**HBM4EU**

**Project ID:** 733032
**Funded under:** H2020-EU.3.1.2. - Preventing disease

**European Human Biomonitoring Initiative**

**From** 2017-01-01 to 2021-12-31, ongoing project | [HBM4EU Website](#)

### Project details

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<th>Total cost:</th>
<th>Topic(s):</th>
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<td>EUR 74 169 889,74</td>
<td>SC1-PM-05-2016 - The European Human Biomonitoring Initiative</td>
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<th>EU contribution:</th>
<th>Call for proposal:</th>
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<td>Germany</td>
<td>COFUND-EJP - COFUND (European Joint Programme)</td>
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### Objective

The overarching goal of the European Human Biomonitoring Initiative (HBM4EU) is to generate knowledge to inform the safe management of chemicals and so protect human health. We will use human biomonitoring to understand human exposure to chemicals and resulting health impacts and will communicate with policy makers to ensure that our results are exploited in the design of new chemicals policies and the evaluation of existing measures.

**Key objectives include:**

- Harmonizing procedures for human biomonitoring across 26 countries, to provide policy makers with comparable data on human internal exposure to chemicals and mixtures of chemicals at EU level;
- Linking data on internal exposure to chemicals to aggregate external exposure and identifying exposure pathways and upstream sources. Information on exposure pathways is critical to the design of targeted policy measures to reduce exposure;
- Generating scientific evidence on the causal links between human exposure to chemicals and negative health outcomes; and
- Adapting chemical risk assessment methodologies to use human biomonitoring data and account for the contribution of multiple external exposure pathways to the total chemical body burden.

We will achieve these objectives by harmonizing human biomonitoring initiatives in 26 countries, drawing on existing expertise and building new capacities. By establishing National Hubs in each country to coordinate activities, we will create a robust Human Biomonitoring Platform at European level.

This initiative contributes directly to the improvement of health and well-being for all age groups, by investigating how exposure to chemicals affects the health of different groups, such as children, pregnant women, foetuses and workers. We will also investigate how factor such as behavior, lifestyle and socio-economic status influence internal exposure to chemicals across the EU population. This knowledge will support policy action to reduce chemical exposure and protect health.

### Related information

**Report Summaries**

Periodic Reporting for period 1 - HBM4EU (European Human Biomonitoring Initiative)
Coordinator

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Woerlitzer Platz 1
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EU contribution: EUR 10,632
704.46

Activity type: Research Organisations
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212.17

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EU contribution: EUR 0

Activity type: Research Organisations
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EU contribution: EUR 4,525
900.59

Activity type: Research Organisations
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EU contribution: EUR 405 069,52

Activity type: Higher or Secondary Education Establishments
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EU contribution: EUR 1 864 456,54

Activity type: Higher or Secondary Education Establishments
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EU contribution: EUR 1 289 859,34

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
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EU contribution: EUR 1 301 133,70

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Activity type: Research Organisations
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EU contribution: EUR 683 419,77

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EU contribution: EUR 5 807 866,79

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EU contribution: EUR 267 213,33

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EU contribution: EUR 160 460,62
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**Activity type:** Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

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**Activity type:** Higher or Secondary Education Establishments

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EU contribution: EUR 46 011,20

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EU contribution: EUR 121 095,47

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EU contribution: EUR 3 862 579,40

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EU contribution: EUR 703,529.01

Activity type: Research Organisations
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EU contribution: EUR 133,214.82

Activity type: Higher or Secondary Education Establishments
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EU contribution: EUR 1,703,344.01

Activity type: Research Organisations
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EU contribution: EUR 108,742.06

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Last updated on 2017-08-17
Retrieved on 2019-07-20

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