

HORIZON-HLTH-2024-ENVHLTH-02-06  
ExpoHealthNet cluster



## Cluster Brochure

Version [1]

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## Revision history

Author(s)	Description	Date
Claire Webster (ExpoSignalz)	Draft deliverable	17.10.2025
Claire Webster (ExpoSignalz)	Revision 1 – incorporating suggested edits from WG3 members	03.11.2025
Claire Webster (ExpoSignalz)	Revision 2 – slight update to EXPOSIM information	10.11.2025
Claire Webster (ExpoSignalz)	Revision 3 – incorporating feedback from the Project Officer	26.11.2025
Claire Webster (ExpoSignalz)	Revision 4 – additional information from Envesome and suggested edits to the report from the Coordinating Team.	10.12.2025
Claire Webster (ExpoSignalz)	Final version	11.12.2025

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## Projects

Project name	Partner name
ExpoSignalz	Beta Technology Ltd

## Abbreviations

Abbreviation	Term
D	Deliverable
WG	Working Group

## 1 Introduction

The Cluster Brochure includes a summary of the ExpoHealthNet Cluster, its purpose and expected outcomes, as well as an overview of each project within the Cluster, with links to their respective websites.

## 2 Objectives

The aim of creating the brochure is to provide all partners with material to support communication and dissemination activity, when networking at events, or emailing potential stakeholders, or when asked for information about the cluster. It offers a basic introduction to the cluster and can act as a useful tool for the projects.

The brochure is written in simple language and can be shared with all types of stakeholders, including academia, policymakers, industry and civil society.

## 3 Methodology

An outline structure of the brochure was prepared by ExpoSignalz and presented in a Communication and Dissemination Working Group (WG3) meeting in October 2025.

ExpoSignalz then prepared a draft brochure and incorporated two rounds of feedback from WG3 during November 2025.

A version was shared with the Project Officer and Project Coordinators to incorporate a final round of feedback in November 2025.

The final version of the brochure was completed on 26<sup>th</sup> November 2025.

## 4 Outcome

The brochure is available in two formats:

- An online version (PDF), which is featured on the [Cluster website](#).
- A printable version, which is accessed by partners via the ExpoHealthNet SharePoint.

Brochure Screenshots can be found in the Annexe.

## 5 Conclusion

The brochure will be promoted on the Cluster LinkedIn channel in January 2025 and used throughout the project as an introductory tool. A link to the brochure will also be included in the first stakeholder newsletter in June 2026.

## 6 Annexe

The following pages include screenshots of the Cluster Brochure.



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



### 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.



[expohealthnet.eu](http://expohealthnet.eu)



ExpoHealthNet



**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	<a href="http://climair-project.eu">climair-project.eu</a>
	Air, noise, light, temperature, greenness (NDVI)	All	Cardiovascular, respiratory, auto-immune, cancer, metabolic, oftalmological, neurological & psychiatric	<a href="http://enact-he.eu">enact-he.eu</a>
	Air (ultrafine particles, black carbon, aeroallergens, 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	<a href="http://envesome.eu">envesome.eu</a>
	Chemical pollutants, such as persistent organic pollutants, electronic waste & pharmaceutical residues	Adults	Brain health, dementia & Alzheimer's disease	<a href="http://exposignalz.com">exposignalz.com</a>
	Air pollution, chemicals, noise & aeroallergens like fungi & bacteria from various types of waste	Pregnant women, children, adults, workers	Immune health & immune-mediated diseases	<a href="http://exposim.eu">exposim.eu</a>
	Traffic noise, air pollution (particles & ultrafine particles)	All	Diseases of the brain, lung & cardiovascular system	<a href="http://markersofpollution-markopolo.eu">markersofpollution-markopolo.eu</a>
	Ultrafine particles (UFPs) & micro-nanoplastics (MNPs) from traffic, industry & plastic waste	Pregnant women	Pre-term birth & other health complications	<a href="http://uprise-horizon.eu">uprise-horizon.eu</a>



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