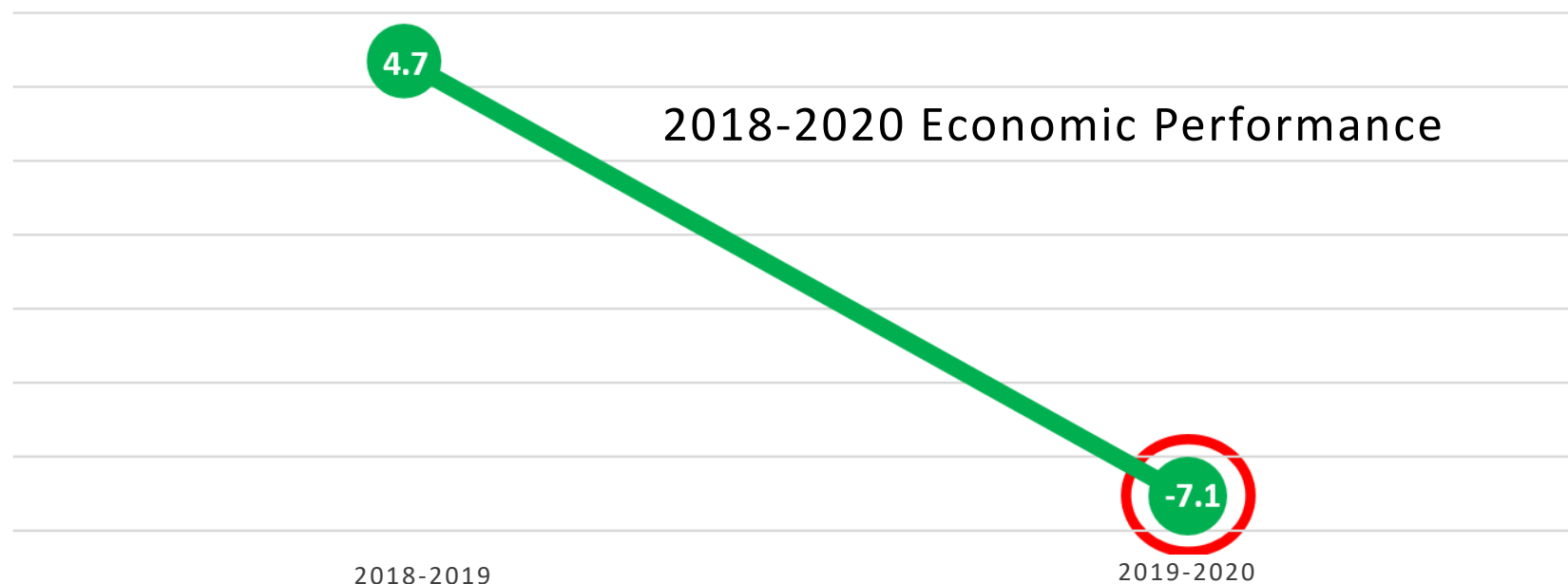


Services

**39.5%**

Percent share of industries to  
the Palawan economy: 2020

### 2020 Gross Domestic Product of Palawan



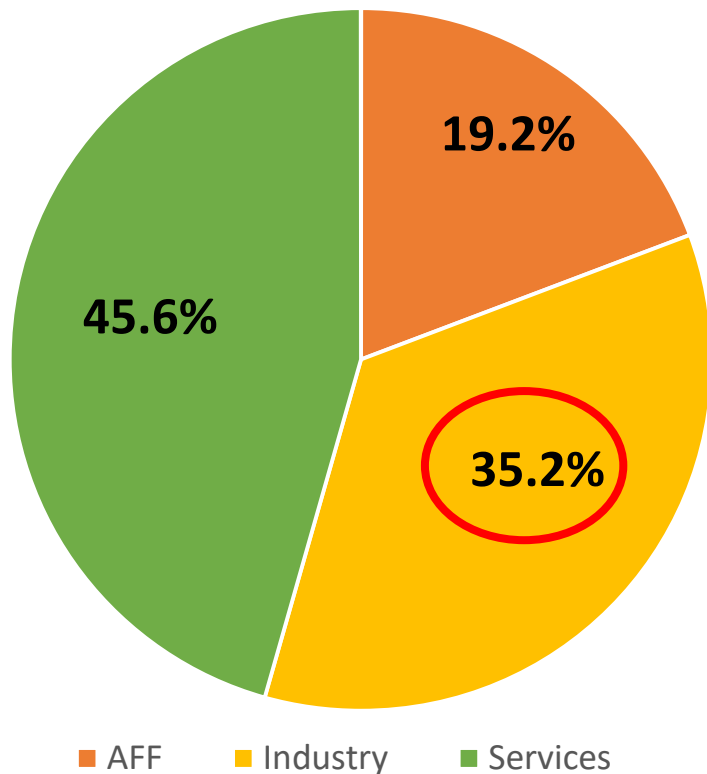
*Note: at constant 2018 prices*  
*Source: PSA MIMAROPA*



