



**United Nations
Environment Assembly of the
United Nations Environment Programme**

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United Nations Environment Programme
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Sustainable Management of Plastic Waste including Micro and Nano-Plastics through Innovative Solutions.

The United Nations Environment Assembly,

Recalling its resolutions 1/6, entitled “Marine plastic debris and microplastics,” and 2/11, entitled “Marine plastic litter and microplastics,” on measures to reduce marine plastic litter and microplastics,

Recognizing that 350 million metric tons of plastics are produced every year, and is expected to increase this amount by three-fold, by the year 2050. According to the estimates out of this production only 09% of plastics is recycled and 12% is incinerated. Where 08% is dumped in to the sea.

Recognizing that 10% of the waste generated in the world are plastics, and 500 billion plastic/polythene bags are used within a year around the world. Every minute 01 million of plastic bottles are purchased by people and around 100,000 marine animals are killed every year due to plastic pollution. 50 %of the plastics produced are single use plastics, where they are used only once. (disposable items)

Largest garbage patch located between Hawaii and California, has an estimated quantity of 80,000 tons of plastics in it. (mainly fishing gear)

Reaffirming sustainable development goal 14, Life below water, which seeks, by 2025, to “prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution”,

Recognizing that around 100,000 marine animals are killed every year due to plastic pollution. 50 %of the plastics produced are single use plastics, where they are used only once. (disposable items)

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Reaffirming General Assembly resolution 70/1 of 25 September 2015, by which the General Assembly adopted the 2030 Agenda for Sustainable Development, and recalling

Sustainable Goal 12 Environmentally sound management of chemicals and all wastes throughout their life cycle

Reaffirming UNEA 2 Resolution 2/7 on Sound Management of Chemicals and Waste

Recalling interrelations with SDG 14, Life below water, **Goal 3, Good Health and Well-being, Goal 06, Clean water and sanitation, SDG Goals 11, Sustainable Cities and Communities** Goal 13, Climate Action, SDG Goal 17, Partnerships for the Goal

Appreciating the UNEA 4 focuses on Innovative Solutions for Environmental Challenges on Sustainable Consumption and Production.

Deeply concerned that around 90% of drinking bottled water and 83% of pipe born water, contains micro plastics world over confirming the gravity of the issue. Micro plastics are present in indoor and outdoor air and in food items.

Also concerned that it is estimated that the land pollution and its impact on living beings due to plastics could be more compared to pollution of the sea.

Recommends the importance that all member countries avoid hap hazard disposal of plastic waste in to the environment.

Recommends that all member states improve or share laboratory facilities for testing of micro plastics for monitoring purposes.

Recommends to prevent use of “single use plastic” to cut down the amount of plastic waste around 40% - 50%,

Encourages all member states to use only recyclable plastics establishing adequate and accessible recyclable waste collecting infrastructure.

Stresses the importance of developing environmentally friendly packaging methodologies to minimize usage of plastic packaging.

Recommends to manage of micro plastics in waste water treatment plants, and encourage producers to use alternatives for micro beads.

Recommends to strengthen monitoring activities to avoid disposal of waste in to sea through fisheries and other sectors.

Encourages counties to adopt “Zero Waste Concept” to minimize waste generation and develop adequate infrastructure and other facilities for waste management.

Invites member states to implement and support Extended Producer/Trader Responsibility schemes, container deposit schemes and other initiatives to inculcate responsibility in producers and traders

Encourages member states to discourage use of semi -bio degradable plastics to minimize plastic pollution.

Encourages member states to standardize food grade plastics, to avoid toxins getting in to food.

Encourages member states to strengthen legislation to *avoid burning* of plastics in open places, to avoid air pollution and support the plastic recycling industry.
