

16 NOVEMBER 2021, Tuesday



DENR

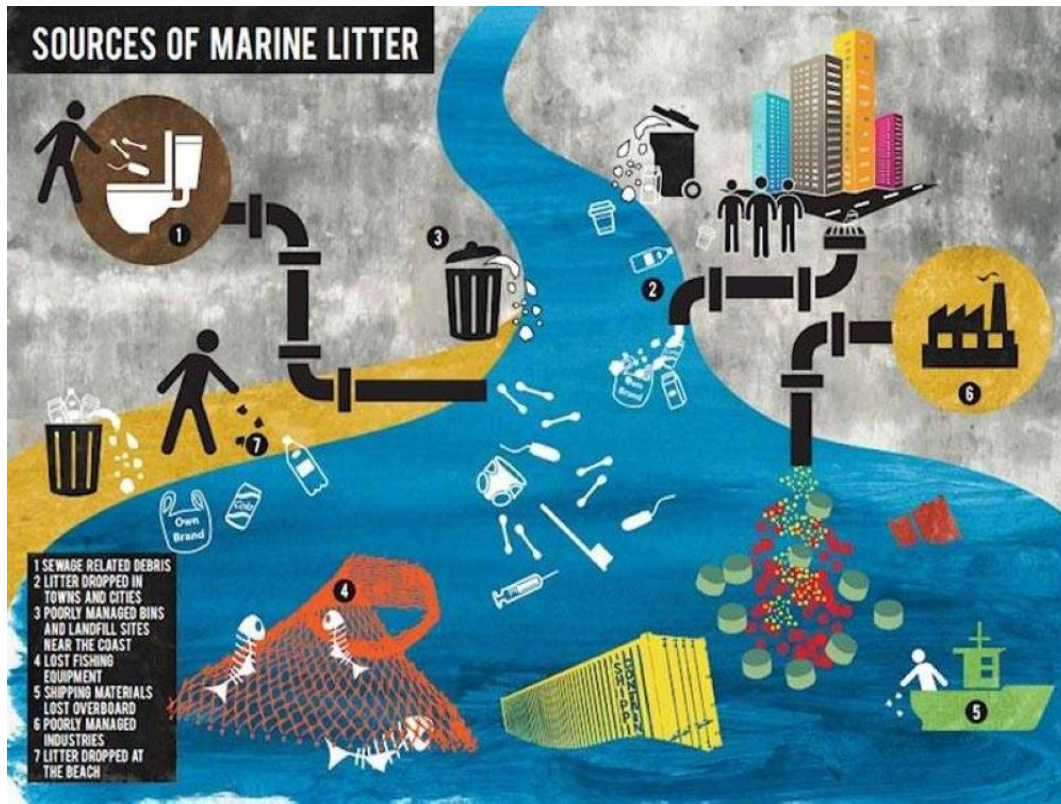
NEWS ALERTS

STRATEGIC COMMUNICATION AND INITIATIVES SERVICE



DENR adopts national plan of action for the reduction of marine litter

November 16, 2021



Sources of marine litter CONTRIBUTED IMAGE

THE [Department of Environment and Natural Resources](#) (DENR) has adopted a national plan of action for the reduction of marine litter (NPoA-ML) toward zero waste in Philippine waters by 2040.

DENR Undersecretary for Policy, Planning and International Affairs [Jonas Leones](#) said the adoption of NPoA-ML will enhance efforts in resource and [waste management](#) in the country's waterways and marine environment.

"This initiative is timely, as the country has been named by external studies as one of the main sources of plastic leakages into oceans. It also presents opportunities to revisit current efforts in municipal solid waste management, particularly reduce, reuse, recycle or 3Rs approaches, and eventually, help localize the NPoA-ML," Leones said.

Leones took note of Memorandum Order 2010-10 as the globe celebrated World Habitat Day in October. It was a reminder to each citizen and local government unit of their contribution to waste management, climate change mitigation and sustainable development goals.



DENR adopts national plan of action for the reduction of marine litter

World Habitat Day is supported by the Healthy Oceans and [Clean Cities Initiative](#) (Hocci) and is funded by the [Japan](#) government to enable local government units to strengthen their capacity to implement the reduction of marine litter.

The [Philippines](#) heads the Project [Advisory Committee](#) of the Hocci.

"This will bring the focus of marine litter to marine management and biodiversity issues," Leones added.



DENR observes sea anemones on Tanza Marine Park in Navotas

Published November 15, 2021, 5:43 PM
by [Joseph Pedrajas](#)

The Department of Environment and Natural Resources (DENR) has reported the sighting of sea anemones on the shores of the Tanza Marine Tree Park (TMTP) in Navotas City, which gives hope about the good effects of the Manila Bay rehabilitation.

While DENR-National Capital Region (NCR) does not necessarily attribute the presence of sea anemones on TMPT to the thriving coral reef community in the area, its Executive Director said it makes the agency “excited as it says a lot of what we have been doing in relation to the cleanup and rehabilitation of Manila Bay.”

“DENR and other partner organizations have been recording a lot of previously unseen wildlife in Manila Bay,” DENR-NCR Regional Executive Director Jacqueline Caancan said.



DENR-NCR/MANILA BULLETIN

Sea anemones, sometimes called the ‘flowers of the sea,’ are marine animals closely related to corals and jellyfish. Like corals, some species of sea anemone live in association with hermit crabs, small fish or other animals to their mutual benefit.

“Admittedly though, we are a long way from our target of making the waters of Manila Bay compliant with class SB standards. But we are confident that, slowly and with the help of other stakeholders, we can do here in Manila Bay what has been done in Boracay,” Caancan added.



DENR observes sea anemones on Tanza Marine Park in Navotas

In 2019, the Ecosystems Research and Development Bureau (ERDB) of DENR conducted an inventory of the coral ecosystems within the Manila Bay Area (MBA), where they found that many coral reefs are surviving in Manila Bay despite numerous environmental and human pressures.

However, Jose Isidro Michael Padin, ERDB's Supervising Science Research Specialist clarified that nearly 72 percent of the surveyed reefs is found in Cavite.

“The reef sites in Maragondon and few on Corregidor and Caballo Islands had fair to good live coral cover, but these reefs are continually threatened by sedimentation, nutrient contamination, reduced water clarity, and high fishing pressure,” Padin said.



DENR urges: Practice proper waste management

The agency has recorded 1,734,746 kilos of waste generated from last year, adding that they expect that the numbers will increase to 1,772,660 kilos of wastes by the end of 2021

BY JONAS REYES

CITY OF SAN FERNANDO, Pampanga – The Department of Environment and Natural Resources (DENR) called on residents of this region to practice proper waste management as Central Luzon is expected to generate 1,772,660 kilos of wastes by the end of 2021.

DENR Regional Information officer Donaver Guevarra stressed that the call for proper waste management is aimed at giving better information to local leaders and barangay officials on how to reduce waste generation and protect rivers from pollution.

He added that they intend to involve local leaders in curbing municipal waste problems by encouraging their constituents to segregate their trash at home and to reduce their consumption of single-used plastics.

The agency has recorded 1,734,746 kilos of waste generated from last year, adding that they expect that the numbers will increase to 1,772,660 kilos of wastes by the end of 2021.

“Waste segregation seems basic, but it takes too much discipline to religiously practice it. It may be time-consuming, but it is essential to sort these wastes at household level to prevent them from polluting our river systems

and our environment in general,” Guevarra said.

Aside from the usual waste generated, waste caused by the Covid-19 pandemic has also been on the rise, with medical wastes such as masks, face shields, and personal protective equipment or PPE produced more than 400 kilos.

Guevarra noted that these hazardous wastes should be separated from the household wastes, citing that these are considered hazardous and pose danger to health and the environment.

Waste segregation seems basic, but it takes too much discipline to religiously practice it.

He added that amid the pandemic and local quarantine status, the DENR would continuously go on ground to meet local leaders and residents and to promote ecological solid waste management, river protection and biodiversity conservation.

This year, the DENR has already conducted 72 environmental education lectures using a blended approach of online platforms and face-to-face interaction participated in by more than 2,000 local government leaders,



DENR's proposed ₱1.3B fund for travel expenses questioned

By [Eimor Santos, CNN Philippines](#)

Published Nov 15, 2021 11:41:12 PM



DENR/FACEBOOK

(FILE PHOTO)

Metro Manila (CNN Philippines, November 15) — Senate President Vicente "Tito" Sotto III wants the chamber to “validate the necessity” of a ₱1.28 billion allocation for the Department of Environment and Natural Resources' travel expenses next year.

