

Eighth Working Meeting of ESBIO

Final results of WP1

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IMP - FML
Lisbon, Portugal

Brussels, September 7 2007

WP1 main objectives

1. Updated inventory on HBM activities

- Past 10 years and current
- Concept on how to continue to update inventory

2. Overview of HBM in Europe

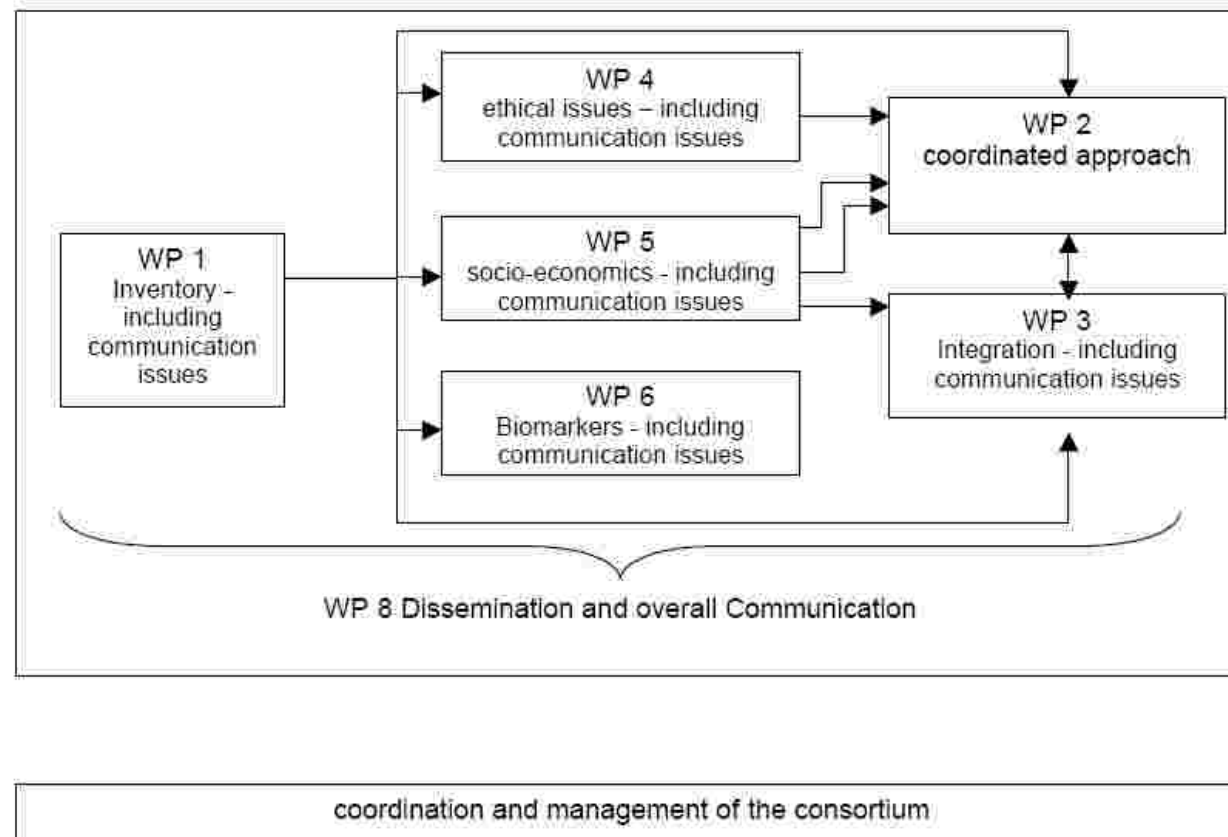
- Creation of tools to produce overviews
- Search database by specific criteria

3. Concept for an EU Web Platform on HBM

- Exchange of expertise/experience between HBM players
- Conference “State of the art of HBM within Europe”



Interdependencies between the work packages



WP1 Deliverables

D1.1	Proceedings of Conference “State of the art of human biomonitoring within Europe”
D1.2	Updated inventory of biomonitoring research and non research actions and databases in an electronic format
D1.3	Extracts of issues (state of the art documents, summaries) including justification, to be used for the pilot project
D1.4	Website to make broadly available obtained information (under permission of contributors)
D1.5	Concept of a EU platform for exchange of expertise and experiences with institutes performing biomonitoring activities
D1.6	Suggestions how to continue and update inventory on human biomonitoring after the end of the project

