



European  
Commission



# STAKEHOLDER Consultation Meeting on the review of Annex I parameters of the Drinking Water Directive 98/83/EC

Brussels  
23 September 2016

European Commission  
Directorate General for the Environment  
Unit C.2

# *Introduction EC-WHO Cooperation Project*

- 1. Background*
- 2. Implementation/Compliance*
- 3. Evaluation*
- 4 Study Materials/Products in contact with  
Drinking Water*
- 5. Study Impact Assessment*
- 6. Brief Introduction Parameter Project*

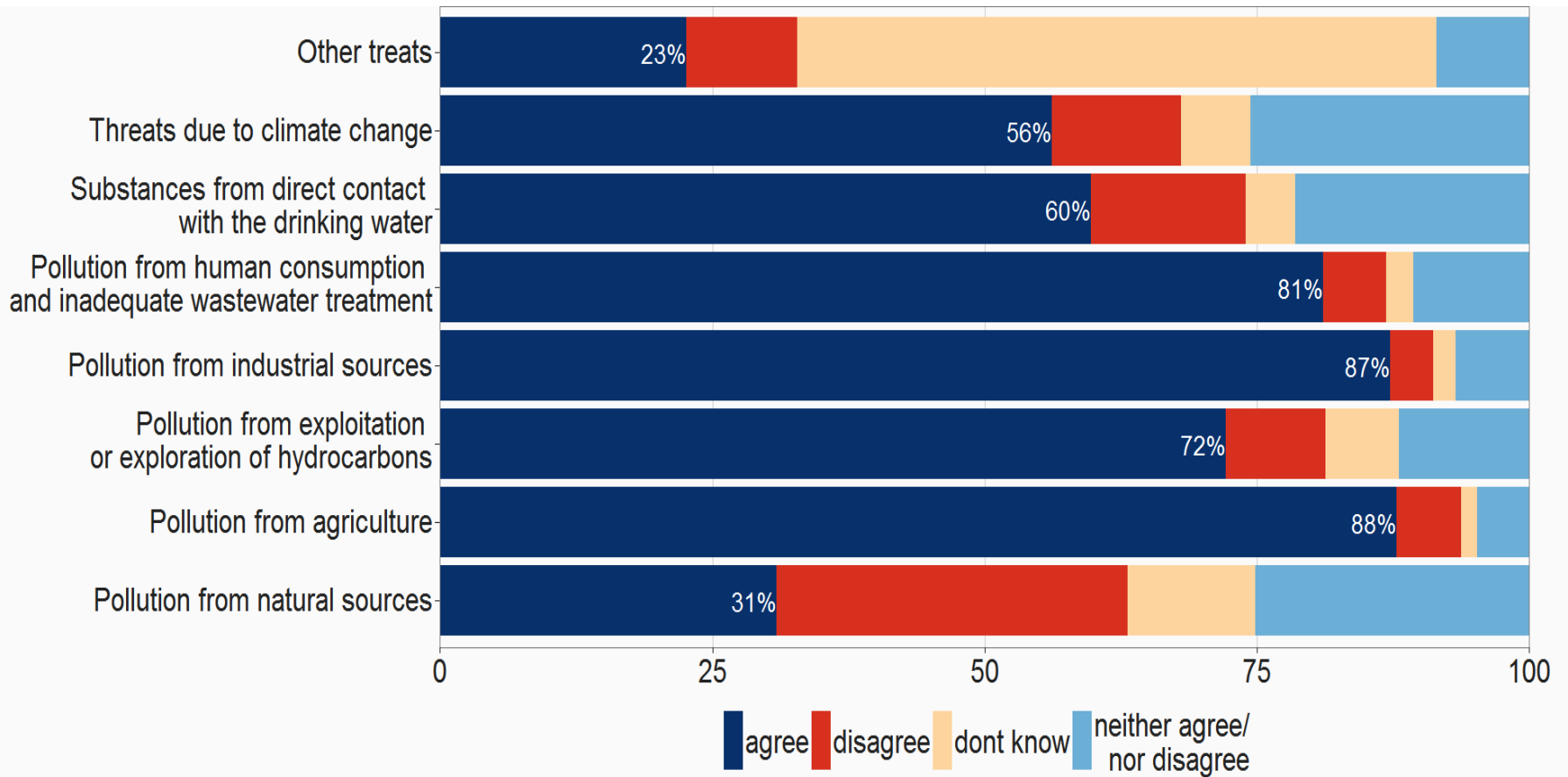
## Background (1)