"*Umabot sa bilyon* [It reached a billion]," Sotto said Monday during plenary debates on DENR's proposed budget for 2022.

"You have to justify a huge budget proposal for travel expenses alone," Sotto added, addressing DENR officials who were present during the session.

Senator Cynthia Villar, sponsor of the DENR's budget, said the money will be used by a total of 275 offices nationwide, for an average funding of ₱4.7 million each.

"They said their offices will perform compliance monitoring and enforcement of the environment and natural resources laws; coordination, monitoring, evaluation and validation of the programs and projects; and activities and extension services of the whole DENR," Villar said.

But Sotto was not convinced.

"Precisely. There are 275 offices. *Ibig sabihin punong puno ang Pilipinas ng mga regional offices at ng departamento.* So why do they have to travel? *Bakit ganito kalaki 'yung kailangan nilang traveling expenses,*" he said.



DENR's proposed ₱1.3B fund for travel expenses questioned

[Translation: Precisely. There are 275 offices. That means the Philippines is filled with regional offices and departments. So why do they have to travel? Why do they need this huge amount for traveling expenses?]

"I will leave it to the body to validate the necessity of that amount," the Senate President added.

The DENR, along with its attached agencies, has a ₱25.4 billion allocation under the latest version of the spending plan. Following Monday's interpellations, it will next go through possible amendments.

Senators are holding marathon deliberations on the proposed ₱5.024 trillion national budget for next year -- the biggest in the country's history due to allocations for pandemic response and recovery.

DENR's P1.280-B travel budget for 2022 questioned in Senate

By HANA BORDEY, GMA News

Published November 15, 2021 10:49pm



“So why do they have to travel? Bakit ganitong kalaki yung kailangan nila ng traveling expenses, 'di ba merong communication? 'Di ba may phone? Internet? (Why do we need huge amount for traveling expenses? Don't we have other means for communication? Don't we have phones and internet?)” said Senate President Vicente Sotto III.

Senate President Vicente Sotto III on Monday questioned the P1.280-billion Department of Environment and Natural Resources' (DENR) proposed budget for travel in 2022.

“This caught my attention while reading the budget briefer prepared by the LBRRMO. Umabot sa bilyon (It reached a billion)? There are regional offices ang (in the) DENR, hindi ba (right)? You have people on the ground all over the country,” Sotto said during the continuation of Senate plenary debates on the 2022 budget bill.

“So can you enlighten us on why we will give you and you have to justify a huge budget proposal for traveling expenses alone for [next] year?” Sotto asked.

Citing the response of the officials, Senator Cynthia Villar, sponsor of the DENR's budget, said the traveling expenses will be given to 275 offices.

“If we go by the average, this translates to around P4.7 million per office,” Villar said.

Sotto then pointed out that there are 275 regional offices, noting that there is no need to travel especially now that technology is available.

“So why do they have to travel? Bakit ganitong kalaki yung kailangan nila ng traveling expenses, 'di ba merong communication? 'Di ba may phone? Internet? (Why do we need huge amount for traveling expenses? Don't we have other means for communication? Don't we have phones and internet?)” he said.



DENR's P1.280-B travel budget for 2022 questioned in Senate

Villar explained that the DENR offices have to perform compliance monitoring and enforcement of the environment and natural resources laws, coordination monitoring, evaluation and validation of the programs projects and activities and extension services of the whole DENR.

Nevertheless, Sotto said he will leave it to his colleagues to “validate” the need for the traveling funds. -- **BAP, GMA News**



Bamboo reforestation project up in NVizcaya

By Leander C. Domingo
November 15, 2021

QUEZON, Nueva Vizcaya: A mining firm in this province has successfully led the bamboo reforestation program with its conversion of a clay source for mine tailings construction.

James Carmichael, FCF Minerals Corp. country manager, said the project started in September this year in time with the celebration of World Bamboo Day.

Carmichael said clay soil tends to become waterlogged and compacted, making it difficult for fledgling plants to establish a good root system.

"But with good soil management practices by our Mine Environmental Protection and Enhancement Office (Mepeo) and a bit of work, you can improve heavy clay to create soil that's a pleasure to plant with," he said.

Carmichael said the bamboo project, which now shows progress, was spearheaded by the company's Mepeo through its rehabilitation section.

Philex puts up bamboo plantation in Benguet

"We initially planted a total of 500 bamboo propagules of various species such as bayog (*dendrocalamus merrillianus*), kawayang-Kiling (*bambusa vulgaris*) and giant bamboo (*dendrocalamus asper*) at Radio Hill, one of the mine rehabilitated areas of the company that used to be a clay source for tailings construction," he explained.

Carmichael said the initiative of the company for bamboo plantation establishment including other areas is in compliance with the Memorandum Order of Mines and Geosciences Bureau (MGB) Central Office Director Wilfredo Moncano issued on June 11, 2020.

"To date, FCF has established a total of 24.86 hectares of bamboo plantation equivalent to 14,230 bamboo propagules planted within the buffer zone, riverbanks, disturbed and mined-out areas of the company's FTAA," he said, referring to financial or technical assistance agreement.

The FTAA is a permit issued to a multinational company to explore and extract minerals in the Philippines for an initial period of 25 years and could be renewable.



Bamboo reforestation project up in NVizcaya

DENR pushes creation of mini bamboo forests for bamboo-based lumber export

He explained that the MGB order requires all mining companies in the Philippines to establish and maintain a bamboo plantation equivalent to 10 percent of the mined-out areas.

This is in line with the instruction from Department of Environment and Natural Resources Secretary Roy Cimatu to support the Enhanced National Greening Program, he added.



MGB-12 recommends relocating folk near GenSan river

By Allen Estabillo November 15, 2021, 7:35 pm



SUBSIDENCE. Photo shows a portion of a mountain situated near the Klaja River in Barangay Conel, General Santos City that subsided on Nov. 9. No residents were directly affected but it caused the impounding of huge volumes of water, which could possibly collapse and trigger flash floods in the downstream areas based on the assessment of the Mines and Geosciences Bureau 12 (Soccsksargen). *(Photo grab from Mayor Ronnel Rivera's Facebook page)*

GENERAL SANTOS CITY – The Mines and Geosciences Bureau in Soccsksargen (MGB 12) has recommended the relocation of residents near a critical river here due to the possible occurrence of flash floods and debris flow.

Ariel Austin Acosta, MGB-12 supervising geologist, issued the recommendation on Monday in the wake of the impounding of huge volumes of water in the upper portion of the Klaja River in Barangay Conel here following a major landslide in the area last week.

He said the “landslide dam,” which formed after a portion of a nearby mountain gave way last November 9, could eventually collapse and trigger flash floods in low-lying areas.

Based on an ocular inspection earlier conducted by the city government, around 500 to 800 meters of soil reportedly fell into the river and caused the impounding of an estimated 30 to 40 feet of water.

Acosta, who led the assessment of the site over the weekend, said the impounded water poses danger to the nearby residents.

“For a long-term solution, we need to relocate all the houses adjacent to Klaja because it is prone to flashflood and debris flow,” he said in an interview on radio station Bombo Radyo.

If the immediate relocation is not possible, he said the preemptive evacuation of residents should be implemented during heavy rains.

MGB-12 identified the Klaja River last April as among the areas in the city that are prone to flash floods and debris flow based on its updated geohazard assessment.



MGB-12 recommends relocating folk near GenSan river

The agency has recorded landslides in the 1990s near the latest subsidence in Sitio Pulatbo of Conel, which is adjacent to Purok 15 of Barangay Mabuhay.

Acosta said the impounded water could further increase since at least four upstream tributaries drain to the Klaja River.

He said that although there are no houses in the surrounding area, it could eventually affect the lower portions of the river and its outlets, especially the Buayan River.

The site should be declared off-limits to residents and visitors as they observed that the soil blocking the river already has water seeping from it.

“It means that the soil is soft already and starting to liquefy, and might eventually give way,” he said.

Acosta said the local government, especially the barangay, should assign a team that will regularly monitor the site and alert residents in case of possible disasters.

Dr. Agripino Dacera Jr., head of the City Disaster Risk Reduction and Management Office, said no residents were affected in last week’s landslide although some crops were reportedly destroyed.

He said they already alerted residents living nearby and are working on the necessary interventions to prevent possible disasters.

