

Region

June 16, 2022

**MEMORANDUM**

**FOR :** The Regional Executive Director  
DENR MIMAROPA  
1515 L&S Bldg., Roxas Blvd.  
Ermita, Manila

**FROM :** The Provincial Environment and  
Natural Resources Officer

**SUBJECT: SEMI-ANNUAL PROGRESS REPORT ON THE GREEN  
ECONOMY MODEL (GEM) PROJECT ACTIVITIES OF  
CENRO CORON, PALAWAN CY 2021**

Respectfully forwarded is the memorandum dated May 27, 2022 from CENRO Coron, Palawan along with the Semi-Annual Report on the Green Economy Model (GEM) Project for CY 2021.

Accomplished activities were the following:

1. Hiring of Enumerators
2. Conducted Compliance Monitoring on the Delineated Legal Easement and Inventoried Affected Establishments
3. Inventory of Commercial Establishments Built within Easement and Timberland /Assessment of Tenure
4. Clean-Up Drives
5. Issuance of Notice to Vacate
6. Mangrove Rehabilitation (Mangrove Seedling Production)
7. Information Education and Communication

For information and record.



*[Signature]*  
**FELIZARDO B. CAYATOC**  
DENR PENRO  
PALAWAN RECORDS  
**RELEASED**  
BY: \_\_\_\_\_  
DATE: \_\_\_\_\_ 22-1510  
JUN 17 2022





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May 27, 2022


MEMORANDUM

FOR : The Regional Executive Director  
DENR, MIMAROPA Region  
L & S Bldg., 1515 Roxas Blvd.  
Ermita, Manila

THRU : The Provincial Environment &  
Natural Resources Officer  
DENR, Puerto Princesa City, Palawan

FROM : The Community Environment &  
Natural Resources Officer

SUBJECT : **SEMI-ANNUAL PROGRESS REPORT ON THE GREEN  
ECONOMY MODEL (GEM) PROJECT ACTIVITIES OF  
CENRO CORON, PALAWAN CY 2021**

DENR PENRO  
PALAWAN RECORDS  
RECEIVED  
BY:   
DATE: 05/27/2022 22:4570

Respectfully submitted herewith is the Semi-Annual Progress Report on the Green Economy Model (GEM) Project Activities of CENRO Coron, Palawan CY 2021.

In August 2021, the Regional Office instructed the implementation of GEM activities in the country's top tourism sites, including the Municipality of Coron, Palawan under the jurisdiction of DENR CENRO Calamianes Islands. Pursuant to CENRO Special Order no. 2021-023 Green Economy Model (GEM) Task Force of Coron, Palawan was created to concentrate on the implementation of different target activities under GEM.

For information and record.

  
ARNOLDO A. BLAZA, JR.



## **PROGRESS REPORT ON THE GREEN ECONOMY MODEL (GEM) PROJECT ACTIVITIES OF CORON, PALAWAN CY 2021**

Pursuant to Republic Act No. 10771 otherwise known as “Philippine Green Jobs Act of 2016” and DAO 2017-08 to operationalize the transition of DENR programs and projects into Green Economy Model (GEM) where household members create sustainable goods and services for the rehabilitation of degraded ecosystems; create viable community enterprise where household are the focal members and players in creating value-added environmental products and services; and accelerate the rehabilitation of degraded of degraded ecosystems and promote the protection of environment through the creation of green jobs.

These undertakings were started since 2018 by creation of Task Force Coron led by Engr. Roman G. Legaspi thru Regional Special Order No. 097, S. 2018 dated February 26, 2018 as per directive of President Rodrigo R. Duterte for the conduct of clean up drive along foreshore areas of our country’s top tourist destinations which includes Coron, El Nido and Puerto Galera to protect health of locals and visitors as well as our environment.

