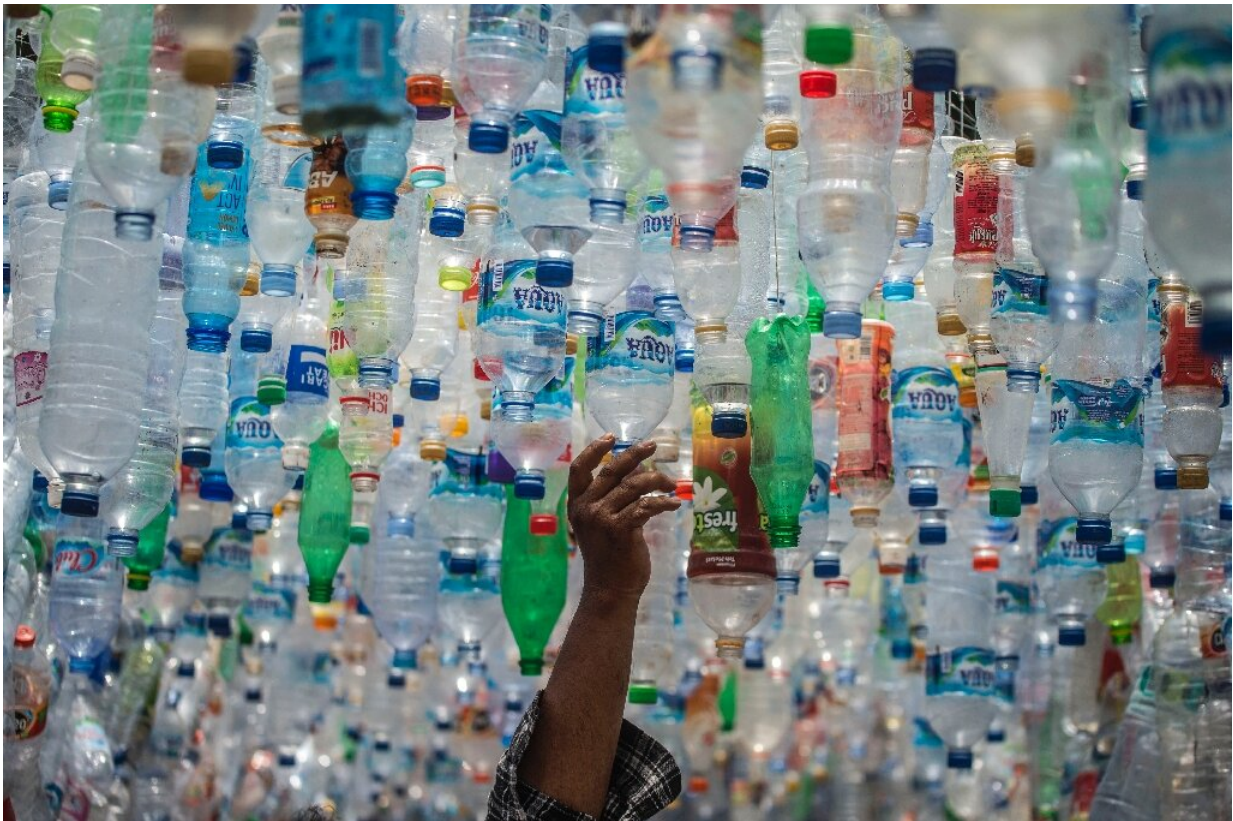


Only nine percent of plastic recycled worldwide: OECD

February 22 2022



Plastics contributed 3.4 percent of global greenhouse emissions in 2019, the report said.

Less than 10 percent of the plastic used across the world is recycled, the OECD said Tuesday, calling for "coordinated and global solutions"

ahead of expected talks on an international plastics treaty.

A new [report](#) by the Organisation for Economic Co-operation and Development report found that 460 million tonnes of plastics were used in 2019, the number nearly doubling since 2000.

The amount of plastic waste had more than doubled during that time to 353 million tonnes, the Paris-based OECD said.

"After taking into account losses during recycling, only nine percent of plastic waste was ultimately recycled, while 19 percent was incinerated and almost 50 percent went to sanitary landfills," it said in its Global Plastics Outlook.

