



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 22nd MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 25th May 2022

(Agreed on the 17th of June 2022)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Antonio C. Velarde

Peter Thomsen.

Hearing Experts¹:

Yolande Seddon

Michael Cockram

Nancy De Briyne

EFSA:

Seán Ashe

Lina Mur

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Yves Van der Stede
Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Luigi Faucitano

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting. No new declarations were made.

4. Agreement of the minutes of the 21st Working Group meeting held on the 28th of April 2022, VIDEO/WEB/TELE-conference.

The minutes of the 21st Working Group meeting were agreed upon by written procedure on the 18th of May 2022.

5. Scientific topic(s) for discussion

5.1. Discussion of draft on the scientific opinion on the transport of small ruminants

The working group read and commented the draft text assessing the transport of sheep and goats. The sections of loading/unloading, journey times, control posts, journey breaks and the validation of ABMs that could be used during transport were reviewed.

5.2. Discussion of draft on the scientific opinion on the transport of cattle

The working group read and commented the draft text of the scientific opinion on the transport of cattle. The sections of loading/unloading, journey times, special scenarios and the different ABMs

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

that could be used during transport were reviewed. The opinion will submitted to the panel for adoption at the Animal Health and Welfare Panel meeting on the 28th, 29th and 30th of June.

5.3. **Discussion of draft on the scientific opinion on the transport of pigs**

The working group read and commented the draft text assessing the transport of pigs. The sections of loading/unloading, journey times, control posts, journey breaks and the validation of ABMs that could be used during transport were reviewed. The opinion will submitted to the panel for adoption at the Animal Health and Welfare Panel meeting on the 28th, 29th and 30th of June.

5.4. **Discussion of draft on the scientific opinion on the transport of horses**

Members of the working with an expertise of equids discussed several issues regarding the transport of horses and the specific needs and considerations that have to be taken with the transport of this species. Maximum journey times and space allowance needed during transport were reviewed by the working group. The opinion will submitted to the panel for adoption at the Animal Health and Welfare Panel meeting on the 28th, 29th and 30th of June.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Prof. Sandra Edwards the following interest has been declared: "membership of the Technical Advisory Committee for pigs of the Red Tractor (UK)", which constitutes a Conflict of Interest (CoI) considering the overall remit of the EFSA's Farm to Fork Working Group. In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴ and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management.

Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Opinion on the protection of pigs, and has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁴ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 21st MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 28th April 2022

(Agreed on the 18th of May 2022)

Participants

■ Working Group Members:

Mette Herskin (Chair)
Barbara Padalino
Leonardo Nanni Costa
Sonia Marti
Sandra Edwards
Antonio C. Velarde
Nancy De Briyne,

Hearing Experts¹:

Yolande Seddon
Michael Cockram
Peter Thomsen.

EFSA:

Seán Ashe

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Lina Mur
Yves Van der Stede
Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Luigi Faucitano

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting. No new declarations were made.

4. Agreement of the minutes of the 20th Working Group meeting held on the 25th of March 2022, VIDEO/WEB/TELE-conference.

The minutes of the 20th Working Group meeting were agreed upon by written procedure on the 13th of April 2022.

5. Scientific topic(s) for discussion

5.1. **Discussion of draft on the scientific opinion on the transport of small ruminants**

The working group assessed the draft text assessing the transport of sheep and goats. The sections of loading/unloading, journey times, control posts, journey breaks and the validation of ABMs that could be used during transport were discussed.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

5.2. Discussion of draft on the scientific opinion on the transport of cattle

The working group discussed the draft text of the scientific opinion on the transport of cattle. The sections of loading/unloading, journey times, special scenarios and the different ABMs that could be used during transport were discussed.

5.3. Discussion of draft on the scientific opinion on the transport of pigs

The working group evaluated the draft text assessing the transport of pigs. The sections of loading/unloading, journey times, control posts, journey breaks and the validation of ABMs that could be used during transport were discussed.

5.4. Discussion of draft on the scientific opinion on the transport of horses

Members of the working group discussed several issues regarding the transport of horses and the specific needs and considerations that have to be taken with the transport of this species.