The implementation of CY 2021 targets activities of GEM were spearheaded by the GEM Task Force of Coron Palawan with CENRO Special Order No. 23 S. 2021 composes of 6 committees:

- a. Command Center Committee
- b. Technical Committee (divided into 3 teams Alpha, Beta, Charlie)
- c. Information, Education, and Communication Committee
- d. Clean-up Committee
- e. Mangrove Seedling Production Committee; and
- f. Admin & Finance Committee

### **Accomplished Activities**

#### **I. HIRING OF ENUMERATORS**

From August to December 2021, twenty-eight (28) enumerators were employed to assist with the implementation of GEM activities. All newly hired went through a thorough selection procedure, including an interview and orientation. In GEM Activities, the Technical Team led by Forester III Ferdinand Gatchalian introduced the usage of



mobile applications like GeoCam and Locus Map. There was also a briefing on the forms to be utilized in the inventory of households and businesses in the target barangays.



*Figure 1. Photos during the screening of enumerators*

**Listed are the names of the hired enumerators:**

- |                                 |                             |
|---------------------------------|-----------------------------|
| 1. Abis, Rey C.                 | 15. Lledo, Dan Levi Y.      |
| 2. Apolinario, Meann M.         | 16. Medina, Raven C.        |
| 3. Daco, Japhet T.              | 17. Palencia, Aldrin M.     |
| 4. Dizon, Joan L.               | 18. Pascual, Geralyn D.     |
| 5. Duarte, Margie J.            | 19. Pascual, Mark Kevin J.  |
| 6. Duque, John Michael E.       | 20. Rabonga, Consuelo C.    |
| 7. Edonga, Daisy Rae B.         | 21. Ratificar, Bruce Lemuel |
| 8. Ermetanio, Mary Ann B.       | 22. Ratificar, Janine       |
| 9. Factuar, Israel A.           | 23. Romero, Hanna Joanna D. |
| 10. Gatchalian, Edrian Lloyd M. | 24. Selga, Susan A.         |
| 11. Guitib, Floren B.           | 25. Sinoro, Carla L.        |
| 12. Jagmis, Baby Delia T.       | 26. Tayam, Josilin          |
| 13. Leviste, Claire Ann T.      | 27. Tejada, Ella Mae        |
| 14. Libarra, Cheza J.           | 28. Villacarlos, Selfa Mae  |



## II. CONDUCT OF COMPLIANCE MONITORING ON THE DELINEATED LEGAL EASEMENT AND INVENTORIED AFFECTED ESTABLISHMENTS

From October 27 to November 15, 2021, the team conducted compliance monitoring of establishments issued a Notice to Vacate by the Regional Office for violating PD 1067, often known as the "Water Code of the Philippines," in the Barangays of Poblacion I, II, III, V, VI, and Tagumpay, Coron Palawan.

Due to the COVID-19 Pandemic, several of the establishments issued with NTV have already ceased operations. This office, on the other hand, undertook an inventory of all establishments constructed within Coron Proper (including easement zone and Unclassified Public Forest and Alienable and Disposable of the said barangays). A total of 368 businesses were inventoried, with their current occupation and status identified.

Also conducted inspection and monitoring of all establishments within Coron Proper. This office also contributed personnel to the composite team led by the Department of Interior and Local Government.



*Figure 2. During compliance monitoring on the delimited legal easement and inventoried affected establishments, geotagged photos were taken.*

## III. INVENTORY OF COMMERCIAL ESTABLISHMENT BUILT WITHIN EASEMENT AND TIMBERLAND/ASSESSMENT OF TENURE

Six (6) of the twelve barangays identified as contributing to Coron Bay's deterioration are being addressed this year (Bintuan, Guadalupe, Lajala, Banuang-daan, Cabuagao, and rest of Tagumpay).



### Barangay Bintuan

On August 19-20, 2021, the team visited Barangay Bintuan and conducted concurrent GEM-related operations, including the delineation of a 40-meter easement (UPF) and inventory of dwellings and enterprises established inside the easement zone. Before taking a break due to the pandemic, the crew built a 40-meter easement zone that stretches for more than 37 kilometres along Barangay Bintuan's coasts and inventoried 139 dwellings in nine sitios.

