

Session 5 – Southern zone

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- 1. SMS SC**
- 2. Assessment of greenhouse applications**
- 3. Challenges**

SMS STERRING COMMITTEE

Southern Member States Steering Committee



- **2021 Chair FR; CoChair ES (FR-ES-HR-EL-CY-PT-BG-IT-MT)**
- **2020: 3 TC y 1 TC with the industry – Minutes and Q&A Public - CIRCABC**
- **Applications Art 33 / Art 34 : Draft document prepared by EL under discussion**
- **Greenhouse use/walk-in tunnels:** Agreement for Efficacy; Residues; Fate & Ecotox. OPEX still under discussion
- **VFS model: RMM** fun off. “FOCUS LANDSCAPE” shall be used in the core dossier for proposal of RMM. Applicant can include as a refinement calculations with VFS. All input / output data should be provided for the evaluation. The acceptance of RMM calculated with VFS is a competence of each MS.

UNDER DISCUSSION IN THE IZSC

Assessment of PPP for use under protected conditions (greenhouses)



Regulation (EC) 1107/2009

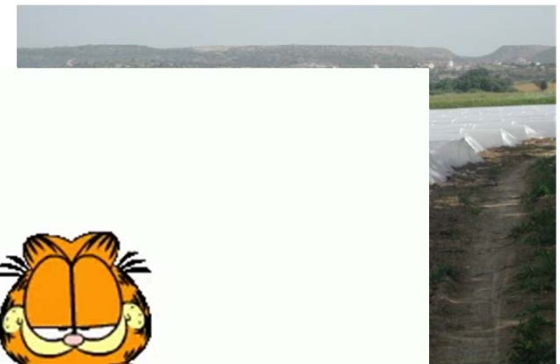
Article 3 point 27:

A 'greenhouse' means a walk-in, static, closed place of crops production with a usually translucent outer shell, which allows controlled exchange of material and energy with the surroundings and prevents release of plant protection products (PPPs) into the environment.

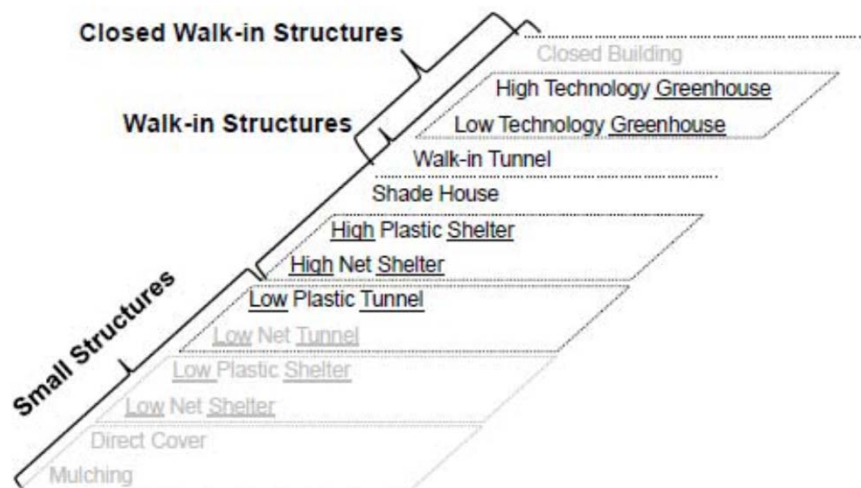
- Applications for greenhouse uses: One EU Zone; One ZRMS
- Interzonal evaluation

Types of protected structures

Does the definition in the Regulation 1107/2009 cover all types of protected structures?



EFSA Guidance Document on clustering and ranking of emissions of active substances of plant protection products and transformation products of these active substances from protected crops (greenhouses and crops grown under cover) to relevant environmental compartments (EFSA Journal 2014; 12(3): 3615)



- Soil Receptor
- Surface Water Receptor
- Ground Water Receptor
- Air Receptor



Classification of scenarios of use and their correspondence with the clustering and ranking of emissions established by the aforementioned guide.

