






EUROPEAN HUMAN BIOMONITORING INITIATIVE (HBM4EU) INDICATOR LEAFLETS

SCIENCE - POLICY INTERACTIONS

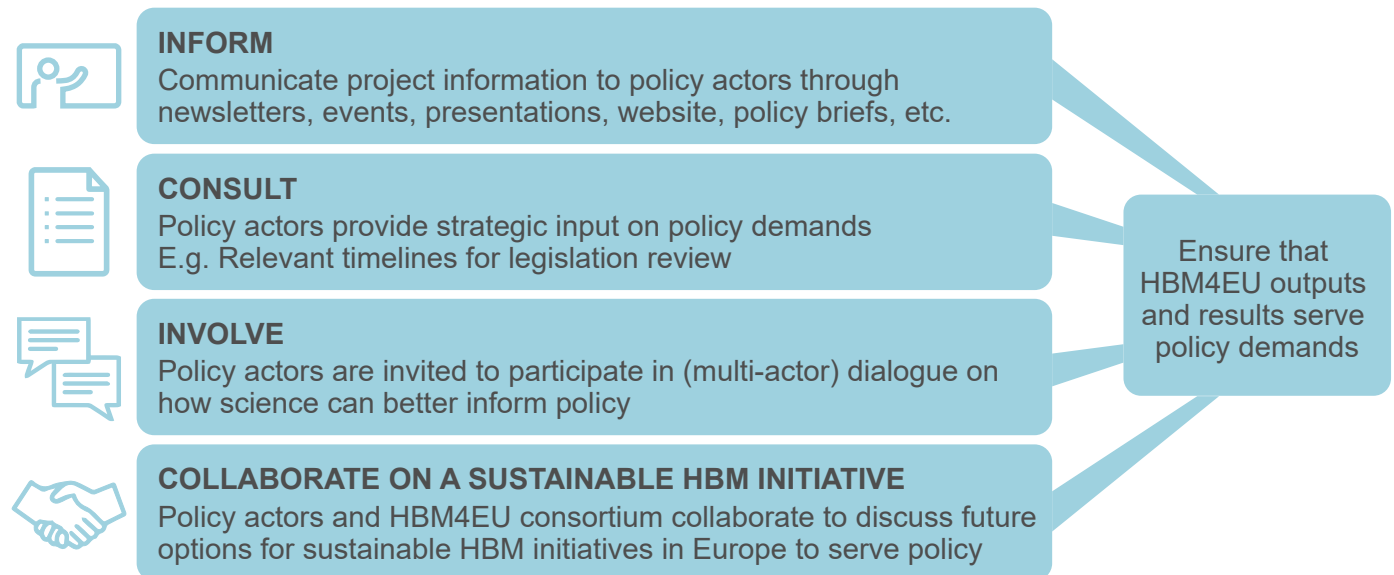
Indicator 11.2 Number of science-policy interactions

-  **SPECIFIC GOAL 11:** Engaging with stakeholders, including the general public, throughout the programme to ensure the credibility, accountability and legitimacy of activities and results
-  **RESPONSIBLE:** Flemish Institute for Technological Research (VITO), Belgium
-  **WORK PACKAGE:** 5 (VITO)