# Assessment of the Effects of the Disaster

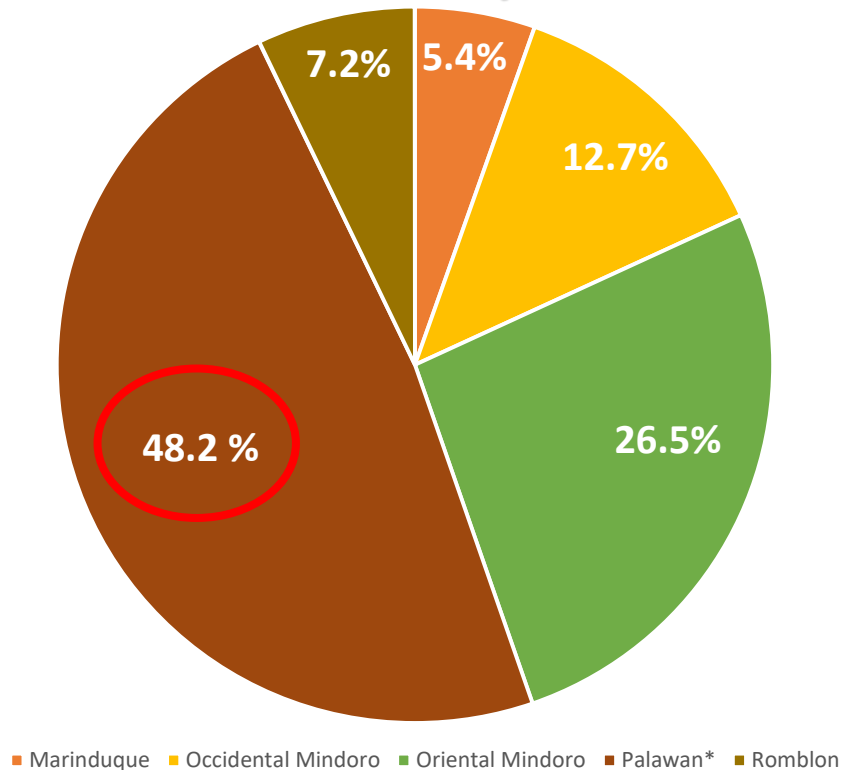
## Cross Sectoral - Macroeconomic Impact

Share of Major Industries to Regional Economy



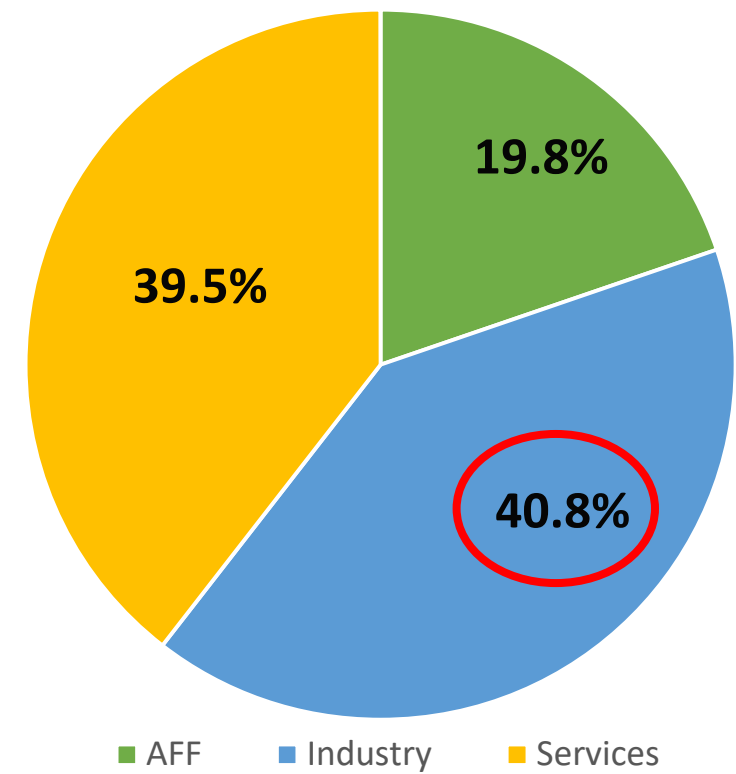
*In terms of major sectors, **SERVICES Sector** is the highest contributor to MIMAROPA economy*

Share of Provinces to Regional Economy



*In terms of Provincial GDP, **PALAWAN** is the highest contributor to MIMAROPA economy*

