

INDOOR AIR QUALITY AND HEALTH

Name of activity	Call: Indoor air quality and health
Reference framework	Horizon Europe
Lead DG/Organisation	DG for Research and Innovation
Link(s) to website(s)	Link
Programme Period	To be launched in 2022; call closed 21/09/2021
Contact	Not yet available

Objectives

This topic aims at supporting activities that are enabling or contributing to the following

- Public authorities, consumer protection entities and patient associations have access to FAIR data on air pollutants, including both chemical and microbiological determinants, and their main sources for relevant and representative indoor environments and settings in Europe;
- Society has access to user-friendly solutions to monitor indoor air quality, a knowledge base of risk factors associated to human health impacts related to the main indoor air determinants and guidelines for interventions to improve air quality;
- Policy-makers are provided with proposals for revised indoor air quality standards for the main determinants identified to support regulatory measures and improve regulatory monitoring;
- The Zero-Pollution Action Plan of the European Green Deal is supported by science-based evidence.

Scope: Air quality is primarily monitored in outdoor locations, often for regulatory targets compliance purposes. However, people spend the majority of their lives in indoor environments: e. g. at home, in the workplace, in schools and inside transport vehicles. Whereas improving outdoor air quality leads to general improvements of indoor air quality as well, certain sources of air pollution not covered by ambient air quality standards can dominate in some indoor environments. In the current pandemic situation, the issue of good indoor air quality has become even more prominent, encompassing issues such as the need of good ventilation of indoor spaces. In addition to identifying determinants for indoor air quality, it is important to assess their health impacts in the levels reached indoors to facilitate setting of purposeful indoor air quality standards.

Keywords	Air quality, Risk, Zero-Pollution Action Plan
RoC Challenge(s)	Challenge 1.2, Challenge 2.2, Challenge 3.2
Participants	Not yet determined
Further info	Link
Reference funding	Horizon Europe, Direct Management