KEY MESSAGES

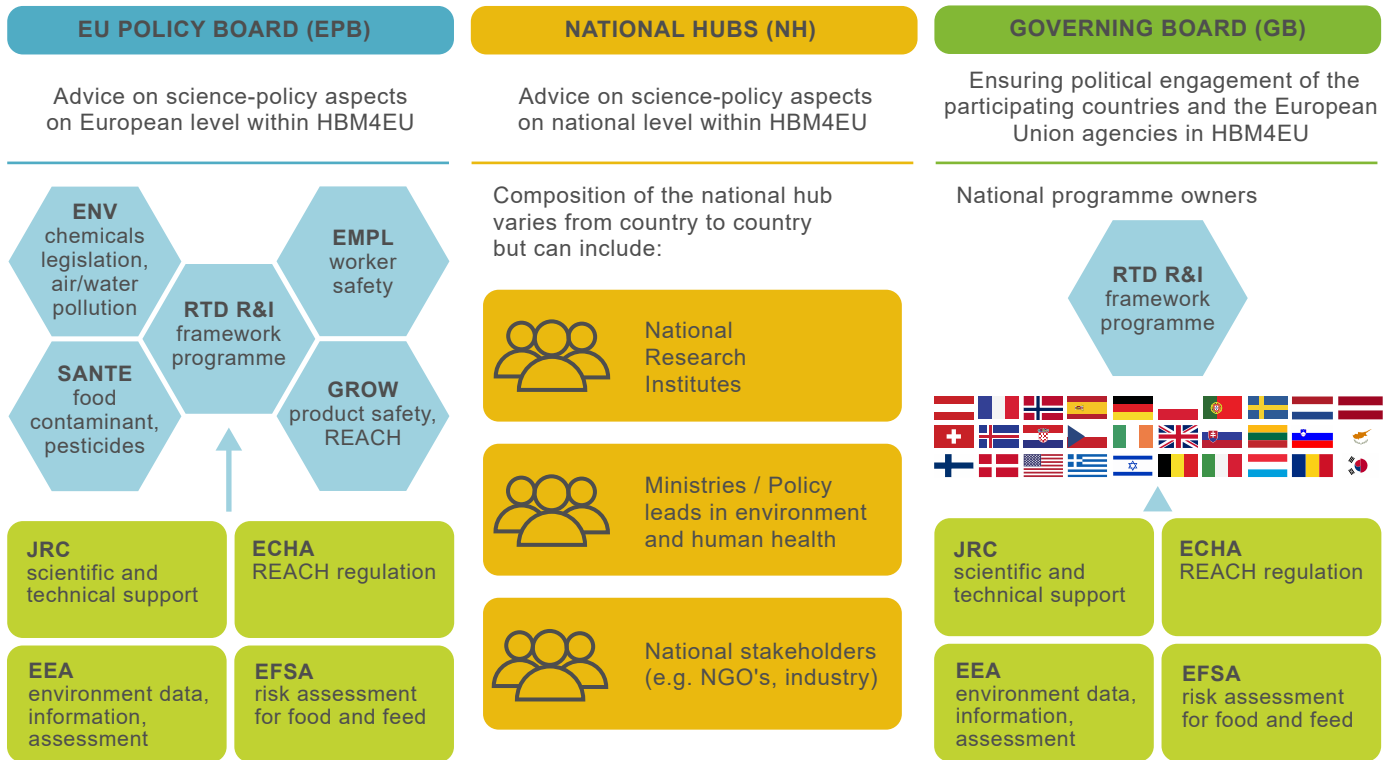
- European and national policy actors are systematically involved in all stages of the HBM4EU project through consultations of the EU Policy Board, National Hubs and the Governing Board.
- High % of attendance of programme owners and EU agencies at Governing Board (GB) meetings enables widespread support for GB decisions.
- The HBM4EU ambassador promotes the impact of the HBM4EU initiative from 2019 onwards.
- 3 participatory case studies on HBM4EU results and their policy relevance were organised (on bisphenols and phthalates) on PFAS and on HBM4EU Aligned Studies, involving a wide variety of perspectives, including experts, risk assessors, policy makers and stakeholders (NGO's and industry).
- HBM4EU provided input in 17 policy and regulatory processes (e.g. consultations of EFSA, ECHA, SCHEER, strategic documents in the frame of the European Green Deal).