Share of Major Industries to Palawan Economy



***INDUSTRY Sector** is the highest contributor to Palawan's economy*

Source: PSA MIMAROPA  
Note: GDP of PPC is included in the GDP of Palawan

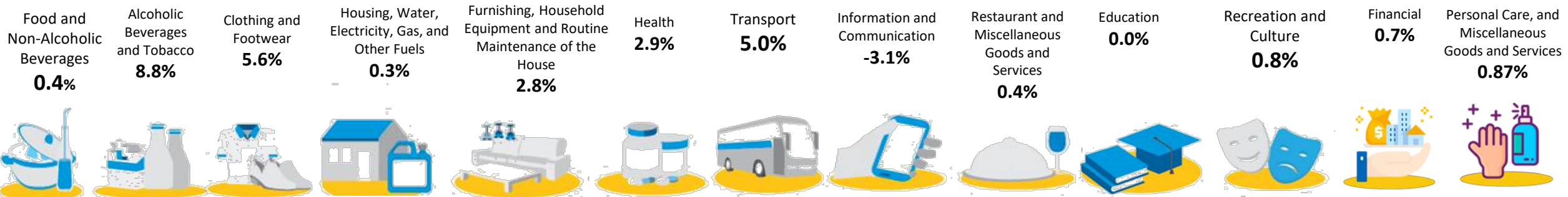
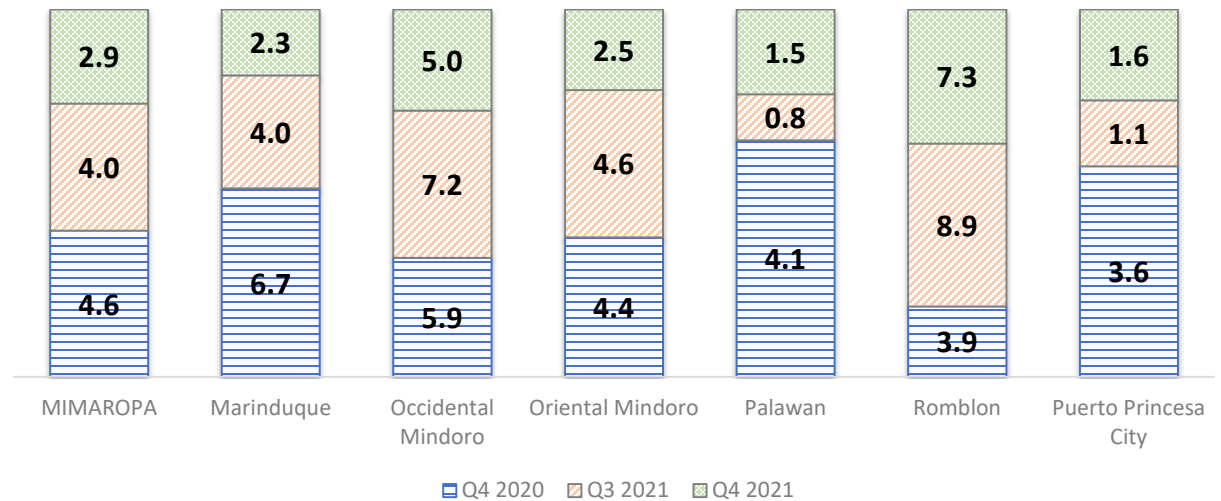
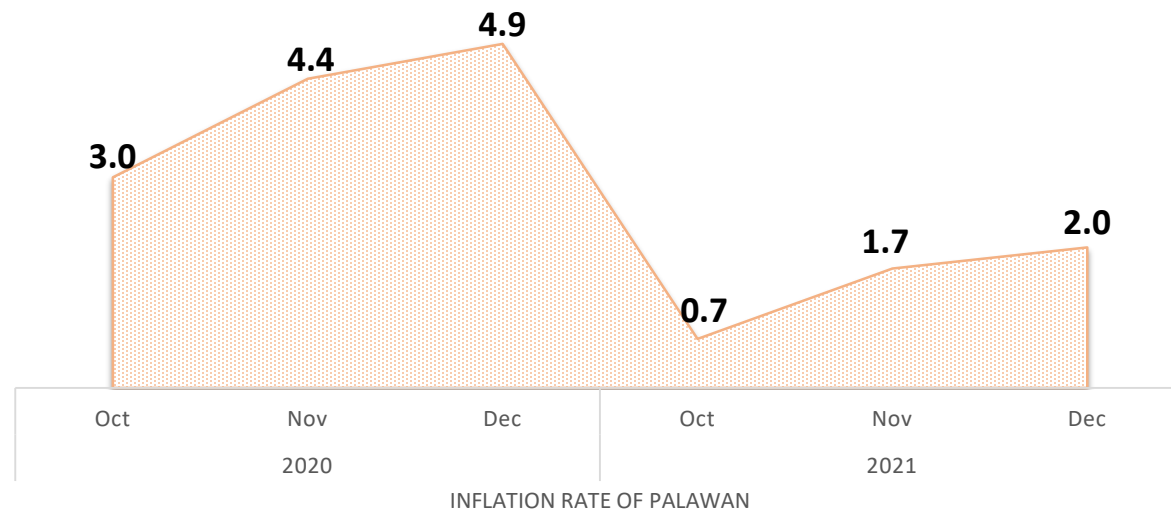




# Assessment of the Effects of the Disaster

## Cross Sectoral - Macroeconomic Impact

Inflation in Palawan increased to 1.5% in October-December 2021



Source: PSA



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# Assessment of the Effects of the Disaster

## Cross Sectoral - Macroeconomic Impact

Employment rate decreased by 2.11 percentage points

### Labor Force Participation Rate

Philippines 62.6%  MIMAROPA 62.8%

### Employment Rate

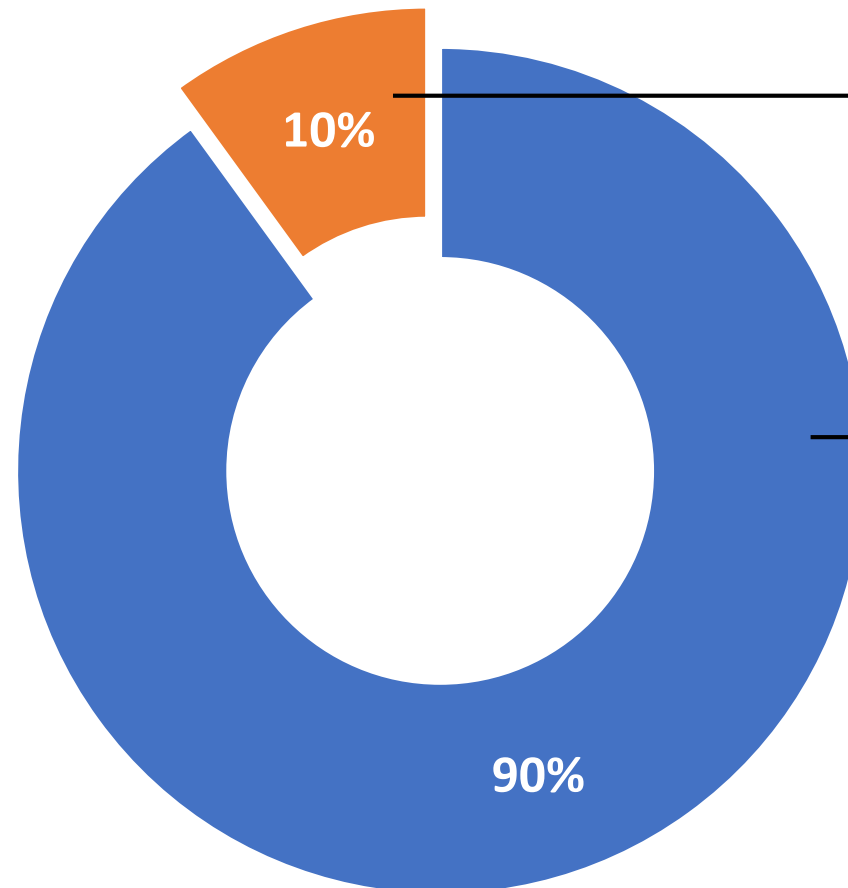
Philippines 92.6%  MIMAROPA 90.0%

### Unemployment Rate

Philippines 7.4%  MIMAROPA 10.0%

### Underemployment Rate

Philippines 16.1%  MIMAROPA 26.6%



- **Unemployment** rate increased to 10.0% in October 2021 from 7.9% in October 2020
- **Employment** rate employment decreased to 90.0% in October 2021 from 92.1% in October 2020
- **Underemployment** rate worsen to 26.6% in October 2021 from 22.2% in October 2020

Source: PSA MIMAROPA



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# Assessment of the Effects of the Disaster

