



# **Joint Workshop of the EURLs/NRLs (FV-SRM)**

**Almeria, 27-28/09/18**

## **Current activities of the European Commission in the area of pesticide residues**

**Stephanos Kirkagaslis**

*Health and  
Consumers*



- ✓ Organizational Overview
  - Residues Team
- ✓ Legislation work
  - MRL Setting and Review
  - Crops to which MRLs are applicable
  - EU Multi-Annual Control Programme (EU MACP)
- ✓ Control aspects
  - 2016 EU MACP/NCP Results
- ✓ Challenges
  - Cumulative Risk Assessment
  - Baby Food Report
  - Dithiocarbamates



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**DIRECTORATE E:  
Food and Feed Safety,  
Innovation**

**Unit E4: Pesticides  
and Biocides**

**Unit E4.001:  
Pesticide Residues**

**Unit E4.002:  
Pesticides – Placing  
on the market**

**Unit E4.003:  
Biocides**



**Standing Committee on  
Plants, Animals, Food  
and Feed – SECTION:  
Pesticide Residues**

**Standing Committee on  
Plants, Animals, Food  
and Feed – SECTION:  
Legislation**

**Standing Committee on  
Biocidal Products**

# The Residues Team



*Volker Wachtler*



*Roberto Manos*



*Christophe Didion*



*Almut Bitterhof*



*Marc Leguen de Lacroix*



*Stephanos Kirkagalis*



*Sofie Hofkens*



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## Regulation (EC) 396/2005

### MRL setting (art.6)

- 2017 : ca. 50 a.s. -

- ✓ Routine (art.10), including ITs
- ✓ Temporary MRLs (art.16)
- ✓ Revocation of authorization (art.17)
- ✓ CXLs implementation (art. 14(2))

### MRL Reviews (art.12)

- 2017 : ca. 20 a.s -

- EFSA reasoned opinions
- Consultation of EURLs on analytical aspects in draft reasoned opinion (LOQs – residue definitions - standards)
- LOQs are updated taking into account advice of EU RLs
- Footnote that standards should be made available



## Regulation (EC) 396/2005

### Work at International Level

- ✓ Participation in CCPR
- ✓ Participation in e-WGs, e.g. on the revision of the Guidelines on the use of mass spectrometry for the identification, confirmation and quantitative determination of residues (CXG 56-2005)

### Crops to which MRLs are applicable

- ✓ Update of Annex I, e.g. Regulation (EU) 2018/62 for *inter alia* **radish leaves**...

# Radish Leaves



## Regulation (EU) 2018/62



E.g Chlorpyrifos 0.05\*(243020) vs 0.2 (213080)->???

# Radish Leaves



## Regulation (EU) 2018/62



## Regulation (EU) 2018/1049

- Voted on 22 March 2018
- 4yrs transition for Kales MRLs to apply on Radish Leaves

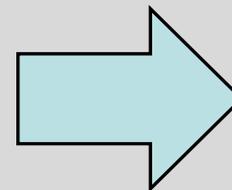


## Regulation (EC) 396/2005

### EU Multi-Annual Coordinated Programme (MACP) (art.29-33)

#### ➤ **EU MACP 2020-2021-2022**

- WG Meeting of Experts on Monitoring 12/10/2018
- Possible Re-Allocation of Sample number/country



Monitoring  
Regulation  
(02/2019)

#### ➤ **SANCO-12745-2013:** Working Document on pesticides to

be considered for inclusion in the national control

programmes (NCPs)

- Current Revision endorsed 11/2017
- Evaluation/Selection of Pesticides for Annex I,D of Monitoring Regulation