“It is a cause for alarm, but there’s no need to panic. We don’t see any serious threat coming from it and rest assured that we will do something about it,” he said. **(with a report from Richelyn Gubalani/PNA)**



SMC's Pasig, Tullahan River cleanup initiatives exceed targets

November 16, 2021



Photo shows the solid waste pollution at the Tullahan River section between Marulas, Valenzuela and Potrero, Malabon in 2007 during one of the early attempts of San Miguel Corp. (SMC) subsidiary San Miguel Brewery Inc. to clean a portion of the 27-kilometer tributary and the same area later in 2021 with SMC's river rehabilitation project. CONTRIBUTED PHOTO

SAN Miguel Corp. (SMC) reported that its river cleanup initiatives at the Pasig River and the Tullahan River, both major tributaries crucial to the rehabilitation of Manila Bay, have exceeded initial targets even as the corporation prepared to ramp up efforts in the coming months with the easing of quarantine restrictions.

SMC President Ramon Ang said the company aimed to steadily increase the daily extraction output from the two rivers. This was in anticipation of potential monsoon rains that usually cause heavy floods in Metro Manila cities near the 27-kilometer Pasig River and the cities of Navotas, Malabon, Valenzuela and Caloocan alongside the 27-kilometer Tullahan River.

Both rivers empty out to Manila Bay and were included in the list of the world's top 10 rivers that pollute oceans with plastic waste, according to a report by research website ourworldindata.org early this year.

"The cleanup and dredging of these rivers are the first and necessary steps to remove years and years of accumulated [waste] in them and reduce severe flooding in adjacent areas. But we need



SMC's Pasig, Tullahan River cleanup initiatives exceed targets

the support of all stakeholders and local communities in order to keep them clean and truly rehabilitate them over time," Ang said.

The P1-billion Tullahan River project is fully funded by SMC and is done in cooperation with the Department of Environment and Natural Resources. Before the year ends, SMC aims to extract a total of over 1 million metric tons of waste from Tullahan and expects to hit the 600,000 tons for Sectors One to Five of the project.



News5

5 hrs ·

Handa na ang Philippine eagle na si Rajah Cabungsuan para muling makalipad at manirahan sa kagubatan. Nakatakdang pakawalan si Rajah Cabungsuan sa Surigao del Sur sa loob ng dalawang araw. Nakahanda na rin ang mga local at indigenous forest guards, at ang mga biologist ng Philippine Eagle Foundation para i-monitor at siguruhing ligtas siya na mamuhay sa gubat.

: Philippine Eagle Foundation





Coca-Cola and Eco Rangers improving communities with Blastik Project

The Philippines' plastic recycling rate stands at only 28% according to a 2018 report by the National Solid Waste Management Commission. Of the 2.7 million tons of waste generated annually, a staggering 9,000 tons end up in landfills or at sea due to a lack of recycling facilities and improper disposal of waste.

When the COVID-19 pandemic forced many people to use disposables and rely more on ecommerce to get their essentials, the use of plastic became even more prevalent. To mitigate an impending waste crisis, improved collection and recycling of plastic have become even more critical.

Reducing the amount of plastic that reaches the landfills and the oceans is a key priority for Coca-Cola Philippines as aligned with its World Without Waste vision, where they aim to collect and recycle the equivalent of every bottle they sell by 2030.

The Blastik Project began as a component of a project launched in 2019 by the Philippines-based NGO Alternative Indigenous Development Foundation, Inc. (AIDFI). The project piloted a village-scale plastic recycling center funded by The Coca-Cola Foundation, the international philanthropic arm of The Coca-Cola Company, with the aim of boosting environmental awareness, providing livelihoods and financial assistance, and recycling more plastic.

After the project's successful pilot run, Coca-Cola Philippines - through its social investment arm Coca-Cola Foundation Philippines - took over the financing of the partnership with a grant that runs from 2020 until 2023 with PeacePond - an organization that advocates solid waste management, organic and natural farming, education, culture and the arts, livelihood opportunities, and women and child empowerment, taking the lead in sustaining and expanding the project. The continuation of the Blastik Project hopes to unlock and share this value to more people both in cities and in the countryside.

A VEHICLE FOR CHANGE

The PeacePond Farmers Association (PFA) in Binalbagan, Negros Occidental, is the main proponent of the Blastik Project in communities. These farmers', or as they call themselves, the Blastik Eco Rangers, main responsibility is to educate and empower the community about proper waste segregation, recycling, and livelihoods through community workshops/webinars and ensure the proper implementation of the project. PeacePond, through the Blastik Project, aims to educate and empower the communities on proper waste segregation, recycling, and livelihood.

Among the beneficiaries of the project are Jo Guanco, a 53-year-old solid waste management advocate and the secretary of the PeacePond Farmers Association, and Junjun Gantes, a 54-year-old PeacePond farmer.

Jo and Junjun have been part of the Blastik Project since 2019. The initiative helped them understand the value of collecting and recycling used and clean plastic bottles. As Blastik Eco Rangers, they look at these used recyclable plastic bottles not as trash but as materials that can be used over and over again. Recyclable plastic bottles, as they have seen in the past years working on



Junjun Gantes

the Blastik Project, are seen as a versatile, lightweight material and, therefore, can be collected, recycled and used repeatedly. With this new way of looking at used collected plastic bottles as a valuable resource material, Blastik Project was able to open more livelihood opportunities for the people in their

COCA-COLA Foundation and PeacePond Farmers Association (PFA) collected, processed and recycled approximately 15,422 kilos (or a little more than 17 tons) of mixed bottles, bottle caps, sachets, and plastic labels, despite the challenges presented by the pandemic.



putting food on their tables.

"Sa Blastik Project po, itimuturo namin ang importansya ng segregation at recycling sa aming mga kapitbahay at kalapit na mga barangay. Kami po ang naka-assign na mangolekta at nakipag coordinate sa mga barangay para sa schedule ng pagkolekta at kung minsan ang mga offices na ng barangay ang kumukontak sa amin para kunin ang plastic bottles dahil alam na po nila ang tungkol sa Blastik Project," shares Blastik Eco Ranger, Jo Guanco.

(With the Blastik Project, we're able to impart our knowledge and educate our neighbors and people from nearby barangays on the importance of waste segregation and recycling. As a Blastik Eco Ranger, I manage and assign the schedule of recyclable collection per area. There are also instances where the barangay proactively contacts us to schedule the pickup in their area.)



Jo Guanco

Through the Blastik Project, plastic bottles and caps are collected and upcycled into wall tiles, desks, chairs, kitchen cabinets, bowls, plant pots, home décor and more. Some PET bottles, mixed with sachets and plastic bags, are turned into pavers for footwalks and garden footpaths. Other PET bottles were transformed into free-standing walls for six structures in PeacePond while

some are used for bottle gardens in the organic farm. Plastic labels are turned into handcrafted wallets, purses, bags, gadget pouches, laptop sleeves and even face mask cases.

"Malaking tulong rin po ang Blastik Project (at Coca-Cola) sa aking pamilya, lalo sa pang araw-araw naming pamumuhay. Dahil dun sa organic garden, nakakakuha kami ng gulay na maaaring ipakain sa aming mga pamilya at binabahagi rin namin ito sa aming mga kapitbahay at kapwa Eco Rangers," shares Blastik Eco Ranger and PeacePond farmer, Junjun Gantes.

(The Blastik Project [and Coca-Cola] greatly helped my family, especially in supporting our daily needs. Through the organic garden in our backyard, we're able to get fresh produce that we can cook for our family, and we also share the excess vegetables to our neighbors and other Eco Rangers like us.)

The Blastik Project is rapidly expanding because the program is effective and easy to replicate. In fact, the initiative is being replicated in several communities including, but not limited to, over 600 beneficiaries from Bakyas Community in Oringao, Kabankalan, Elite Ads Corp. Paranaque, and Elite Ads Corp. Carmona. The Blastik Project also has active partnerships with Seda Hotel in Bacolod City and Southland College in Kabankalan, Negros Occidental.

A PROMISING FUTURE

Even with the challenges presented by the pandemic, the Blastik Project has collected, processed and recycled approximately 15,422 kilos (or a little more than 17 tons) of mixed bottles, bottle caps, sachets, and plastic labels.

Coca-Cola is a company known for its innovation, whether in product development, brand building, or facilitating positive change in the community. As the world evolves and modernizes, opportunities for environmental protection and innovation also arise. With projects like the Blastik Project and over 40 more zero-waste communities supported by the Coca-Cola Foundation Philippines, communities are increasingly seeing the value of plastic waste segregation and recycling.

"We are happy and excited about the Blastik Project's initial success," shares Cecile Alcantara, president of Coca-Cola Foundation Philippines. "The Coca-Cola Foundation Philippines will continue to partner with like-minded organizations and communities, supporting initiatives towards a world without waste."