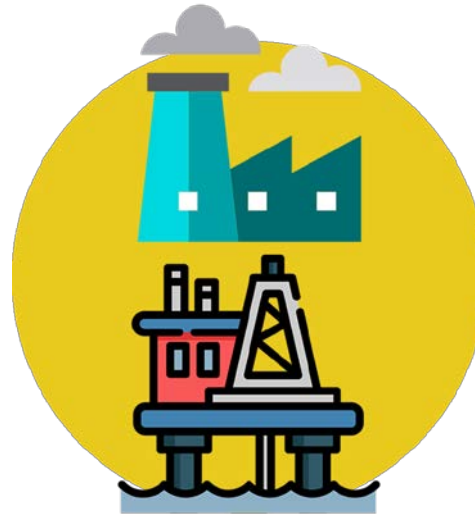
## Cross Sectoral - Macroeconomic Impact

### Affected MSMEs in Palawan



**388 MSMEs**

*Agriculture, Forestry, and Fishing Sector*



**97 MSMEs**

*Industry Sector*



**667 MSMEs**

*Services Sector*

# Assessment of the Effects of the Disaster

## Cross Sectoral - Macroeconomic Impact

### Estimated Impact of Typhoon Odette in 2022 MIMAROPA GRDP

GRDP/Sector	Constant Price (Original Projection)		Estimated Losses		Constant Price (Revised Projection)		Growth Rate (Original Projection)		Growth Rate (Revised Projection)	
	Low	High	Output	GVA	Low	High	Low	High	Low	High
GRDP	383,787,248,827	390,402,170,295	4,244,017,062	2,376,385,938	384,421,945,283	391,174,317,185	3.6	4.5	3.8	4.7
AFF	69,459,964,664	70,152,827,854	1,815,853,821	924,782,105	68,868,564,081	69,561,427,272	0.5	1.0	-0.4	0.1
Industry	132,079,644,417	134,669,379,741	94,369,511	34,913,542	133,015,062,626	135,604,797,950	2.5	3.5	3.2	4.2
Services	183,034,618,652	186,504,392,039	2,333,793,730	1,416,690,291	182,538,318,576	186,008,091,963	6.0	7.0	5.7	6.7

Source: PDNA Validated Results



**₱924.7 million**

*Losses in Agriculture (in GVA)*



**₱34.91 million**

*Losses in Industry (in GVA)*



**₱1.416 billion**

*Losses in Services (in GVA)*



**2022 Target**

**₱384.42 billion to  
₱391.17 billion**



# Assessment of the Effects of the Disaster

## Cross Sectoral - Macroeconomic Impact

### Estimated Impact of Typhoon Odette in 2022 Palawan GDP

GRDP/Sector	Constant Price (Original Projection)		Estimated Losses		Constant Price (Revised Projection)		Growth Rate (Original Projection)		Growth Rate (Revised Projection)	
	Low	High	Output	GVA	Low	High	Low	High	Low	High
GDP	184,875,692,071	188,062,192,374	4,244,017,061.53	2,376,385,938.28	184,783,021,485	187,969,521,788	3.6	4.5	3.6	4.5
AFF	36,524,537,482	37,154,071,026	1,815,853,820.96	924,782,105.15	35,944,321,017	36,573,854,561	3.6	4.5	2.0	2.9
Industry	75,355,427,582	76,654,246,752	94,369,510.68	34,913,542.47	76,336,951,612	77,635,770,782	3.6	4.5	5.0	5.9
Services	72,995,727,007	74,253,874,596	2,333,793,729.89	1,416,690,290.65	72,501,748,856	73,759,896,445	3.6	4.5	2.9	3.8

Source: PDNA Validated Results



**₱924.78 million**

Losses in Agriculture (in GVA)



**₱34.91 million**

Losses in Industry (in GVA)



**₱1.41 billion**

Losses in Services (in GVA)