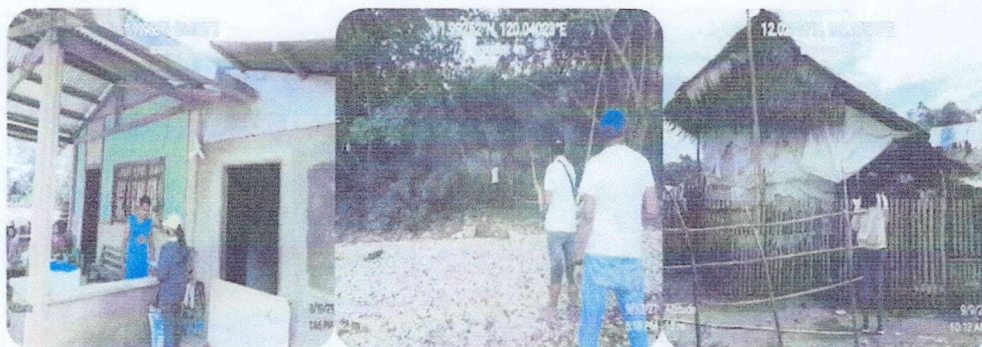
The inventory of the remaining 64 households in four neighborhoods was finished on September 9, 2021 (including 2 island sitios in Apo Island).



Figure 3. Some of the inventoried households in Barangay Bintuan, Coron Palawan.

### Barangay Guadalupe

Barangay Guadalupe was accomplished on September 6, 7, 9, and 15, 2021 where in 211 households were inventoried within the delineated 40m (shore) and 20m (riverbank) easement zones. Two major river is within the political boundary of Barangay Guadalupe namely Calauag River and Bocal bocal River. 36% of the inventoried household's source of income are from Agriculture and Fishery sector.





*Figure 4. Photos were taken during the delineation of a 40-meter easement zone and the inventory of homes within the easement zone in barangay Gudalupe. .*

The team continued its inventory and easement delineation at Uson Island, Barangay Lajala, Coron, Palawan, on September 21, 2021. Since the area/island is still an Unclassified Public Forest, the team demarcated and identified the 3m, 20m, and 40m-easement zones (UPF). A total of 333 households from 9 sitios and 6 puroks (Barangay Proper) in Lajala were interviewed and geotagged (Uson Island). Initially, 30 households have been granted ownership in accordance with Administrative Order No. 1, s. The projected Busuanga Ranching Project was first suggested in 1975 as Busuanga Pasture Reserve.



*Figure 5. Delineation of 3m, 20m, and 40m easement zone in Uson Island, Barangay Lajala, Coron Palawan*

And from October 14-18, 2021, the group conducted an inventory of homes and businesses built in the 40m clearance area of Barangay Tagumpay. In the easily established area, 298 households with an estimated total population of 1,393 people were interviewed and registered. Agriculture and fishing are the main sources of income for 54% of respondents. After a series of coordinations and meetings with officials of Barangay and the “Apong Dakulo,” or Great Elders of the Tagbanua Tribe, the group received permission from DENR to conduct program activities. GEM on November 26, 2021. In the relief area, 87 households were counted in Barangay Banuang Daan and only 3 in Barangay Cabugao. Both bays, located on Coron Island, were issued a Certificate of Ancestral Domain Name Title (CADT) by the National Commission on Indigenous Peoples (NCIP) (CADT No. R04COR0204022) in 2004.



## I. Clean-Up Drives

Along with GEM restoration and restoration activities, we also conducted twelve (12) cleanup campaigns in selected coastal communities in Coron, Palawan. A total of 762 participants (344 women and 418 men) from different ANGs, LGUs, NGOs and volunteers. A total of 2,720 kg of solid waste and 48 types of medical waste were collected and classified into 5 groups; Mixed plastics, bottles, tins/cans, medical waste and clothing/other waste. Below you will find a summary of the waste collected during the cleaning campaigns carried out. Table 1. Barangays has launched a campaign to clean up and sort the collected waste.

Table 1. Barangays conducted clean up drive and category of the waste collected.

