

AMU UNIT**AMU Unit****Minutes of the 7th meeting of the Working Group on Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population****Held on 01 04 2014****(Agreed on 07 04 2014)****Participants**

- **Working Group Experts:**
 - Simon Gubbins, Thomas Balenghien, Matthew Baylis, Anthony Wilson and Richard Elliott
- **Hearing Experts:**
 - Brigitte Cay and Claire Ponsart
- **EFSA:**
 - AMU Unit: Andrea Baù, Anna Zuliani, and José Cortiñas Abrahantes
 - ALPHA Unit: Franck Berthe
 - EXO Unit: Ana Afonso

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Antoine Poskin and Stéphan Zientara.

2. Adoption of agenda

#	Items
1.	Welcome and administrative issues
2.	Final Report: Revision of each section and elaboration of final draft
3.	Pending Research
4.	Discussion on SBV future and open question
5.	Next meeting and deadlines
6.	AOB

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Agreement of the minutes of the 6th Working Group meeting held on 17 02 2014, Parma.

The minutes were agreed by written procedure on 24 02 2014 and published on the EFSA website 25 02 2014.

5. Scientific topic for discussion

5.1 Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population ([EFSA-Q-2012-00824](#))

All contributed sections were discussed during the working group meeting. Additions and updates were implemented during the meeting and a final document was prepared. The final version will be revised to include the latest research results contained in the the Technical and Scientific report concerning EC cofounded projects on SBV. The final report containing new research result will be circulated for final revision regarding those sections for which new information is available.

6. Next meeting(s)

No new meetings are planned.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

AMU UNIT**AMU Unit****Minutes of the 6th meeting of the Working Group on Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population****WEB-conference, 17 02 2014****(Agreed on 24 02 2014)****Participants**

- **Working Group Experts:**
 - Simon Gubbins, Matthew Baylis, Anthony Wilson and Richard Elliott have participated via web-conference
- **Hearing Experts:**
 - Brigitte Cay and Claire Ponsart have participated via web-conference
- **EFSA:**
 - AMU Unit: Andrea Baù, Anna Zuliani, Jane Richardson, and José Cortiñas Abrahantes

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Thomas Balenghien; Antoine Poskin and Stéphan Zientara.

2. Adoption of agenda

#	Items
1.	Welcome and administrative issues
2.	Final Report: Revision of each section and elaboration of final draft
3.	Pending Research
4.	Discussion on SBV future and open question
5.	Next meeting and deadlines
6.	AOB

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Agreement of the minutes of the 5th Working Group meeting held on 05-06 11 2013, Parma.

The minutes were agreed by written procedure on 13 11 2013 and published on the EFSA website 15 11 2013.

5. Scientific topic for discussion

5.1 Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population ([EFSA-Q-2012-00824](#))

Research Lines and Content of Final Mandate Scientific Report:

All contributed sections were discussed during the working group meeting. Additions and updates were proposed for sections on gestation susceptible periods, vertical transmission, transmission via semen, mechanisms of overwintering, seroprevalence studies and on the geographical and temporal spread of SBV. The final availability of the pending research outcome was discussed as well as SBV future research paths (i.e. study on transmission via insemination of contaminated semen).

The sections previously mentioned will be amended and revision of each section with view on the elaboration of the final report was discussed and agreed. Tasks were distributed among the WG experts to address the issues discussed during the meeting.

7. Next meeting(s)

Physical meetings planned in Parma in the second part of March 2014. A doodle will be launched to find the most appropriate date. Official meeting invitation will be sent.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

SAS UNIT**SAS Unit****Minutes of the 5th meeting of the Working Group on Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population****Held on 05-06 11 2013, Parma****(Agreed on 13 11 2013)****Participants**

- **Working Group Experts:**
 - Simon Gubbins, Anthony Wilson, Thomas Balenghien, and Richard Elliott
- **Hearing Experts:**
 - Brigitte Cay and Claire Ponsart
- **EFSA:**
 - AMU Unit: Andrea Baù and José Cortiñas Abrahantes
 - AHAW Unit: Ana Afonso

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Antoine Poskin, Stéphan Zientara and Matthew Baylis.

2. Adoption of agenda

#	Items
1.	Welcome and administrative issues
2.	Final Report: Revision of each section and elaboration of final draft
3.	Pending Research
4.	Discussion on SBV future and open question
5.	Next meeting and deadlines
6.	AOB

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Agreement of the minutes of the 4th Working Group meeting held on WEB-conference, 13 09 2013

The minutes were agreed by written procedure on 20 09 2013 and published on the EFSA website 20 09 2013.