Read more about the World Without Waste vision of Coca-Cola and their initiatives here <https://www.coca-colacompany.com/reports/business-environmental-social-governance-report-2020> and watch the Coca-Cola and Blastik Project partnership HERE. To get updated on what Coca-Cola is doing in the Philippines, follow the Facebook official page.



P2-M reward for Iligan's most efficient village in waste mgm't

Published November 15, 2021, 7:12 AM
by [Philippine News Agency](#)

CAGAYAN DE ORO CITY – An incentive worth PHP2 million will be given by the local government of Iligan City to the barangay that can implement the most efficient solid waste management.

During the “Kapehan sa Iligan” program streamed online on Sunday, Engr. Celso Layos, the officer-in-charge of the city government’s Solid Waste Management and Pollution Control Division, said the incentive can be used by the barangay to further improve its existing solid waste management programs.

Layos said the criteria for judging include the existence of a functional Barangay Materials Recovery Facility (BMRF), a residual containment area where garbage materials are segregated, and compost pits.

“Every purok (community) must have compost pits, and each household needs to comply. It is also important that we see in our records that there were no mixed garbage materials,” he said in vernacular.

Layos noted a significant improvement in the villages’ solid waste management efforts, especially in coastal areas, since the competition was opened.



DOST allots P2.4-M for Payatas disposal facility

By Ma. Cristina Arayata November 15, 2021, 7:58 pm



MANILA – The Department of Science and Technology (DOST) is allocating PHP2.49 million for the development of a smart greenhouse system in the Payatas Controlled Disposal Facility (PCDF).

DOST Secretary Fortunato de la Peña said the DOST-National Capital Region on November 5 signed a memorandum of agreement with the Technological University of the Philippines for the implementation of this project.

"It (project) aims to develop a smart greenhouse system by utilizing advanced technologies through different components such as smart aquaponics system through utilization of Internet of Things (IoT), which will develop an IoT-based integrated sensor module for monitoring smart aquaponic system parameters," he said in a Viber message.

Another component is the fully automated polystyrene biodegrading system for mealworm segregation to develop a system for mealworm rearing that will biodegrade polystyrene and serve as artificial habitat for their whole life cycle.

A solar photovoltaic energy power system will serve as power source for other components of the program, according to de la Peña.

The agro-eco park, he said, consists of various technologies which were designed to promote a greener and more self-sustainable environment. De la Peña said the park will also feature domes, botanical gardens, clearer views of the Sierra Madre and La Mesa dams.

The park will also have ponds capable of supporting both aquaponics and agroponics systems, solar panels, and wind turbines that will utilize renewable energy sources to aid the full operation of the said park.

Within the area, vegetables like lettuce, tomatoes, bell peppers, and fishes such as tilapia and catfish will also be grown and harvested, he said. (*PNA*)

Source: <https://www.pna.gov.ph/articles/1159828>

Hospital waste, not masks, are plastic threat of pandemic: study

A new study has found that 26,000 metric tons of pandemic-related plastic waste has been released into the world's oceans since the start of the Covid-19 pandemic in January 2020.



A hospital worker covering a piece of equipment with plastic at an Indonesian hospital. Image: [ILO/F. Latief](#), [CC BY-NC-ND 2.0](#).

[Elizabeth Claire Alberts, Mongabay.com](#)

Nov. 15, 2021

The disposable face mask has become the poster child for Covid-19-related waste since the start of the pandemic, showing up on [beaches and in waterways](#) all over the world. Hong Kong is no exception. Just a few weeks after the first cases hit the city, face masks started appearing in the ocean and washing onto beaches, says Gary Stokes of Hong Kong-based NGO OceansAsia.

“You can go down into the main bit of Hong Kong Harbor, be waiting for a ferry or looking over the promenade, and you’ll just see them floating past,” Stokes told Mongabay in a phone interview. “Then you can go all the way out to ... the Soko Islands, which is remote and ... away from everybody, and you still find them there.”

But discarded face masks are only the most noticeable form of pandemic-related plastic waste impacting the marine environment. A new study published this week in [Proceedings of the National Academy of Sciences](#) (PNAS) found that pandemic-related hospital waste — plastic sheets, bottles, syringes and gloves — posed a far greater threat than the [1.56 billion face masks](#) estimated to have already made their way into the oceans.

The study used modeling to find that 193 countries produced more than eight million metric tons of pandemic-related plastic waste since the start of the Covid-19 outbreak. About 26,000 tons of this

Hospital waste, not masks, are plastic threat of pandemic: study

waste is said to have already been released into the ocean, where it can threaten marine wildlife through entanglement and ingestion.

The vast majority of this plastic waste, about 87 per cent, is produced by hospitals, while only seven per cent comes from personal protective equipment (PPE), according to the study. The paper also looked at disposable plastic used in online shopping and Covid-19 test kits, but these are said to only account for 4.7 per cent and 0.3 per cent respectively.

“Hospitals are the new hotspots,” study co-author Yanxu Zhang of China’s Nanjing University told Mongabay in a video interview. “It was very surprising to us because we already read some previous studies or news articles about face masks.

So we first thought that the personal protection equipment was probably the largest contributor [to pandemic-related plastic pollution], especially considering the huge amount of usage, not only by the patients but by everybody. Well, after we carefully evaluated our data, we realised that’s not the case.”

The study suggests that more than 72 per cent of the mismanaged waste comes from Asia, despite the region only experiencing 30 per cent of worldwide Covid-19 cases. Europe is thought to have produced about 11 per cent of mismanaged pandemic-related plastic, while North America produced only 1.9 per cent.

Zhang said most of the mismanaged plastic waste was coming from developing countries that lacked adequate waste management. He said these were often the same countries that experienced high numbers of Covid-19 cases and where vaccines weren’t readily available.

Most of this pandemic-related plastic waste will enter the ocean through river systems, the top three being the Shatt al-Arab in Iran, the Indus and Yangtze river systems, the study says. By the century’s end, “almost all the pandemic-associated plastics” will end up on beaches or the seabed, according to the researchers.

While the amount of pandemic-related plastic waste pouring into the ocean is concerning, Zhang says it is only a “fraction” of what is already there. According to a 2015 [study](#), there are more than 5.25 trillion pieces of plastic in the marine environment. This amount is increasing as plastic production continues to rise.

When plastic enters the ocean, [sunlight, oxidation, friction or even animals](#) break it into smaller pieces. Anything smaller than five millimetres (about three-sixteenths of an inch) is considered a “microplastic.”

Research shows that some [microplastics float on the surface](#), while others will travel with the currents through the ocean and [settle on the seafloor](#). Microplastics in the ocean will even [enter the atmosphere](#) through the propulsion of waves and sea spray, [research](#) shows.

While many plastics are touted as “safe,” they can actually be made from an array of toxic chemicals and additives, such as polyvinyl chloride (PVC), which has been linked to [cancer](#) cases in humans, and bisphenol A (BPA), which is known to be an [endocrine disrupter](#).

Hospital waste, not masks, are plastic threat of pandemic: study

“When we talk about plastics, we have this misconception that plastic is just one thing,” Patricia Villarrubia-Gómez of the Stockholm Resilience Centre told Mongabay in a video interview. “But in reality, there are hundreds of different kinds of plastics that are made up of thousands of different kinds of chemicals and additives that give ... each plastic its own properties. So in many cases, we don’t know which chemicals are in those plastics. The industry does not provide that information.”

In many cases, research regarding potential harm from these thousands of chemicals has not been done, which could lead to unpleasant unforeseen toxic surprises in future, long after the oceans have been polluted with them.

What’s more, plastic is known to act as a [sponge for other toxic chemicals](#) present in the ocean, heightening plastic’s own toxicity and potentially poisoning any animal that ingests it. A 2017 [report](#) published by the UN Food and Agriculture Organisation (FAO) found that fish and other marine animals that had high concentrations of microplastics in their respiratory and digestive tracts experienced increased mortality.

Less is known about plastic’s effect on human health, but many researchers suspect that plastic could negatively affect our health if enough of it accumulates in our bodies. [Evidence is still emerging](#), and more research is needed, as to the health impacts of ingesting microplastics on shellfish and fish, and on humans who eat seafood.

Besides threatening marine life and possibly even human health, researchers consider plastic to be a [novel entity](#) that has the potential to alter the dynamics of Earth’s life support systems. Novel entities are one of the [nine planetary boundaries](#) that help regulate life on Earth, but have a limit for how much pressure they can sustain from anthropogenic activities before becoming seriously destabilised.

