

# **COMEAP Statement on airborne nano- and microplastic particles and fibres, and associated Synthesis and Integration of Epidemiological and Toxicological Evidence (SETE) assessment**

## **For Information: COMEAP Statement on airborne nano- and microplastic particles and fibres, and associated Synthesis and Integration of Epidemiological and Toxicological Evidence (SETE) assessment**

1. The COT has considered microplastics on a number of occasions and has published the following documents:
  - a. [Overarching statement on the potential risks from exposure to microplastics](#) (2021)
  - b. [Sub-statement on the potential risk\(s\) from exposure to microplastics: Oral route](#) (2021)
  - c. [Sub-statement on the potential risk\(s\) from exposure to microplastics: Inhalation route](#) (2024)
2. In October 2025, the Committee on the Medical Effects of Air Pollutants (COMEAP) published its [statement on airborne nano- and microplastic particles and fibres](#). This statement is attached in Annex 1.

3. As part of this consideration by COMEAP, the Committee adapted the approach proposed by the Joint COT and COC [Synthesis and Integration of Epidemiological and Toxicological Evidence \(SETE\)](#) subgroup, to evaluate the potential risks from nano- and microplastics in air at levels of environmental exposure. COT members will be interested to see use of the SETE approach by another group.

**Secretariat**

**November 2025**

## **TOX/2025/49 Annex 1**

### **COMEAP statement and SETE assessments for nano- and microplastic air pollutants, and traffic related air pollution**

These papers are attached for Members. They are not reproduced here for copyright reasons, they can be obtained from the COMEAP website: [COMEAP: Statement on airborne nano- and microplastic particles and fibres - GOV.UK](#)

**Secretariat**

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