Work done in Southern Zone

- **Coordinated by Spain in collaboration with AEPLA**
- **Starting point proposal for Spain**
- **Grouping of different types of structures according the EFSA guidance**
- **Proposal of risk assessment for each section:**
 - **Efficacy & Residues**
 - **OPEX/Worker/Bystander/Resident**
 - **Soil**
 - **Surface Water**
 - **Ground Water**
 - **Air**
 - **Birds and Mammals**
 - **Aquatic**
 - **Bees & NTA**
 - **Soil Organisms**
 - **NT Plants**

Work done in Southern Zone

- August 2018: ES received the proposal from AEPLA
- October 2018: ES distributed to SMS asking for comments
- March-July 2019: Reception of comments
- ES / AEPLA has answered the comments and modified the matrix table
- October 2019: 2nd Version presented in the Face to Face meeting of SMS SC (Oct 2019 – Rome)
- 2020 Agreement on Efficay; Residues; Fate & Ecotox. Was sent to IZSC
- OPEX is pending

Work done in Southern Zone

1. Closed building and warehouse

2. Greenhouse

2.1 High technology

2.2 Mediterranean

3. Walk-in tunnel

4. Field and open protective structures

4.1 Plastic/net cover, anti-hail shelter and shade house

4.2 Micro-tunnel (plastic/net) and thermal blanket

4.3 Field

Accesibility

Temporary

Permeable Cover

Soil Permeable

Growing Media

Soil bound

Soil Less

A methodology is proposed to be followed for risk assessment in each type of structure in each of the areas:

Efficacy / OPEX / Residues / Fate / Ecotox

Future Steps

- Improvement of document of structures definition in SMS and correlation with categories
- Complete Proposal of OPEX evaluation
- Improvement of drift percentage (Default value 50%)
- GW & SW models and scenario for PEC calculation

Future Steps

- To Agree at IZSC how to proceed with greenhouse applications. Risk assessment shall cover all types of structures
 - Interzonal DRR - Closed buildings / high technology
 - Zonal DRR - Other structures / field

CHALLENGES



AGRICULTURE IN EUROPEAN UNION



- ✓ Agriculture in the EU-28 gross domestic product (GDP) is just 1,5 %
- ✓ Agriculture is the principal source of income for around 20% of its population
- ✓ Agriculture labour productivity from 2006 to 2016 shows increases of 28.0 %
- ✓ Agricultural and food sector accounts for 15 million jobs (8.3% of total employment) and 4.4% of GDP

AGRICULTURE IN SMS

- ✓ Agriculture in SMS is more diversified than in other EU zones. Great diversity of crops
- ✓ Great diversity of pest diseases and weeds.
- ✓ Agriculture is an important sector for the economy, for the rural development of progressively abandoned regions and for the maintenance of complex ecosystems.
- ✓ Sustainable Agriculture in SMS is demanding **Plant Protection Measures**, including Plant Protection Products
- ✓ High number of authorizations and uses

CHALLENGES



17 SDG: Goal 2: Zero Hunger To end hunger, achieve food security and improved nutrition and promote sustainable agriculture

- ✓ Agricultural sector have been essential in the pandemic crisis. Measures are needed to ensure that food supply chains are kept alive
- ✓ **Green Deal & “FARM TO FORK” STRATEGY**
- ✓ Scientific knowledge that represent the real use of the PPP and to incorporate in the risk assessment. Decisions based on scientific opinions
 - ✓ Agriculture 4.0 (teledetection; drones; precision farming...)
 - ✓ Risk mitigation measures
 - ✓ Greenhouses
 - ✓ Minor crops - biodiversity
 - ✓ Low risk PPP
 - ✓ Incorporate IPM in the assessment of a.s. and PPP
 - ✓ **Zonal SMS Secretariat - Resources**



**THANK YOU FOR YOUR
ATTENTION**