6. Next meeting

The next Working Group meeting is planned for the 25th of May 2022 as a WEB conference (Teams) 9-5.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Prof. Sandra Edwards the following interest has been declared: "membership of the Technical Advisory Committee for pigs of the Red Tractor (UK)", which constitutes a Conflict of Interest (CoI) considering the overall remit of the EFSA's Farm to Fork Working Group. In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴ and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management.

Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Opinion on the protection of pigs, and has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁴ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 20th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 25th March 2022

(Agreed on the 13th of April 2022)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Antonio C. Velarde

Hearing Experts¹:

Nancy De Briyne

Michael Cockram

Peter Thomsen

Yolande Seddon

EFSA:

Seán Ashe

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Lina Mur
Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and Clive Philips declared a new area of work.

4. Agreement of the minutes of the 19th Working Group meeting held on the 24th of February 2022, VIDEO/WEB/TELE-conference.

The minutes of the 19th Working Group meeting were agreed upon by written procedure on the 4th of March 2022.

5. Scientific topic(s) for discussion

5.1. Discussion and agreement on final draft of transport of sheep and goats

The working group assessed the draft text assessing the transport of sheep and goats. The sections of loading/unloading, journey times, control posts, journey breaks and the validation of ABMs that could be used during transport were discussed.

5.2. Uncertainty

The Chair communicated that an uncertainty assessment will be needed in most Animal Welfare opinions that will be validated by WG members.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

5.3. **Sheep: Fitness for Transport**

Fitness for transport was discussed for sheep by the working group. A general introduction was drafted to explain fitness for transport, information by several guidelines was compiled and a list created with the conditions that make sheep unfit for transport was discussed by the WG. The list was approved by the WG.

5.4. **Discussion and agreement on final draft on transport of pigs**

Members of the working group specialized in pigs stayed and discussed several documents regarding the transport of pigs. Pig categories and welfare consequences in each transport phase were reviewed by the WG. As well, space allowance, including deck heights was discussed within the group.

6. Next meeting

The next Working Group meeting is planned for the 28th of April 2022 as a WEB conference (Teams) 9-5.



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 19th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 24th February 2022

(Agreed on the 4th of March 2022)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Antonio C. Velarde

Hearing Experts¹:

Nancy De Briyne

Michael Cockram

Peter Thomsen

EFSA:

Seán Ashe

Maria V. Veggeland

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Lina Mur
Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Bernadette Earley.

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and Clive Philips declared a new area of work.

4. Agreement of the minutes of the 18th Working Group meeting held on the 31st of January 2022, VIDEO/WEB/TELE-conference.

The minutes of the 18th Working Group meeting were agreed by written procedure on the 15th of February 2022.

5. Scientific topic(s) for discussion

5.1. Panel & EC Feedback on sheep opinion

EFSA staff presented the opinions, comments and feedback that were made by the European Commission and the Panel after they revised the transport of sheep and goat's opinion.

5.2. Fitness for Transport

Fitness for transport was discussed for all species by the working group. Different approaches were examined by WG members, and the factors taken into account to say if an animal is fit or unfit for transportation. A general introduction will be created to explain fitness of transport and a list of requirements for each species will be created.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

5.3. **Sheep Maximum Journey times and minimum resting periods**

The working group discussed the maximum journey time for sheep, resting periods and the use of control posts. Resting periods will be renamed journey breaks in the SO.

5.4. **Scientific Opinion Deadlines**

The organization of the deadlines for the Scientific Opinions was presented to the WG members.

6. Next meeting

The next Working Group meeting is planned for the 4th of March 2022 as a WEB conference (Teams) 9-5.



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 18th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 31st January, 2022

(Agreed on the 15th of February 2022)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Antonio C. Velarde

Hearing Experts¹:

Nancy De Briyne

Michael Cockram

Luigi Faucitano

Peter Thomsen

Yolande Seddon

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

EFSA:
Seán Ashe
Maria V. Veggeland
Lina Mur
Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Bernadette Earley.

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and Clive Philips declared a new area of work.

4. Agreement of the minutes of the 17th Working Group meeting held on the 17th of January 2022, VIDEO/WEB/TELE-conference.

