

HERA

**Integrating Environment and Health Research:
a Vision for the EU**

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3 years, starting January 2019

HERA Partners

Part.	Participant organisation name	Short name
1	Institut National de la Santé et de la Recherche Médicale	INSERM
2	ISG Global Health Institute of Barcelona	ISGlobal
3	Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail	ANSES
4	Inserm Transfert	IT
5	Karolinska Institutet	KI
6	Finnish Environment Institute	SYKE
7	German Research Centre for Environmental Health	HMGU
8	Aristotle University of Thessaloniki	AUTH
9	The London School of Hygiene & Tropical Medicine	LSHTM
10	Masaryk University	MU
11	World Health Organisation	WHO
12	IRAS Utrecht University	UU
13	University of Vienna	MUW
14	Jožef Stefan Institute	JSI
15	National Institute for Public Health and the Environment	RIVM
16	Dublin Institute of Technology	ESHI
17	Centre national de la recherche scientifique	CNRS
18	Institut national de la recherche agronomique	INRA
19	Bureau for Chemical Substances	BCS
20	Flemish Institute for Technological Research	VITO
21	University of Aveiro	UAVR
22	Health and Environment Alliance	HEAL
23	Institut national de recherche en sciences et technologies pour l'environnement et l'agriculture	IRSTEA

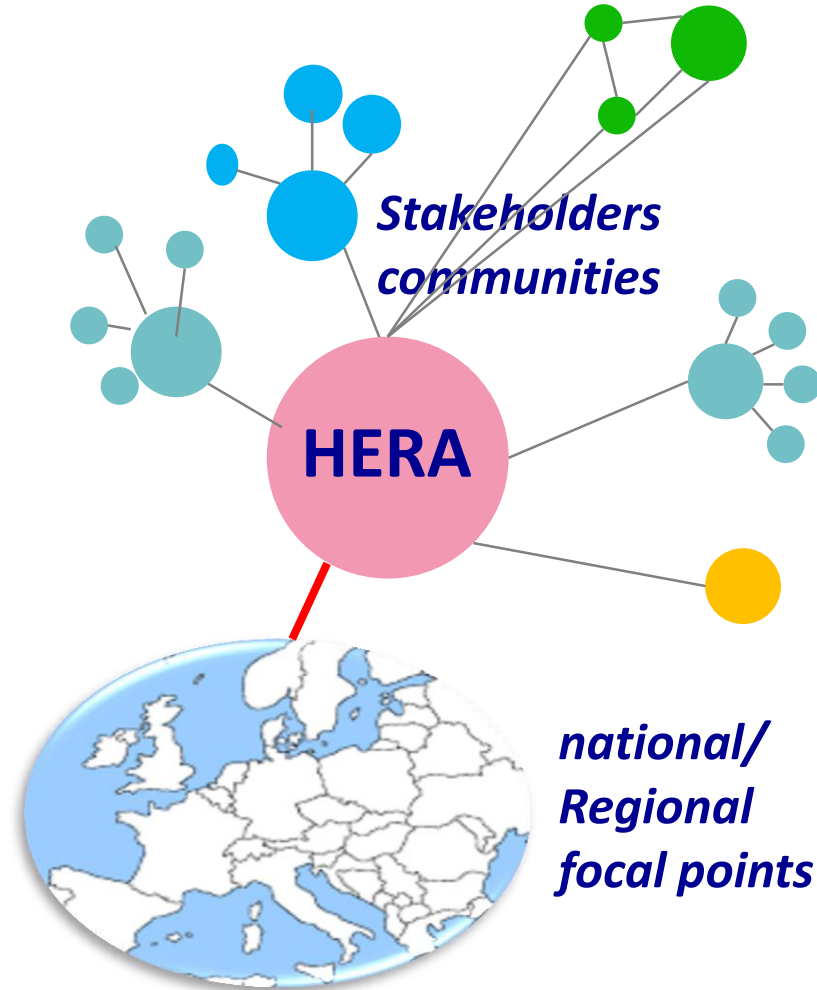


HERA aims

- 1) to proactively **identify key sectors and policy areas in the field of environment and health** that will benefit from additional scientific evidence in the next decade
- 2) to propose strategies and tools to respond to the new and continuing challenges in environment and health nexus, by ensuring the **engagement of stakeholders, increasing coordination and cross-fertilisation of ideas**, and contributing to the European environment and health process and policy activities
- 3) *to develop a European medium-term research and innovation agenda covering key strategic research and policy aspects*



