



EUROPEAN HUMAN BIOMONITORING INITIATIVE (HBM4EU) INDICATOR LEAFLETS

HUMAN BIOMONITORING DATASETS IN IPCHEM

Indicator 5.1 Number of human biomonitoring datasets available through IPCHEM

SPECIFIC GOAL 5: Including new HBM data and, where possible, existing HBM data in the European Commission's Information Platform for Chemical Monitoring (IPCHEM)

RESPONSIBLE: Flemish Institute for Technological Research (VITO), Belgium **WORK PACKAGE:** 10 (VITO)

KEY MESSAGES

- Existing HBM data are increasingly becoming available through the HBM4EU repository and IPCHEM (the Information Platform for Chemical Monitoring).
- Currently, **119 metadata, 60 aggregated data sets and 3 individual data sets accessible via IPCHEM.**
- IPCHEM makes Human Biomonitoring (HBM) data **findable and accessible**, stimulating the use of HBM data in European policy processes.
- IPCHEM makes HBM data **as openly accessible as possible**, while respecting GDPR.
- HBM4EU makes an effort to **harmonize European HBM data**. This harmonization allows to:
 - Integrate standardised descriptive statistics in IPCHEM that are comparable across data collections
 - Enhance pooling of single measurement data across data collections
- 53 aggregated datasets** in IPCHEM are in **harmonized format** and originate from 13 countries.

WHY



Collect new and existing HBM data and **make this data accessible** via **IPCHEM** (the central access point for chemical monitoring data in Europe)

IPCHEM portal site can be used to make **Anonymous data** available. Access to this data is regulated on **user group level**:

1. General public
2. HBM4EU consortium
3. EU national bodies & agencies
4. EU member states

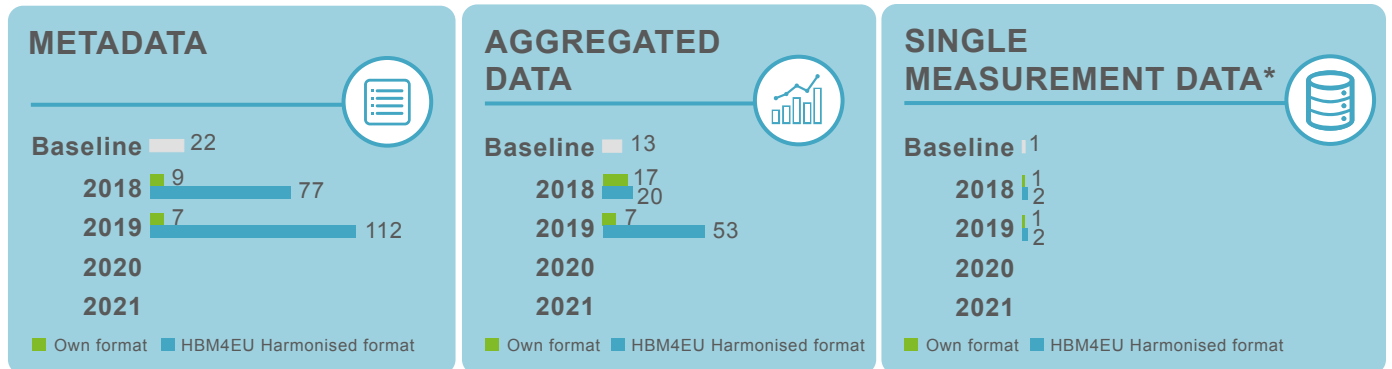
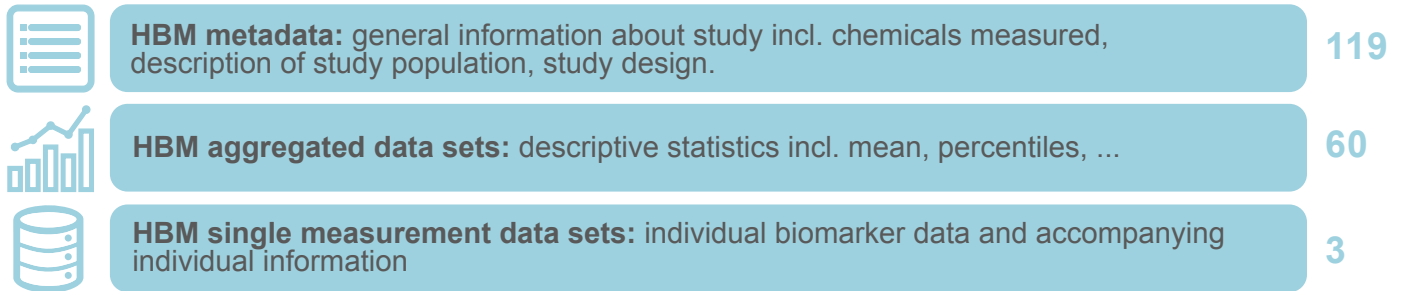
HBM4EU Repository, a secured and restricted part of IPCHEM developed for the HBM4EU project, can be used to make **Non-Anonymous data** available.

