



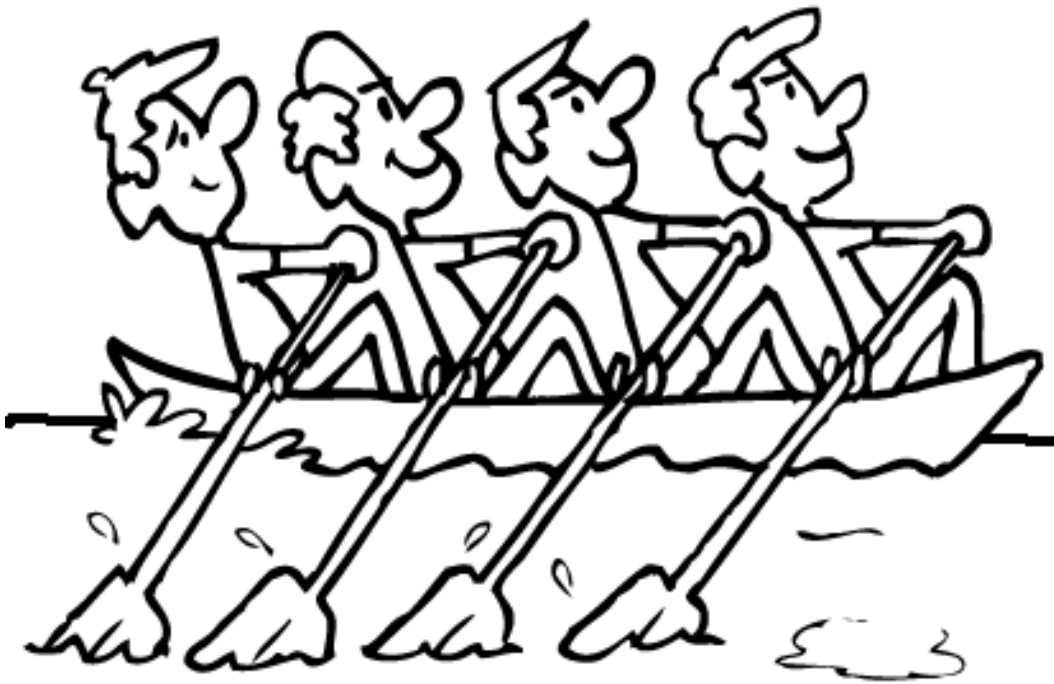
**Umwelt**   
**Bundesamt**

## INVOLVEMENT OF STAKEHOLDERS: WAY FORWARD

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# HBM4EU IS NOT A STAND ALONE ACT !

## *Stakeholder engagement*



## WHERE ARE WE 5 YEARS FROM NOW AND BEYOND?

### *EU Science policy nexus*

» Safe man made chemicals across policy and application domains

EU strategies:

- Strategy for a non toxic environment
- Circular economy
- Safety by design
- Ministerial Conference on Environment and Health

HBM4EU:

- Open the dialogue with stakeholders - first step taken !
- Include stakeholders perspectives in prioritisation, design,
- Taking the results beyond science
- Changes : regulations, incentives, awareness,

← participation

## WHERE ARE WE 5 YEARS FROM NOW AND BEYOND?

### *Science policy nexus at national/regional/local level*

- > 26 member states will include their there stakeholders' views and requirements into monitoring human chemical exposure and health interpretation

HBM4EU will inform stakeholders via National Hubs and Stakeholder Forum about:

- Exposure range
  - High exposed populations
  - Vulnerable populations exposure and risks
  - EU Lifestyles and human exposures
  - EU Environments and human exposures
- Reference values  
Indicators
- Science based empowerment of policy makers to act in a science informed way
  - Active national hubs driving the program
- sustainability

## WHERE ARE WE IN 5 YEARS FROM NOW AND BEYOND?

### *The scientific boundaries?*

HBM4EU take up stakeholders input:

- To which compounds are Europeans exposed?
  - Screening for new compounds
  - Development of new biomarkers
  - Dealing with mixtures/combined and aggregated exposures
  - Better access to information on chemicals in products and markets
  
- HBM4EU will synergize with other scientific networks
  - Exposome networks
  - AOP driven research
  - NORMAN network

innovation

Strengthen research  
networks

## WHERE ARE WE IN 5 YEARS FROM NOW AND BEYOND?

### *The scientific boundaries?*

- Open access for everyone to
  - protocols,
  - publications ,
  - Information in the knowledge hub
  
- New ways of data sharing and data exploring
  - central, federated, remote
  
- Linkages: dietary monitoring  
health monitoring  
environmental monitoring

Dissemination

Sharing

Towards a systemic  
approach

## *Stakeholder involvement*

- » At national level via National Hubs
  - » Continuously via National Hub contact point
- » At European level via the Stakeholder Forum
  - » yearly

Benefit from all information in the Knowledge Hub

Access to (at least parts of) data in the IPCheM database

### *Stakeholder involvement*

- » The Stakeholder Forum will consist of up to 10 representatives of bodies operating at EU level, including:
  - » Non-governmental organizations (NGOs)
  - » Civil society organizations
  - » Relevant international organizations (such as WHO, OECD)
  - » Industry associations
  - » Scientific advisory bodies or representatives of scientific societies
  - » Employers and worker representative bodies



## WHERE ARE WE IN 5 YEARS FROM NOW AND BEYOND?

### *Stakeholder involvement offers the chance to:*

Give input concerning:

- » The identification of priority substances
- » Priorities for research on effects
- » Questions of consumers and patients
- » Exchange of information in international networks
- » Development of safe(r) substitutes for hazardous substances
- » Sharing of work load and financial burden
- » More transparency about the exposure at the working place

Coming together is a beginning;  
Keeping together is progress;  
Working together is success -

Henry Ford