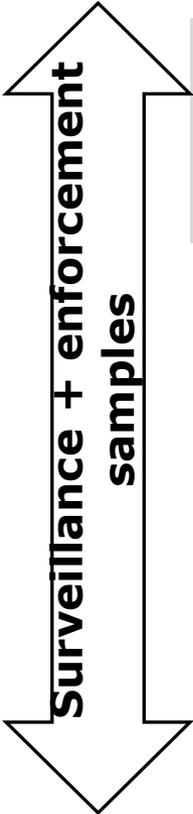
**Survey on Labs'  
capabilities**

Initiated  
19/09/2018



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## 2016 EFSA Report on Pesticide Residues (July 2018) (art.32)

- 
- Overall
    - 3.8% MRL exceedances (2015, 2.8%)
    - 2.2% non-compliant samples (2015, 1.6%)
  - MRL exceedances in Third Country samples
    - Third Countries: 4.7% (2015, 3.4%)
    - EEA-EFTA countries: 1.1% (2015, 0.9%)
  - Baby Foods: 1.9% (2015, 3.3%)
  - Organic Products: 0.8% (2015, 0.7%)
  - Multiple Residues: 30% (2015, 28%)

### Acute/Chronic Exposure Assessment:

Low risk for EU citizens



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## Cumulative Risk Assessment (1)

### ➤ **Legal basis – Regulation (EC) 396/2005**

*Recital (6): ...important [...] to develop a methodology to take into account cumulative and synergistic effects.*

*Art.14(2)(b): account shall be taken [...] their known cumulative and synergistic effects, when methods are available.*

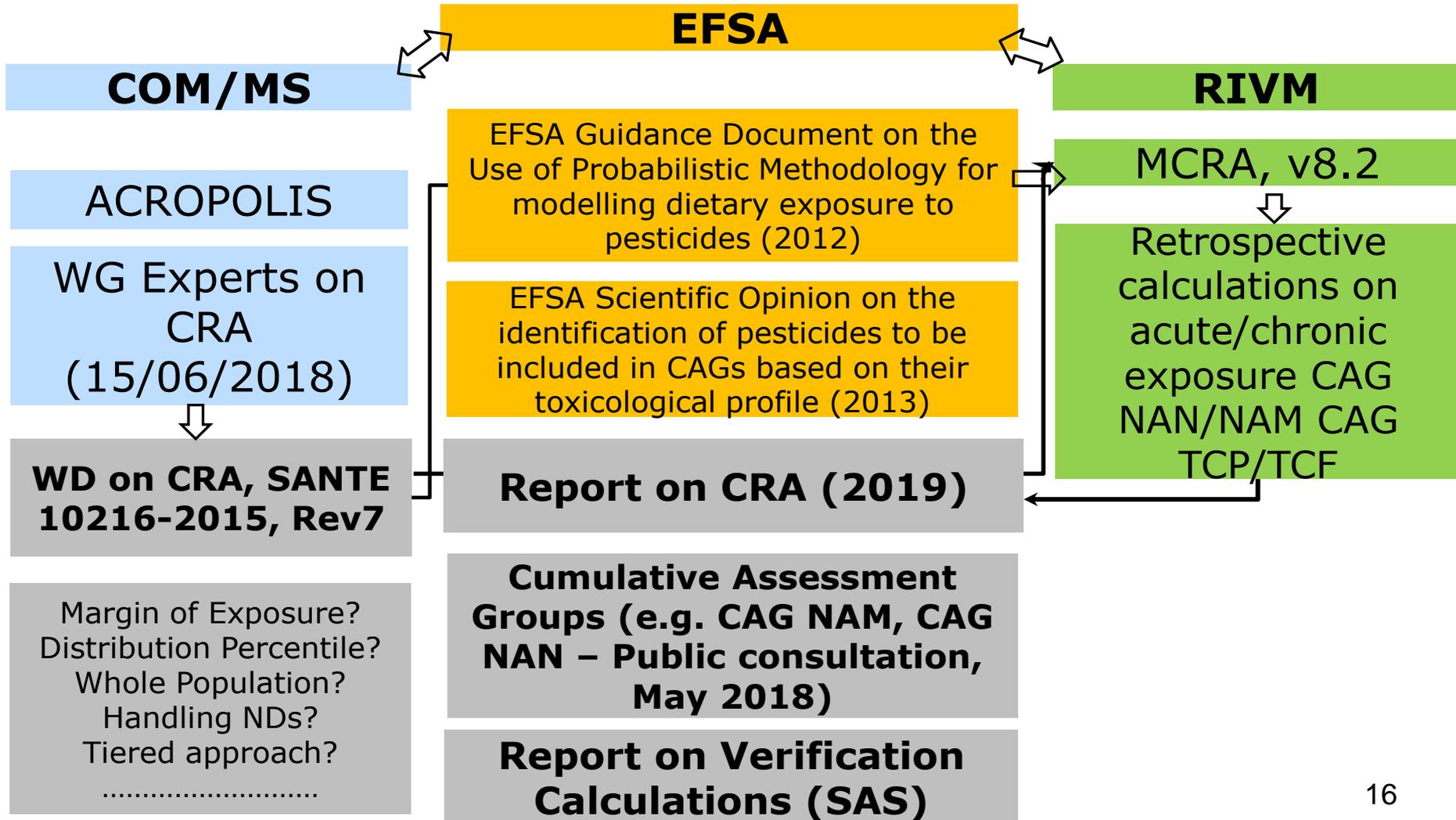
### ➤ **Legal basis – Regulation (EC) 1107/2009**

