

## WG2 – Meeting Minutes

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TOPICS TO DISCUSSED introduced by WG2 Leader: *Stephan van den Broucke*:

WG 2 Goals and discussions

Progress from the previous meeting

Timeline for the next meeting – September 2018, Norway

### Participants to the meeting:

Alain Garrigou

Natasha Janen Holler

Ole Carstensen (DE) - STSM HOST

Dejan Bugarski

Diana Dulf

Jose Manuel Rato Nunes

Janne Karttunen

Jarkko Leppala (FI) STSM HOST

Sare Asli

Rahman Nuzkovic

John Mcnamara

Stephan Van Den Broucke (BE) –

Ramona Suharoschi

STSM HOST

### WG2 Goals and discussions:

1. Systematic Review on safety culture
2. Article on zoonosis [smaller group including: Serbia, Croatia, Macedonia due to their countries similarities]
3. Interest towards Interventions to change the behavior
4. Development of the survey tool that should have the following preparatory work:

- 4.1. Identifying and using existing tools; collect existing surveys and tools;
- 4.2. Use evidence from other sectors [other occupational sectors] that can support the survey development.

## Systematic Review on safety culture

The discussion was started by Stephan on the results we have so far on this activity and a short overview of the discussions from the previous meetings.

The review will offer an *overview of factors* that can be followed when developing and implementing *the survey*.

A preliminary review was performed by Jarkko who has used the following key words:

- search 1: farm, safety, and culture used as key words;
- search 2: agriculture, safety, and culture;

*Web of science* was used for these #2 searches; Jarkko has presented some preliminary findings in terms of articles retrieved; and some of the searching criteria were shared with the group:

- search the key words in the title/abstract or anywhere in the text;
- include scientific articles/books/reports/conference proceedings;
- include articles published in the last 20 years;
- use PRISMA Criteria;
- **still need to decide:** the geographical region that we want to cover with the review; if we will have few people for the task of reviewing or a bigger group will conduct the review; inclusion and exclusion criteria will be circulated for review from the WG2 as part of the protocol for review;

**Additionally, the group has decided to include more search engines:**

Google scholar [many hits, but let useful]; scopus; pubmed; web of science;

Stephan and Jarkko will work in the next following weeks in finalizing the protocol for how the review should be conducted and the protocol will be circulated for review from WG2 members; the decision is to not publish the protocol for the review. Additionally, WG2 members can provide ideas/feedback on how the search criteria should look like. These can be sent in advance.

The following strategies were discussed in previous meetings and were discussed during our meeting as well:

- Follow the Cochrane guidelines for the review; good for quality but it might be very hard to meet the requirements – we should build in some flexibility;

The main issues with the review activity that still exists:

Issue 1: Communication of documents – how documents should be shared and how WG2 members can collaborate in documents?! Dropbox can be one solution, and by email for countries whose IT will not allow to use Dropbox as shared space. After the website will be finalized, there might be a way of using a shared space on the website to share and work collaborative on documents.

Issue 2: Workforce?! – to carry out a review of the literature takes time;

We need someone on board to conduct the review; try to include a PhD student to conduct the review; what are the possibilities to actually conduct the review?!

Other ideas discussed for the reviews:

- To have #1 paper review on applications of farming and farm health; #2 benefit from similar work from outside the farming field;
- Members of the group are interested in risk factors, different risk factors and link to safety culture; this was discussed and proposed by the FR partner; factors that impact the behavior – knowledge, attitudes, behaviors, priorities for health and risk management – impact on safety culture; safety behavior comparison to risks? Topics

like back pain?! Pesticide? Were discussed, but this are details than can be followed additionally not necessarily as part of the review.

- Proposal: to include national papers as well, but it will be hard to integrate; a lot of translation work as well;

**The following solutions will be tested in the next months to address the issues above:**

- Work with PhD Students during STSM using the protocol for review that will be developed;
- Countries who have offered to host STSM: DE, BE, FI, US. DE has experience and mentors for reviews conducted on safety culture in accident prevention;
- Countries who have offered to select PhD Students: Romania [next weeks]
- The STSM should be at least 5 days and maximum of 3 months – we will try to promote the STSM for 2 weeks – 1 month would be more feasible for this work;
- Try to have some results by the meeting in September in Norway.

Next steps:

#1 Finalize and circulate the review protocol;

#2 Collect search criteria/ideas from partners;

#3 Prepare for 1 or 2 STSM to work on the review/search; decide who will be the host institution and select the PhD Students/early career researchers for the STSM;

**1. Article on zoonosis [smaller group including: Serbia, Croatia, Macedonia due to their countries similarities]**

Article on Zoonosis was proposed in the Antalya, Turkey Meeting. Natacha, Diana from Serbia have proposed to have this article for their region/regional article: Croatia, Serbia, Bosnia, Macedonia. Could this article be used to feed in information for the review?!

No specific timeline was discussed for the zoonosis article.

## Interest towards Interventions to change the behavior

Topic that will be discussed more in-depth during next meetings; it was mentioned during the meeting and will be part of the WG2 work in the following years;

## Survey

The activity of survey development is planned after the next meeting, September 2018. The plan is to have the survey rolled out in as many countries as possible. Look into the grey literature and search for tools that have been used in the context of farm safety or other occupational fields to prepare a survey tool and a protocol for survey implementation. What are the existing tools and surveys that we can use to guide our work? Can we collect this tools from the group? It was proposed to have a discussion on existing survey tools at the next meeting and use them to document the survey that will be developed as part of WG2 work.

## Following steps and implications for partners

- Suggestions for STSM PhD Students or early career researchers;
- Feedback from WG2 members will be needed for the protocol of review;
- Any ideas on the review search criteria to be shared with the group; *a list of key words* will be disseminated to the WG2 members for review/feedback;
- Share knowledge on existing tools that can be used to document/develop the survey; ideas from other industries that might have done better/previous work and can we use that for agricultural field?
- Keep the last #2 issues separately – 1 review vs. learnings from other fields – this was decided by the group;

- Other topics discussed:
- Organizing public events when COST Action Meetings take place; use these public meetings to disseminate the Action's activities and research; one public event will be organized in Norway, and having something similar during the Meeting in Milan was discussed as well. Topics to be presented during these public events: present the preliminary results; results of STSM; preliminary results of the review can be an option as well;