



# **TDS EXPOSURE STAKEHOLDER WORKSHOP**

**Brussels, 5th February 2014**

## **Introduction**

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# INTRODUCTION TO THE STAKEHOLDER WORKSHOP



**Objectives of the TDS\_Exposure project**

**Deliverables**

**Governance and management structure**

**Aims of the stakeholder workshop**

## TOTAL DIET STUDIES :

**REDUCE DIETARY EXPOSURE ASSESSMENT COSTS (LESS FOODS, LESS CHEMICAL ANALYSIS)**

**WITHOUT REDUCING THE WHOLE DIET COVERAGE**

**CHRONIC EVALUATION OF MORE SUBSTANCES**

**EXPOSURE = FOOD INTAKE X FOOD CONTAMINATION**

**POOLED FOOD SAMPLES, FOODS AS CONSUMED**

## OBJECTIVES OF THE TDS\_EXPOSURE PROJECT

- To identify the needs of exposure information that can be fulfilled by Total Diet Studies TDS in addition to existing information (surveillance plans)
- Development of TDS in Europe
- Harmonization of TDS
- To make a European TDS database available for risk assessors and risk managers
- Estimation of dietary intake of contaminants with TDS

## EXAMPLES OF UNANSWERED QUESTIONS

- Is the dietary exposure to BPA higher in the EU countries were the prevalence of pathologies attributed by some researchers to endocrine disruption is higher ?
- Has the dietary acrylamide exposure been reduced in different EU countries ?
- Is the difference of PCB exposure between EU countries explained by differences in food consumption patterns, for instance fish and seafood intakes ?

➤ **NEED OF EU HARMONISATION**

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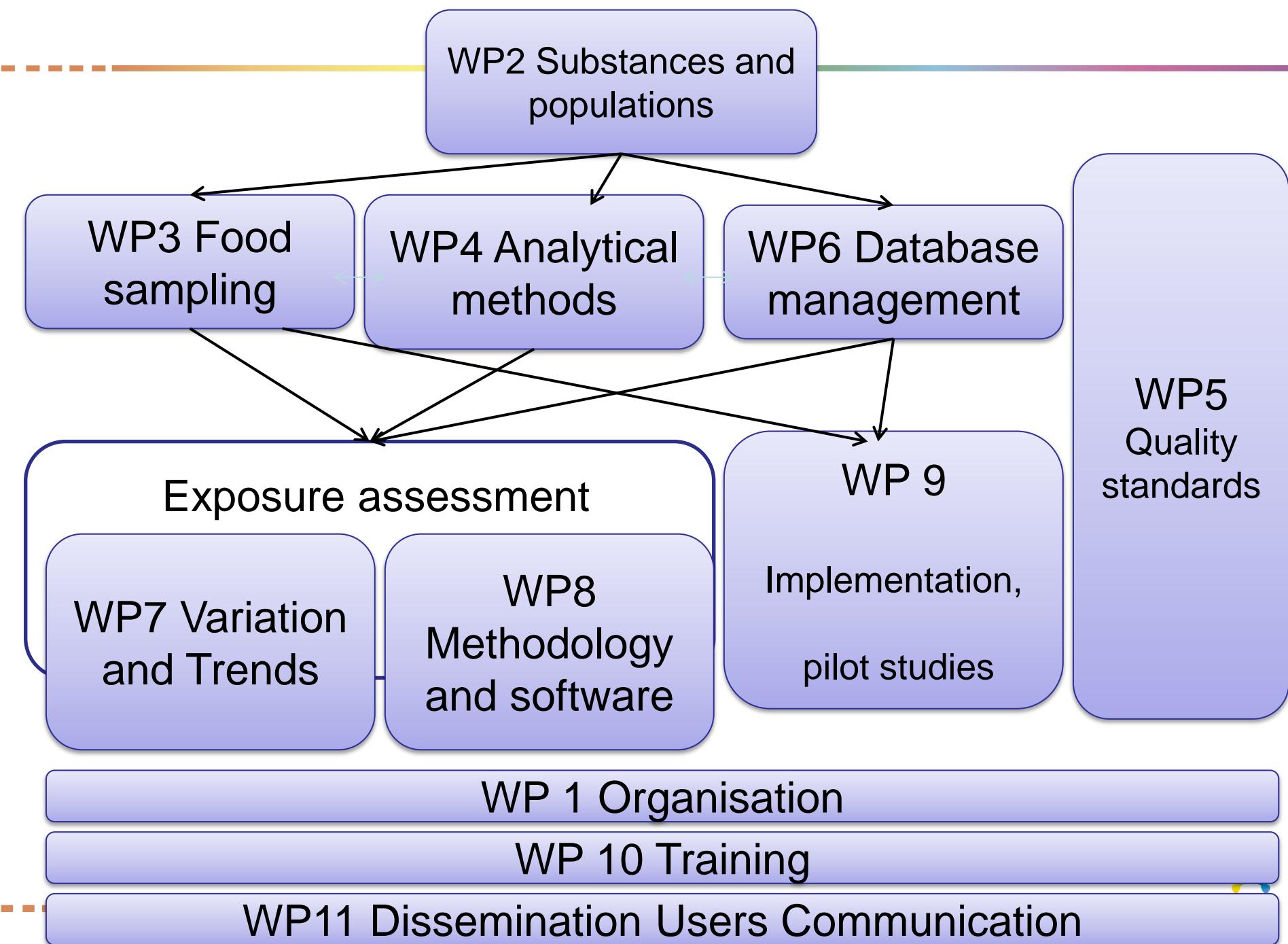
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## DELIVERABLES