The minutes of the 17th Working Group meeting were agreed by written procedure on the 26th of January 2022.

5. Scientific topic(s) for discussion

5.1. Feeding sheep on the truck

The topic of feeding sheep while traveling on trucks was presented and discussed in the working group.

5.2. Rest times for sheep

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

Resting times for sheep were reviewed for sheep. Three different options for resting and feeding were discussed within the working group.

5.3. **Conclusions and recommendations for space and journey times in sheep.**

The working group revised the conclusions and recommendations for space allowance for sheep. Journey times will be revised and discussed in more depth in following WG meetings.

5.4. **Space allowance for cattle**

Space allowance for cattle was presented and discussed in the working group. Evidence about bruising, acceleration and space for lying down and its relationship with space allowance was shown to the working group to reach conclusions and recommendations.

5.5. **Space allowance for horses**

Space allowance for horses was presented to the WG. A different approach will be taken for horses compared to other species using square meters per horse instead of K-value. This approach was approved by the WG.

5.6. **Pigs: Heat stress, preparation and control posts**

The documents for heat stress, preparation and control posts for pigs were presented and discussed by the WG. Conclusions and recommendations for each of the sections were reviewed.

6. Next meeting

The next Working Group meeting is planned for the 24th of February 2022 as a WEB conference (Teams) 9-5.



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 17th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 17th January, 2022

(Agreed on the 26th of January 2022)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Clive Phillips

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Antonio C. Velarde

Hearing Experts¹:

Nancy De Briyne

Michael Cockram

Luigi Faucitano

Peter Thomsen

Yolande Seddon

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

EFSA:

Seán Ashe

Maria V. Veggeland

Lina Mur

Mimi Kalcheva

Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Bernadette Earley.

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and Clive Philips declared a new area of work.

4. Agreement of the minutes of the 16th Working Group meeting held on the 21st of December 2021, VIDEO/WEB/TELE-conference.

The minutes of the 16th Working Group meeting were agreed by written procedure on the 3rd of January 2022.

5. Scientific topic(s) for discussion

5.1. Preparation for cattle, calves and sheep

The documents explaining the preparation of different animal species for transport were presented and discussed in the working group. Current practice, hazards, welfare consequences, conclusions and recommendations were revised for cattle, calves and sheep.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

5.2. **Control Posts for cattle, horses and pigs.**

The documents regarding control posts were presented and revised by the WG. Current practice, hazards, welfare consequences, conclusions and recommendations for this stage of transport were revised for cattle, horses and pigs.

5.3. **Heat stress Pigs**

The working group was divided in two and WG members with expertise in pigs discussed heat stress in pigs. The document about Heat Stress was reviewed and revised.

5.4. **Space allowance Pigs**

Space allowance was presented and discussed in the working group. Space allowance for different animal types was reviewed.

5.5. **Sheep Journey Times: Conclusions and Recommendations**

The working group was divided in two and WG members with more experience in ruminants discussed and presented preliminary conclusions and recommendations of maximum journey times in sheep.

6. Next meeting

The next Working Group meeting is planned for the 31st of January 2022 as a WEB conference (Teams) 9-5.



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 16th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 21st of December

(Agreed on the 4th of January 2022)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Clive Phillips

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Antonio C. Velarde

Julio Alvarez

Hearing Experts¹:

Nancy De Briyne

Michael Cockram

Luigi Faucitano

Peter Thomsen

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

EFSA:

Seán Ashe

Maria V. Veggeland

Lina Mur

Mimi Kalcheva

Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Yolande Seddon, Bernadette Earley and Genaro C. Miranda De La Lama

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and Clive Philips declared a new area of work.

4. Agreement of the minutes of the 15th Working Group meeting held on the 3rd of December 2021, VIDEO/WEB/TELE-conference.

The minutes of the 15th Working Group meeting were agreed by written procedure on the 15th of December 2021.

5. Scientific topic(s) for discussion

5.1. Sheep space allowance

The document for space allowance for sheep was reviewed and discussed by the WG. Comments in the document were addressed. Summaries were developed for the different draft sections. Stocking

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

density and space allowance values were revised by the WG as well as the different ways to measure this.

