

Session 2

Definition of a common risk assessment procedure for Pesticide Application Equipment (PAE) to be exempted from the inspection

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Session 2 – Article 8/3 of the SUD

1. Brief reminder – Article 8/3

SPISE 3 – 2009 - Brno

1. Article 8/3 is very important regarding the large scope of the SUD
2. Only a few standardized inspection protocols were available (boom and orchard/vineyard sprayers)
3. Standardization is a (very) long process
4. Deadlines (2016) are very short

→ **SPISE community decided to work on these issues:**

Risk assessment and Scale of use





























Session 2 – Article 8/3 of the SUD

1. Brief reminder – Article 8/3

SPISE 4 – 2012 - Lana

1. Concept of Risk Assessment has been clarified (Huyghebaert and Bjugstad, 2012)
2. First approach of RA for Human Health and the Environment related to the PAE has been proposed (Ganzelmeier, 2012)
3. First classification of the PAE covered by the SUD has been proposed (Ganzelmeier and Gil, 2012)

Pesticide application equipment in professional use – Classification scheme

<p>1) Pesticide Appl. Equipment (PAE)</p>					
<p>2) used for spraying incl. fogging</p>					
<p>3) & hand-operated PAE</p>					
<p>4) PAE not used for spraying pesticide</p>					
<p>5) PAE handheld &</p>	<p>Different timetables, intervals, very low scale; acc. Article 3(a)</p>				
<p>6) knapsack sprayers</p>		<p>Exempt from Inspection /3(b)</p>			
<p>7) Additional PAE (boom < 3m)</p>					
<p>8) Additional PAE: (train, aircraft, boom >3m)</p>		<p>No low scale/3(a)</p>			

Session 2 – Article 8/3 of the SUD

1. Brief reminder – Article 8/3

SPISE 5 – 2014 - Montpellier

1. Report of the National Action Plan (NAP) and the taking into account of the Risk Assessment (Huyghebaert and Bjugstad, 2014)
2. Common Risk Assessment procedure base on the Zürich-methodology has been proposed (Wegener, 2014)