5. Scientific topic for discussion

5.1 Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population ([EFSA-Q-2012-00824](#))

All contributed sections were discussed during the working group, proposing modifications and additions to ensure that the message given is clear and scientifically based. The section on route of transmission was extensively discussed, in specific the one related to transmission via Semen. Also experiments that are being conducted on susceptible period during pregnancy within the section on Pathogenesis were discussed. It was as well discussed the need to expand the section on SBV spread to make sure that it is stated the influence of factors such as lambing and synchronization, as well as the fact that other factors (reporting based on clinical signs, not compulsory reporting, etc.) could be influencing the spread pattern observed. The section on impact was reviewed, providing comments and other potential sources of information that could be useful to evaluate SBV impact.

6. Any Other Business

None

7. Next meeting(s)

Physical meeting planned in Parma for next year to finalize the report. Information regarding experimental results on insemination in cattle is needed in order to program the next meeting to discuss results and section on transmission routes. A doodle will be launched to find the most appropriate date. Official meeting invitation will be sent.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

SAS UNIT**SAS Unit****Minutes of the 4th meeting of the Working Group on Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population****WEB-conference, 13 09 2013****(Agreed on 20 06 2013)****Participants**

- **Working Group Experts:**
 - Simon Gubbins, Matthew Baylis, Anthony Wilson, Thomas Balenghien, Richard Elliott, and Stéphan Zientara
- **EFSA:**
 - AMU Unit: Andrea Baù and José Cortiñas Abrahantes
 - AHAW Unit: Ana Afonso

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

#	Items
1.	Welcome and administrative issues
2.	Update on SBV situation based on EPI Meeting
3.	Research Lines and Content of Final Report
4.	List of Tasks
5.	Next meeting and deadlines
6.	AOB

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Agreement of the minutes of the 3rd Working Group meeting held on WEB-conference, 11 06 2013

The minutes were agreed by written procedure on 18 06 2013 and published on the EFSA website 20 06 2013.

5. Scientific topic for discussion

5.1 Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population ([EFSA-Q-2012-00824](#))

Update on SBV situation based on EPI Meeting: The progress on article for the special issue was presented by AA, highlighting relevant article for the final report and the state of the different research projects.

Research Lines and Content of Final Mandate Scientific Report: The final structure of the scientific report and task distribution was discussed and a consensus was reach on the report structure.

The report deadline was discussed, as well as the purpose of the different sections in the scientific report and its content.

List of Tasks: Deadline December

Tasks were distributed to address the issues discussed during the meeting.

6. Any Other Business

None

7. Next meeting(s)

Physical meetings planned in Parma in the month of November. A doodle will be launched to find the most appropriate date. Official meeting invitation will be sent.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

SAS UNIT**SAS Unit****Minutes of the 3rd meeting of the Working Group on Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population****WEB-conference, 11 06 2013****(Agreed on 18 06 2013)****Participants**

- **Working Group Experts:**
 - Simon Gubbins, Matthew Baylis and Anthony Wilson
- **EFSA:**
 - AMU Unit: Jane Richardson, José Cortiñas Abrahantes

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

#	Items
1.	Welcome and administrative issues
2.	Update on SBV situation based on reported data
3.	Research Lines: Modelling Paper for the special issue August 2013
4.	Discussion on impact assessment and further steps: Decemeber 2013 scientific report
5.	Next meeting and deadlines
6.	AOB

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Agreement of the minutes of the 2nd Working Group meeting held on 04 02 2013, Brussels.

The minutes were agreed by written procedure on 04 02 2013 and published on the EFSA website 10 02 2013.

5. Scientific topic for discussion

5.1 Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population ([EFSA-Q-2012-00824](#))

Special Issue on SBV: Deadline fixed for the end of August

Modelling Paper for the Special Issue: The structure of the paper was discussed and a consensus of structuring in three main sections, including within farm transmission, national scale transmission and continental or larger area transmission.

Mandate Scientific Report: Deadline December

The group discussed the options to model the impact of animal movements and vectors on the spread of SBV. Two other routes of transmission would be examined in a qualitative way via semen and wildlife reservoirs. Transmission in semen is an important trade issue; the results of the ongoing EU funded research will be included in the report. The possibility to quantify the risk of introduction was discussed. It was also discussed the detection of SBV in wild life.

6. Any Other Business

None

7. Next meeting(s)

Physical meetings planned in Parma in the beginning of September and at the end of November meeting requests to be sent. Week of Nov 18 should be avoided.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

SAS UNIT

SAS Unit

Minutes of the 2nd meeting of the Working Group on Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population

Held on 04 February 2013, Brussels

(Agreed on 04 02 2013)

Participants

- **Working Group Experts:**
 - Simon Gubbins, Matthew Baylis, Anthony Wilson, Richard Elliott and Stephan Zientara
- **EFSA:**
 - AMU Unit: Jane Richardson, José Cortiñas Abrahantes and Ana Afonso

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Thomas Balenghien and Antoine Poskin.

