



science and policy
for a healthy future

HORIZON2020 Programme
Contract No. 733032 HBM4EU

Online library: content and use

Deliverable Report

D 2.7

WP 2 - Knowledge Hub

Deadline: November 2018

Upload by Coordinator: 1 November 2018

Entity	Name of person responsible	Short name institution	Date [Received]
Coordinator	Marike Kolossa-Gehring	UBA	25/10/2018
Grant Signatory	Raquel Yotti Álvarez	ISCIII	

Entity	Name of person responsible	Short name institution	Date [Approved]
Pillar Leader	Greet Schoeters	VITO	10/10/2018
Work Package Leader	Catherine Ganzleben, Joana Lobo Vicente	EEA	04/10/2018
Task leader	Susana Pedraza-Díaz and Argelia Castaño	ISCIII	03/10/2018

Responsible author	Susana Pedraza-Díaz ISCIII	E-mail	spedraza@isciii.es isciii_hbm4eu@isciii.es
Short name of institution		Phone	+34 918 223 532
Co-authors	Argelia Castaño		

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz, Argelia Castaño	Page: 2

Table of contents

1	Authors and Acknowledgements.....	3
2	Abstract/Summary	4
3	Introduction	5
4	The HBM4EU online library.....	6
4.1	Structure of the online library	6
4.1.1	Materials	6
4.1.2	Process	7
4.2	Content and use of the library	7
	Annex 1: Online library metadata fiche.....	9
	Annex 2: Screenshot on statistics on use.....	10
	Annex 3: Complete list of uploaded documents	11

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz, Argelia Castaño	Page: 3

1 Authors and acknowledgements

Lead authors

Susana Pedraza Díaz, Argelia Castaño

Contributors

Catherine Ganzleben and Joana Lobo Vicente (EEA), Carla Rodrigues and Miguel Laranjo (Formato Verde website and online library development), Laure Sabatier (CEA, input to the structure of the online library), Work Packages (via contact person, providing materials).

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz and Argelia Castaño	Page: 4

2 Abstract/Summary

The online library is a tool to make HBM4EU guidance, methods, protocols and research outputs publicly available. The goal is to build a European HBM library to serve as a repository of all the relevant documents produced in the project in an open access mode that can be widely used by scientists and policy makers involved in public health as well as the general public.

The development of the library took place over 2017 becoming operational in December with the uploading of the first documents. During 2018, further development and uploading of documents have taken place. Currently (end of September 2018) the library contains 85 uploaded documents and has received 2,192 visits. The total number of documents downloaded has reached 6,888, highlighting its usefulness in providing HBM4EU outputs available to end users.

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz, Argelia Castaño	Page: 5

3 Introduction

This report provides a background to the structure, materials and processes involved in the online library as well as the information on the current (on 18th September 2018) contents and its use. This information includes the structure of the library and available contents as well as the number of visits to the online library webpage and the complete list of documents including the number of downloads per published item as reference and indication of the impact achieved with this online tool.

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz and Argelia Castaño	Page: 6

4 The HBM4EU online library

In line with the objectives set in the “Strategy for the communication and dissemination of HBM4EU results”, dissemination in the project makes use of a generic range of tools, with a particular focus on digital communication tools, to make HBM4EU outputs available to a wide range of end users.

In this sense, the online library has been included in the HBM4EU website as a searchable tool to make guidance, methods, protocols and research outputs publicly available. The goal is to build a European HBM library to serve as a repository of all the relevant documents about the project accessed in an open access mode that can be widely used by scientists and policy makers involved in public health.

4.1 Structure of the online library

Based on the information extracted from the HBM4EU documents (DoA and AWP) as well as the documents/materials already produced, the online library is currently structured in the following folders and subfolders:

- ▶ Guidelines, protocols and SOPs:
 - Guidelines
 - Protocols and SOPs
 - Harmonised questionnaires
- ▶ Biomarkers
- ▶ Laboratories:
 - Criteria for selection of laboratories
 - Databases of candidate laboratories
- ▶ Research results
- ▶ Training materials and guidelines
- ▶ Scoping documents
- ▶ 1st HBM4EU Training School June 2018:
 - B01 HBM4EU basic training
 - A01 Ethics
 - A02 Data management and basics of data analysis
 - A03 HBM in occupational health: applications to chromium
 - A04 Quality requirements, validation and implementation of analytical methods in HBM programmes
 - A05 Biomarkers of effect

Depending on the development of the initiative, this content structure might change and we will aim at modifying the library to include the appropriate levels and sublevels required (depending on the web development capabilities) in order to develop a user-friendly, organised library that meets the user’s needs.