- *Review obligation in Article 11 of the Council Directive 98/83/EC (Drinking Water Directive, DWD), "at least every five years in the light of scientific and technical progress"*
- *Acknowledgment in recital 16 of the DWD that "the standards in Annex I are generally based on the World Health Organisation's Guidelines for Drinking-water Quality".*
- *DWD Annex I not revised since adoption 1998*
- *Last Review 2010: Decision not to propose Amendments*

## Background (2)

- *Citizens' initiative Right2Water*
- *2014 Public consultation, EUSurvey*

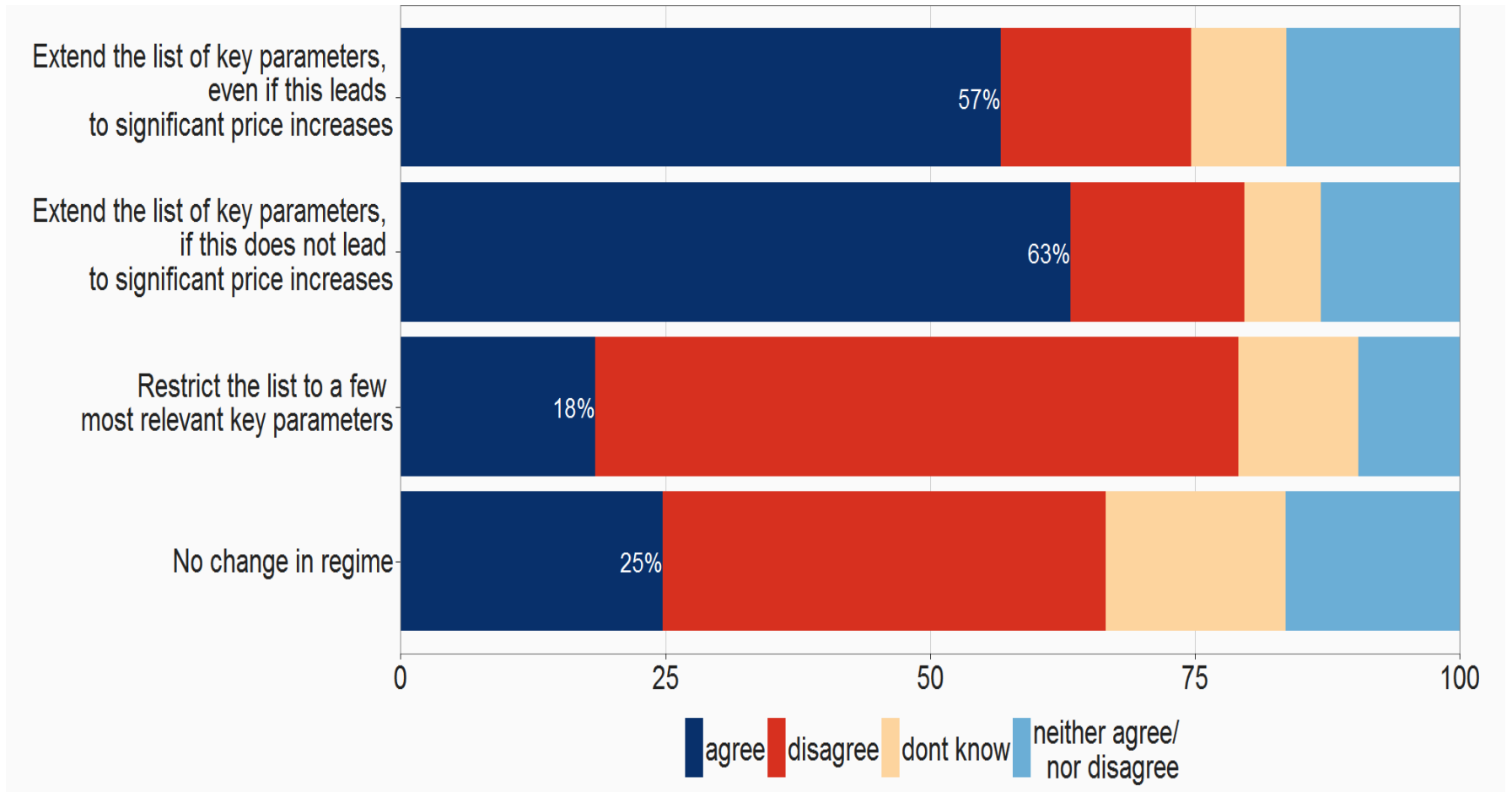
# Threats to Drinking Water



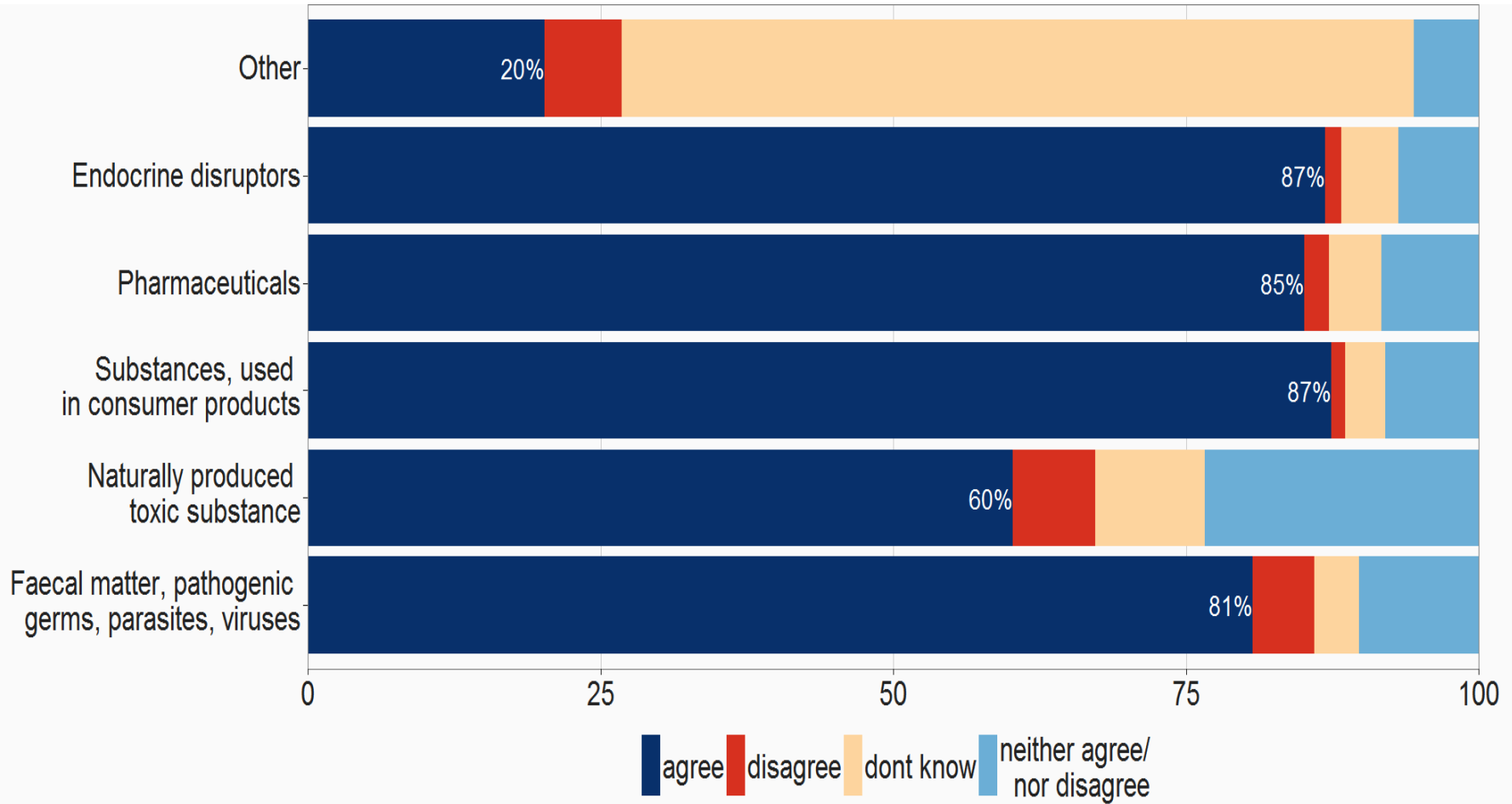