Up to this time, scientists have yet to determine a threshold for the novel entity boundary. However, many experts agree that plastics are among the many synthetic entities within this boundary that pose a substantial threat to the optimal functioning of the Earth.

Villarrubia-Gómez says the increase of pandemic-related plastic waste could not only put additional pressure on the oceans, but could contribute to atmospheric microplastics.

“I’m personally concerned [about] what’s going to happen with the masks,” she said. “[Masks have] a type of fiber that sheds and ... maybe it [will increase the] microfibers seen in the atmosphere.”

Plastic is also known to impact the climate change planetary boundary due to the large amounts of [greenhouse gases that are emitted](#) during plastic’s entire life cycle — from the extraction of raw materials to manufacturing to disposal.

[Recent research](#) even shows that atmospheric microplastics are impacting cloud reflectivity — both subtly [cooling and warming](#) Earth’s climate, depending on circumstances. However, the microplastic particles are so varied in size, shape and color it is too early to know what their ultimate atmospheric effects may be.

Clearly, plastic waste is having a substantial impact on the natural world, and research shows that the Covid-19 pandemic is exacerbating the problem. However, Zhang says he hopes that his paper



Hospital waste, not masks, are plastic threat of pandemic: study

in *PNAS* will help shine a light on the seriousness of the issue, and even help encourage governments to enforce stricter policies that address the mismanagement of waste — a [plastics global treaty](#) could even [be in the works](#) in 2022.

“We want our paper to raise public awareness,” he said, “[and for] policymakers to know that there is a price or side effect of this plastic industry as we fight this disease.”



Moreno promises support to local and IP communities on reforestation, conservation

(Philstar.com)

- November 15, 2021 - 3:54pm



Presidential aspirant and Manila City Mayor Francisco "Isko Moreno" Domagoso delivered a message to the supporters during the visit at Quezon City Memorial Circle in this file photo dated October 29, 2021.
The STAR/Boy Santos, File

MANILA, Philippines — If elected president, Manila City Mayor Isko Moreno vowed to mitigate the impacts of climate change and disaster in the country by pursuing massive rehabilitation, recovery, and reforestation of around two million hectares of the country's denuded forests.

At a stakeholders' meeting at the Agricultural Training Institute held at the Mimaropa Regional Office in Naujan town, Moreno said his version of the national government's reforestation program will "harness the strength and capability of local government units, local communities, especially indigenous communities and tribes, and the private sector."

President Rodrigo Duterte's own approach to the problem saw him warning mining companies in 2018 that he would declare a total ban on open-pit mining the following year.

"For decades, the government has borrowed and spent billions of pesos in government-led reforestation programs that have had limited success because of the absence of strong support and engagement with LGUs, communities and private sector," Moreno, who has said he aims to "replicate" his policies as Manila chief, explained.

He vowed to engage and work with upland and indigenous communities to directly manage and protect forest areas and utilize forest resources that they have protected and sustainably managed within their ancestral lands with support from the national and local governments and private sector groups.



Moreno promises support to local and IP communities on reforestation, conservation

Moreno pointed out that recovering, rehabilitating, and protecting the country's natural resources are investments into the country's natural capital assets that are critical in the country's post-coronavirus recovery plan and development future.

He also highlighted the need for trilateral cooperation between LGUs, indigenous peoples, and local communities for the protection and preservation of some 4.5 million hectares of key terrestrial and coastal/marine biodiversity conservation areas.

"Here in Mindoro province, the Mangyans and other indigenous people in the province have a big role to play in guarding our forests against illegal logging. And we will make sure they have support from the national government and the LGUs," Moreno said in Filipino.



Marcos vows to fight pollution, improve air quality

By [Bernadette E. Tamayo](#)

November 16, 2021



FORMER senator Ferdinand "Bongbong" Marcos Jr.

FORMER senator Ferdinand "Bongbong" [Marcos Jr.](#) wants to improve air quality in the country as part of his program to fight pollution.

The presidential aspirant believes that a pollution-free country will help boost the economy, particularly the health care and labor sectors.

"It is important that the environment where we live is clean and safe," Marcos said on Monday. "That is why it is important to protect the quality of air and to address the air pollution problem in the country because it is connected to our economy."

The Center for Research on Energy and Clean Air and the Institute for Climate and Sustainable Cities report that air pollution costs the [Philippines](#) P4.5 trillion a year.

The same report said that about 66,000 premature deaths from non-communicable diseases and lower respiratory infections each year are directly linked to pollution.

It added that the air quality in the Philippines is equivalent to smoking at least one cigarette a day.

The standard-bearer of the [Partido Federal](#) ng Pilipinas said air pollution has a big effect on the economy and the daily lives of Filipinos.



Marcos vows to fight pollution, improve air quality

"So, it should just be addressed as soon as possible (That's why it is necessary to address this as soon as possible)," Marcos said.

He made the call even as representatives from nearly 200 countries gathered in Glasgow for talks aimed at keeping the world within the [Paris Agreement](#) goal of limiting temperature rise to between 1.5 and 2 degrees Celsius.

The Earth's surface has warmed 1.1 degrees Celsius from pre-industrial levels so far, magnifying weather extremes across the planet. The world is on track to surge beyond the Paris Agreement target of limiting heating to between 1.5C and 2C.

Even with the new round of carbon-cutting pledges this year, Earth's surface will still warm a "catastrophic" 2.7C, the [United Nations](#) calculated.

[Isabella Suarez](#), a CREA analyst, said the detrimental health effects snowball into economic costs that affect the health care and labor system.

"Neglecting air pollution comes with a heavy bill in the form of increased health care and welfare costs as well as loss of labor and economic productivity," Suarez said.

The study also showed that of the P4.5 trillion annual cost to pollution, 98 percent or P4.43 trillion is lost to premature deaths that result in lost livelihoods and economic productivity.

"We need to end the pollution problem for the sake of the next generations and they will have access to safe and safe air. So, we will focus on this (we have to end the pollution problem for the sake of the next generations)," Marcos said.



World's first EDGE zero carbon certified portfolio in PH

November 16, 2021



NEO's real estate portfolio is the first in the world to be certified with the [International Finance Corp.](#)'s EDGE zero-carbon certification. CONTRIBUTED PHOTO

BY becoming a zero carbon champion, NEO hopes to inspire property owners and managers around the world to commit to net zero, especially for existing buildings.

The retrofit plans for seven office buildings were verified by excellence in design for greater efficiencies (EDGE) partner SGS-Sintali in October 2021, well ahead of the company's original goal of net zero by 2030.

As climate catastrophe looms, vulnerable countries such as the [Philippines](#) need to ramp up efforts across key sectors such as real estate where certifications for green buildings and net zero are powerful and impactful strategies. One stellar example is EDGE.

An innovation of the International Finance Corp., EDGE is a green building standard, rating system and free online platform designed for emerging markets. The EDGE Zero Carbon Retrofit Protocol was developed to provide a pathway to achieve zero carbon for existing buildings.

For green retrofit projects to be certified under this new protocol, companies must verify that their retrofit design meets the minimum 40-percent operational energy efficiency improvements as well as prove that the operational energy from the previous year is from renewable sources and/or carbon offsets.

Once the retrofit is completed within a three-year period, the project will undergo final certification. NEO's buildings are projected to have from 41 to 49 percent energy savings with energy sources procured from the "Cleanergy" portfolio of [Aboitiz Power Corp.](#)

Source: <https://www.manilatimes.net/2021/11/16/public-square/worlds-first-edge-zero-carbon-certified-portfolio-in-ph/1822321>



Air pollution in Europe still killing 300,000 a year – report



By [Agence France-Presse](#)

November 15, 2021

COPENHAGEN: Premature deaths caused by fine particle air pollution have fallen 10 percent annually across [Europe](#), but the invisible killer still accounts for 307,000 premature deaths a year, the [European Environment Agency](#) said on Monday.

If the latest air quality guidelines from the [World Health Organization](#) were followed by EU members, the latest number of fatalities recorded in 2019 could be cut in half, according to an EEA report.

Deaths linked to fine particular matter — with a diameter below 2.5 micrometers or PM2.5 — were estimated at 346,000 for 2018.

The clear reduction in deaths for the following year were put down partly to favorable weather but above all to a progressive improvement in air quality across the continent, the [European Union's](#) air pollution data center said.

In the early 1990s, fine particles, which penetrate deeply into the lungs, led to nearly a million premature deaths in the 27 EU member nations, according to the report.