Access to the data is regulated on individual level using EU login authentication





RESULTS



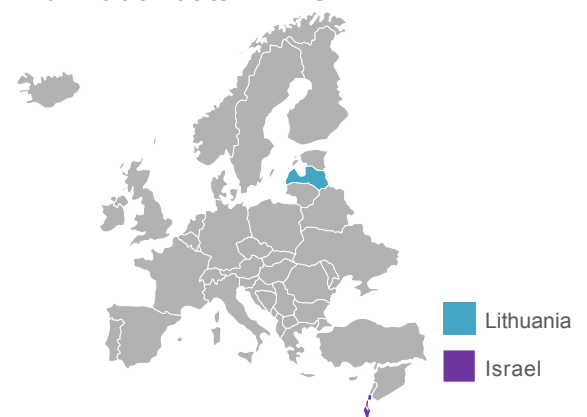
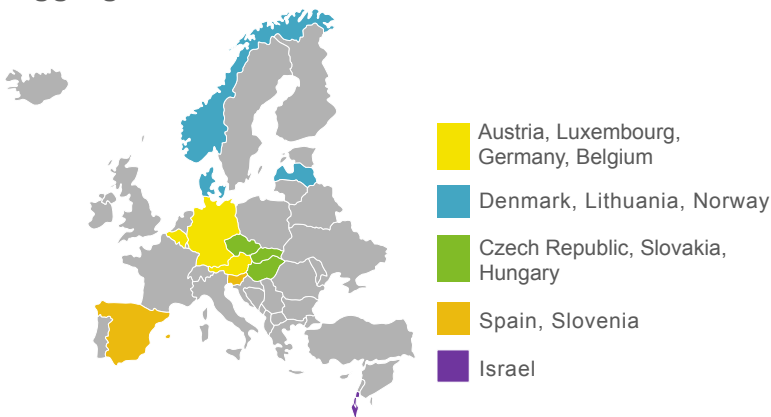
Baseline = datasets available in IPCHEM before the HBM4EU project.

*Pseudonymized single measurement data only accessible via the repository after approval by data controller.

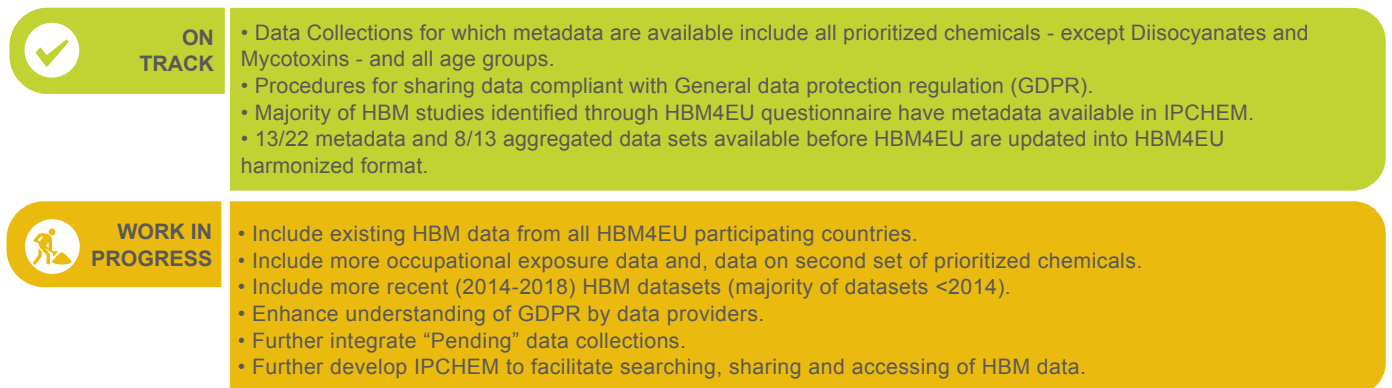
Last update 08/01/2020

Countries with harmonised aggregated data in IPCHEM

Countries with harmonised individual data in IPCHEM



• North, East, South, West, Non-European countries



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METHODOLOGY



*This indicator **monitors the number of HBM data collections** which are **made available** via **IPCHEM** through the **HBM4EU project**. The information for this indicator is provided by **IPCHEM** and **VITO**.*



IPCHEM, HBM4EU Data management plan (D10.1)