WHY





STRUCTURAL SCIENCE-POLICY INTERACTIONS

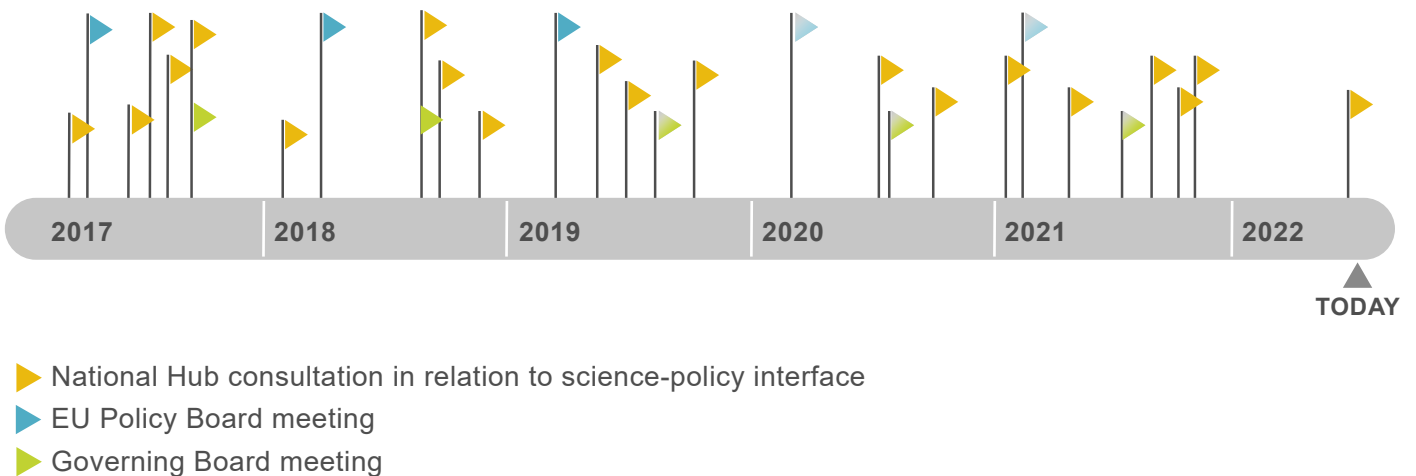


WHAT ARE THE INTERACTION TOPICS?

EU policy Board, National Hubs and Governing board are involved in different stages of the project:

- Prioritization of chemical substance (groups) & mapping of knowledge needs (WP4)
- Uptake of HBM results for policy making (WP5)
- Options for a sustainable HBM initiative in Europe (WP6)

To ensure science-policy interaction, structural science-policy consultations are embedded within the project on a regular basis:





1. EU POLICY BOARD MEETINGS



Strategic input to ensure that HBM4EU produces results that address their needs, e.g. on:

- Prioritization strategy
- Nomination of 1st and 2nd round priority substances
- Knowledge needs on priority substances
- Request for a rapid response mechanism
- Feedback on indicators of success
- ...

2. NATIONAL HUB CONSULTATIONS



WP leaders



National Hub coordinator



National Hubs

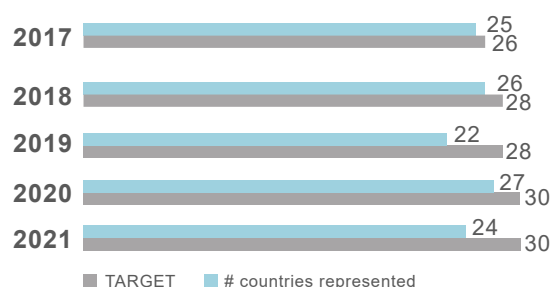


National Hub Contact Point

- Consultation on prioritization strategy and surveys to nominate substances under HBM4EU
- Surveys
- Integration of HBM into regulatory risk assessment
- Feedback by national experts on HBM4EU documents for HBM-GVs
- Consultation on foundations for a permanent Pan-European HBM Platform
- Consultation on public-private partnerships on HBM/other areas
- Joint effort of national hubs on a manuscript: "Application of human biomonitoring data to support policy development, raise awareness and environmental public health protection among countries within the HBM4EU project"

