



EARSC Statement

Revision of EU Ambient Air quality legislation

The European Association of Remote Sensing Companies (EARSC) is a trade association based in Bruxelles, representing the European downstream services sector. EARSC counts more than 120 members across 25 countries of Europe.

EARSC welcomes the revision of the EU Ambient Air quality legislation as part of the European Green Deal and fully supports the efforts to reach zero pollution for air, water and soil.

In the context of the zero pollution vision for 2050, the use of digital solutions is becoming increasingly important to meet the European Union's climate targets. Earth observation information, such as data coming from the European flagship programme Copernicus, is key for atmospheric and climate monitoring.

Remote sensing technologies have the advantage of large spatial coverage and can provide a continuous and global view of the Earth parameters. By combining satellite data with models of the atmosphere and measurements from ground-based instruments, it is possible to have a wide range of applications and services in air quality: earth's atmospheric composition, forecast of aerosols, estimation of emissions, prediction of pollution events... Thanks to its accuracy and scope, satellite information is a crucial tool to measure, monitor and make predictions of air pollution and air quality, in line with the WHO recommendations.

Consequently, EARSC believes that the Ambient Air Quality legislation should specify that Earth Observation data and added-value services are operational solutions, which shall be used for the monitoring of air quality standards. EARSC remains at your disposal to work together on this objective.