

PANAJI FIGHTS COVID-19

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This special issue of the Newsletter series under the Waste NAMA project aims to document and highlight how the city of Panaji is fighting COVID-19.

The Project, 'Development and Management of Waste NAMA (Nationally Appropriate Mitigation Action (NAMA))' has been commissioned by the Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety (BMU) with the Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India as its lead executing agency. It is implemented by Deutsche Gesellschaft für International Zusammenarbeit (GIZ) GmbH India along with the Energy and Resources Institute (TERI) as its technical partner.

In Goa, this project is being implemented in association with the Corporation of the City of Panaji (CCP), and it fundamentally endeavours to build capacities among citizens and demonstrate low carbon waste management practices, for replication in India.

As part of technical advisory support under the project, a document titled '**Guidance for handling waste during COVID-19 Outbreak**' summarizing guidance from Central Pollution Control Board (CPCB) and advisory from Ministry of Housing and Urban affairs (MoHUA) has been prepared. This document highlights the 'Do's and Don'ts of Waste Management' for the various groups of stakeholders in the waste management chain.

Guidance for handling waste during COVID-19 Outbreak

Issued In Public Interest by
Corporation of the City of Panaji

Do's and Don'ts of Waste Management for General Public

- | Do's | Don'ts |
|--|---|
| <ul style="list-style-type: none">Segregate waste into organic, inorganic, recyclable and household hazardous waste.Hold your general waste and inerts for a duration of 2-3 days separately in closed lid bins to let the virus die. Post 2-3 days this can be given with general waste to waste collector.Keep your biomedical waste (BMW) separately in yellow colored bags (for biomedical waste collection) provided by City corporation of Panaji (CCP). Make sure it does not leak and is kept in separate bins out of reach of other members of the family and pets.Call CCP solid waste management (SWM) cell and identify nearest Common Bio-medical Waste Treatment Facility (CBWTF) operator to collect BMW as and when it gets generated.Hand over the yellow bags containing BMW to authorized waste collectors at doorsteps engaged by local bodies if the system to handle domestic hazardous waste exists.In case you have any difficulty in getting services, contact CCP SWM Cell officials. | <ul style="list-style-type: none">Don't dispose Mixed Solid Waste.Don't dispose your waste the very same day you generated it. It can spread the infection to waste collectors.Don't throw your household hazardous waste in any garbage bag. Only use yellow colored bags.Don't dispose your waste in nearby locality/in water body/open plots.Don't panic, contact CCP SWM cell for assistance. |

About this guidance:

This summary of guidance from Ministry of Health and Family Welfare (MoHFW), World Health Organization (WHO) and Central Pollution Control Board (CPCB) & WHO has been prepared as a part of technical advisory support for the city of Panaji under the project-Development and Management of Nationally Appropriate Mitigation Actions (NAMAs) in India. This project is commissioned by Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety (BMU) with Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India as lead executing agency. The project is implemented by Deutsche Gesellschaft für International Zusammenarbeit (GIZ) GmbH India with The Energy and Resources Institute (TERI) as technical partner. The stakeholders are requested to refer to detailed guidelines by respective agencies for details

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Ministry of Housing and Urban Affairs
Government of India

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On behalf of:

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

of the Federal Republic of Germany



CCP LEADS THE FIGHT AGAINST COVID-19

The management of COVID-19 with the help of various technological tools and other digital and online platforms has been an absolute success for the state so far. The effectiveness of this strategy is aptly referred to as the 'GOA model - Grievances, Operations, Awareness' – and is expected to serve as an example for other states.

COVID-19 Circulars and Orders on the dedicated state COVID-19 webpage @ <https://www.goa.gov.in/covid-19/> comprising online travel pass application, vehicle management system, food and grocery delivery application/dedicated food help lines, social media handles, etc. are examples of a few digital tools and technologies that have been employed for successfully enforcing lockdown as well as address the delivery of essential commodities during the COVID-19 crisis. The Government also undertook a community health door to door survey in the entire State so as to ascertain symptoms of ILI (Influenza like Illness) in a bid to contain community transmission.