**2022 Target**

**₱184.78 billion to  
₱187.96 billion**

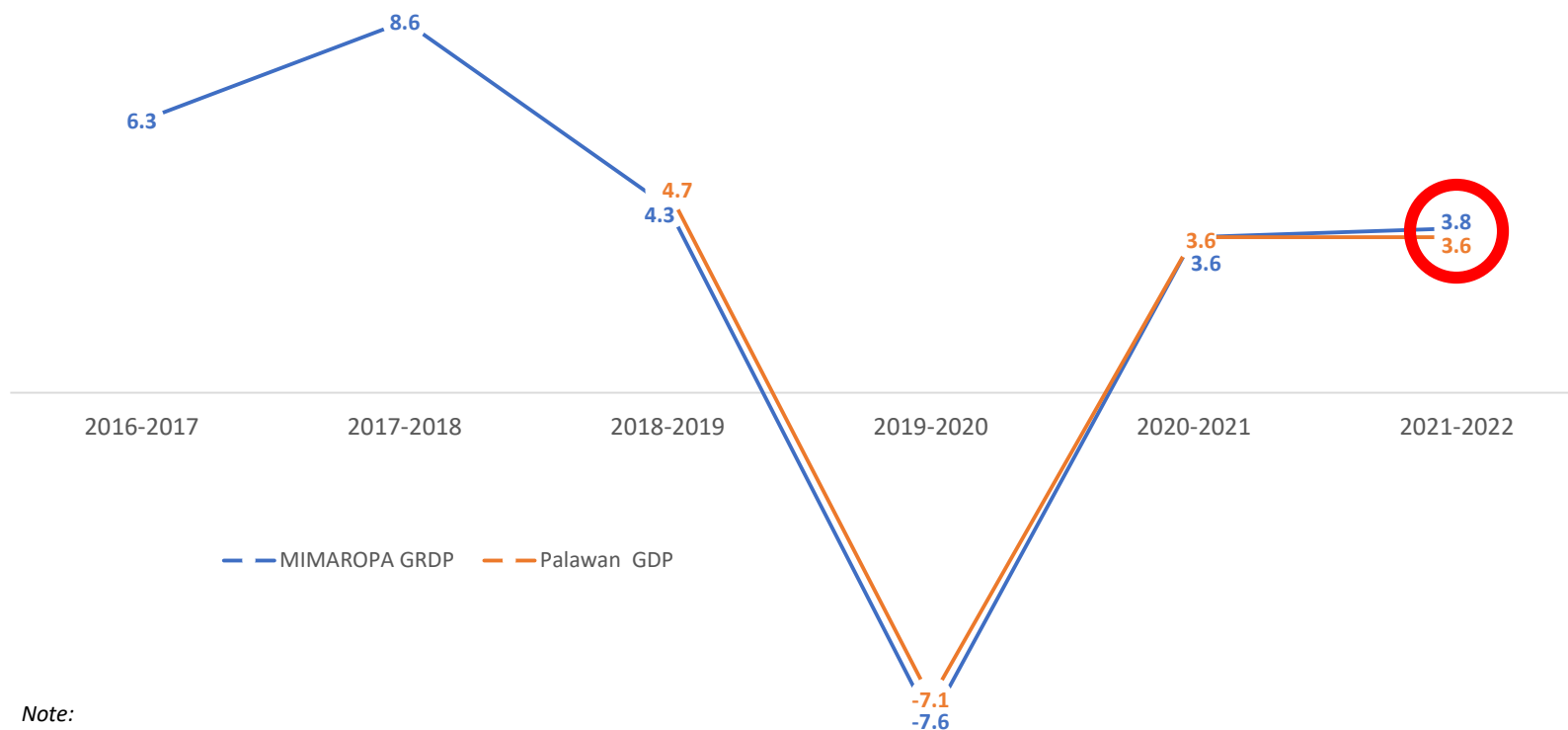




# Assessment of the Effects of the Disaster

## Cross Sectoral - Macroeconomic Impact

MIMAROPA GRDP and Palawan GDP Growth Rate, 2016-2022



Note:

1. MIMAROPA GRDP 2016-2020 growth rate (Actual, Source: PSA MIMAROPA)
2. Palawan GDP 2018-2020 growth rate (Actual, Source: PSA MIMAROPA)
3. MIMAROPA GRDP 2020-2022 (Projected, with impact of Typhoon Odette in 2022)
4. Palawan GDP 2020-2022 (Projected, with impact of Typhoon Odette in 2022)

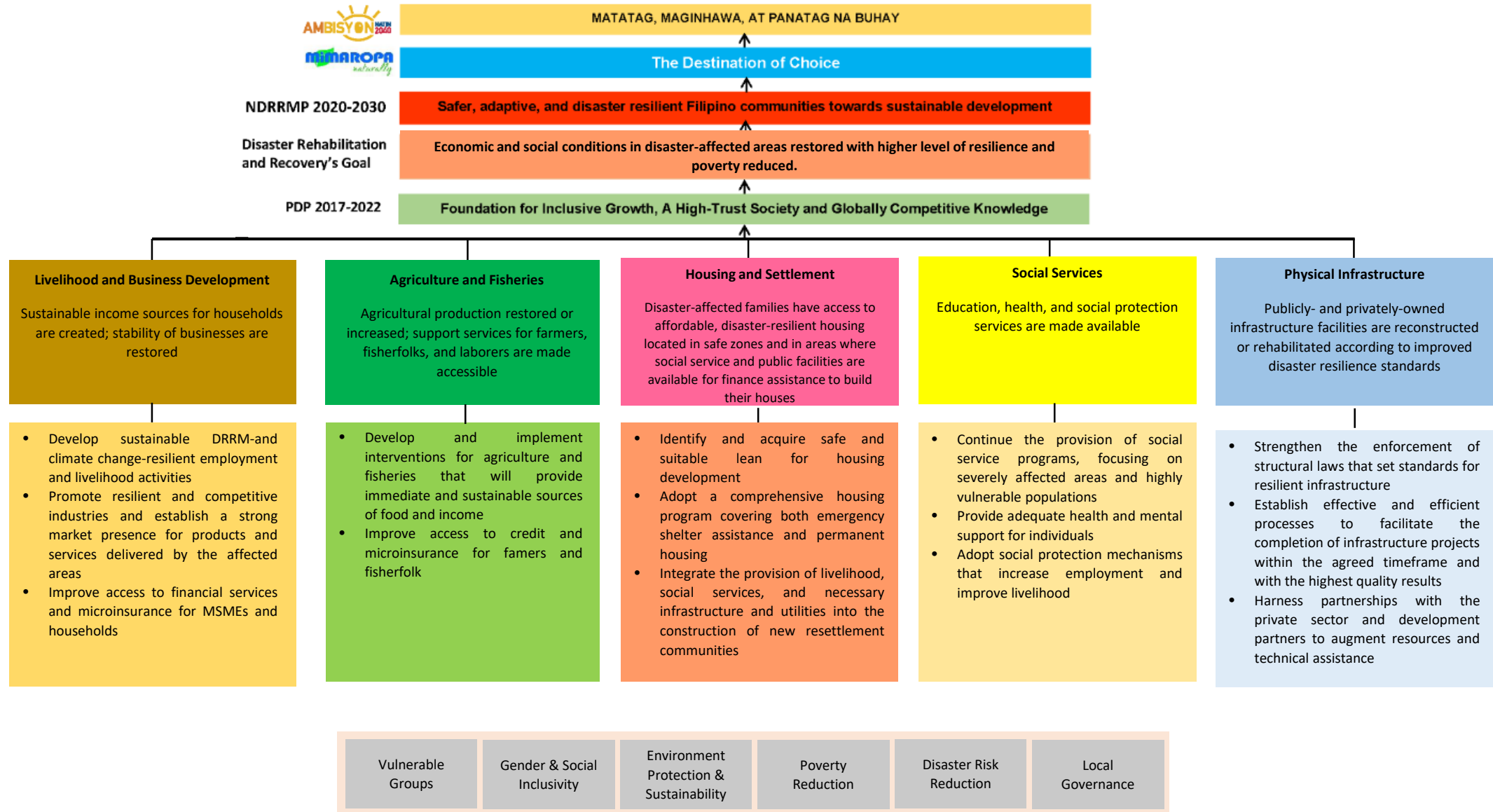
- Assuming that all proposed PPAs for 2022 will be funded and implemented in Palawan, MIMAROPA's economy is still expected to grow by as much as 3.8% (low) to 4.7% (high) in 2022 despite losses from Typhoon Odette. This exceeds the revised GRDP target growth rate, which was set at 3.6%-4.5% in 2022.
- Palawan's economy is also expected to grow by as much as 3.6% (low) to 4.5% (high) in 2022 despite losses from Typhoon Odette.



