

WG2 Farm-level: controls + risk categorization

leader:

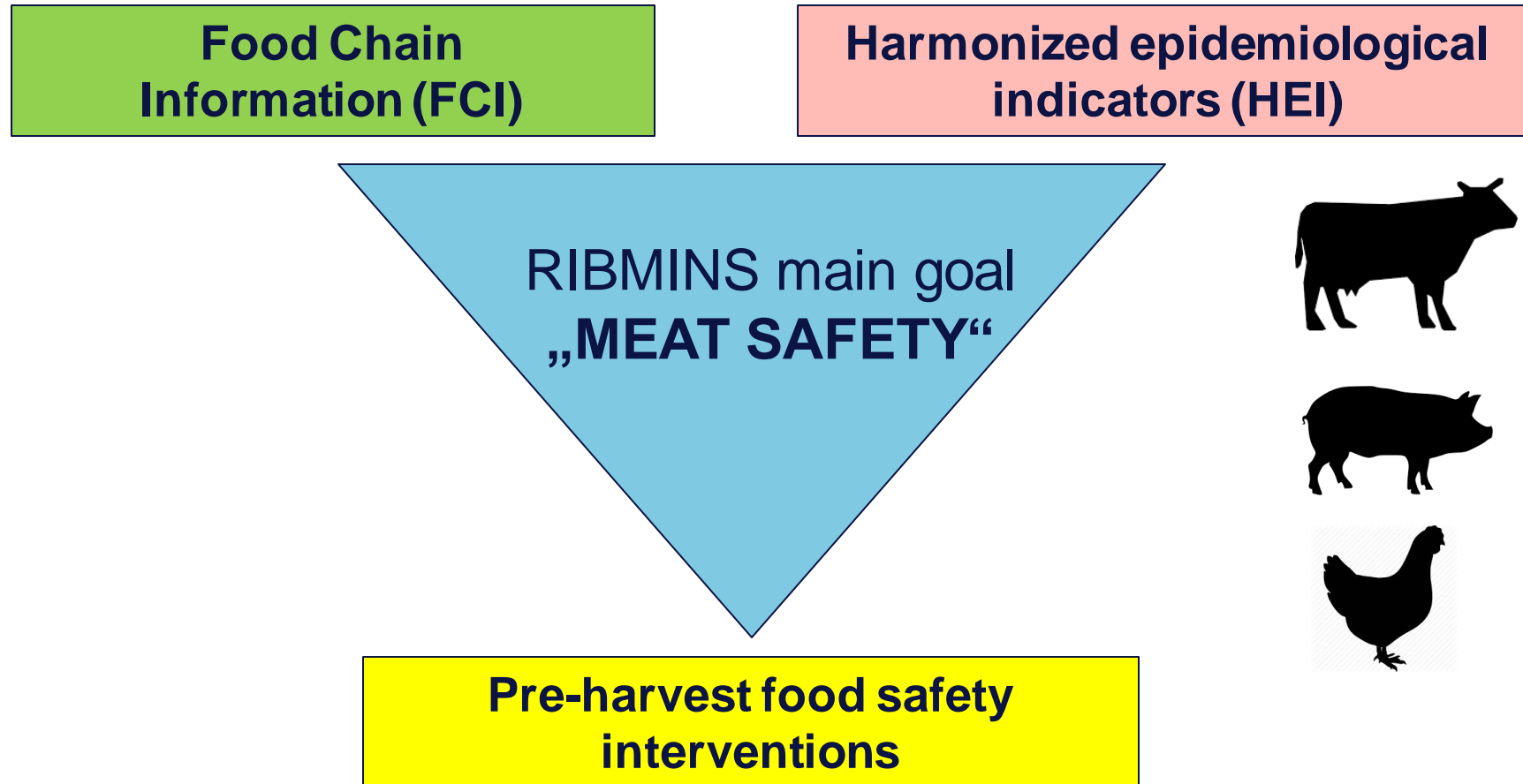
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WG2 Systematic Literature Review: Pre-harvest food-safety interventions

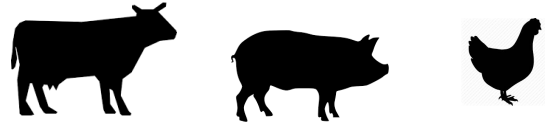


Maria Costa



Joana Pessoa

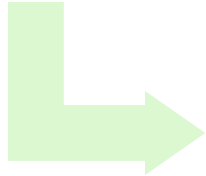
Population



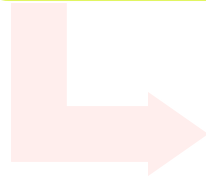
Pathogen



reports on public health hazards to be covered by inspection of meat (2011, 2012, 2013)



Pre-harvest



Intervention

Field/experimental studies that control/reduce/eradicate <pathogen> in <target population>

Systematic Literature Review:

progress on work

	Broilers	Pigs	Bovine
Number of records identified through database searching	2378	1261	2326
Articles published between 2015-2020	874	-	-
Records screened including complete duplicate removal	815	1120	in progress
Full-text articles assessed for eligibility	86	84	in progress
Full-text articles included in qualitative synthesis	50	in progress	in progress

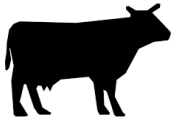
1st priority: Broilers, invited review for the *J Current Clinical Microbiology Reports*, 3/11/2020



Smaragda Sotiraki

Status-quo of FCI & HEIs

- content & application of FCI and HEIs are NOT standardized in the EU
- potential of FCI/ HEIs is NOT exploited



➤ FCI/HEIs do NOT completely fulfil the intended benefit



Joint questionnaire

- determination of the status-quo in the EU and other countries
- development of improvements regarding the content and the application of FCI/HEI
- distribution via „National Contact Points“ to official vets and food business operators



➤ aim: appropriate picture from all „RIBMINS countries“ & innovations

Status-quo

Mortality data - indicator for animal health status &
- component of production data

Do you receive the mortality rate data representing the fattening period?

- Yes
- No

Innovation

What is the optimal critical threshold associated with visible lesions?

- <1%
- <2%
- >5%
- Other, please specify: _____

Status-quo

Treatment data: - indicator for animal health status &
- component of production data

Do you receive data regarding the treatments with a withdrawal period during the fattening period (i.e. treatments with veterinary products with a withdrawal period >0 days)?

- Yes
- No

Innovation

If yes, what is the relevant time before slaughter for the documentation obligation?

- 0 days
- 7 days
- 21 days
- 60 days
- entire fattening period
- Other, please specify: _____

Consequences

What are the consequences of knowledge of the following: (please select all applicable)

Mortality data

- Preselection of herds before slaughter
- Logistic slaughter
- Reduce of line speed
- Intensification of meat inspection – more personnel
- Intensification of meat inspection – additional tests
- Channelling of the processed products (i.e. not used for minced meat)
- Residue testing
- Raising awareness
- Other, please specify: _____
- None

Treatment data

- Preselection of herds before slaughter
- Logistic slaughter
- Reduce of line speed
- Intensification of meat inspection – more personnel
- Intensification of meat inspection – additional tests
- Channelling of the processed products (i.e. not used for minced meat)
- Residue testing
- Raising awareness
- Other, please specify: _____
- None

Target outcome

Meaningful feedback & effective incentives

Effective pre-harvest interventions



WG3: Effective post-harvest interventions



Meat Safety

Effective meat inspection

Meaningful FCIs

Meaningful HEIs