3. GOVERNING BOARD (GB) MEETING

Number of countries represented at the yearly Governing Board meeting



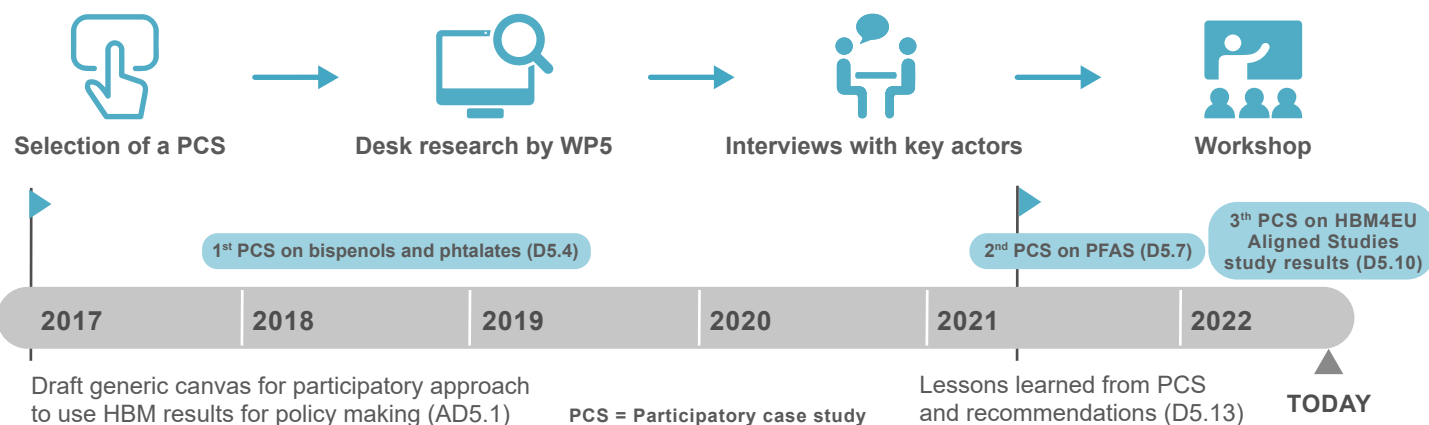
- Yearly Governing Board meetings are a success with a high attendance % from participating countries and from EU agencies (EEA, EFSA, ECHA and JRC)
- Approval of new countries joining HBM4EU (Luxemburg, Hungary, Estonia, North Macedonia)
- Approval of key aspects of HBM4EU (e.g. HBM4EU ambassador, prioritization strategy, 2nd list priority substances & chemical group leaders, annual work plans and annual summary reports)





MULTI-ACTOR DIALOGUE ON POLICY UPTAKE OF HBM4EU RESULTS

Participatory case studies (PCS) to discuss HBM4EU results and opportunities for policy uptake



KEY MESSAGES FROM THE 1ST CASE STUDY, ON PHTHALATES AND BISPHENOLS (SEE D5.4 FOR MORE DETAILS):

- i) good practices on concrete policy translation of HBM data should be actively promoted to demonstrate the added value of HBM;
- ii) HBM4EU should ensure that outputs are aligned with regulatory needs in terms of who needs (scientists, policy makers, risk assessors, stakeholders) what knowledge when;
- iii) joint reflection on research results is needed to reach robust conclusions for communication and policy making.
- A clear role should be assigned to human biomonitoring in the regulatory process, as a tool for understanding human exposure to chemicals in Europe.

VARIETY OF PERSPECTIVES INVOLVED



KEY MESSAGES FROM 2ND CASE STUDY ON PFAS (SEE D5.7 FOR MORE DETAILS):



first HBM4EU results on PFAS as well as policy opportunities where discussed in a confidential setting.

- Presentations from HBM4EU experts indicated up to date information on HBM4EU results and activities.
- Presentations from the Commission and EU member states demonstrated the relevance and use of HBM data at different policy levels and for multiple uses (e.g. European PFAS strategy, restriction intention for the PFAS group as a whole, national/regional policy action plans, PFAS hotspots,....)
- The workshop clearly demonstrated the importance of an open and in-depth science-to-policy dialogue between HBM4EU experts, risk managers and risk assessors, across various policy domains and policy levels. Several opportunities for the use of HBM4EU results were identified.

