Personal Exposure and Health Data Platform (“PEH Data Platform”)

Data Access Request Form

Version 0.2

# *Preliminary note*

*This template serves to request access to data stored in the PEH data platform at VITO. Access to extracts of the data will be provided through this data platform after approval of the request by the DRAC and signing the Protocol by the Receiving Data Controller.*

*This template reflects the actual availability of datasets in the Platform. It will be updated regularly to reflect the availability of new datasets. Parts of this template, i.e., available datasets, available data and selection of data requested for the Research Project, may be provided in the future through web-based catalogues.*

# Request identification

*In some cases, more than one Receiving Data Controller (RDC) may be involved in the same Research Project. In that case each RDC submits a separate Request for Access, specifying the specific research questions that will be addressed by the RDC and the specific data requested.*

|  |  |
| --- | --- |
| **Date of submission:** |  |
| **Main project name:** | *(e.g., main project under which the specific Research Project may resort, e.g., acronym and full name of Horizon Europe or member state funded project, …* |
| **Research Project for which data access is requested:** | *(The title of the specific research for which the data are requested, which directly relates to the specific research questions that are addressed; this can be a work package, a task or an activity in a larger project, if specific enough, or a dedicated title; in some cases, the main project name will be specific enough)* |
| **Request number** | *(Not to be filled in by the requesting party)* |

# Background

**Provide the scientific background regarding the research hypothesis including key references (appr. 1000 characters, excluding references).**

….

# Objective

**Explain the objective of the Research Project and state the specific research question(s).**

….

# Methods

## Study design

**Describe the overall study design and target group e.g., age (children/teenagers/adults), sex,… inclusion, exclusion criteria**

…..

**Specify the dataset available in the PEH to which you request access:**

HBM4EU Aligned studies

HBM4EU MoM study

**Further specify the sub-datasets of the HBM4EU Aligned studies that are needed for this study protocol in the table below[[1]](#footnote-2):**

|  |  |  |  |
| --- | --- | --- | --- |
| **HBM4EU Aligned studies in CHILDREN (6-11 years)** | | | |
| **Study Acronym** | **Country** | **Supplying data controller** | **Link to IPCHEM metadata page** |
| OCC | DK | SDU | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/OCC> |
| NEB II | NO | NIPH | <https://ipchem.jrc.ec.europa.eu/#showmetadata/NEBII> |
| Indoor Air Quality | HU | NPHI | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/INAIRQ> |
| PCB cohort | SK | SZU | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/PCBCOHORT> |
| POLAES | PL | NIOM | [https://ipchem.jrc.ec.europa.eu/#showmetadata/POLAES](https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/POLAES) |
| SLO CRP | SL | JSI | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/SLOCRP> |
| CROME | EL | AUTH | <https://ipchem.jrc.ec.europa.eu/#showmetadata/CROME> |
| NAC II | IT | EPIUD | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/NACII> |
| ESTEBAN | FR | SPF | <https://ipchem.jrc.ec.europa.eu/#showmetadata/ESTEBAN> |
| GerES V | DE | UBA | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/GERESV> |
| 3xG | BE | VITO | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/3XG> |
| SPECIMEn-NL | NL | IRAS | <https://ipchem.jrc.ec.europa.eu/#showmetadata/SPECIMENNL> |
| RAV MABAT | IL | MOH-IL | <https://ipchem.jrc.ec.europa.eu/#showmetadata/RAVMABAT> |
| ORGANIKO | CY | MOH-CY | <https://ipchem.jrc.ec.europa.eu/#showmetadata/ORGANIKO> |

|  |  |  |  |
| --- | --- | --- | --- |
| **HBM4EU Aligned studies in TEENAGERS (12-19 years)** | | | |
| **Study Acronym** | **Country** | **Supplying data controller** | **Link to IPCHEM metadata page** |
| Riksmaten Ungdom | SE | SFA | <https://ipchem.jrc.ec.europa.eu/#showmetadata/RIKSMATENADOLESCENTS201617> |
| NEB II | NO | NIPH | <https://ipchem.jrc.ec.europa.eu/#showmetadata/NEBII> |
| (C)ELSPAC: TE | CZ | MU | <https://ipchem.jrc.ec.europa.eu/#showmetadata/CELSPACTE> |
| PCB cohort follow-up | SK | SZU | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/PCBCOHORT> |
| POLAES | PL | NIOM | [https://ipchem.jrc.ec.europa.eu/#showmetadata/POLAES](https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/POLAES) |
| SLO CRP | SL | JSI | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/SLOCRP> |
| CROME | EL | AUTH | <https://ipchem.jrc.ec.europa.eu/#showmetadata/CROME> |
| BEA | ES | ISCIII | <https://ipchem.jrc.ec.europa.eu/#showmetadata/BEA> |
| ESTEBAN | FR | SPF | <https://ipchem.jrc.ec.europa.eu/#showmetadata/ESTEBAN> |
| GerES V | DE | UBA | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/GERESV> |
| FLEHS IV | BE | FLEHS consortium | <https://ipchem.jrc.ec.europa.eu/#showmetadata/FLEHS4REFADO> |