# Immediate and Early Responses

- Conducted and participated in PDRA core group meetings
- Coordinated closely with RDRRMC member agencies and LDRRMOs
- Activated Emergency Operations Center
- Disseminated weather advisories
- Prepositioned rescue vehicles and equipment
- Prepositioned food and non-food items
- Prepositioned drugs and medicines in Regional Office and Provincial DOH offices
- Conducted pre-emptive evacuation
- Provided assistance to affected individuals

# Rehabilitation and Recovery Framework



# Objectives of the Program



***Restore, rehabilitate, or  
reconstruct damaged  
infrastructure***



***Repair and rebuild  
settlements***



***Restore and enhance  
economic activities in  
the region***



***Increase resilience  
capacities of communities  
in coping with future  
hazard events***

# Rehabilitation and Recovery Strategies

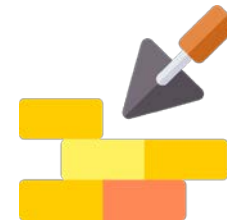
## Livelihood and Business Development



*Provision of financial assistance to business and tourism stakeholders*



*Provision of technical assistance*



*Recovery of infrastructure facilities*



*Rehabilitation of tourism access roads, bridges, and slope protection measures*



# Rehabilitation and Recovery Strategies

## Agriculture and Fisheries



*Distribution of high-quality seeds of rice, corn, and vegetables*



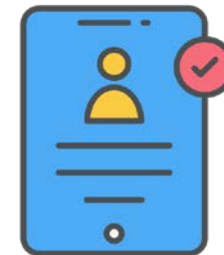
*Rehabilitation and restoration of agricultural infrastructure*



*Procurement of high breed livestock*



*Provision of financial assistance*



*Registration of fisherfolks in their respective LGUs*

# Rehabilitation and Recovery Strategies

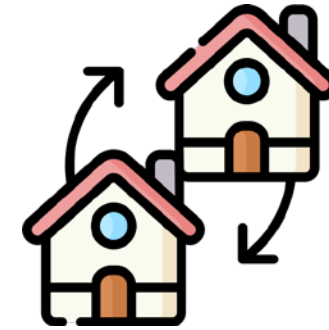
## Housing and Settlement



*Provision of financial assistance*



*Identification of highly susceptible areas to flooding*



*Relocation of families residing in highly vulnerable areas*



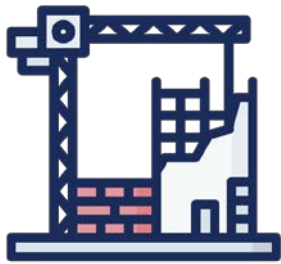
*Convergence among stakeholders*



*Provision of technical assistance*

# Rehabilitation and Recovery Strategies

## Social Services



*Repair and rehabilitation  
of damaged school and  
health facilities*



*Improve health and  
nutrition of the public*



*Improvement of  
communication  
infrastructure*



*Provision of mental  
health and psychosocial  
support*



*Continuous delivery of  
health services*

# Rehabilitation and Recovery Strategies

## Physical Infrastructure



*Enhancing structural  
resiliency through  
upgraded standards*



*Capacity building and  
training on maintenance  
of physical public  
infrastructure*



*Harness partnerships  
with the private sector  
and development  
partners*



*Monitoring and evaluation  
of all projects*



*Repair, rehabilitation, and  
reconstruction of roads*



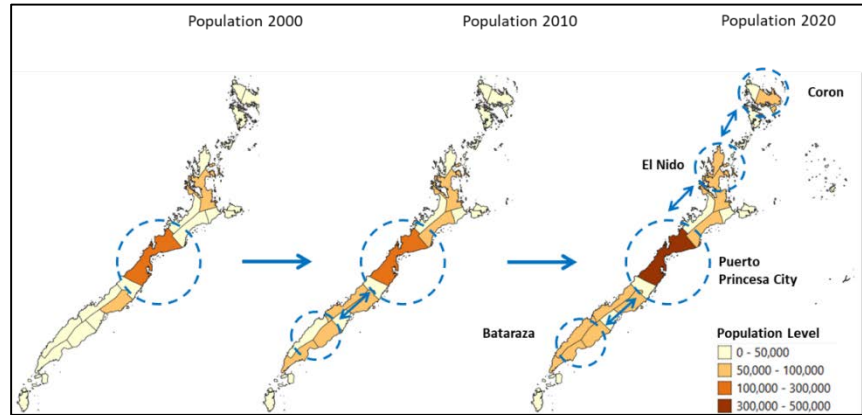
# Development Objectives and Targets

Outcome	Number of Indicators
Sustainable income sources for households are created; stability of businesses are restored	4
Agricultural production restored or increased; support services for farmers, fisherfolks, and laborers are made accessible	6
Affordable, disaster-resilient housing located in safe zones with available social services and public facilities are made accessible	3
Education, health, and social protection are made available	7
Publicly, and privately-owned infrastructure are reconstructed or rehabilitated according to improved disaster resiliency standards	5
<b>Total</b>	<b>24</b>



