



HEALS

Health and Environment-wide Associations
based on Large population Surveys

FP7-ENV-2013- 603946

<http://www.heals-eu.eu/>

D19.2: HEALS conference “linking Exposome to Human Health”

WP 19 Dissemination of results and knowledge transfer

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Author (Partners)	Joaquim Rovira (URV)			
Responsible Author	Name		Email	
	Partner	Name	Phone	

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1 HEALS conference “linking Exposome to Human Health”

The HEALS project (<http://www.heals-eu.eu/>) finished last June 2019. HEALS has aimed to develop a new approach, using the concept of exposome, to assess external environmental exposures of individuals during lifetime and to link the collected exposures to biochemical and molecular changes in the body (through “omics”) in order to explain the development of common non communicable health outcomes, namely asthma and allergies, metabolic diseases, neurodevelopmental troubles. In view of public health, the aim of the HEALS project was to explain how the external environmental risk factors influence the risk of the development and the aggravation so to, in the case of avoidable exposures, to promote prevention actions. All the work within the HEALS project has brought to an impressive data collection and we are in the final stages of analysis and preparation of publications. HEALS has been an exciting and highly successful project which not only has allowed to better understand asthma and allergies, metabolic diseases, neurodevelopmental troubles but has also broadened the comprehension of the exposome as an approach to investigate a wide range of exposure-disease associations across the life course.

Final conference of HEALS was focus on linking the external and internal exposome to human health based on large population surveys. It was held in Paris at June 20th of 2019. It was a very fruitful and interesting meeting open to an international scientific audience in that this was an open meeting. It was an international scientific event to facilitate access to international audiences beyond the project participants.

Every stream presented main outcomes and results of their work in the framework of HEALS project. A poster session with main HEALS outcomes was celebrated.


1.1 .Agenda

Agenda of the meeting is available in HEALS web page from the following link: <http://www.heals-eu.eu/wp-content/uploads/2019/06/HEALS-Final-Meeting-agenda.pdf>

1.2 .Conference video

Meeting was filmed and each stream leader was interviewed separately according to a format of 180 seconds interview. They explain and highlight the main outcomes and key issues of HEALS Project.

Video link is: https://drive.google.com/file/d/1rSxgEoF7W5Ap74w_slfryV132waUaB2_/view

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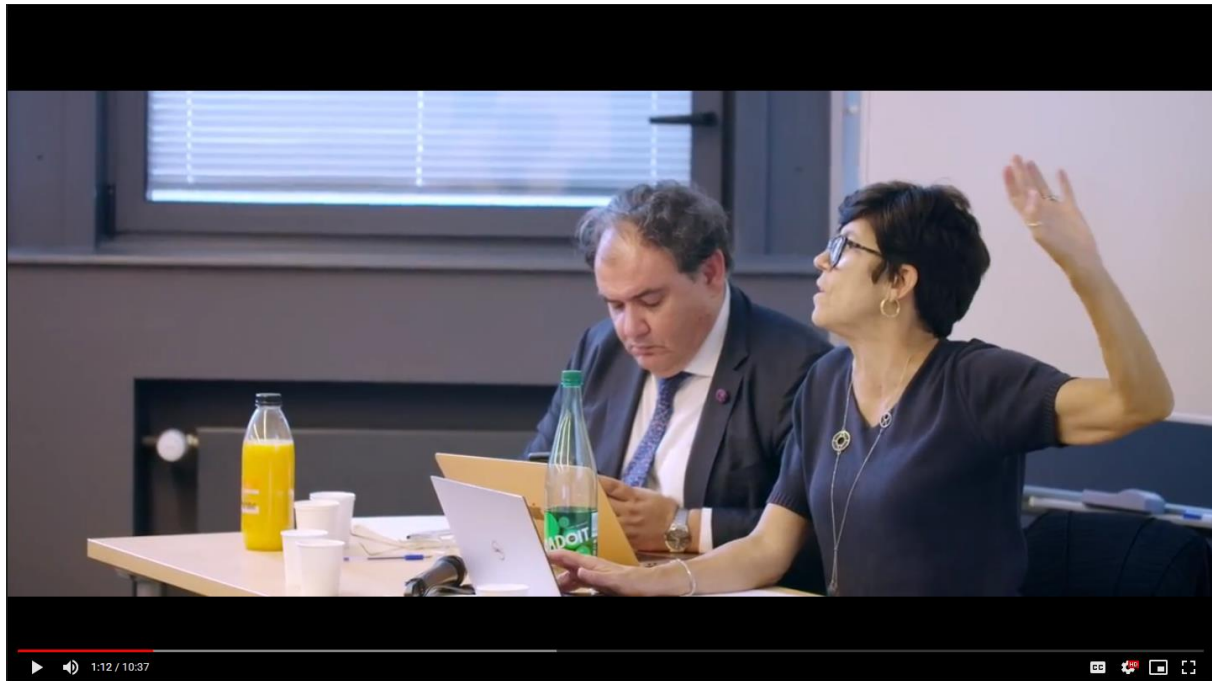



Figure 1: A frame of a HEALS final meeting video (HEALS coordinators)



Figure 2: A frame of a HEALS final meeting video (meeting participants in a discussion).

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2 HEALS meeting in Brussels

HEALS final meeting will be followed in the fall by a HEALS meeting in Brussels that will include stakeholders and researchers from HEALS and from other closely related projects on the exposome funded by the EC, as well as other invited participants from related research and policy areas. The aim of the Brussels meeting will be to continue the discussion on priorities for future research on the exposome, as well as the broader impact of research in this area on the development of regulations and policy.