- A complete methodology : population, substances, food items, sample preparation, chemical analysis, statistical analysis, quality
- Tools : database and software
- Implementation : TDS center network, pilot studies
- Training and dissemination
- Research and innovation



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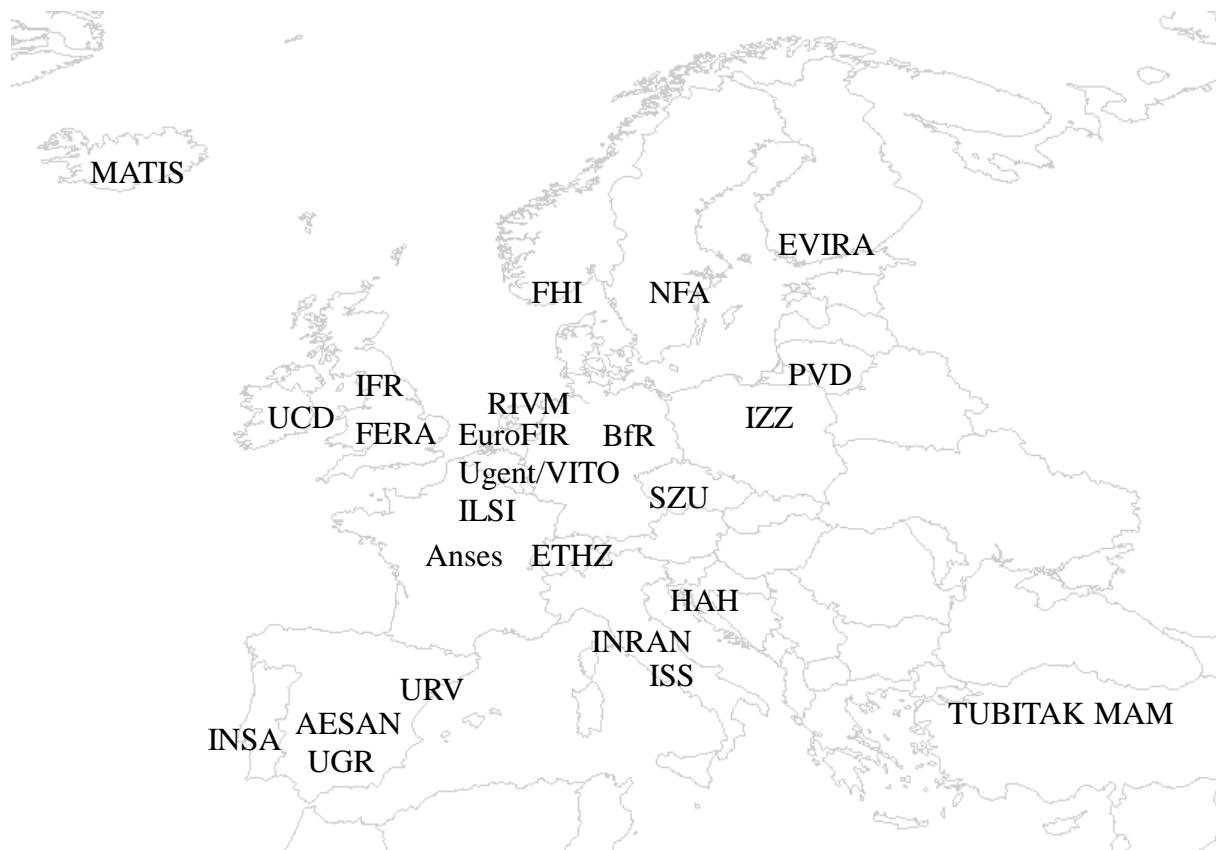
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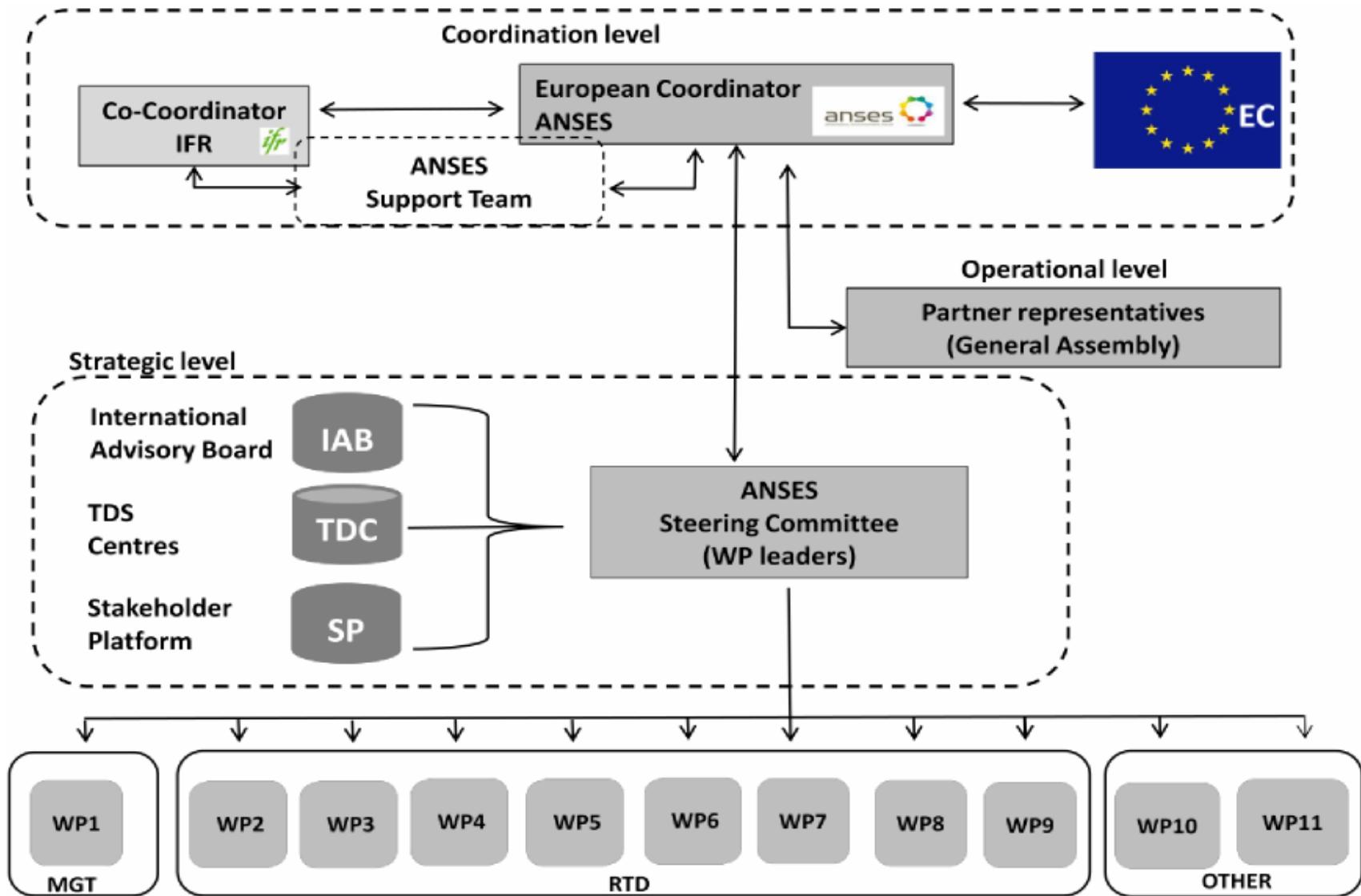
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## PARTNERS



- 26 beneficiaries
- 19 countries:  
Belgium, The Czech Republic, Finland, France, Germany, Ireland, Italy, Latvia, The Netherlands, Poland, Portugal, Spain, Sweden, UK, Croatia, Iceland, Turkey, Norway and Switzerland.
- Different structures:  
10 research centres,  
6 food safety agencies,  
5 universities,  
4 National Institutes of Public Health  
1 SME

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## AIMS OF THE STAKEHOLDER WORKSHOP

- Inform about the first results of the project
- Consult stakeholders on their opinion about the interest and limitations of such exposure assessment studies
- Make the project as useful as possible for better decisions of risk assessors and risk managers