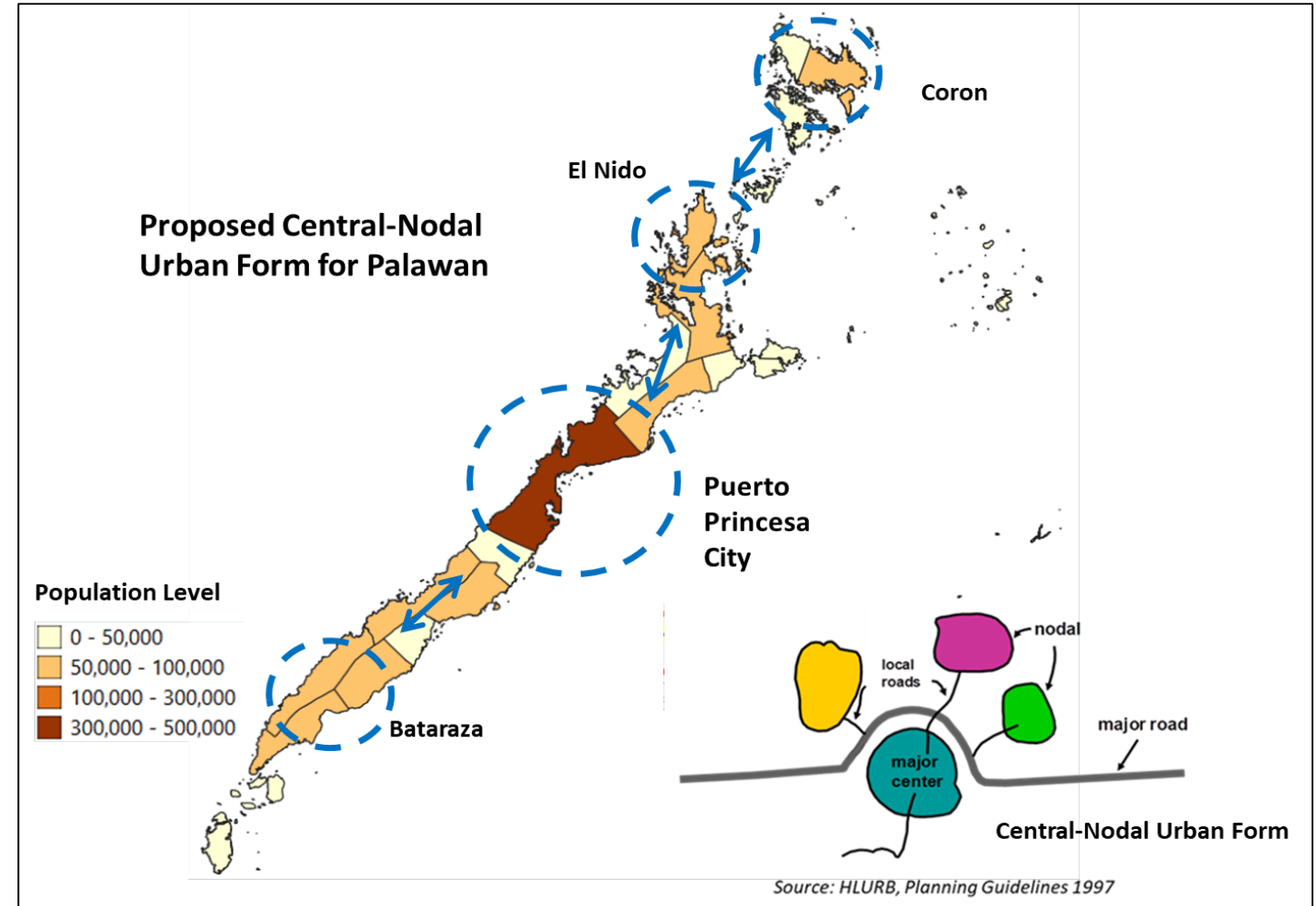


# Proposed Spatial Strategy of Palawan



Growth of population of the different towns of Palawan and Puerto Princesa City from 2000 to 2020

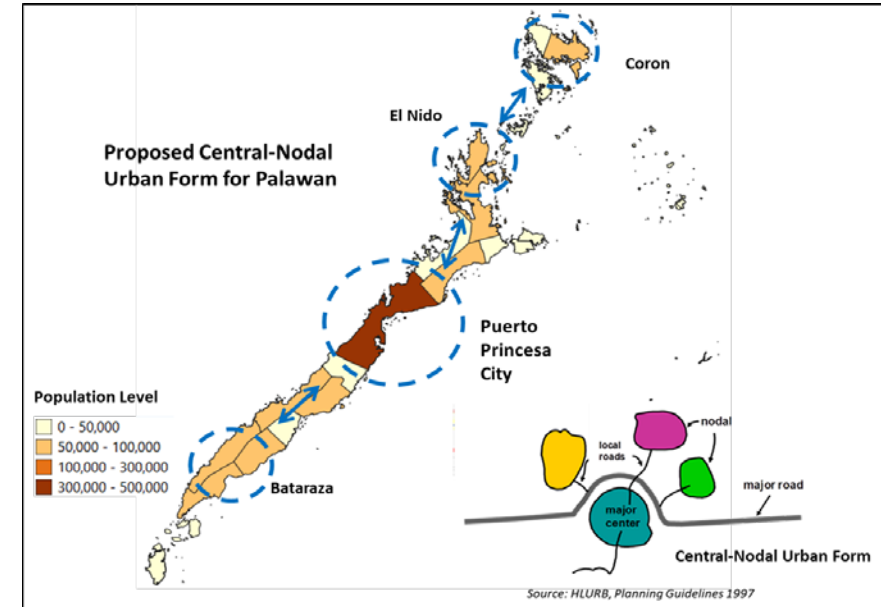
The Proposed Urban Form of the Province of Palawan