*Art.4(2)(a): Residues of PPPs shall not have any harmful effects on human health taking into account known cumulative and synergistic effects...*

# Challenges (1)



## Cumulative Risk Assessment (2)



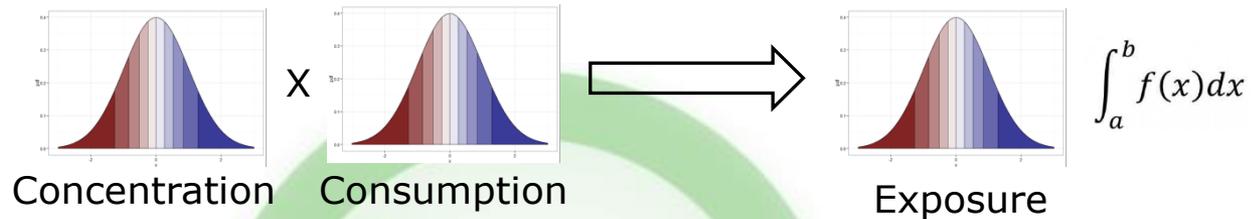
## Cumulative Risk Assessment (3)

➤ **Do Laboratory results impact CRA?**



## Cumulative Risk Assessment (3)

### ➤ Do Laboratory results impact CRA?



- ✓ Good quality monitoring data are crucial for post-authorisation exposure assessment and for assessing the background exposure for MRL setting.
- ✓ Need for further refinement of NDs → reporting Limits of Detection (vs LOQs)

### EFSA Opinion on Foods for Infants and Young Children (June 2018)



➤ For infants <16w.o., the default MRL is safe for pesticides with  $ADI > 0.0026 \text{mg/kgbw}$

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- ✓ Discussed in the September PAFF
  - ✓ 66 pesticides  $ADI < 0.0026 \text{mg/kgbw}$
  - ✓ Request to EURLs (LOQs)
  - ✓ Very Low Findings 2012-2016 (IF, 3 findings)

➤ MSs to comment

➤ Discussion during WG Monitoring

## Project on Dithiocarbamates



➤ EFSA Art.12 review on Dithiocarbamates (2019)

- ✓ Background CS2 levels
  - ✓ Collection of organic samples (prioritised crops)
  - ✓ 59 samples per crop (as diverse as possible)
  - ✓ EURL-SRM → PestiPedia
  - ✓ MSs to declare contact points for data entry (intention and existing): Authorities, CBs, etc.
- 

➤ Only 3 countries (DE,PT,GR) (06/2018)



European  
Commission



**THANK YOU**

# Questions

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