→ **SPISE community decided to develop a SPISE Advice**

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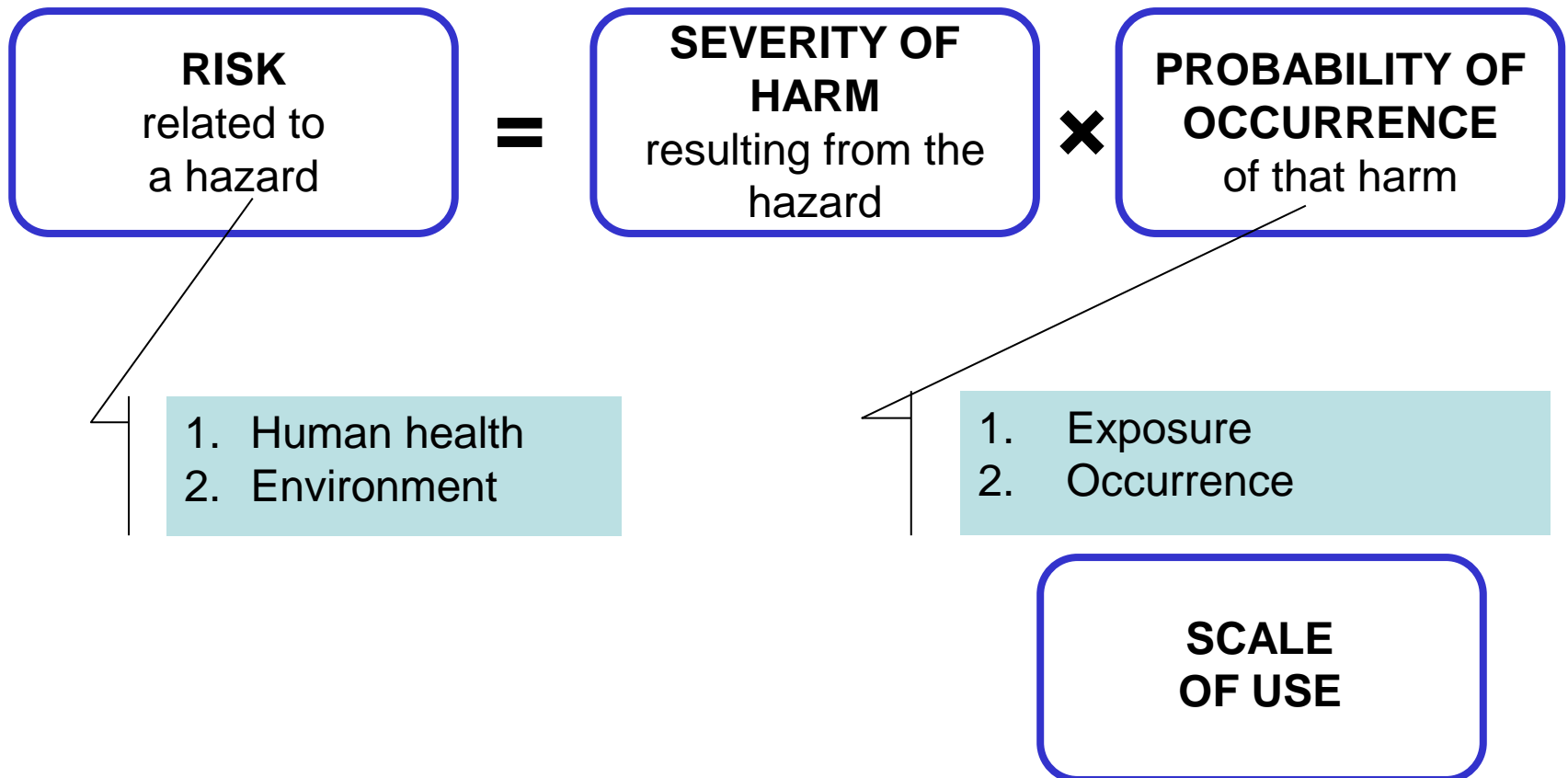
2. Current state – Article 8/3

SPISE 6 – 2016 - Barcelona

1. International enquiry has been realized in 2015 throughout the SPISE community (ILVO and CRA-w, BE)
2. Belgian project SIRA-APESTICON 2015-2016 (consortium ILVO and CRA-w) is developing and validating a Risk Assessment protocol according to the SUD
3. SPISE advice on a Common Risk Assessment (Analysis?) procedure is almost finalized and soon available (Wegener, 2016)

Session 2 – Article 8/3 of the SUD

3. Risk Analysis - reminder



START

Session 2 – Article 8/3 of the SUD

3. Risk Assessment - reminder

Determination of the limits
of the machinery

Risk assessment

Hazards identification

Risk analysis

Risk estimation

INSPECTION

Risk evaluation

Risk
reduction ?

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4. Common Risk Assessment procedure

1. Common procedure is important even the results of the Risk Assessment will be different according to the MS singularities
2. Risk Assessment procedure would be the basic tool:
 - a) To determine possible derogation to the SUD
 - b) To validate existing inspection protocol (EN 16122 series)
 - c) To develop adequate new inspection protocol

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5. Session 2 presentations

1. J. K. Wegener: Suggestion for an European approach for risk assessment for Pesticides from inspection according to
2. M. Stas: The Belgian approach to the development of a risk assessment
3. D. Nuyttens: Inventory of practical approaches

Original approach to develop a **Risk Analysis**:

- Based on Zürich methodology
- Applicable on EU level by each MS

Original approach to develop a **Risk Assessment**:

Original approach to determine the **Scale of use**:

- Developed for Belgium but extendable to other EU MS
- Improvement of the SPISE Advice