Updated inventory on HBM activities

www.hbm-inventory.org

Two online databases:

- ◆ **EIHBA** – Database of registered HBM Activities
- ◆ **DPA/EHBA** – Database of Published Articles on HBM Activities

Initial mailing list

>1000 e-mail addresses

- **Potential providers of HBM data**
- **Relevant stakeholders in HBM field**



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Updated inventory on HBM activities

- User must **register** in order to insert an activity



The screenshot shows the registration page of the ESBIO (Expert Team to Support Biomonitoring in Europe) website. The page title is "The European inventory on Human Biomonitoring activities". The navigation menu includes: Home Page, More info about EHBIA, Edit Respondent Data, Help and instructions, My HBM Activities, New Activity, LOGOUT, All HBM-Activities, All registered users, Used / Existing HBM capacity, Analytical Capacity by HBM activity, Message Board, and All Queries.

The main heading is "I want to participate: User registration (*) mandatory fields". The form includes the following fields:

- Name (required)
- Login (required, with instruction: "choose your own login")
- Password (required, with instruction: "choose your own", and a "password" label)
- Email (required)
- Birth Date (with a calendar icon)
- Work Place (required)
- Address
- Phone Number

Instructions on the right side of the form:

- "Fill in the form. You will be granted immediate access if your login/password is not coincident with an existing registered user."
- "After registration, an email will be sent to you with the pair LOGIN/PASSWORD that you chose."
- "In the 'Work Place' fill in the name of the institution where you presently work."

A "REGISTER" button is located at the bottom right of the form.

At the bottom of the page, a footer contains the following text: "Developed with common sense. This site implements a work framework Powered by SC SCIM. © 2005-2008 Senso Comum Lda. All rights reserved. Developed as a collaborative work between Senso Comum Lda and Institute of Preventive Medicine, Lisbon Faculty of Medicine, Portugal."

Updated inventory on HBM activities

Online Questionnaires

- **General data**
- **Description of population**
- **Biomarkers** of exposure, effect, susceptibility
- **Additional data** (environment, lifestyle, socio-economic factors,)
- **Analysis / quality control** procedures
- **Data protection**
- **Communication**
- **Problems / experiences**



Updated inventory on HBM activities

Features

Advantages

Closed questions

→ Ensures consistent level of detail

Online, easy to use Forms

→ Reduced time and effort for user

Exhaustive, dynamic Forms

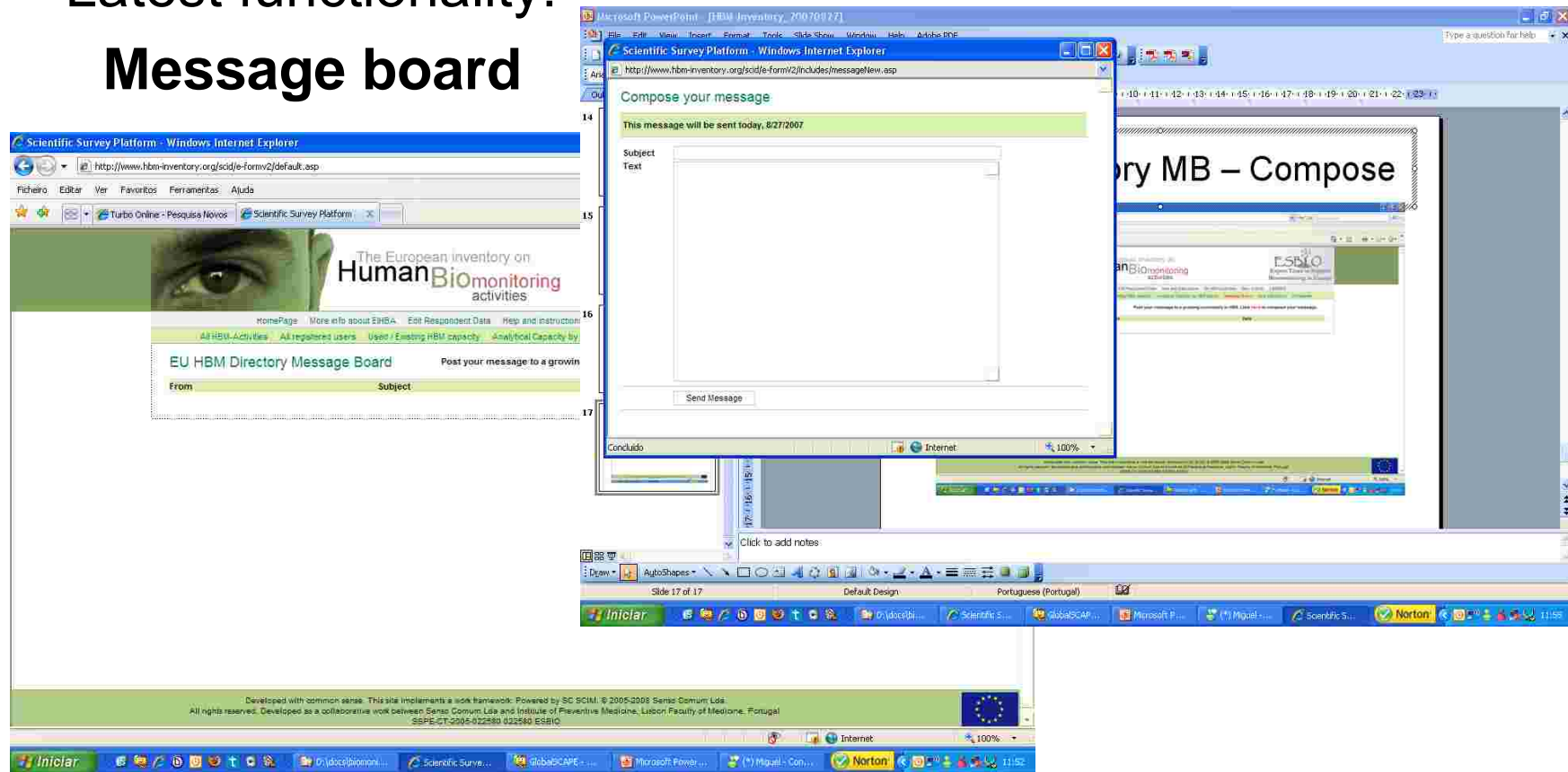
- User modifiable - answer options can be added