European  
Commission

## Appropriateness of the list of parameters

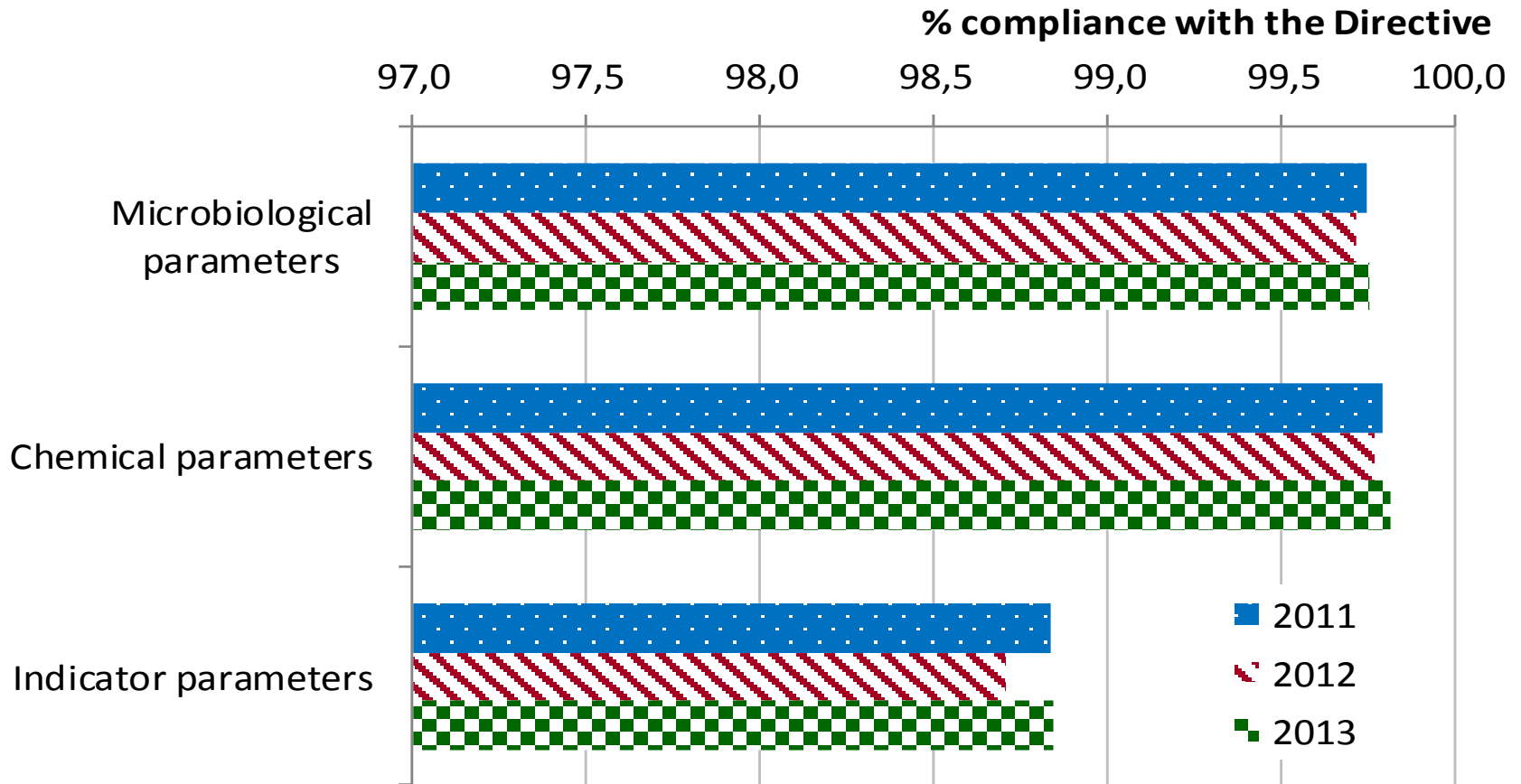


## New parameters to be considered





Percentage of compliance for the parameter groups microbiology, chemicals and indicator parameters for the reporting period 2011-2013 in the EU



