



ExpoHealthNet

A collaborative cluster of seven projects focused on the role of environmental pollution in non-communicable diseases: air, noise, light and hazardous waste pollution



expohealthnet.eu



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About the Cluster

ExpoHealthNet unites seven cutting-edge research projects with a shared mission: addressing the growing challenges posed by environmental pollution and climate change on human health.

Through collaboration, the cluster aims to drive impactful research, maximise synergies, accelerate innovation and inform both policy and science on the critical links between environment and health.

Expected outputs include:



Policy
Briefings



Novel
Tools



Training
Materials



Data
Workshops



Best-practice
Guidelines

The cluster will also play a key role in ensuring that environmental health data can be integrated, analysed and leveraged for maximum scientific and societal impact.



27
Countries



60
Months



107
Institutions



56.7M
Joint budget

The Cluster Projects

Project	Environmental Factors	Population	Diseases in Focus	Website
	Climate change, air pollution	All	Respiratory health	climair-project.eu
	Air, noise, light, temperature, greenness (NDVI)	All	Cardiovascular, respiratory, auto-immune, cancer, metabolic, oftalmological, neurological & psychiatric	enact-he.eu
	Air (ultrafine particles, black carbon, areoallergens, dust), noise & light pollution, chemicals resulting from industrial & hazardous waste contamination	Children & adults aged 2 to 80	Cardiovascular, respiratory, metabolic, developmental, & neurodegenerative, neuro- & immunotoxicity, sleep & mental health disorders	envesome.eu
	Chemical pollutants, such as persistent organic pollutants, electronic waste & pharmaceutical residues	Adults	Brain health, dementia & Alzheimer's disease	exposignalz.com
	Air pollution, chemicals, noise & aeroallergens like fungi & bacteria from various types of waste	Pregnant women, children, adults, workers	Immune health & immune-mediated diseases	exposim.eu
	Traffic noise, air pollution (particles & ultrafine particles)	All	Diseases of the brain, lung & cardiovascular system	markopoloy.eu
	Ultrafine particles (UFPs) & micro-nanoplastics (MNPs) from traffic, industry & plastic waste	Pregnant women	Pre-term birth & other health complications	uprise-horizon.eu



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