5.2. **Sheep Journey times**

Sheep journey times was revised by the WG. The WG agreed on having a clean document and discussing it in the next meeting. An approach for journey time stratification will be taken into account.

5.3. **Space allowance cattle**

Space allowance in cattle was reviewed and discussed in the WG. Loss of balance, struggle of footing and bruising will be considered to calculate cattle space allowance and different scenarios depending on water and feed provision.

5.4. **Pigs journey times**

Journey times for pigs will be divided depending on pig category due to the needs of the specific groups. Animal based measures related to different welfare consequences were presented along their relationship with journey times.

5.5. **Heat Stress Cattle**

Preliminary conclusions of heat stress were presented to the WG. The upper critical temperature is somewhere around 25°C, where there is a significant increase of respiration rate and the onset of sweating. Still the WG suggested that papers about acclimatization and Bos indicus cattle are reviewed.

6. Next meeting

The next Working Group meeting is planned for the 17th of January 2022 as a WEB conference (Teams) 9-5.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 15th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 3rd of December

(Agreed on the 15th of December)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Clive Phillips

Genaro C. Miranda De La Lama

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Hearing Experts¹:

Nancy De Briyne

Michael Cockram

Luigi Faucitano

Peter Thomsen

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

EFSA:

Seán Ashe

Maria V. Veggeland

Lina Mur

Mimi Kalcheva

Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Bernadette Earley and Yolande Seddon.

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and Clive Philips declared a new area of work.

4. Agreement of the minutes of the 14th Working Group meeting held on the 9th of November 2021, VIDEO/WEB/TELE-conference.

The minutes of the 14th Working Group meeting were agreed by written procedure on the 26th of November 2021.

5. Scientific topic(s) for discussion

5.1. Sheep space allowance & journey times

The topic of sheep space allowance was revised by the working group. Tables for slipping, falling, and trampling rates, and time to stand up after falling depending on different space allowances were

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

presented. Space allowance is still undecided, and experts need more time and information to be able to reach a conclusion

5.2. **Calves : Heat & Cold Stress, Space & Journey times.**

Journey times for calves were discussed by the WG. Welfare consequences for calves were identified depending on journey length, where prolonged thirst and hunger were the most important ones. Time of last feed and resting time after feeding must be considered to recommend maximum journey times for calves. Preliminary conclusions were presented for this topic.

5.3. **Heat stress cattle**

Heat stress in cattle was reviewed and discussed in the WG. Data on animal-based measures were ordered and presented to facilitate the identification of the upper limit of the thermal comfort zone and the Upper Critical Temperature.

5.4. **Horse space allowance and journey times**

Space allowance for horses and journey times were reviewed and discussed by the WG. The needs of horses were presented regarding space as well as recommended space for distinct horse categories.

5.5. **Arrival stage for Pigs**

The welfare consequences of post arrival or destination stages were presented. It was also mentioned that most information available is about sows and piglets, with no information about boars.

6. Next meeting

The next Working Group meeting is planned for the 21st of December 2021 as a WEB conference (Teams) 9-5.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 14th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 9th of November

(Agreed on the 26th of November)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Clive Phillips

Genaro C. Miranda De La Lama

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Antonio C. Velarde

Hearing Experts¹:

Nancy De Briyne

Michael Cockram

Yolande Seddon

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Luigi Faucitano
Peter Thomsen

EFSA:
Seán Ashe
Maria V. Veggeland
Lina Mur
Mimi Kalcheva
Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and Clive Philips declared a new area of work.

4. Agreement of the minutes of the 13th Working Group meeting held on the 12th of October 2021, VIDEO/WEB/TELE-conference.

The minutes of the 13th Working Group meeting were agreed by written procedure on the 28th of October 2021.

5. Scientific topic(s) for discussion

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

5.1. **The export of cattle and sheep from the EU by road and by livestock vessel**

The topic of cattle and sheep exports to third countries by road was presented to the WG.

5.2. **Maximum journey times in horses**

Welfare outcomes and problems in horses depending on journey time lengths were presented to the WG. The WG will review the documents and discuss this topic again in the next meeting, to decide journey time in horses.