No.	Location	Date	Waste Category					Participants	
			Mixed Plastics (kg)	Bottles (kg)	Tin/Can (kg)	Others/Cloth (kg)	Medical wastes (pcs)	Male	Female
1	So. Lelebquen, Brgy. Bintuan	August 19, 2021	9	93	5	4.8	0	44	47
2	So. Bukal-bukal 2, So. Dimanyang, Brgy. Guadalupe	September 10, 2021	30	45	35	55	0	46	19
3	So. Maquinit, So. Bayobayo 1&2, Brgy. Tagumpay	September 18, 2021	44	75	65	660	0	100	44
4	Barangay Lajala	September 21, 2021	4.2	1.8	2.8	21.2	0	27	26
5	So. Malpok, Brgy. Lajala	October 8, 2021	129.5	156	65	13	0	22	36
6	So. Manggahan, Brgy. Tagumpay	October 15, 2021	130	25	24	61	0	32	28
7	So. Digueboy, Brgy. Guadalupe	October 22, 2021	120	25	1.2	20	7	31	29
8	Purok 1, Brgy. Tagumpay	November 9, 2021	39	56	8	36	0	27	34
9	So. Lelebquen, Brgy. Bintuan	November 12, 2021	63	79	42	47	25	27	33
10	Barangay Banuang-daan	November 19, 2021	124	50	16	102	13	28	27
11	So. Maquinit, Brgy. Tagumpay	November 23, 2021							
12	Barangay Cabugao	November 26, 2021	59	76	2.2	0	3	34	21
		<b>Grand Total</b>	<b>752</b>	<b>682</b>	<b>266</b>	<b>1,020</b>	<b>48</b>	<b>418</b>	<b>344</b>



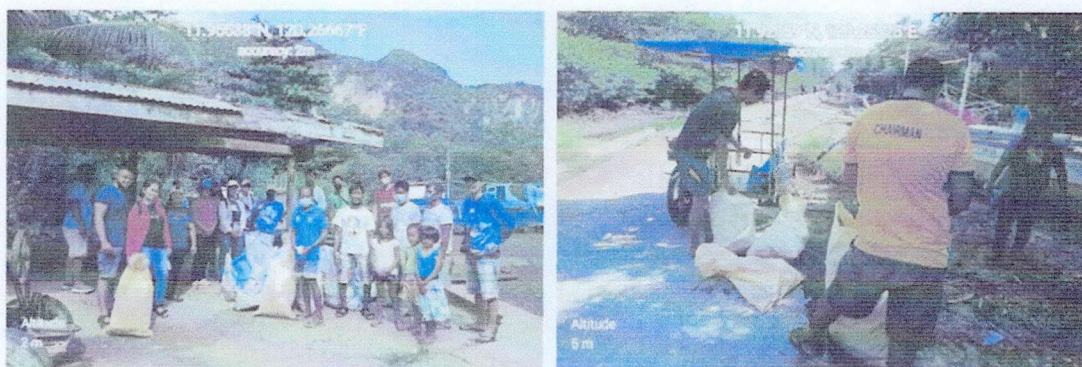


Figure 6. Clean-up drives in Barangay Banuang-daan (left) and Barangay Cabugao (right), Coron, Palawan



Figure 7. Clean-up drives in Barangay Guadalupe (left) and Barangay Tagumpay (right), Coron, Palawan



Figure 8. Pictures showing the categorized empty sacks in preparation on every clean-up activity (left); Clean-up activity in So. Lelebquen, Brgy. Bintuan, Coron, Palawan (right)

## ISSUANCE OF NOTICE TO VACATE

Based on the Work and Financial Plan CY 2021 regarding GEM Implementation item C.5., this office shall issue Notice to Vacate to all inventoried establishments and households built within easement zone in 6 target Barangays. This activity has yet to materialize after the conduct of evaluation and assessment of their occupation and this office still need to clarify to the Regional Office regarding to who will issue the said NTV.



#### IV. Mangrove Rehabilitation (Mangrove Seedling Production)

The contract of mangrove seedling production was awarded to Coron Watershed Beneficiary Association-Agroforestry Multi-Purpose Cooperative (CWBA-AMPC). They already accomplished the 100% or 15,000 pcs of seedlings produced for the planting activities on the following years. Photos below shows the mangrove seedlings produced under GEM.