That figure had been more than halved to 450,000 by 2005.

In 2019, fine particulate matter caused 53,800 premature deaths in [Germany](#), 49,900 in [Italy](#), 29,800 in France and 23,300 in [Spain](#).

[Poland](#) saw 39,300 deaths, the highest figure per head of population.

The EEA also registers premature deaths linked to two other leading pollutants, but says it does not count them in its overall toll to avoid doubling up.

Deaths caused by nitrogen dioxide — mainly from car, trucks and thermal power stations — fell by a quarter to 40,000 between 2018 and 2019.

Fatalities linked to ground-level ozone in 2019 also dropped 13 percent to 16,800 dead.

Air pollution remains the biggest environmental threat to human health in Europe, the agency said.

Heart disease and strokes cause most premature deaths blamed on air pollution, followed by lung ailments including cancer.

In children, atmospheric pollution can harm lung development, cause respiratory infections and aggravate asthma.



Air pollution in Europe still killing 300,000 a year – report

Seven million global death toll

Even if the situation is improving, the EEA warned in September that most EU countries were still above the recommended pollution limits, be they European guidelines or more ambitious WHO targets.

According to the [UN](#) health body, air pollution causes seven million premature deaths annually across the globe — on the same levels as smoking and poor diet.

In September, the alarming statistics led the WHO to tighten its recommended limits on major air pollutants for the first time since 2005.

"Investing in cleaner heating, mobility, agriculture and industry improves health, productivity and quality of life for all Europeans, and particularly the most vulnerable," said EEA director [Hans Bruyninck](#).

The EU wants to slash premature deaths due to fine air pollution by at least 55 percent in 2030 compared to 2005.

If air pollution continues to fall at the current rate, the agency estimates the target will be reached by 2032.

However an ageing and increasingly urbanized population could make that more difficult.

"An older population is more sensitive to air pollution and a higher rate of urbanization typically means that more people are exposed to PM 2.5 concentrations, which tend to be higher in cities," said the report.



Paaralan, opisina sa New Delhi kinandado sa polusyon



November 15, 2021 @ 2:00 PM 16 hours ago

NEW DELHI, India — Isang linggong isasarado ang lahat ng paaralan sa Indian capital na New Delhi sanhi ng matinding lebel ng polusyon, ayon kay Delhi Chief Minister Arvind Kejriwal nitong Sabado.

Sinabi niya na isasarado ang mga paaralan epektibo mula Lunes, kasunod ng emergency meeting kasama ang mga opisyal, at idinagdag na isang linggo ring work-from-home ang mga opisyal ng pamahalaan. Inabisuhan na rin umano ang mga pribadong sektor na sumunod sa panukalang ito.

Giit ng chief minister, gumagawa na ng panukala ang gobyerno para sa lockdown sa New Delhi.

“(I) Will present the plan to the Supreme Court,” ani Kejriwal.

Ipagbabawal din ang construction activities sa kapital mula Nobyembre 14 hanggang 17, ayon sa chief minister.

Ipinaliwanag na man niya na ang pagtaas ng lebel ng polusyon sa New Delhi ay “due to stubble burning in neighboring states” at nanawagan sa mga stakeholders upang magtulungan sa paglaban dito.

Inabisuhan na ng Central Pollution Control Board (CPCB) ang pampubliko at mga pribadong opisina sa New Delhi nitong Biyernes na bawasan ang paggamit ng mga sasakyan ng halos 30 porsyento. Inilabas naman ng CPCP ang abiso na humihikayat sa mga tao na limitahan ang mga aktibidad sa labas at bawasan ang exposure sa hangin sa siyudad. **RNT/SA**



World must act vs global warming



By [Agence France-Press](#)

November 16, 2021

GLASGOW: The world must act quickly to cut greenhouse gas emissions and avoid "catastrophic" global warming, scientists and politicians warned after nearly 200 countries reached a last-minute agreement in Glasgow.

After two weeks of nonstop negotiations, almost all the world's nations have agreed on a compromise to speed up the fight against rising temperatures.

But the deals stuck under the "Glasgow Pact" will not result in limiting global warming to 1.5 degrees Celsius above pre-industrial levels, the most ambitious objective of the 2015 [Paris Agreement](#).

"Climate catastrophe is still knocking on the door," warned [UN](#) boss António Guterres.

"We have kept 1.5 within reach, but the pulse is weak," said [Alok Sharma](#), [Britain's](#) COP26 president, who has been overseeing the conference in the country's role as host. COP27 is to be held in [Egypt](#) next November.

[Joeri Rogelj](#), director of research at the [Grantham Institute](#), [Imperial College London](#), said: "We are looking in the right direction, but we need to start moving and global emissions need to decline, immediately, rapidly and extremely urgently."

The agreement in Glasgow was the first time after 25 previous conferences that the words "fossil fuels" and "coal" — the main culprits of global warming — have made it into the final text.

"This is long overdue but very welcome," said [Chris Littlecott](#), fossil fuel transition specialist at the think tank E3G.

Their inclusion "confirms that coal is on the conveyor belt to the great trash compactor of history."

He said the world now has a decade "to accelerate coal's demise and expand efforts to oil and gas too."

Recognizing coal and oil by name in the text was a painful process, with [India](#) and [China](#) managing at the last moment to further soften the wording to "phase down" instead of "phase out."

The concession prompted a tearful Sharma to apologize to the world.

[Beijing's](#) shift came as it announced on Wednesday a surprise deal with the [United States](#), the second-largest emitter of greenhouse gases after China.



World must act vs global warming

President [Joe Biden](#), who at the start of the summit lashed out at his Chinese counterpart Xi Jinping for his absence in Glasgow, is due to hold a videoconference with him on Monday.

Beijing needs to deliver on promises made in Glasgow "with action — through putting an expiry date on domestic coal — said Byford Tsang of environmental group E3G.

"How countries establish new cooperation to deliver more short-term action over the next 12 months will be the real test of success at Glasgow," the group said, highlighting other COP26 promises on reducing methane emissions, deforestation and the financing of the fossil fuel industry.

If countries, particularly the major emitters, stick to their incremental, "business-as-usual" policies, they will "condemn current and future generations to a world of untold suffering and harm," warned the [Union of Concerned Scientists](#).

The poorest countries, those least responsible for global warming but which are bearing its brunt, fought in Glasgow to obtain specific funding for "loss and damage."

But they reluctantly gave in, agreeing to further dialogue so as not to jeopardize the broader fight against global warming.

"We always knew that Glasgow was not the finish line," said US envoy [John Kerry](#) on Saturday evening.

It was a sentiment echoed by other rich-world politicians.



Bagong LPA, namataan sa silangan ng Caraga region – Pagasa

By [Bombo Dennis Jamito](#)

-November 15, 2021 | 7:14 PM

Binabantayan ngayon ng Pagasa ang isang low pressure area (LPA) sa silangan ng Caraga region.

Ayon sa Pagasa, maliit pa ang tyansa nitong maging bagyo, ngunit inaasahang magpapa-igting ng ulan sa malaking parte ng Visayas at Mindanao.

Huli itong namataan sa layong 615 km sa silangan timog silangan ng Hinatuan, Surigao del Sur.

Nakapaloob ito sa nagsasalubong na hanging dala ng intertropical convergence zone (ITCZ).

Nakakaapekto ito mula sa Palawan, Visayas at Mindanao.

16 NOVEMBER 2021, Tuesday



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STRATEGIC COMMUNICATION AND INITIATIVES SERVICE



Bagong COVID-19 surge nakaamba

By [Danilo Garcia](#) (Pilipino Star Ngayon)

- November 15, 2021 - 12:00am



Devotees attend the first Friday of October devotional mass at the Minor Basilica of the Black Nazarene in Quiapo, Manila on Oct. 1, 2021. Under the IATF's recommendation, religious events are allowed up to 20% of the venue capacity.

The STAR / Miguel de Guzman

Mga bagong kaso tumataas na sa Europa

MANILA, Philippines — Nagbabala kahapon si Aksyon Demokratiko vice presidential bet Dr. Willie Ong na maaaring magkaroon muli ng panibagong surge ng COVID-19 posible sa darating na dalawang buwan habang nag-uumpisa na ito sa Europa.

Sinabi ni Ong, isang cardiologist at internist, na tumaas na ng 10% ang namamatay ngayon sa Europa dulot ng COVID-19 at tumaas din ng 50% ang kanilang mga bagong kaso.