5.3. **Heat stress in un-weaned calves**

Information was presented on the factors affecting heat stress and also cold stress in un-weaned calves.

5.4. **Heat stress cattle**

Heat stress for cattle was reviewed and discussed in the WG. Respiration rate was seen as a good indicator for heat stress in cattle. Points C and D will be identified for cattle and then agreed by the WG members.

5.5. **Heat stress pigs**

Heat stress for pigs was reviewed and discussed in the WG. Some possible numbers for point C were identified.

5.6. **Space allowance pigs**

Space allowance values for pigs were presented and discussed for different pig categories.

5.7. **Space allowance un-weaned calves**

Space allowance was presented and discussed for un-weaned calves. There is a lack of information on space allowance during transport for this animal species. The group will consider average lying time in calves and the age of the animal to create recommendations.

5.8. **Space allowance cattle**

The WG reviewed and discussed space allowance for cattle.

5.9. **Opinion development**

Current WG documents on heat stress and space allowance will be assessed by other group members. Questions in the mandate will be identified and addressed.

6. Next meeting

The next Working Group meeting is planned for the 3rd of December 2021 as a WEB conference (Teams) 9-5.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 13th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

**WEB-conference (Teams), 12th of October
(Agreed on the 29th of October)**

Participants

■ Working Group Members:

Mette Herskin (Chair)
Barbara Padalino
Clive Phillips
Genaro C. Miranda De La Lama
Leonardo Nanni Costa
Sonia Marti
Sandra Edwards
Antonio C. Velarde

Hearing Experts¹:

Nancy De Briyne
Michael Cockram
Yolande Seddon
Luigi Faucitano
Peter Thomsen

EFSA:

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Seán Ashe
Maria V. Veggeland
Lina Mur
Mimi Kalcheva
Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 12th Working Group meeting held on the 7th of September 2021, VIDEO/WEB/TELE-conference.

The minutes of the 12th Working Group meeting were agreed by written procedure on the 13th of September 2021.

5. Scientific topic(s) for discussion

5.1. Heat stress in un-weaned calves

The WG reviewed and discussed thermal stress in un-weaned calves and the need of using calf age for the assessment. The definition of un-weaned calf needs to be discussed and mentioned in the opinion.

5.2. Heat stress in cattle

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

Heat stress for cattle was discussed within the group. The Temperature Humidity index is used in most papers, but wet-bulb temperature will be the chosen measurement for the opinion.

5.1. **Heat stress in pigs**

The WG reviewed and discussed thermal stress in pigs. Diverse ways of reporting microclimate are used in pigs, like THI (Temperature Humidity Index), enthalpy and wet-bulb temperature. Wet-bulb will be chosen to report microclimatic conditions in the scientific opinions.

5.2. **Space allowance for pigs**

Space allowance was presented and discussed for different pig categories. In addition, space allowance for pigs will need to consider deck height and temperature.

5.3. **Space allowance for horses**

Space allowance was presented and discussed for horses. Differences in reporting space allowance will be made depending on if the horses to be transported are broken or unbroken.

5.4. **Maximum journey times and rest periods**

The WG reviewed and discussed an approach to calculate journey times and rest periods, in which relevant welfare outcomes and welfare consequences were identified.

5.5. **Preparation for travel**

The WG discussed when preparation of the different animals should start and the specific issues that affect this stage and the animals. Authors will decide for each species, but this decision will have to be justified in writing.

6. Next meeting

The next Working Group meeting is planned for the 9th of November 2021 as a WEB conference (Teams) 9-5.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6)

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 12th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 7th of September

(Agreed on 13th of September)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Clive Phillips

Genaro C. Miranda De La Lama

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Antonio C. Velarde

Hearing Experts¹:

Nancy De Briyne

Michael Cockram

Yolande Seddon

Luigi Faucitano

Peter Thomsen

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work :

http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

EFSA:
Seán Ashe
Maria V. Veggeland
Mimi Kalcheva
Mariana Geffroy

1. Welcome and apologies for absence

The Chair welcomed the participants. New members were introduced to the working group. Apologies were received from Bernadette Earley.