4.1.1 Materials

The documents and materials developed under the HBM4EU and other relevant, publically available guidance and materials in pdf format are uploaded into the repository. As shown above, these documents provide single pieces of information relevant to HBM ranging from scoping documents for the different lists of priority substances, to lists of biomarkers or candidate

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz and Argelia Castaño	Page: 7

laboratories, harmonised protocols, harmonised questionnaires, databases of literature searches or materials for the HBM4EU Training Schools.

Since it is an open access platform, all documents and materials must have a “public” level of privacy. In order to avoid copyright issues, for documents obtained from other sources and training materials developed by individuals, copyright owners must be contacted by those submitting the documents. Therefore, the online library is able to obtain their permission to make materials available on the HBM4EU website, with disclaimers.

For scientific publications, these will be available on the online library if they do not conflict with the Publisher’s copyright and license restrictions. In line with the H2020 recommendations, open access publications will be therefore preferred.

Most materials will be available in English as they are produced within the initiative. Other existing materials from across our partners might be available in different EU languages.

In terms of descriptive metadata, a template of the online library materials fiche (Annex 1) is used to collect the information required to implement the “searchability” feature of the library. This fiche is to be sent with the pdf document, providing a short description of each item included in the library. It will also allow to identify the words to facilitate searching (keywords), title, author, abstract and date. In this fiche, the level of access to “only for consultation” or “downloadable” documents is also included.

4.1.2 Process

Each work package nominated a contact person to channel inputs to the online library. The contact person provides information on the kind of materials they may have available to include in the library and the documents.

A request for availability of materials to be uploaded onto the library is sent to the WP contact persons every 4 months. The contact person sends back the online library materials fiche/s filled and the PDF/s of the documents to be uploaded in the course of the following fortnight.

If required, input from the NHCPs will be coordinated via the NHC. Other HBM4EU partners interested in submitting materials to the online library can contact the Task 2.3 leaders at isciii_hbm4eu@isciii.es.

4.2 Content and use of the library

Currently there are 85 documents available in the online library. Most of these documents are materials produced in HBM4EU, only 3 of them are links to materials from other sources.

The distribution of documents by type in the different folders is the following:

Type	Number
Guidelines, protocols and SOPs	13
Biomarkers	2
Laboratories	6
Research results	11
Training materials and guidelines	0
Scoping documents	2
1st HBM4EU Training School June 2018	51
Total	85

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz and Argelia Castaño	Page: 8

With respect to the distribution by WP and Task, contributions have been received from 5 WP: 2, 4, 7, 9 and 11. The WP and tasks, number of documents and category are shown in the following table:

WP	Task	No. Documents	Category
2	2.5	51	1st HBM4EU Training School
4	4.1, 4.2, 4.3	1	Research results
	4.4	2	Scoping documents
7	7.1	8	Research results
	7.2	2	Research results
	7.2	1	Guidelines, protocols and SOPs
	7.4	5	Guidelines, protocols and SOPs
9	9.1	2	Biomarkers
	9.2	6	Laboratories
	9.3	1	Guidelines, protocols and SOPs
	9.4	4	Guidelines, protocols and SOPs
11	11.2	2	Guidelines, protocols and SOPs

According to the statistics on use provided by the web developers (Annex 2), the online library page has been visited 2,192 times, being the 3rd most visited page in the HBM4EU website.

A total of 6,888 documents downloads have taken place until the 18th September 2018. The most downloaded materials include the scoping documents, the prioritisation strategy, lists of the criteria of biomarkers, matrices and analytical methods for the 1st prioritisation round of substances. This is followed by the list of candidate laboratories to perform the analysis of biomarkers of exposure in HBM4EU, and the lists and databases on existing HBM surveys and literature reviews. This highlights the usefulness of the online library in providing HBM4EU outputs available to end users. It is also a tool for building capacity as all materials from the HBM4EU Training Schools are also available. The complete list of uploaded documents sorted according to the number of downloads can be found in Annex 3.

Highlights of the online library in 2018

Total number of documents*: **85**

Total number of visits*: **2,192**


Total number of documents downloads*: **6,888**

*Information collected on 18th September 2018

It is expected that these numbers will increase significantly as more documents become uploaded and more people become aware of this useful tool.