3RD CASE STUDY ON HBM4EU ALIGNED STUDIES RESULTS (D5.10).

An online HBM4EU workshop on 30-31 March 2022 aimed to appraise the presented results of the HBM4EU aligned study on their relevance for policy and society. This workshop discussed the Aligned Study results for Cadmium, Bisphenols, Phthalates and DINCH, and PFAS.

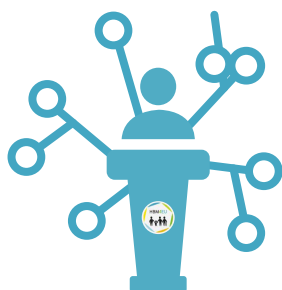
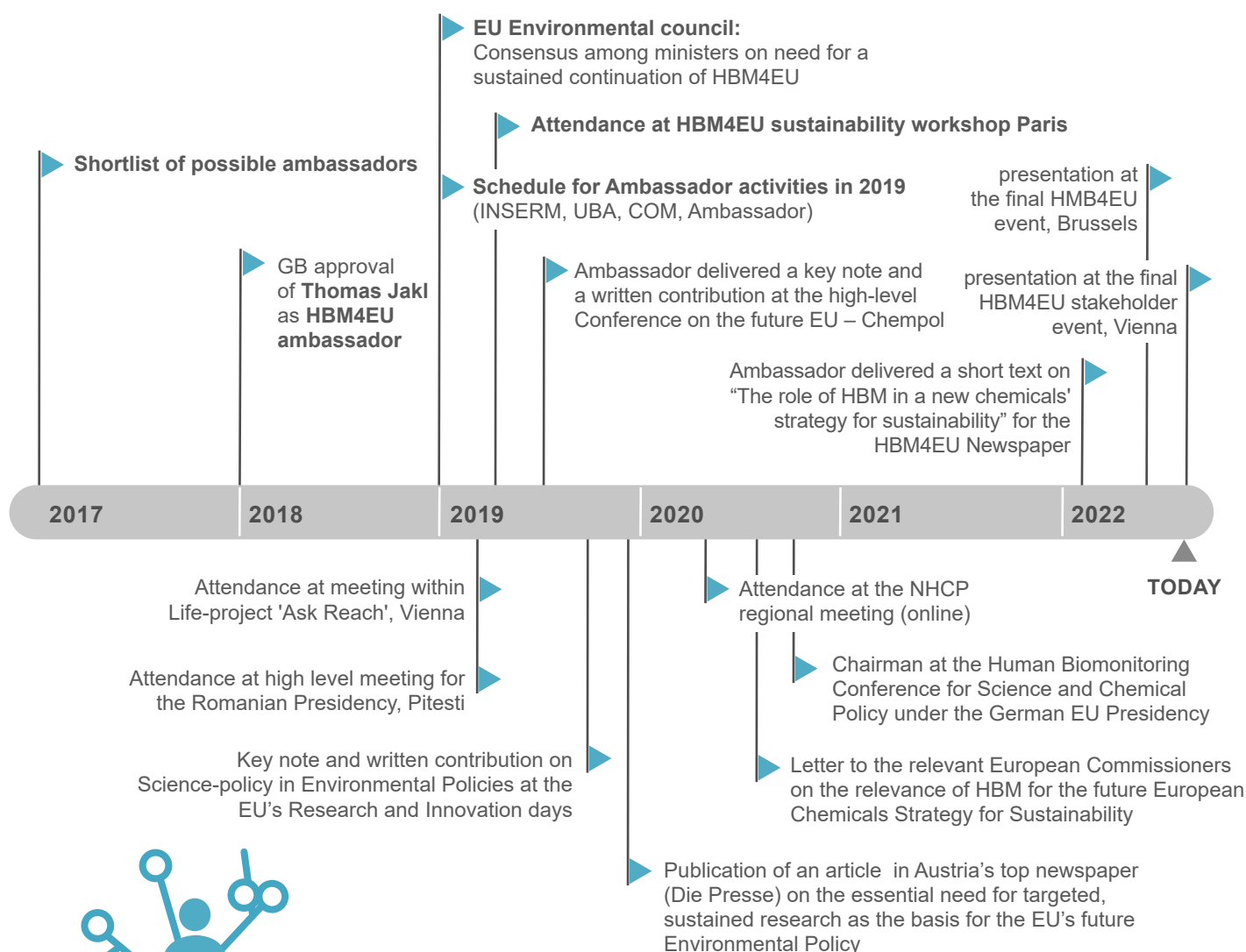