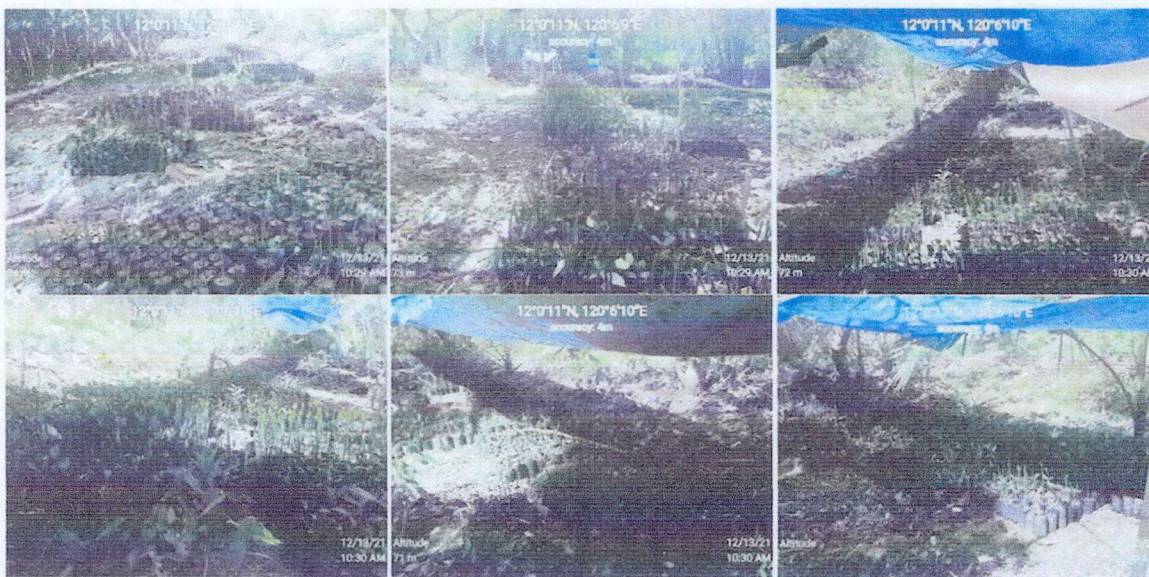


Figure 9. Photo-documentation of Mangrove Seedling Production

#### V. Sustainability of Island Communities

##### Information Education and Communication

Under Item D.2. Meetings/Dialogues, this office conducted several meetings/dialogues with the Local Government Unit (LGU) of Coron, Barangay Local Government Unit of target barangays (BLGUs) and local communities. We also conducted a total of nine (9) Information, Education, and Communication (IEC) Campaigns which focused mainly on the implementation of GEM and some provisions of PD 1067 or Water Code of the Philippines, PD 705 also known as Revised Forestry Code of the Philippines, RA 9003 or Solid Waste Management Act, and Public Land Act. A total of 549 individuals participated the said activities.



Table 2. Information List of IEC Conducted

No.	Date	Location	No. of Participants
1.	August 20, 2021	Sitio Lelebquen, Brgy. Bintuan, Coron, Palawan	100 individuals
2.	September 6, 2021	Brgy. Guadalupe, Coron, Palawan	50 individuals
3.	September 20, 2021	Brgy. Lajala, Coron, Palawan	66 individuals
4.	October 13, 2021	Brgy. Tagumpay, Coron, Palawan	60 individuals
5.	October 29, 2021	Sitio Balisungan, Brgy. Tagumpay, Coron, Palawan	70 individuals
6.	November 5, 2021	Sitio Dinuksulan, Brgy. Guadalupe, Coron, Palawan	48 individuals
7.	November 11, 2021	Sitio Malbato, Brgy. Bintuan, Coron, Palawan	70 individuals
8.	November 18, 2021	Brgy. Banuang Daan, Coron, Palawan	73 individuals
9.	November 25, 2021	Brgy. Cabugao, Coron, Palawan	75 individuals



Figure 10. Photos showing the conducted meeting and courtesy call with the Municipal Mayor of Coron Hon. Mario T. Reyes re Implementation of Green Economy Model (GEM) in Coron, Palawan



APPENDICES

Map of the conducted IEC, consultation and interview under the GEM project. Showing the location of inventoried households within the delineated 40m easement zone.

Appendix 1.





Appendix 2