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz and Argelia Castaño	Page: 9

Annex 1: Online library metadata fiche

	<p>HBM4EU online library submission fiche</p> <p>The searchable online library is a tool to make HBM4EU guidance, methods, protocols and research outputs publicly available. The goal is to build a European HBM library to serve as a repository of all the relevant documents produced in the project in an open access mode that can be widely used by scientists and policy makers involved in public health.</p> <p>This form should be filled in to provide a short description for each item included in the library to facilitate its search, and submitted along with the PDF document.</p>
<p>Please provide the requested information by filling in the space provided or using the dropdown menus</p>	
<p>1. Submission information</p>	
<p>WP:</p> <p>Task number:</p> <p>Responsible for the submission:</p> <p style="padding-left: 20px;">Name</p> <p style="padding-left: 20px;">Email address</p> <p>Type of document:</p> <p>Copyright issues:</p>	
<p>2. Document information</p>	
<p>Title:</p> <p>Main Authors:</p> <p>Contributors:</p> <p>Abstract (max. 250 words):</p> <p>Keywords (max. 6, comma separated):</p> <p>Date:</p>	
<p>3. Access level</p>	
<p>Full access (downloadable document) <input checked="" type="radio"/></p> <p>Only for consultation <input type="radio"/></p>	

Annex 2: Screenshot on statistics on use

Provided by Formato Verde (web developers)

Última Actualização: 18 Set 2018 - 14:19

Período considerado: 2018



[Retorna à página inicial](#)

Filtro : Filtro de exclusão :

Páginas/URL

Total: 4,196 paginas diferentes	Acesso	Dimensão média	Páginas de entrada	Sair	
/wp-json/oembed/1.0/embed	4,554	1.16 KB	41	20	
/wp-cron.php	2,826		1,038	988	
/online-library/	2,192	18.48 KB	7	10	
/about-hbm4eu/national-hubs/	1,011	225.67 KB	282	265	
/the-substances/aniline-family/	938	53.37 KB	241	242	
/	907	573.33 KB	36	43	
/the-substances/cadmium-and-chromium/	805	50.59 KB	219	220	
/funding-mechanisms/european/	530	54.98 KB	114	116	
/about-hbm4eu/	427	19.44 KB	34	25	
/about-hbm4eu/partners-and-linked-3rd-parties/	389	31.85 KB	12	16	
/about-hbm4eu/project-management/	370	17.39 KB	2	6	
/about-hbm4eu/ethics/	361	17.50 KB	10	4	
/the-substances/	360	16.69 KB	24	12	
/the-project/	356	18.45 KB	9	10	
/stakeholders/	355	17.94 KB	10	13	
/the-project/science-to-policy/	350	17.78 KB	5	6	
/the-project/exposure-and-health/	347	19.00 KB	14	15	
/the-substances/bisphenols/	345	28.15 KB	22	21	
/the-project/european-hbm-platform/	340	19.02 KB	5	11	
/rapid-response-mechanism/	332	16.67 KB	7	8	
/the-substances/phthalates-and-hexamoll-dinch/	328	15.73 KB	6	9	
/the-substances/prioritisation-strategy/	325	16.79 KB	6	7	
/the-substances/per-polyfluorinated-compounds/	318	15.73 KB	7	6	
/the-substances/flame-retardants/	311	15.84 KB	3	5	
/the-substances/pahs/	308	15.56 KB	7	5	

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz, Argelia Castaño	Page: 11

Annex 3: Complete list of uploaded documents

Documents have been sorted according to the number of downloads

WP	Task	Type	Subfolder	Title	Downloads
7	7.1	Research Results		Synoptic tables from the literature review	317
9	9.1	Biomarkers		Suggested list of biomarkers, matrices and analytical methods for the 1st prioritisation round of substances	296
4	4.4	Scoping documents		Scoping documents for 2018	292
4	4.4	Scoping documents		Scoping documents for the 1st round of prioritised substances	247
7	7.1	Research Results		Database on existing HBM surveys (xlsx-format)	234
4	4.1, 4.2, 4.4	Research Results		Prioritisation strategy and criteria	227
9	9.1	Biomarkers		Criteria for prioritisation of biomarkers, matrices and analytical methods	216
7	7.1	Research Results		Synoptic table from the review of the books of proceedings	201
7	7.4	Guidelines, protocols and SOPs	Protocols and SOPs	Standard Operation Procedure (SOP) Shipment	197
9	9.2	Laboratories	Lists of analytical laboratories	List of candidate laboratories to perform the analysis of biomarkers of exposure in HBM4EU	171
7	7.1	Research Results		Report on ongoing activities and existing data and data gaps for the 1st prioritised substances including a list of metadata that can be uploaded in IPChem (including the databases in SPSS, Excel and Access versions)	164
7	7.4	Guidelines, protocols and SOPs	Protocols and SOPs	Shipping Flowchart	155
7	7.2	Research Results		A systematic approach for designing a HBM Pilot Study for Europe	152
7	7.4	Guidelines, protocols and SOPs	Protocols and SOPs	Sample Transfer Protocol	150
7	7.4	Guidelines, protocols and SOPs	Protocols and SOPs	Data Transfer Template	140
9	9.2	Laboratories	Lists of analytical laboratories	List of candidate laboratories to laboratories to develop new analytical methods in HBM4EU WP9	139