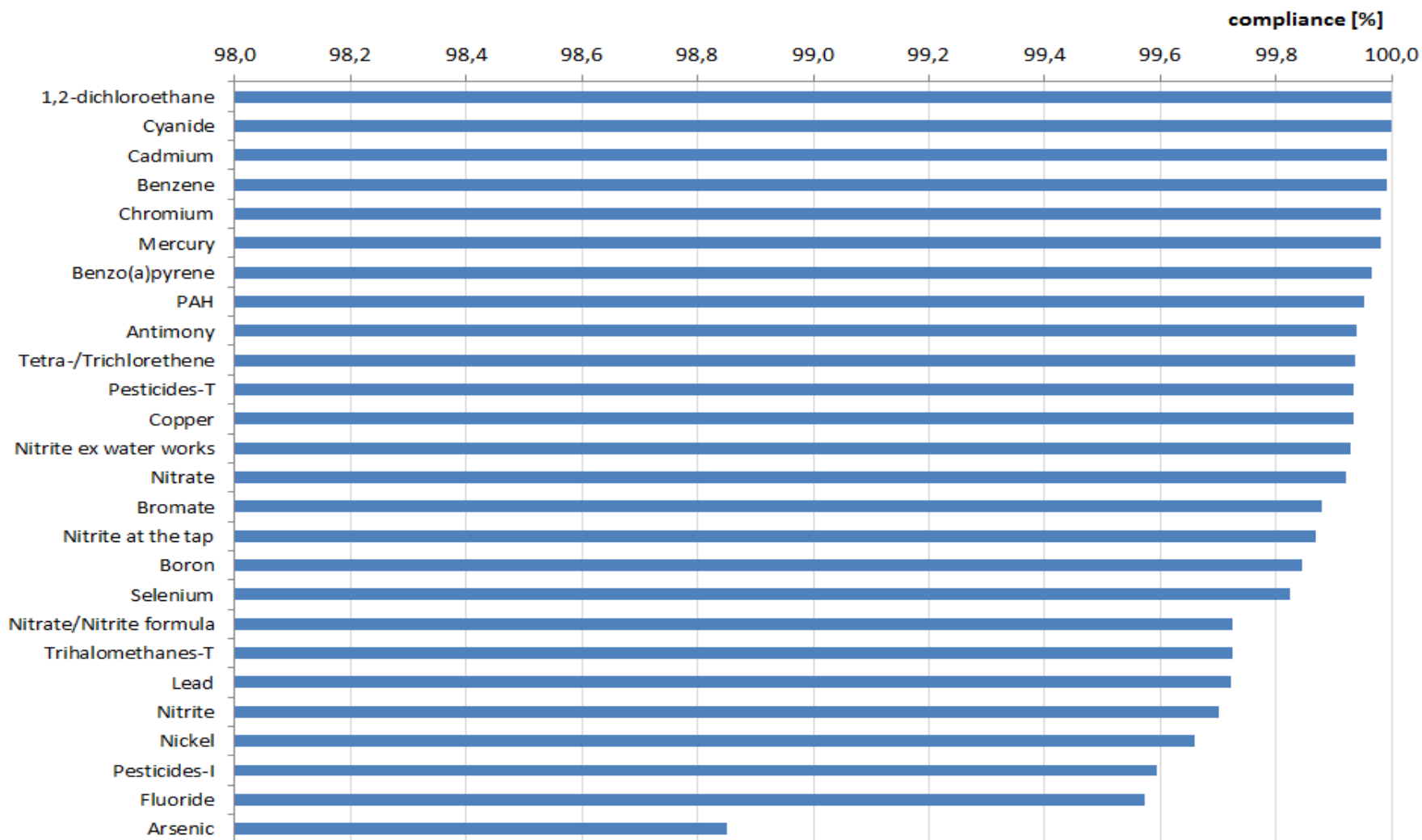


# Draft Results



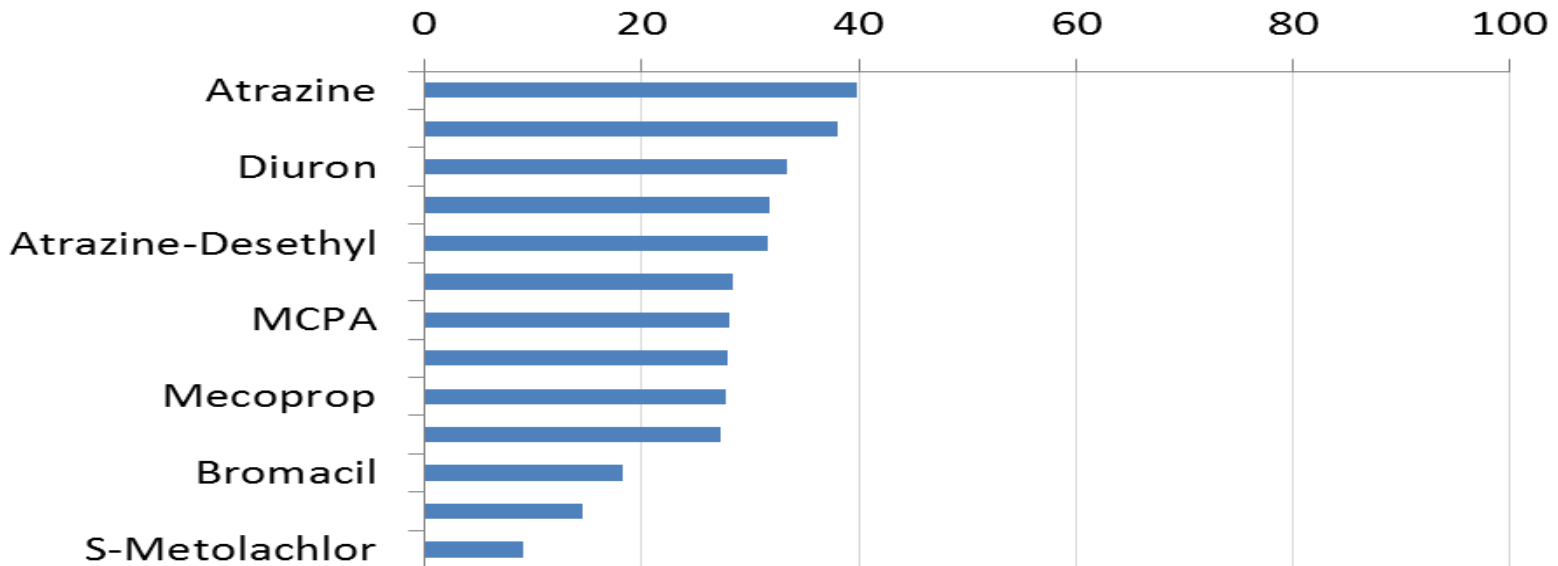
European  
Commission

## Compliance rates for the chemical parameters in the EU (2011-2013)



## Large WSZ monitored\* [%]

\*Only those pesticides which are likely to be present in a given supply need to be monitored