|  |  |  |  |
| --- | --- | --- | --- |
| **HBM4EU Aligned studies in ADULTS (20-39 years)** | | | |
| **Study Acronym** | **Country** | **Supplying data controller** | **Link to IPCHEM metadata page** |
| CPHMINIPUB parents/DYMS | DK | RegionH | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/DYMS> |
| DIET\_HBM | IS | UI | <https://ipchem.jrc.ec.europa.eu/#showmetadata/DIETHBM> |
| (C)ELSPAC: YA | CZ | MU | <https://ipchem.jrc.ec.europa.eu/#showmetadata/CELSPACYA> |
| POLAES | PL | NIOM | [https://ipchem.jrc.ec.europa.eu/#showmetadata/POLAES](https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/POLAES) |
| HBM in Croatia | HR | CIPH | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/HBMSURVEYINADULTSINCROATIA> |
| INSEF-ExpoQuim | PT | INSA | <https://ipchem.jrc.ec.europa.eu/#showmetadata/INSEFEXPOQUIM> |
| HBM4EU-study Switzerland | CH | SWISS TPH | <https://ipchem.jrc.ec.europa.eu/#showmetadata/HBM4EUSTUDYINSWITZERLAND> |
| ESTEBAN | FR | SPF | <https://ipchem.jrc.ec.europa.eu/#showmetadata/ESTEBAN> |
| ESB | DE | UBA | <https://ipchem.jrc.ec.europa.eu/index.html#showmetadata/ESB> |
| Oriscav-Lux2 | LU | LNS | <https://ipchem.jrc.ec.europa.eu/#showmetadata/ORISCAVLUX2> |
| RAV MABAT | IL | MOH-IL | <https://ipchem.jrc.ec.europa.eu/#showmetadata/RAVMABAT> |

FinHealth data (<https://ipchem.jrc.ec.europa.eu/#showmetadata/FINHEALTH>) are not available via the PEH data platform.

**Further specify the sub-datasets of the MoM-study that are needed for this study protocol in the table below:**

|  |  |  |  |
| --- | --- | --- | --- |
| **HBM4EU MoM study (Methylmercury-contrOl in expectant Mothers through suitable dietary advice for pregnancy)** | | | |
|  | **Country** | **Supplying data controller** | **Link to IPCHEM metadata page** |
| HBM4EU mom-ES | ES | ISCIII | (not yet available) |
| HBM4EU mom-CY | CY | MOH-CY |
| HBM4EU mom-EL | EL | AUTH |
| HBM4EU mom-IS | IS | UI |
| HBM4EU mom-PT | PT | INSA |

## Exposure variables and accompanying variables

Describe the exposure variables (specific metabolites), accompanying variables (age, sex, SES, NUTS,…), effect biomarker/health outcome data needed to investigate the specific research questions. More information about available exposure data, effect biomarker data and health outcome information for each of the sub-datasets is available in the overview tables *(*[*https://hbm.vito.be/peh-data-platform*](https://hbm.vito.be/peh-data-platform)*)*. The full list of variables can be consulted in annex 1 of this template (“Annex\_1\_PEH\_DataAccessRequestForm\_PEHstudies\_variable\_list”), more detailed information on variable coding is available in the codebooks.

All variables needed for this research project should be described and the need for these variables justified in this section. Also, data in this section should be in agreement with the data requested in the excel file in “[Annex 1: PEH Research protocol variable list](https://www.hbm4eu.eu/mdocs-posts/annex1-research-protocol-aligned-studies-variable-list/)” of this research protocol.

**Exposure data:**

Exposure data use should be evident from the objectives of the study (section 2). If not, please add additional justification.

**Effect/health outcome data:**

Effect/health outcome data use should be evident from the objectives of the study (section 2). If not, please add additional justification.

**Accompanying data:**

Please briefly justify why each accompanying variable is needed, e.g. as potential effect-modifying factor, as confounder, as potential exposure source, etc.

## Data Analysis Plan

**Explain the statistical methods that will be used.**

*Describe the analytical models you will use, the sensitivity analysis you will perform,…*

*Specify if you will do meta- and/or pooled analysis and set out the minimal requirements of data comparability to enable these analyses.*

…..

The requesting party explicitly declares that only data are requested that are strictly necessary to carry out the Data Analysis Plan to answer the specific research questions.

# Organization, publication and time schedule

## Organization

Specify the responsible person who will coordinate the Research Project

|  |  |
| --- | --- |
| **Responsible person:** |  |
| **Name of institution:** |  |
| **E-mail:** |  |
| **Phone:** |  |

State who will do the data analyses. Only these nominated persons will be granted access to the data:

|  |  |  |
| --- | --- | --- |
| **Name:** | **Institute:** | **Email:** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## External Data Processors

Indicate in the table below if an external Data Processor[[2]](#footnote-3) will be engaged and which specific processing activities this Data Processor will carry out.

☐ yes, (data processor will be engaged)

☐ no, (no data processor will be engaged)

|  |  |
| --- | --- |
| **Data Processor** | **Data processing activities** |
|  |  |
|  |  |
|  |  |

## Publication

The procedures described in the Protocol on the management and use of the Personal Exposure and Health Data Platform shall be followed considering dissemination of results as outlined in ARTICLE 15: DISSEMINATION OF RESULTS.

**Specify which publication(s) will result from this study protocol:**

….

**List of potential co-authors and their contribution to the manuscript:**

….

## Time schedule

Clarify the working plan in a time schedule, e.g., describe the different steps that will be taken and put a timing on it, including a timing for writing a paper of the results.

**Proposed study start date:** …

**Propose study completion date (including publishing of the data):** …

# Annex 1

Excel file (“[Annex\_1\_PEH\_DataAccessRequestForm\_PEHstudies\_variable\_list](https://hbm.vito.be/sites/hbm4eu/files/inline-files/Annex_1_PEH_DataAccessRequestForm_PEHstudies_variable_list.xlsx)”) must be submitted together with this request form as it is an integral part of this Data Access Request Form.

1. *Remark: More information about available exposure data for each of the sub-datasets is available (*[*https://hbm.vito.be/peh-data-platform*](https://hbm.vito.be/peh-data-platform)*).* [↑](#footnote-ref-2)
2. According to GDPR, ‘processor’ means a natural or legal person, public authority, agency or other body which processes personal data on behalf of the controller; [↑](#footnote-ref-3)