→ Works in real-time so is immediately updated



Updated inventory on HBM activities

- Latest functionality:
Message board



Updated inventory on HBM activities

By
September
3rd 2007

- **EIHBA Databases**
 - **Registered users: 79**
 - **Countries: 21**
 - **Registered activities: 178**
- **DPA/EHBA Databases**
 - **Journals: 37**
 - **Registered papers: 174**



1. *General overviews – sort the database*

✓ **HBM Activities**

EU HBM Activities (all or organized by country)

✓ ***Who is who ... in the EU HBM field***

organized list by User's name, links to their activities and contacts

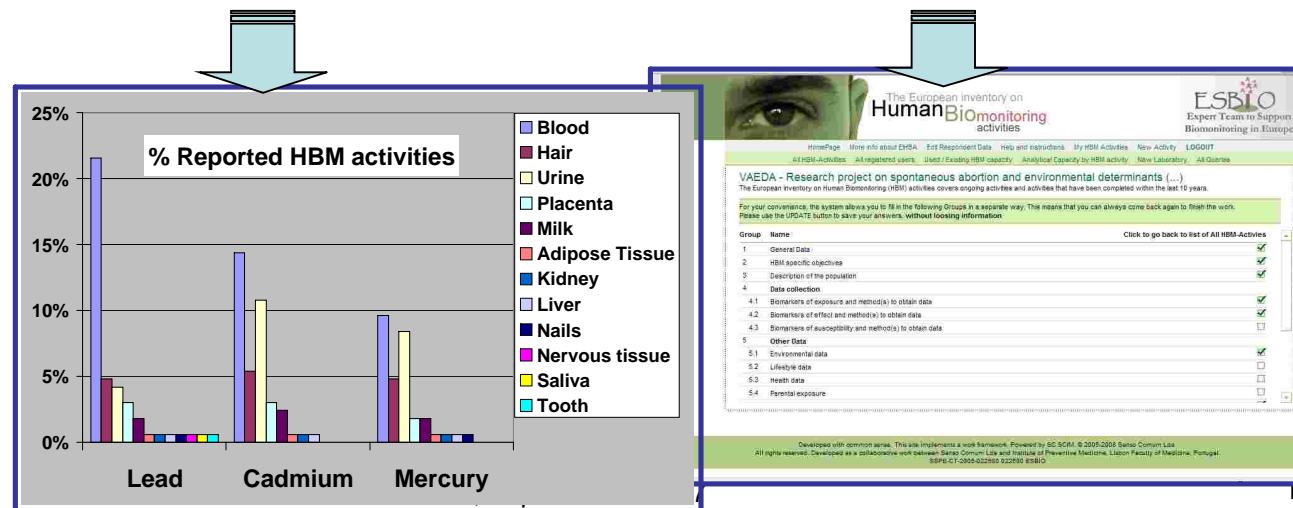
✓ **EU Analytical Capacity**

Labs used, by which projects and biomarkers analyzed



2. Online Querying System - filters database

- ✓ According to **user-defined search criteria**
 - by a **single** criterion (as **broad** or **precise** as required)
 - by **combining** criteria
- ✓ To produce **information** from entered **data**



Features

❑ Databases of activities and publications

❑ List of users

❑ Searches of activities/publications

Advantages

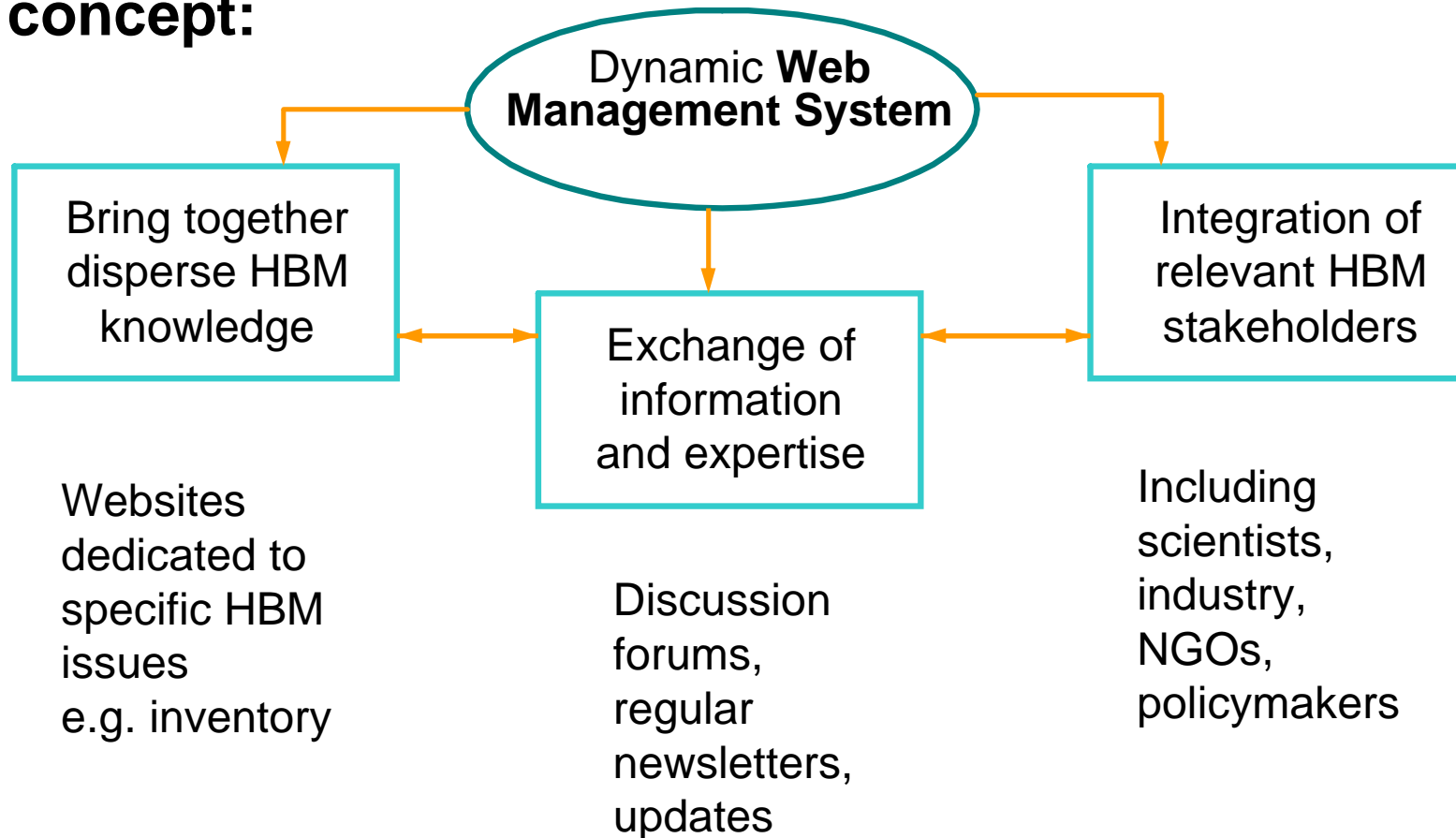
➔ Complete and organized data targeted at HBM