# Proposed Spatial Strategy of Palawan

## Scalogram of Population and Urban Services

Province/Municipality	2010 Built-up Area	2021 Built-up Area (projected)	Total Population*	Delivery/Logistic Services	Health Center	National Government Agencies	Seaport	Tertiary Education (College, University, TechVoc)	Microfinance	Restaurant (Fast Food, Fine Dining)	Other Medical Facilities	Shopping Centers	Transport Terminal	Domestic and Community Airports	Rural Bank	Other Residential Subdivisions	Other Hotels	National Developer Subdivision	Township Development	Automotive Vehicle Dealerships	Government Centers (City Hall, Provincial Capitol)	3-Star Hotel	International Airport	Commercial Bank	Credit Unions	Number of Functions	Order of Settlements
Palawan	13,782.74	17,794.52	939,594																								
City of Puerto Princesa	3,363.56	4,744.64	307,079	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	1
Coron	336.58	527.99	65,855	1	1	1	1	1	1	1	1	1	1	1	1	1	1									14	2
Bataraza	903.24	1,240.29	85,439	1	1	1	1	1	1	1	1	1	1	1	1	1	1									13	3
El Nido	469.13	669.50	50,494	1	1	1	1	1	1	1	1	1	1	1	1	1	1									13	3
Narra	1,823.83	2,228.11	77,948	1	1	1	1	1	1	1	1	1	1	1	1	1	1									12	5
Brooke's Point	839.79	1,036.86	73,994	1	1	1	1	1	1	1	1	1	1	1	1	1	1									12	5
Roxas	319.65	372.83	69,624	1	1	1	1	1	1	1	1	1	1	1	1	1	1									12	5
Quezon	904.81	1,095.72	65,283	1	1	1	1	1	1	1	1	1	1	1	1	1	1									11	8
Aborlan	1,582.38	1,946.57	38,736	1	1	1	1	1	1	1	1	1	1	1	1	1	1									11	8
San Vicente	290.38	321.88	33,507	1	1	1	1	1	1	1	1	1	1	1	1	1	1									11	8
Taytay	871.55	1,049.05	83,357	1	1	1	1	1	1	1	1	1	1	1	1	1	1									10	11
Sofronio Española	368.14	469.69	37,416	1	1	1	1	1	1	1	1	1	1	1	1	1	1									10	11
Cuyo	47.88	52.66	23,489	1	1	1	1	1	1	1	1	1	1	1	1	1	1									10	11
Rizal	686.78	922.69	56,162	1	1	1	1	1	1	1	1	1	1	1	1	1	1									9	14
Balabac	87.34	106.24	42,527	1	1	1	1	1	1	1	1	1	1	1	1	1	1									9	14
Busuanga	157.80	193.60	25,617	1	1	1	1	1	1	1	1	1	1	1	1	1	1									9	14
Culion	65.93	80.10	23,213	1	1	1	1	1	1	1	1	1	1	1	1	1	1									9	14
Dumaran	159.12	178.97	23,528	1	1	1	1	1	1	1	1	1	1	1	1	1	1									8	18
Linapacan	165.72	196.34	16,424	1	1	1	1	1	1	1	1	1	1	1	1	1	1									7	19
Agutaya	88.54	97.88	12,867	1	1	1	1	1	1	1	1	1	1	1	1	1	1									6	20
Araceli	91.13	95.33	14,434	1	1	1	1	1	1	1	1	1	1	1	1	1	1									5	21
Magsaysay	104.69	112.79	12,603	1	1	1	1	1	1	1	1	1	1	1	1	1	1									5	21
Cagayancillo	52.92	52.92	6,884	1	1	1	1	1	1	1	1	1	1	1	1	1	1									5	21
Kalayaan	1.85	1.85	193	1	1	1	1	1	1	1	1	1	1	1	1	1	1									4	24
Number of Municipalities				24	24	24	23	20	20	17	16	15	12	11	11	9	3	1	1	1	1	1	1	1	1		



- Based on the scalogram, higher level urban services and economic activities tend to converge in four growth nodes: Puerto Princesa City, Bataraza, El Nido, and Coron
- Thus, the Central-Nodal Urban Form is recommended to be pursued

# Financing and Investment Requirements

Summary of total investment requirements by sector, FY 2021-2023 (in Millions)

Source of Fund	Number of PPAs	Funding Requirements (in million ₱)			Total Funding Requirements
		2021	2022	2023	
Livelihood and Business Development	21	10.48	339.28	266.26	616.02
Agriculture and Fisheries	78	24.80	616.71	146.76	788.27
Housing and Settlement	12	287.00	173.63	2,145.68	2,606.30
Social Services	181	370.61	498.39	859.38	1,728.37
Physical Infrastructure	1,319	0.00	2,541.37	2,673.96	5,215.33
<b>TOTAL</b>	<b>1,611</b>	<b>692.89</b>	<b>4,169.37</b>	<b>6,092.04</b>	<b>10,954.30</b>

Summary of total investment requirements by source of fund, FY 2021-2023 (in Pesos)

Source of Fund	Number of PPAs	Funding Requirements (in million ₱)			Total Funding Requirements
		2021	2022	2023	
NDRRM Fund	2	0.00	121.99	2,040.00	2,161.99
Agency Regular Budget	767	122.73	2,460.57	3,366.69	5,949.99
LGU Funds	779	566.16	1,264.68	685.34	2,516.18
Non-Government (Private Sector /Development Partners)	45	4.00	0.89	0.00	4.89
Others	18	0.00	321.25	0.00	321.25
<b>TOTAL</b>	<b>1,611</b>	<b>692.89</b>	<b>4,169.37</b>	<b>6,092.04</b>	<b>10,954.30</b>

- **1,611 proposed PPAs** with investment requirements amounting to **₱10.95 billion**
- **₱4.17 billion** for FY 2022 and **₱6.09 billion** for FY 2023

# Mechanism for Monitoring and Evaluation

## Project monitoring through the eRPMES



- physical and financial progress of programs and projects on quarterly basis
- quick summary of RRP projects status will be posted on the NEDA MIMAROPA website:  
**[mimaropa.neda.gov.ph](http://mimaropa.neda.gov.ph)**

# Communication Strategy

Regional Launching of the rehabilitation and recovery program



Preparation of electronic information materials



Branding of the Palawan RRP



Status updates of the identified PPAs for the Palawan RRP



Addressing issues on the implementation of the RRP







REPUBLIC OF THE PHILIPPINES  
NATIONAL ECONOMIC AND DEVELOPMENT AUTHORITY  
MIMAROPA REGION

# Palawan Rehabilitation and Recovery Program for Areas Affected by Typhoon Odette

**Agustin C. Mendoza**  
Regional Director

Regional Disaster Risk Reduction and Management Meeting  
February 16 | 10:00 AM



National Economic and Development Authority



[www.mimaropa.neda.gov.ph](http://www.mimaropa.neda.gov.ph)



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