“Sa Germany nasa fourth wave, fifth wave na sila, tumaas sila ng 40,000 cases. Napuno uli ang ICU nila, nagkulang sila sa health workers. Sa France tumataas na rin,” ayon kay Ong.

Nagbabala na umano ang World Health Organization (WHO) na papunta na ang panibagong surge sa Estados Unidos habang tinataya ng mga eksperto na maaaring dumapo ang bagong surge sa Pilipinas sa susunod na dalawang buwan.

Dahild dito, iginiit ni Ong na dapat tumutok ang pamahalaan sa lalo pang pagpapababa ng mga kaso at paghahanda sa posibleng surge kaysa sa bangayan at drama sa politika.

Posible umano ito dahil sa pagluluwag na sa restriksyon ng pamahalaan at isa pang dahilan ay hindi pa rin nababakunahan ang malaking bilang ng populasyon ng bansa.

Nangangamba rin siya dahil sa pagsusulputan ng mga bagong variant ng COVID-19 at pag-aalisan muli ng mga medical workers patungo sa ibang bansa na pinayagan ng gobyerno.

Source: <https://www.philstar.com/pilipino-star-ngayon/bansa/2021/11/15/2141306/bagong-covid-19-surge-nakaamba/amp/>



COVID-19 SA EUROPA, US PWEDENG PAPASOK SA PINAS



November 15, 2021 @ 3:39 PM 16 hours ago

PALIIT nang paliit ang bilang ng mga nagkakasakit sa coronavirus disease-19 sa Pinas.

Pero sa Europa, dinadaluhong sila ng panibagong daluyong ng nasabing pandemya.

Maging sa Amerika, problema rin nila ang hindi huhupa-hupa na COVID-19.

Kaya naman, dapat tayong magbantay at huwag magpakampante laban dito.

Isipin na lang natin ang mga ito: May sarili na tayong impeksyong lokal ng lahat ng virus ng COVID-19 at libo-libo pa ang tinatamaan.

Paano na lang kung buksan natin ang bansa sa mga turistang dayuhan na tiyak na mayroon sa kanila ang nagdadala ng iba't ibang virus?

SA AMERIKA

Sa ngayon, sa nasa 350 milyong mamamayan ng Amerika o United States, may 107 milyong hindi bakunado at sila umano ngayon ang pinagmumulan ng karamihan sa mga naoospital at namamatay.

Hanggang ngayon, hindi makaalis-alis ang US sa rekord na 1,000-2,000 patay araw-araw dahil sa mga ito.

Kung iisipin, parehong carrier o nagdadala ng sakit ang mga bakunado at hindi bakunado pero higit na naoospital at namamatay ang mga hindi bakunado.

Paano kung bubuksan natin ang ating bansa sa mga ito at mamasyal sila kahit saan sa Pinas?

O tayo naman ang pupunta sa US at makaraan nito, balik-Pinas tayo.



COVID-19 SA EUROPA, US PWEDENG PAPASOK SA PINAS

SA EUROPA, KASAMA ANG RUSSIA

Sentro ngayon ang buong Europa ng COVID-19,

Ang Russia ang may pinakamalaking bilang ng namamatay na mahigit 1,000 araw-araw.

Ayon sa World Health Organization, mahigit kalahati ng namamatay sa COVID-19 sa buong mundo ang nagmumula sa Europa ngayon.

May namamatay araw-araw ngayon na halos 10,000 sa buong mundo mula sa nasa 500,000 na nagkakasakit.

Paano kung buksan natin ang bansa sa turismo sa mga bansang Europeo o kaya't magturista tayo sa kanila at makaraan nito, balik-bansa tayo?

MGA LEKSYON

Nagsisilabasan ang mga leksyon sa Amerika at Europa.

Sa Amerika, gustong-gusto ni President Joe Biden na mabakunahan ang lahat pero napupulitika ito.

Halos lahat ng kakampi ni ex-Pres. Donald Trump ay ayaw sumunod sa sapilitang pagbabakuna na iminando ni Biden, halimbawa, sa lahat ng 75,000 health worker na hindi pa bakunado, kasama ang nasa 10 milyong iba pa.

Sinampahan si Biden ng kasong pagmamalabis umano sa kapangyarihan dahil trabaho umano ng mga gobernador ang programang pagbabakuna ngunit dapat boluntaryo lahat.

Pati sapilitang pagsusuot ng face mask sa mga eskwela, pinag-aawayan din at kontrabida ang mga kakampi ni Trump.

Pero isa nang huwes ang kumontra sa mga anti-mask at pinaburan ang lahat ng mga eskwela sa kagustuhan ng mga ito na pagsuutin lahat ng mga mag-aaral bilang mabisang proteksyon laban sa pandemya.

Sa ngayon, nauuwi sa pilosopohan ang kung sino ang nagdadala ng virus sa isa't isa: ang mga bakunado o hindi bakunado umano.

Pero malinaw sa lahat ang katotohanang kung nagka-COVID ang 'di bakunado, higit itong maospital at mamamatay kaysa bakunado.

SA EUROPA

Nagkakagulo sila sa Europa ngayong muling umaatake ang pandemya sa kanila.

Una, damay-damay ang mga pamilya sa sakit dahil halos walang labasan sa bahay dahil taglamig o winter hanggang Pebrero.

Ikalawa, dahil sa napakaaga nilang pagbabakuna, dumating na ang panahon na lumilipas ang bisa ng bakuna sa mga may lagpas sa anim na buwan.



COVID-19 SA EUROPA, US PWEDENG PAPASOK SA PINAS

Ikatlo, sinasabing nasa 60-80 porsyento ang bakunado sa 450 milyon nilang mamamayan kaya milyones ang hindi bakunado sa kanila at tagahawa ng sakit.

Ikaapat, may mga bansa na sa mga ito ang gustong magpairal na ng pambansang lockdown gaya ng Austria at lugar-lugar na lockdown sa Germany.

Ikalima, muling pinaiiral ang sapilitang pagsusuot ng face mask at malawakang paggamit ng COVID pass at kung wala ka nito, hindi ka pupwedeng pumasok sa mga restoran, hotel, bar, sports events, sumakay ng tren at eroplano at iba pa.

SA PINAS?

Sinasabing lumiliit ang bilang ng mga naiimpeksyon.

Pero mahalagang pansinin ang pagkakaroon ng patay na mas marami kumpara sa Malaysia at Thailand at isa itong mahalagang sukatan kung nagtatagumpay tayo o hindi.

Kaya tingnan ang pangamba ng pamahalaan na dahil sa pagluluwag nito sa lahat ng mamamayan na lumabas ng bahay, maaaring muling sisipa ang COVID-19 sa buong bansa.

Paano nga kung mangyari ito at siyempre pa, darami rin ang maoospital at mamamatay?

Ang masasabi natin sa ngayon, huwag magpakampante kundi laging mapagbantay at sumunod sa mga health protocol sa face mask, social distancing at iba pa.

Isa pang mahalaga: Magkakaroon ng pambansang pagbabakuna sa Nobyembre 29 hanggang Disyembre 1, 2021 at dapat samantalain ng lahat.



#OneDENR

**Covid-19
Situation and Response**

**Office of the President
of the Philippines
Malacañang**

MEMORANDUM FROM THE EXECUTIVE SECRETARY

FOR : THE CHAIRPERSON AND MEMBERS
Inter-Agency Task Force for the Management of Emerging
Infectious Diseases (IATF)

SUBJECT : PROTOCOLS ON THE USE OF FACE SHIELDS

DATE : NOV 15 2021

Please be informed that the President has **approved** the recommendation of the IATF in its Resolution No. 148-D (s. 2021) issued on 11 November 2021. As such, the following protocols on the use of face shields shall be implemented effective immediately:

1. For areas under Alert Level 5 and granular lockdowns, the use of face shields in community settings shall be mandatory;
2. For areas under Alert Level 4, local government units (LGUs) and private establishments are given discretion to mandate the use of face shields; and
3. For areas under Alert Levels 3, 2 and 1, the use of face shields shall be voluntary.

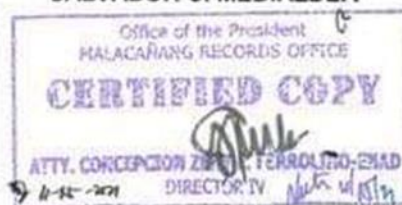
Prior to the full nationwide implementation of the Alert Level System pursuant to Executive Order No. 151 (s. 2021), LGUs shall have the discretion to mandate the use of face shields in areas covered by the Omnibus Guidelines on the Implementation of Community Quarantine in the Philippines, as amended, except in areas under Enhanced Community Quarantine and those under granular lockdown where it shall remain mandatory.