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz and Argelia Castaño	Page: 12

WP	Task	Type	Subfolder	Title	Downloads
7	7.1	Research Results		Integrated database (xlsx-format) with the data gathered from the questionnaire on existing surveys and from the literature reviews with the more relevant variables	134
7	7.2	Research Results		Lessons learnt on recruitment and fieldwork from a pilot European human biomonitoring survey	134
7	7.4	Guidelines, protocols and SOPs	Protocols and SOPs	Pro-Forma Invoice	132
9	9.2	Laboratories	Lists of analytical laboratories	List of candidate laboratories to support the HBM4EU QA/QC activities in WP9	114
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_A structured approach to the HBM4EU harmonized study protocol for reference values	95
9	9.2	Laboratories	Criteria for selection of laboratories	Criteria for selecting candidate laboratories to analyse HBM4EU samples	88
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_HBM4EU Laboratory Quality Assurance Programme	85
9	9.2	Laboratories	Criteria for selection of laboratories	Criteria for selecting candidate laboratories to support the QA/QC activities implemented in HBM4EU	81
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Collection of personal and contextual information by questionnaire	80
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_S4_Human-Biomonitoring: from exposure biomarker identification to population studies – basic principles in matrix/biomarker selection	75
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_S02_Taking a representative sample for all age groups	74
2	2.5	1st HBM4EU Training School	A03 HBM in occupational health: applications to chromium	A03_Wipe sampling SOP	73
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Information, Invitation and Informed Consent	72
9	9.2	Laboratories	Criteria for selection of laboratories	Criteria for selecting laboratories to develop new methods according to the needs identified in HBM4EU	71
2	2.5	1st HBM4EU Training School	A01 Ethics	A01_Ethics and health information including genetic testing	70
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Blood and urine: sample collection, storage and aliquoting	69
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Ethics and approval of study protocol	69
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Concepts and principles of HBM	67
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_From data to information - adjustments, conversions and calculations	65
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Basic principles of biokinetics	64

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz and Argelia Castaño	Page: 13

WP	Task	Type	Subfolder	Title	Downloads
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Eye-balling and descriptive statistics	64
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Quality Assurance in the preanalytical phase	61
2	2.5	1st HBM4EU Training School	A01 Ethics	A01_HBM4EU templates	61
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_S01_Overview of HBM initiatives around the globe and brief history of HBM4EU	59
2	2.5	1st HBM4EU Training School	A05 Biomarkers of effect	A05_Serum biomarkers in asbestos related diseases	58
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Objectives and research questions - Science and society	58
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Communication of HBM results to groups and individuals	58
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_HBM in a societal context and policy interactions	57
2	2.5	1st HBM4EU Training School	A01 Ethics	A01_morning session	55
2	2.5	1st HBM4EU Training School	A03 HBM in occupational health: applications to chromium	A03_Training on the Collection of Exhaled Breath Condensate	53
2	2.5	1st HBM4EU Training School	A05 Biomarkers of effect	A05_Gene-environment interactions and asbestosis	52
2	2.5	1st HBM4EU Training School	A05 Biomarkers of effect	A05_The application of extracellular vesicles in malignant mesothelioma diagnosis	51
2	2.5	1st HBM4EU Training School	A01 Ethics	A01_afternoon session	50
2	2.5	1st HBM4EU Training School	A01 Ethics	A01_Biobank	49
2	2.5	1st HBM4EU Training School	A02 Data management and basics of data analysis	A02_IPCHEM tutorial, Part 1: Introduction to IPCHEM, HBM4EU metadata and search filters for human biomonitoring in IPCHEM	49
2	2.5	1st HBM4EU Training School	A03 HBM in occupational health: applications to chromium	A03_Implementation of informed consent and questionnaire on gathering contextual data	49
2	2.5	1st HBM4EU Training School	A05 Biomarkers of effect	A05_Genetic variability and the risk of developing asbestos related diseases	48
2	2.5	1st HBM4EU Training School	A03 HBM in occupational health: applications to chromium	A03_HBM in occupational health	47
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Validation of analytical methods	47
2	2.5	1st HBM4EU Training School	A02 Data management and basics of data analysis	A02_IPCHEM tutorial, Part 2: Sharing data among HBM4EU	46