COLLABORATE ON OPTIONS FOR A SUSTAINABLE HBM INITIATIVE IN EUROPE



HBM4EU Ambassador

Promotion of the **impacts** of the **HBM4EU initiative**. Having an open **dialogue** on **future options** for sustainable HBM initiatives in Europe.



NETWORKING



[https://www.hbm4eu.eu/deliverables/ D1.2 D5.4](https://www.hbm4eu.eu/deliverables/D1.2_D5.4)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 733032.

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INPUT INTO REGULATORY AND POLICY PROCESSES

Date	Policy process	HBM4EU input
February 2022	European Food Safety Authority Contribution to the Public Consultation on the draft scientific opinion of the EFSA CEP Panel on the Re-evaluation of the risks to the public health related to the presence of bisphenol A (BPA) in foodstuffs.	HBM4EU input to EFSA on bisphenol A (BPA) in foodstuffs
November 2021	European Food Safety Authority Input to EFSA's consultation on Glyphosate renewal assessment report	2.06 Reproductive toxicity References, calculations and assumptions 2.12 Product exposure and risk assessment Details and references
December 2020	Secretariat of the UN Minamata Convention on Mercury Information on Gender and Mercury	Gender and Mercury
October 2020	European Chemicals Agency Input to ECHA's consultation on the OEL report of cadmium European Commission Public Consultation on the roadmap for the EU Action Plan Towards a Zero Pollution Ambition for air, water and soil	HBM4EU input on cadmium HBM4EU input on Zero-Pollution Action Plan roadmap
August 2020	European Commission Answer from the European Commission (Dec.2020) Open letter to the European Commission: 'Human Biomonitoring as a tool to support Europe's Chemical Strategy for Sustainability' European Commission Public consultation on the roadmap on the sustainable use of pesticides	HBM4EU input on pesticides
June 2020	European Commission Public consultation on the European Commission's roadmap for the chemicals strategy for sustainability	HBM4EU input on chemicals strategy for sustainability roadmap
May 2020	European Chemicals Agency Call for evidence on broad PFAS restriction	HBM4EU_input on PFAS
April 2020	European Food Safety Authority Contribution to the Public Consultation on the draft scientific opinion of the EFSA CONTAM Panel on the Risk to human health related to the presence of PFASs in food	HBM4EU input to EFSA on PFASs in food
March 2020	European Commission Public consultation on the European Commission's roadmap for the farm to fork strategy	HBM4EU input on farm to fork strategy roadmap
February 2020	European Food Safety Authority HBM4EU and EFSA on risk assessment, knowledge exchange and further collaboration	HBM4EU and EFSA meeting minutes
December 2019	European Chemicals Agency Public consultation on setting of occupational limit values for diisocyanates	HBM4EU input on diisocyanates
November 2019	European Food Safety Authority Public consultation on aflatoxins in food	HBM4EU input on mycotoxins
June 2019	European Chemicals Agency - Occupational exposure limites substance evaluations	Input to ECHA's consultation on the OEL report of diisocyanates
April 2019	Scientific Committee on Health, Environmental and Emerging Risks Guidelines on the benefit-risk assessment of the presence of phthalates in medical devices	HBM4EU input on phthalates in medical device
August 2018	European Chemicals Agency Public consultation on update to Annex XIV entries on four phthalates	HBM4EU input on four phthalates
February 2018	European Chemicals Agency Call for evidence on flame retardants to support a proposed restriction	HBM4EU input on flame retardants