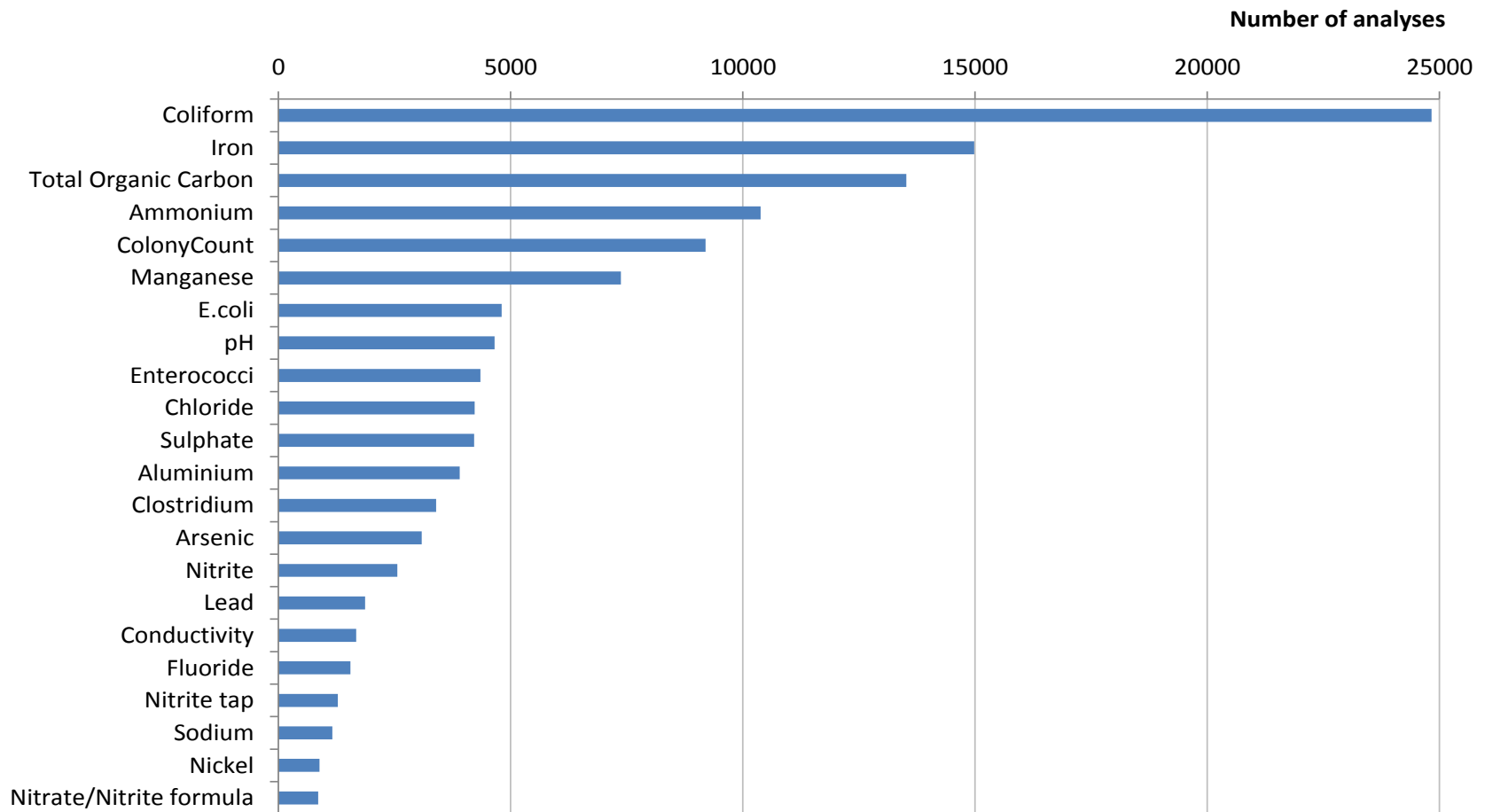


- Mean monitoring values: 27.4% -> monitoring approach does not allow a comprehensive EU assessment of pesticide contamination in drinking water
- Reported compliance rates consistently high (Pesticides total > 99.9%)
- Updated list of pesticides and metabolites of concern available

# Draft Results



Number of analyses with reported causes in case of exceedances for the parameters of the Drinking Water Directive in the EU (2011-2013).





- *2015: Inclusion of the DWD Evaluation in the Commission Work Programme*
- *New 'Better Regulation Guidelines'*
- *Evaluation Roadmap published in June 2015*  
[http://ec.europa.eu/smart-regulation/roadmaps/docs/2015\\_env\\_041\\_drinking\\_water\\_en.pdf](http://ec.europa.eu/smart-regulation/roadmaps/docs/2015_env_041_drinking_water_en.pdf)
- *Evaluation Study published in July 2016:*  
[www.safe2drink.eu](http://www.safe2drink.eu)
- Evaluation Staff Working Document under elaboration (Q4 2016)

# Draft Evaluation Findings

- *DWD: one of the tools relevant to ensure the quality of the water consumed in the EU.*
- *fulfills its basic purpose to enforce drinking water monitoring and its restoration in case of non-compliance*
- *Areas with room for improvement:*

## **1. parameters**

**2. risk-based approach**

**3. information to consumers**

**4. contact materials**

# Parameters

- *compliance with the DWD standards > 99%, but*
- *related quality standards and values could be partly not relevant anymore*
- *do not match emerging pressures, latest scientific knowledge and changing pollution pressure*
- *no clear link between DWD standards and health effects*
- *compliance data not decisive whether drinking water is really safe*