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz and Argelia Castaño	Page: 14

WP	Task	Type	Subfolder	Title	Downloads
2	2.5	1st HBM4EU Training School	A03 HBM in occupational health: applications to chromium	A03_Collection and treatment of blood samples, effect markers	45
2	2.5	1st HBM4EU Training School	A05 Biomarkers of effect	A05_Extracellular vesicles as novel biomarkers for monitoring human disease	44
2	2.5	1st HBM4EU Training School	A01 Ethics	A01_DraftLegal and Ethics Policy Paper by June2018	44
2	2.5	1st HBM4EU Training School	A03 HBM in occupational health: applications to chromium	A03_Air sampling for chromium study	44
2	2.5	1st HBM4EU Training School	A05 Biomarkers of effect	A05_Biomarkers In Human Biological Monitoring	43
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Basic introduction to reporting and submission of data to IPCHEM	41
2	2.5	1st HBM4EU Training School	A03 HBM in occupational health: applications to chromium	A03_Outline of occupational health study on worker's exposure to chromium	41
2	2.5	1st HBM4EU Training School	A05 Biomarkers of effect	A05_Biomarkers for combined effect of chemical mixtures_Marieta Fernandez_v1.0	41
2	2.5	1st HBM4EU Training School	A05 Biomarkers of effect	A05_Genetic Variability In Human Biological Monitoring	40
2	2.5	1st HBM4EU Training School	A04 Quality requirements, validation and implementation of analytical methods in HBM programmes	A04_Specific QA/QC requirements within HBM4EU	39
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Use of (certified) reference materials in HBM	39
2	2.5	1st HBM4EU Training School	A02 Data management and basics of data analysis	A02_IPCHEM_Hands on demonstration session_V1	38
2	2.5	1st HBM4EU Training School	A03 HBM in occupational health: applications to chromium	A03_Challenges related to the analysis of chromium in Red Blood Cells	36
2	2.5	1st HBM4EU Training School	B01 HBM4EU basic training	B01_Setting the laboratory analytical quality performance requirements	36
9	9.4	Guidelines, protocols and SOPs	Protocols and SOPs	HBM4EU-SOP-QA-003 Evaluation of results from Interlaboratory Comparison Investigations (ICI) and External Quality Assurance Schemes (EQUAS)	35
9	9.4	Guidelines, protocols and SOPs	Protocols and SOPs	HBM4EU-SOP-QA-004 Reporting of results of Interlaboratory Comparison Investigations (ICI) and External Quality Assurance Schemes (EQUAS)	34
9	9.4	Guidelines, protocols and SOPs	Protocols and SOPs	HBM4EU-SOP-QA-002 Preparation of control materials for Interlaboratory Comparison Investigations (ICI) and External Quality Assurance Schemes (EQUAS)	33
9	9.4	Guidelines, protocols and SOPs	Protocols and SOPs	HBM4EU-SOP-QA-001 Organisation of Interlaboratory Comparison Investigations (ICI) and External Quality Assurance Schemes (EQUAS)	29

D2.7 - Online library: content and use	Security: Public
WP2 - Knowledge Hub	Version: 1.0
Authors: Susana Pedraza-Díaz and Argelia Castaño	Page: 15

WP	Task	Type	Subfolder	Title	Downloads
2	2.5	1st HBM4EU Training School	A04 Quality requirements, validation and implementation of analytical methods in HBM programmes	A04_Estimation of measurement uncertainty	28
2	2.5	1st HBM4EU Training School	A02 Data management and basics of data analysis	A02_2_R demo	25
2	2.5	1st HBM4EU Training School	A02 Data management and basics of data analysis	A02_2_Data analysis	23
2	2.5	1st HBM4EU Training School	A02 Data management and basics of data analysis	A02_1_Data management	20
7	7.2	Guidelines, protocols and SOPs	Guidelines	Guidelines and Recommendations to Assure Good Epidemiologic Practise (GEP) - Long Version	5
11	11.2	Guidelines, protocols and SOPs	Guidelines	Guidelines for linking HBM and health studies	2
11	11.2	Guidelines, protocols and SOPs	Guidelines	Criteria for the use of existing biological samples from health studies	1
7	7.1	Research Results		Database on existing HBM surveys (sav-format)	0
7	7.1	Research Results		Database on existing HBM surveys (accdb-format)	0
7	7.1	Research Results		Integrated database (sav-format) with the data gathered from the questionnaire on existing surveys and from the literature reviews with the more relevant variables	0
9	9.3	Guidelines, protocols and SOPs	Guidelines	General guidance for new method development within HBM4EU and role of task 9.3 therein	0