2. Adoption of agenda

The agenda was adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 11th Working Group meeting held on the 8th of July 2021, VIDEO/WEB/TELE-conference.

The minutes of the 11th Working Group meeting were agreed by written procedure on the 13th of July 2021.

5. Scientific topic(s) for discussion

5.1. Heat stress in horses

The WG reviewed and discussed thermal stress in horses

5.2. Heat stress in other species

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

Heat stress documents for pigs, small ruminants and calves were discussed and their species-specific needs were discussed within the group.

5.3. Space allowance for sheep

Space allowance variables and methodology was presented and discussed within the WG. Sheep was used as an example and the approach used for this species will be applied as a model for other animal species.

5.4. Preparation for transport

The stage of preparation for transport was discussed within the WG. In this case the scenario for the preparation of pigs was used as an example. The stage of arrival will be discussed in the next meeting due to the lack of time.

5.5. Any Other Business

There was not any other business.

6. Next meeting

The next Working Group meeting is planned for the 12th of October 2021 as a WEB conference (Teams) 9-5.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 11th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 8th of July

(Agreed 13th of July 2021)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Clive Phillips

Genaro C. Miranda De La Lama

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

Antonio C. Velarde (Morning)

Hearing Experts¹:

Nancy De Briyne

Michael Cockram

EFSA:

Seán Ashe

Maria V. Veggeland

Mimi Kalcheva

Mariana Geffroy

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:

http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Bernadette Earley.

2. Adoption of agenda

The agenda was adopted without any changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

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Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 10th Working Group meeting held on 2nd of July 2021, VIDEO/WEB/TELE-conference.

The minutes of the 10th Working Group meeting were agreed by written procedure on the 5th of July 2021.

5. Scientific topic(s) for discussion

5.1. Heat stress in horses

The WG discussed and agreed on terminology for thermal stress, drafted some recommendations to prevent heat and cold stress in horses and reached and agreed on some conclusions.

5.2. Space allowance approach

Space allowance variables and methodology was presented and discussed within the WG.

5.3. Welfare consequences in pigs

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

The WG discussed the welfare consequences and hazards present during the process of loading/unloading pigs and those that happen during the journey.

5.4. Welfare consequences in all animals

The WG discussed and agreed to an approach on how to deal with welfare consequences in other animal species as had been presented with pigs.

6. Any Other Business

There was not any other business.

7. Next meeting

The next Working Group meeting is planned for the 7th of September 2021 as a WEB conference (Teams) 9-5.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 10th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 2nd of July

(Agreed 05th July 2021)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Barbara Padalino

Clive Phillips

Genaro C. Miranda De La Lama

Leonardo Nanni Costa

Sonia Marti

Hearing Experts¹:

Nancy De Briyne

EFSA:

Seán Ashe

Maria V. Veggeland

Mimi Kalcheva

Mariana Geffroy

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work :

http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Antonio C. Velarde, Bernadette Earley, Sandra Edwards, Michael Cockram.

2. Adoption of agenda

The agenda was adopted without any changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 9th Working Group meeting held on 16th of June 2021, VIDEO/WEB/TELE-conference.

The minutes of the 9th Working Group meeting were agreed by written procedure on the 5th of July 2021.

5. Scientific topic(s) for discussion

Heat stress in horses when transported on long journeys was discussed.

Conclusions of the quantitative recommendations relating to heat stress in horses were drafted.

6. Any Other Business

There was not any other business.

7. Next meeting

The next Working Group meeting is planned for the 8th of July 2021 as a WEB conference (Teams) 9-5.

Annex

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 9th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 16th of June

(Agreed 05th July 2021)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Antonio C. Velarde

Barbara Padalino

Bernadette Earley

Clive Phillips

Genaro C. Miranda De La Lama

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

■ Hearing Experts¹:

Michael Cockram

Nancy De Briyne

EFSA:

Seán Ashe

Maria V. Veggeland

Mimi Kalcheva

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without any changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 8th Working Group meeting held on 11th of May 2021, VIDEO/WEB/TELE-conference.

The minutes of the 8th Working Group meeting were agreed by written procedure on the 1st of June 2021.