# Study Materials/Products in contact with Drinking Water



# Tasks EU Study Materials

- **Assessment of the situation – What is the problem?**
  - **Consider Preparation of EU "Product"-Legislation – Ecodesign MEERP (example sanitary tapware)**
  - **Product 'scope', EU Market analysis, appropriate materials/products and test methods**
- **Guidance for users, including households and plumbers**
- **Support "Inception Impact Assessment" (Roadmap): What is the issue and mapping of options**



*Simple, non-technical summary  
of the findings of Task 1*

*Limited to 20 to 30 text pages*

*Target audience = household  
level (priority to “plumbers”  
and “householders”)*

*A neutral approach (not  
favouring a specific material or  
product)*

*Advices or examples: issues for  
EU level (not too specific cases)*



Materials coming into contact  
with drinking water

At home

What to watch out for?

## **Task 3**

### **Political 6-7 page Summary**

- What is the issue?**
- Option mapping**
  - + rough identification of main impacts**

**Study to be finalised by end 2016**

# Evaluation



Retrospective



# Impact Assessment



Forward  
looking



## *Impact Assessment*

### ***1. What is the problem - and why it is a problem?***

*Presenting the main challenges currently faced by the EU DWD, and how these might evolve over time by 2030/2050 if no additional policy action is taken (the so-called baseline scenario)*

### ***2. Why should the EU act?***

### ***3. What should be achieved?***

***4. What are the proposed options to achieve the objectives?***

***5. What are the expected impacts of the proposed options?***

***6. How do the options compare?***

Main focus of policy options	Proposed options and sub-options	Contributing to....		
		Q1. Reducing health risk	Q2. Responding to citizens' demands	Q3 Being more cost-effective
Updating the list and limit values of parameters	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid blue; padding: 5px; width: 30%;">PO 1.1 – Updating parameters to scientific progress</div> <div style="border: 1px solid blue; padding: 5px; width: 30%;">PO 1.2 – Including new and emerging substances</div> <div style="border: 1px solid blue; padding: 5px; width: 30%;">PO 1.3 * Focusing on priority parameters only</div> </div>	XXXX	X	X
Promoting RBA and the establishment of WSP	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid green; padding: 5px; width: 45%;">PO 2.1 – Ensuring systematic application of RBA and WSP to large water suppliers</div> <div style="border: 1px solid green; padding: 5px; width: 45%;">PO 2.1 – Ensuring systematic application of RBA and WSP to all water suppliers</div> </div>	XXXX	X	XX
Harmonising standards for materials & products in contact with drinking water	PO 3 – Establishing an EU-wide process for standards harmonization	XX		XX
Ensuring SMART information to drinking water consumers	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid blue; padding: 5px; width: 30%;">PO 4.1 * Electronic reporting to the EC</div> <div style="border: 1px solid blue; padding: 5px; width: 30%;">PO 4.2 – SMART water quality information to consumers</div> <div style="border: 1px solid blue; padding: 5px; width: 30%;">PO 4.3 – SMART water management &amp; quality information to consumers</div> </div>	X	XXXX	X
Providing the right to safe drinking water to all	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid yellow; padding: 5px; width: 45%;">PO 5.1 – Connecting all inhabitants to PWS</div> <div style="border: 1px solid yellow; padding: 5px; width: 45%;">PO 5.2 – Providing safe drinking water to non-connected inhabitants</div> </div>	XXXX	XX	

# Impact Assessment Study

- *Analysis of possible impacts*
- *Review of assumptions*
- *Discuss, compare, and combine options and their impacts – i.e. benefits versus costs*
- *Preferred options/ option packages?*

# Next Steps: Impact Assessment

- **Finalise and publish IA study: Q4 2016**
- Draft Commission Impact Assessment Report - Staff Working Document (SWD)
- Pass Regulatory Scrutiny Board and consider its opinion
- SWD accompanies possible Commission Proposal

**Comments to:**

**[ENV-DRINKING-WATER@ec.europa.eu](mailto:ENV-DRINKING-WATER@ec.europa.eu)**

**Tobias Biermann**

**European Commission  
DG Environment  
Unit C.2 - Marine Environment  
and Water Industry  
1049 Brussels/Belgium**

**Phone: +32 2 29 62573**

**[tobias.biermann@ec.europa.eu](mailto:tobias.biermann@ec.europa.eu)**

**<http://ec.europa.eu/environment/water>**

