



Press Release

## Green Port initiatives of Cochin Port reviewed by Hon'ble Union Minister

Cochin Port Trust has taken up a slew of green initiatives under Maritime Vision 2030 that includes aiming for 100% solar electricity powered cranes in future, shore based power supply to all ships/vessels at all the berths in Willingdon Island, Vallarpadam ICTT, COT, NTB, STB & LNG terminal and utilise available vacant land/waterfront area for solar power generation under PPP or other suitable mechanism.

In a meeting held on 29<sup>th</sup> January 2022, Shri Sarbananda Sonowal, Hon'ble Union Minister for Ports, Shipping and Waterways reviewed the progress on various green port initiatives being implemented in Major Ports as per Maritime India Vision 2030 for the development of Green Ports and Green Shipping in India. The green port initiatives taken by Cochin Port were also reviewed during the meeting. The meeting was attended by Dr. M. Beena IAS, Chairperson, Cochin Port Trust.

In the first phase, shore based power supply will be provided to Cruise ships visiting Cochin Port. This initiative is being taken up as per the directive of Hon'ble Union Minister of Port, Shipping & Waterways, Shri Sarbananda Sonowal.

Among the future initiatives, Cochin Port Trust propose to install additional roof top solar power plants of 350kW capacity in next two years and installation of grid connected floating solar panel under RESCO model. Cochin Port is also encouraging consumers for installing solar power plants at their premises. Port users have already installed solar power plant of 190kW capacity. Cochin Port Trust has generated 3.27lakhs units electricity in the year 2020 resulting in a saving of Rs.22.50 lakhs. The Port has already installed smart electrical meter and smart street lighting resulting in reduction of electricity consumption.

Green Port initiatives already taken up by Cochin Port include, Bio gas plant using food waste and other biodegradable waste 75 to 90 Kg of Food Waste that can generate 3 to 4 Kg gas per day/plant and a Septage Treatment Plant within the Port area having a capacity of 100 cu.m/day

Cochin Port has already installed mechanized cargo handling infrastructure for hazardous cargo like cement, chemicals, fertilizer etc.

The Port has finalized a strategy and road map for recycling/gainful utilization of dredged materials. The segregation of dredged sand from silt and clay is being done without additional cost and Cochin Port has sold dredged sand to the tune of 2.20 lakhs cubic meters and earned more than Rs.12 Crores during the period from April to Dec. 2021.

The Port is utilize the dismantled materials for land filling and land development purposes after necessary processing of the dismantled materials and also encourages planting of trees within the Port area. In fact, total plantation area of Cochin Port is much more than the mandated percentage of the area of the total Port land.

Monitoring of Air Quality, Noise Levels, Water Quality - Ground and Surface, Marine/Estuarine Water quality, Sediment Quality etc are also being carried out round the year.

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