2. Adoption of agenda

#	Items
1.	Welcome and administrative issues
2.	Update on SBV situation based on reported data
3.	Research Lines
4.	Discussion on impact assessment and further steps.
5.	Next meeting and deadlines
6.	AOB

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Agreement of the minutes of the 1st Working Group meeting held on 05 12 2012, Parma.

The minutes were agreed by written procedure on 05 12 2012 and published on the EFSA website 10 12 2012.

5. Scientific topic for discussion

5.1 Possible Risk and Further Impact Assessment of Schmallenberg Virus in EU Animal Population ([EFSA-Q-2012-00824](#))

A brief description on what has been done, the EFSA mandate and the meeting objectives was given. Followed by presentations of the current research on Schmallenberg :

- Epidemiological research studying between and within sero prevalence in UK, France, Germany, Belgium and Netherlands.
- SBV infection pathogenesis, such as viraemia duration, incubation period and identification of risk period during pregnancy in the different species are still to be finalized.
- Role of other routes of transmission were presented, in particular through semen.
- Update on the epidemiological models for Schmallenberg virus (Simon Gubbins)
- New results from Farm-to-farm modelling of SBV (Matthew Baylis)

Presentations were followed by discussion on relevant type of data, modeling approaches, measures of impacts, potential transmission routes as well as importance of the prediction of geographical spread. The focus of the work should be on the overall impact assessment both within herd and at regional/national/EU level. Discussion on parameters to be used on pathogenesis, epidemiology and diagnostic test characteristics for the Schmallenberg virus (SBV) were held with the objective of refining the model previously used taking into account the latest scientific finding on SBV, with special attention on the studies co-financed by the EU. Information regarding within herd sero prevalence studies are crucial to refine spread model and assess impact.

Tasks were distributed to address the issues discussed during the meeting.

6. Any Other Business

None

7. Next meeting(s)

WEB meetings plans were discussed.

Physical meetings every three months in order to assess project evolution.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

SAS Unit

Parma, 05 December 2012

**WG meeting on Possible Risk and Further Impact Assessment of
Schmallenberg Virus in EU Animal Population**

EFSA-Q-2012-00824

**Notes of the 1st meeting of the Working Group on Possible Risk and Further Impact
Assessment of Schmallenberg Virus in EU Animal Population**

Parma, 05 December 2012

EFSA / SAS Unit

Agreed by the WG on 05th December 2012

Participants

WG Experts Simon Gubbins (SG); Matthew Baylis (MB); and Antoine Poskin(AP)

EFSA: Andrea Baù (AB); Jane Richardson (JR); Jose Cortiñas Abrahantes(JCA); Ana Afonso(AA)

Excused: Karen Mackay (KM); Stéphan Zientara(SZ); Anthony Wilson (AW); Richard Elliott (RW)

1. Welcome and apologies

The Chair welcomed the participants.

2. Adoption of agenda

#	Items
1.	Welcome and administrative issues
2.	Update on SBV situation based on reported data
3.	Research Lines
4.	Discussion on impact assessment and further steps.
5.	Next meeting and deadlines
6.	AOB

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

4. Discussions

The different documents foreseen in the agenda were presented and discussed. Specifically, the documents on:

- Mandate number: M-2012-0258. Request for maintaining technical assistance on the possible risks for animal health caused by the Schmallenberg virus
- "Schmallenberg" virus: analysis of the epidemiological data (November 2012)

and the presentations:

- Epidemiological models for Schmallenberg virus (SG)
- Farm-to-farm modelling of SBV (MB)
- European livestock and meat trades union (UELBV). Case study: the impact of BTV and Schmallenberg virus on the economy (AA)
- SBV situation map (November 2012) (AA)
- Scientific studies on Schmallenberg virus M-2012-0258/EFSA-Q-2012-00755 (AA)
- Epidemiology SBV in Belgium (AP)

Presentations were followed by discussion on relevant type of data, modelling approaches, measures of impacts, potential transmission routes as well as prediction of geographical spread. Discussion on parameters to be used on pathogenesis, epidemiology and diagnostic test characteristics for the Schmallenberg virus (SBV) were held with the objective of refining the model previously used taking into account the latest scientific finding on SBV, with special attention on the studies co-financed by the EU.

Tasks were distributed to address the issues discussed during the meeting.

5. Next meeting date

Physical meetings planning were presented and deadlines were set:

The next physical meeting is foreseen in Brussels for the end of January beginning of February after confirmation of a possible joint meeting with the SBV Epi Group according to the availability of participant. A doodle will be launched to find the most appropriate date.