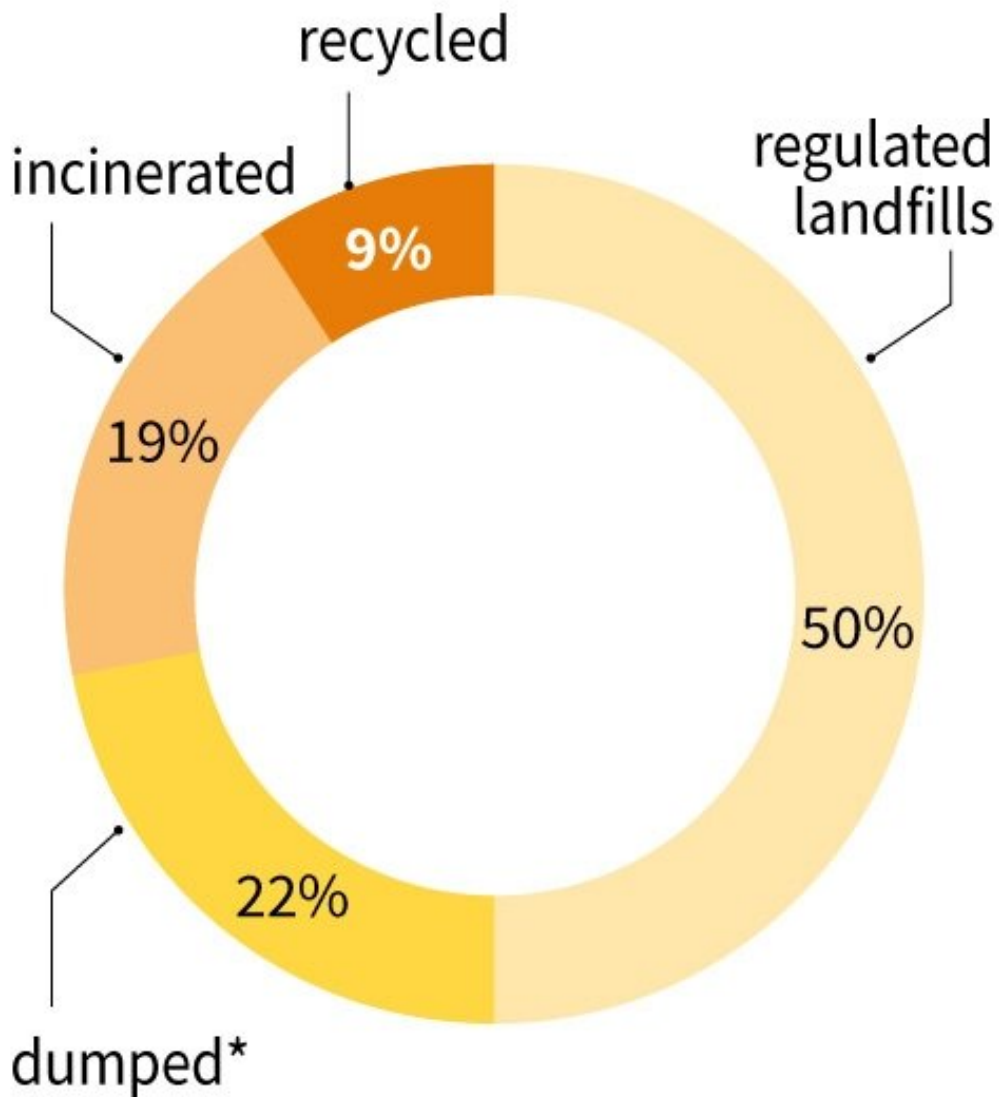
"The remaining 22 percent was disposed of in uncontrolled dumpsites, burned in open pits or leaked into the environment."

The Covid-19 pandemic saw the use of plastics drop by 2.2 percent in 2020 compared to the previous year. However single-use plastics rose and overall use is "projected to pick up again" as the economy rebounds.

Plastics contributed 3.4 percent of global greenhouse emissions in 2019, 90 percent of it from "production and conversion from fossil fuels", the report said.

Plastic waste

353 million tonnes
produced in 2019



*in unregulated landfills, burned in open pits or leaked into the environment

Source: OECD



Graphic showing what proportion of plastic waste is recycled, incinerated, landfilled or dumped into the environment.

In the face of rampant global warming and pollution, it is "crucial that countries respond to the challenge with coordinated and global solutions", OECD Secretary-General Mathias Cormann said in the report.

The OECD proposed a series of "levers" to address the issue, including developing the market for recycled plastics, which only represent six percent of the total—largely because they are more expensive.

It added that new technologies related to decreasing the environmental footprint of plastic represented only 1.2 percent of all innovation concerning the product.

While calling for "a more circular plastics lifecycle", the OECD said that policies must also restrain overall consumption.

It also called for "major investments in basic waste management infrastructure", including 25 billion euros (\$28 billion) a year to go towards efforts in low and [middle-income countries](#).



Plastics contributed 3.4 percent of global greenhouse emissions in 2019.

Plastic treaty talks

The report comes less than a week before the UN Environment Assembly begins on February 28 in Nairobi, where formal talks are expected to begin on a future international plastics treaty, the scope of which will be discussed.

Shardul Agrawala, the head of the OECD's environment and economy integration division, said Tuesday's report "further accentuates the need for countries to come together to start looking towards a global agreement to address this very important problem".

Asked about the priorities of the treaty to be discussed in Nairobi, she said that "there is an urgent waste management problem which is responsible for the bulk of the leakage to the environment".

"But we should not limit our focus just to the end of pipe solutions, there is a greater need in the long term to forge international cooperation and agreement towards alignment of standards," she told an online press briefing Monday.

In a survey published Tuesday by polling firm Ipsos for the World Wildlife Fund, 88 percent of respondents stressed the importance of an international treaty to combat [plastic](#) pollution.

In the 28 countries surveyed, 23 percent of the respondents said such a [treaty](#) was "fairly important", 31 percent said it was "very important" and 34 percent found it "essential".

© 2022 AFP

Citation: Only nine percent of plastic recycled worldwide: OECD (2022, February 22) retrieved 3 May 2024 from <https://phys.org/news/2022-02-percent-plastic-recycled-worldwide-oecd.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--