➔ Find partners, form coalitions, share experience

➔ Check procedures, approaches, national situations, find labs

EU Web Platform on HBM

The concept:



EU Web Platform on HBM

Dynamic concept has already provided optimal support to run:

- Contents and relationships included in **updated inventory of HBM activities**
- Conference on “***State of the art of human biomonitoring within Europe***”



ESBIO Conference on

“State of the art of human biomonitoring within Europe”



ESBIO conference on
State of the art of Human Biomonitoring within Europe
<http://conference.hbm-inventory.org>

Lisbon 19 - 21 March 2006

Main themes/topics
- EC Environment and Health Action Plan 2004-2010 (Context and background of Action 3)
- HBM objectives and key issues
- HBM activities within Europe
- USA perspectives on HBM

DEADLINES
Abstract submission March 1, 2006
Notification of acceptance March 8, 2006
Early registration deadline March 1, 2006

All abstracts and selected papers will be published in the *International Journal of Hygiene and Environmental Health*.

AULA MAGNA and EDIFÍCIO EGAS MONIZ
Lisbon Faculty of Medicine

The poster features a central graphic of a stylized human figure in green and yellow, set against a blue and green circular background. Below the main text, there are several logos of partner organizations, including the Faculty of Medicine of the University of Lisbon, ESBIO, and various international health organizations.

Program at a glance

- Opening session (political)
- Session 1: Introduction to HBM and general issues
- Session 2 : HBM activities within Europe
 - **Country case studies** (Parallel & Poster sessions)
 - HBM addressing exposure
 - HBM addressing adverse health effects
 - Environment and Health integration (Symposium)
 - **General Programs & Projects** (WHO, NGOs, Industry)
 - **Inventory and Pilot Project**
- Session 3: USA perspectives on HBM
- Conference conclusions (scientific & political perspectives)
- Closing session



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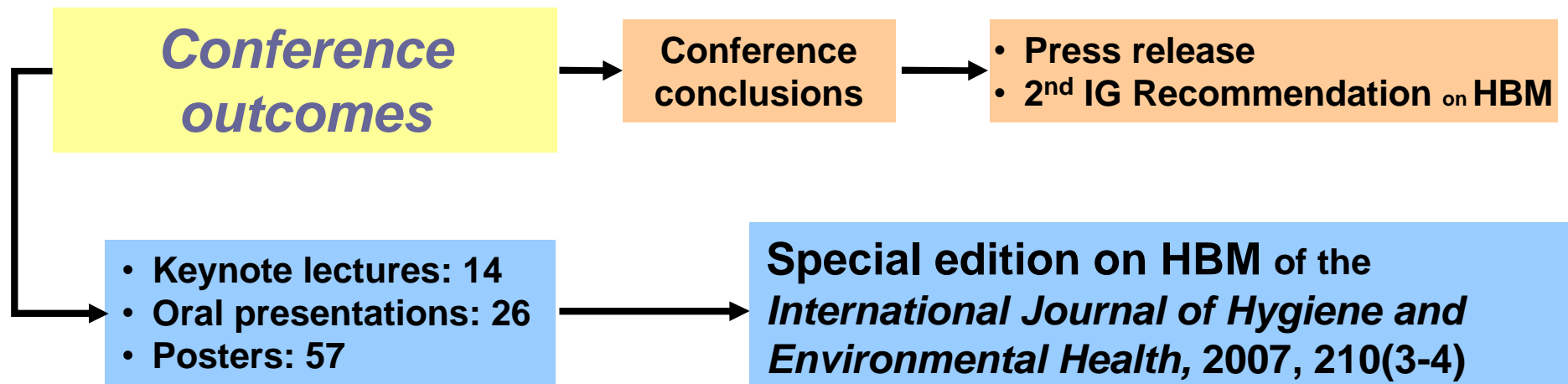
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ESBIO Conference on

“*State of the art of human biomonitoring within Europe*”

Conference statistics

- Participants: **118** from **20** countries
- Accepted abstracts: **83**



Final notes

- The inventory remains **on-line** and **fully functional**

www.hbm-inventory.org