The above protocols are without prejudice to the continuing mandatory use of face shields in medical and quarantine facility settings, and the required use thereof by healthcare workers in healthcare settings.

For compliance.

By authority of the President:

SALVADOR C. MEDIALDEA





DOH COVID-19 CASE BULLETIN # 611

NOBYEMBRE 15, 2021

Para sa kumpletong detalye at impormasyon, bisitahin lamang ang aming pampublikong site: <https://ncovtracker.doh.gov.ph/>

PORSYENTO NG AKTIBONG KASO

1.0%

TOTAL NG AKTIBONG KASO
27,025

PORSYENTO NG GUMALING

97.4%

TOTAL NG GUMALING
2,745,777

PORSYENTO NG NAMATAY

1.62%

TOTAL NG NAMATAY
45,709

MGA BAGONG KASO **1,547**

MGA BAGONG GUMALING **2,601**

MGA BAGONG NAMATAY **128**

KABUANG BILANG NG KASO **2,818,511**

MGA NAGPOSITIBO HULING NOBYEMBRE 13

DATOS NGAYONG NOBYEMBRE 15
AYON SA REPORTS NOONG NOBYEMBRE 13

4.1%

PORSYENTO NG MGA
NAGPOSITIBO

39,147

BILANG NG
TINEST

HALOS

66.9%

ANG MILD AT
ASYMPTOMATIC
NA KASO!

BAWAL
WALANG MASK
AT FACE SHIELD

KABUANG PILIPINAS

PUNO NA BA ANG ATING MGA OSPITAL?

ICU BEDS (3.8K TOTAL BEDS)
35% Utilized

ISOLATION BEDS (20.6K TOTAL BEDS)
28% Utilized

WARD BEDS (13.6K TOTAL BEDS)
21% Utilized

VENTILATORS (3.2K TOTAL VENTILATORS)
22% Utilized

NATIONAL CAPITAL REGION

PUNO NA BA ANG ATING MGA OSPITAL?

ICU BEDS (1.3K TOTAL BEDS)
30% Utilized

ISOLATION BEDS (4.8K TOTAL BEDS)
26% Utilized

WARD BEDS (4.0K TOTAL BEDS)
24% Utilized

VENTILATORS (1.0K TOTAL VENTILATORS)
23% Utilized

KALAGAYAN NG MGA AKTIBONG KASO

Mild 61.0%

5.9% Asymptomatic

4.6% Critical

10.8% Severe

17.59% Moderate



UPDATE AND MESSAGE OF THE DAY

Ang patuloy na pagbaba ng bilang ng mga nahahawaan ng COVID-19 ay hindi nangangahulugang ligtas na tayo mula sa sakit at tayo ay maaari nang maging kampante. Ipagpatuloy natin ang pagsunod sa **Minimum Public Health Standards** at makiisa sa pambansang pagbabakuna upang maiwasan natin ang biglaang pagtaas muli ng kaso ng COVID-19. Kasabay nito ang ating pagiging alisto sa mga sintomas. Sa oras na makaramdam ay agad makipag-ugnayan sa **BHERTS** o sa **One COVID Referral Center** na maabot sa **1555, (02)886-505-00, 0915-777-7777, o sa 0919-977-3333, para sa karampatang gabay.**

Para sa iba pang pangangailangang medikal, puntahan ang <http://bit.ly/DOHTelemedicine> upang malaman kung papaano maabot ang serbisyo ng ating **Telemedicine Service Providers**, at ang <http://bit.ly/DOHHospitalHotlines> para maabot ang ating mga ospital sa lalong mabilis na panahon.



Ihahanap ka namin ng lugar para mag-isolate o magpagamot, tumawag lang sa sumusunod:

SMART: 0919 977 3333
GLOBE: 0915 777 7777
TEL NO: (02) 886 505 00



May tanong ukol sa COVID-19?
I-chat na si KIRA!

VIBER: Kira Kontra COVID by DOH
MESSENGER: Department of Health PH
KONTRACOVID PH: kontracovid.ph



Manatiling ligtas!
I-download ang StaySafe App
O Gamiting ang WEBAPP
at pumunta sa Staysafe.ph

MAYROON PANG KATANUNGAN? SUMANGGUNI LAMANG SA SUMUSUNOD:

f OfficialDOHgov

@DOHgovph

globe doh.gov.ph

📞 (02) 894-COVID / 1555

16 NOVEMBER 2021, Tuesday



DENR

NEWS

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VLOGS

STRATEGIC COMMUNICATION AND INITIATIVES SERVICE




Please click this link:

Source: <https://youtu.be/vfocIxlOiiI>

#paglubog #araw #manilabay
ANG PAGLUBOG NANG ARAW SA MANILA BAY
43 views • Premiered 10 hours ago

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 **VANINI VLOG**
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MANILA BAYWALK DOLOMITE BEACH

MANILA BAY TODAY UPDATE | NOVEMBER 15 2021

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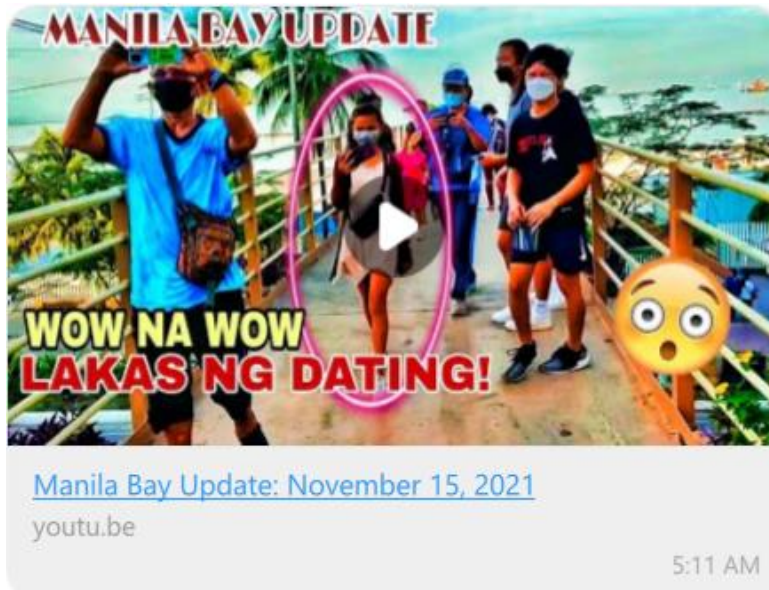
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Magandang araw mga kababayan narito muli ang aking panibagong update sa mga kaganapan dito sa manila bay, dito mga kababayan inyong makikita kung gaano mag enjoy sa paliligo ang mga kabataan pati na ang mga namamasyal..

SHOW MORE



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#manilabayupdate #battleformanilabay #dolomitebeach
Manila Bay Update: November 15, 2021

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manila bay rehabilitation project ongoing.



[Manila bay update november 15.2021](https://youtu.be/qWoCZiFh2AE)

youtu.be

5:05 AM

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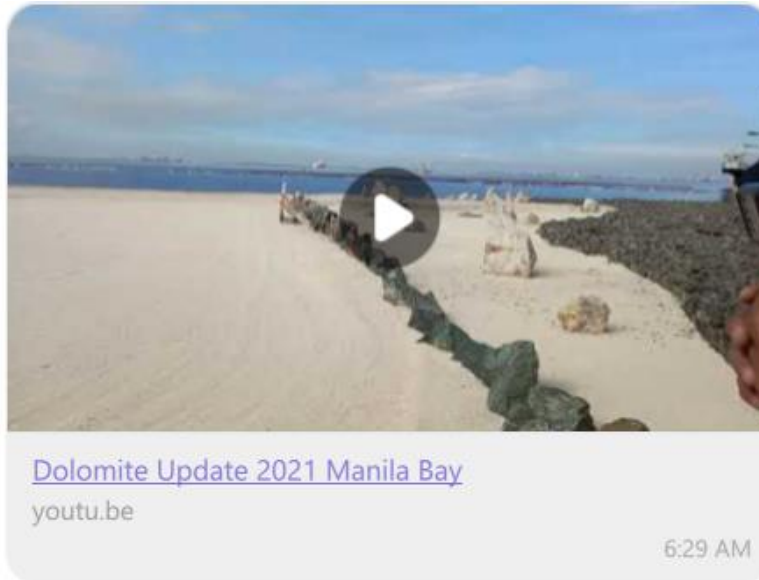


BOSS MARLON OCAMPO VLOG
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