CCP also used different tools and strategies in its fight against COVID-19 and the sections below highlight its efforts in fighting the pandemic upfront.



Free home delivery of all essential food items during the lockdown

During the 21-day lockdown period, all commercial establishments including grocery shops were shutdown in Goa. CCP promptly launched an online grocery delivery service on 24 March 2020 wherein free home delivery of all essential grocery items was provided to all residents within CCP jurisdiction.

A helpline number 08047191000 was launched by the Mayor Shri Uday Madkaikar. For the delivery service, preferences were given to senior citizens, disabled persons and those who were home bound.

The Mayor and the CCP Commissioner Shri Sanjit Rodrigues played an active role in setting up and streamlining this free home delivery grocery service.

This was operationalized with the help of CCP's staff and volunteers who first took down the order details telephonically/whatsapp, and then accordingly dispatched them through to the consignee's address as mentioned in the order.

The Mayor of CCP arranged for the bulk procurement of essential grocery supplies, which was then repacked into smaller quantity (by weight) packs for individual home consumption.



Dissemination of information on COVID-19 along with the Urban Health Center – Panaji

In order to increase awareness among the residents of Panaji and the general public, CCP assisted the Urban Health Center of Panaji by using the network of the CCP Waste Management Cell staff in putting up posters and distributing leaflets in all the residential colonies and prominent public places in all the thirty wards of CCP.



Implementation of Government of Goa's 'Community Health Survey'

The staff of CCP played an active role in the community health survey conducted by the Government of Goa from April 10 to April 12, 2020 as part of the efforts to combat the novel corona virus outbreak. The objective of the survey was to map the participant's travel history and check whether the individual has symptoms similar to the ones exhibited by the Corona virus.

Orientation and Awareness sessions for CCP's sanitation workers

Since sanitation workers are in the frontline of the fight against Covid -19, it was imperative to ensure their health and safety. CCP in collaboration with the Mineral Foundation of Goa conducted interactive sessions on safe working practices and proper use of Personal Protective Equipment (PPE) for the workers of the Waste Management Cell of CCP.



It was emphasized to the workers of the Waste Cell that gloves, safety goggles and masks should be used at all times to protect themselves from infection. In particular, the proper way of hand washing with soap technique, to ensure proper sanitation was demonstrated to all the workers. The symptoms of COVID -19 were explained and emphasis was made that in case any of them developed these symptoms they were to immediately inform their supervisor.

A total of 10 sessions were conducted across the city and a total of 174 staff attended the sessions. In particular, stress was given to the proper procedure and safety procedures to be followed for the collection of waste from quarantined homes. Some of the safety procedures to be strictly adhered to are: that workers need to wear gloves, masks and safety goggles, and they need not go door to door for collection. Instead, when they reach a particular building they need to blow a whistle, wherein all the waste is brought down, and then collected separately by the CCP worker. Hence there is no physical contact between the building worker and the CCP worker.

Collection of waste from COVID -19 quarantined homes

Waste from quarantined homes is being collected by CCP Waste Management Cell workers in sealed designated Bio – Medical Waste Disposal Bags (yellow in colour)



using proper Personal Protective Equipment (PPE). Before collection, the supervisor would call and fix a time for the sealed yellow bag to be kept outside the main house door. Only then the worker would go with complete PPE gear including the full protective suit. Before picking up the yellow bag, it would be sprayed with sanitizer, and only then picked up, and then sent to Goa Medical College (GMC) for incineration. All PPE used was also given to GMC for incineration.

PANAJI BECOMES A PART OF THE GLOBAL NETWORK

CCP has also signed a Lol with CCAC (The Climate and Clean Air Coalition) and will be a member of global network of cities in the near future. CCAC is a voluntary partnership of governments, intergovernmental organizations, businesses, scientific institutions and civil society organizations committed to improving air quality and protecting the climate through actions to reduce short-lived climate pollutants. The global network currently includes over 120 state and non-state partners, and hundreds of local actors carrying out activities across economic sectors.

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