HERA as a core group for stakeholders engagement



Horizon Europe: Missions

high-ambition, high-profile initiatives with the aim to deliver a transformative impact for society, the economy, and/or environment, in relation to the challenges faced by European citizens

- adaptation to climate change including societal transformation
- cancer
- healthy oceans, seas, coastal and inland waters
- climate-neutral and smart cities
- soil health and food



The HERA workpackages

WP 1 Management and coordination

WP 2 Integrating Knowledge, Stakeholder Engagement and Development of the Environmental Health Agenda

WP 3 Identification and prioritization of key topics in the environment, climate and health nexus requiring scientific support

WP 4 Identifying the research gaps and needs in the area of environment and health

WP 5 Research needs for studies of health impact, societal and economic impacts of environmental factors and climate change

WP 6 Communication, Dissemination and Knowledge Exchange

HERA Challenges

- ✓ **Addressing research and policies** through the development of a stakeholders community at different levels (regional, national, supranational)
- ✓ **Addressing complexity and long term goals** in complex issues such as climate change, urban planning and ecosystem threats related to human health.
- ✓ **Coordinating work of diverse communities** in health and environment

The biggest challenge: HERA timeschedule

- It was initially 3 years
- It still is 3 years but we have to deliver a complete interim report in one year

Areas/Exposures covered in HERA at different levels of complexity

- 1) Environmental exposures and human health
- 2) Problem/sector based approaches to environment and human health
- 3) Holistic approaches to environment and human health

Areas/Exposures covered in HERA at different levels of complexity

1) Environmental exposures and human health

Urban environment (air pollution, noise, green spaces), Biological agents, Chemicals, Water, Radiations, Plastics

2) Problem/sector based approaches to environment and human health

Climate change, Urbanization, Biodiversity loss, Transport, Sustainable food, Energy transition, Waste, circular economy, Industrial, occupational changes

3) Holistic approaches to environment and human health

Ecosystems; Socioeconomic factors, justice; Environmental change; One Health; Planetary Health; Ethics and philosophy

Questionnaire requesting priorities/ gaps - scientists

Expecting aprox 300 responses

Questionnaire not long but requires preparation

Discuss how could we get more exposure scientists to participate

The questionnaire can be accessed:

<https://hera.iras.uu.nl/index.php/157439?newtest=Y&lang=en>

Need a token to enter: sent by HERA organisers

Deadline for submitting questionnaire 20th of July

Contact: franziska.matthies@helmholtz-muenchen.de or a.huss@uu.nl.

HERA: Criteria for evaluating research

Novelty: Will research in a specific area produce new knowledge?

Importance to People: Will the life and well-being of many populations be positively affected? How important are future risks?

Importance to the environment on a planetary scale: Is the research important regarding climate change and effects on the environment globally?

Impact on Policy: Will research in a specific area produce knowledge that meaningfully informs health policies and prevention and community participation?

Innovation and Sustainable Development: Will research produce new technologies, innovation and promote SDGs?

(modified from Kogevinas, Environ Epi 2017)

HERA next steps

July 20, close date for receipt of questionnaires

August 24, Utrecht, Meeting for analysis of responses and first discussion on priorities

October first draft of interim report for internal discussion

November – December: internal HERA discussion and discussion with selected stakeholders

January 2020: publication of interim report

Thank you



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Una iniciativa de:

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