5. Scientific topic(s) for discussion

5.1. Approach to Common Terms of Reference

The approach to the common Terms of Reference and the Specific Terms of Reference was discussed.

5.2. Different types of animals

The working group will focus on the most important categories of animals and highlight differences where important.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

5.3. Preparation and fitness for transport

In relation to preparation for transport and fitness for transport the WG will deal with the most common animal types and transport practices.

5.4. Heat Stress during transport

The WG discussed and agreed an approach as to how to deal with thermal/heat stress in the context of the transportation of animals on long journeys.

5.5. Approach for each WC

The structure of the assessment of any give welfare consequence was discussed.

6. Any Other Business

There was not any other business.

7. Next meeting

The next Working Group meeting is planned for the 2nd of July 2021 as a WEB conference (Teams) 9-11AM.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 8th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 11th of May

(Agreed 01st June 2021)

Participants

- Working Group Members:
 - Mette Herskin (Chair)
 - Antonio C. Velarde
 - Barbara Padalino
 - Bernadette Earley
 - Clive Phillips
 - Genaro C. Miranda De La Lama
 - Leonardo Nanni Costa
 - Sonia Marti
 - Sandra Edwards

- Hearing Experts¹:
 - Michael Cockram
 - Nancy De Briyne

- EFSA:
 - AMU: Olaf Mosbach-Schulz
 - APLHA Unit:
 - Seán Ashe

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Maria V. Veggeland
Mimi Kalcheva
Cristina Rapagna

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without any changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 7th Working Group meeting held on 19th of April 2021, VIDEO/WEB/TELE-conference.

The minutes of the 7th Working Group meeting were agreed by written procedure on the 3rd of May 2021.

5. Scientific topic(s) for discussion

5.1. Specific Scenarios of Concern

The main issues associated with the seven scenarios of concern described those that had been identified by the experts as part of the preparation for the meeting were presented and discussed. The main exposure variables were identified along with the level of data present in the scientific literature.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

5.2. Absolute or Qualitative Recommendations

It was agreed to take compliance with 1/2005 as a starting point for the welfare assessment, keeping in mind problems with compliance, with the subsequent production of qualitative or absolute recommendations.

5.2 Presenting the Scientific Opinion Templates

A proposal was made, with general acceptance, to produce five separate scientific opinions; one for each of horses, cattle, small ruminants, pigs and transport by livestock vessel.

5.3 Expert Knowledge Elicitation (EKE)

An example of an EKE was presented dealing with the welfare of pigs.

6. Any Other Business

There was not any other business.

7. Next meeting

The next Working Group meeting is planned for the 16th of June 2021 as a WEB conference (Teams) 9-17.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 7th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 19th of April 2021

(Agreed 03rd May 2021)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Antonio C. Velarde

Barbara Padalino

Bernadette Earley

Clive Phillips

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

■ Hearing Experts¹:

Michael Cockram

Nancy De Briyne

■ EFSA:

AMU: Olaf Mosbach-Schulz

APLHA Unit:

Seán Ashe

Maria V. Veggeland

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:

http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Denise Candiani
Mimi Kalcheva
Cristina Rapagna

1. Welcome and apologies for absence

The Chair welcomed the participants. Dr Genaro C. Miranda De La Lama sent his apologies.

2. Adoption of agenda

The agenda was adopted without any changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 5th Working Group meeting held on 9th March 2021, VIDEO/WEB/TELE-conference.

The minutes of the 6th Working Group meeting were agreed by written procedure on the 8th of April 2021.

5. Scientific topic(s) for discussion

5.1. Road Transport Seven specific scenarios: Feedback and discussion on the Welfare Consequences, Animal Based Measures, Hazards, Preventive & Corrective Measures Output tables.

The ongoing work on the scientific assessment and the production of recommendations for the 7 seven specific scenarios of concern, as listed in the mandate, was presented and discussed.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

5.2 Road Transport Seven specific scenarios: The effect of hazards on Welfare Consequences as indicated by ABMs (data extraction)

The structure and approach for the extraction of data linking hazards and Animal Based Measures and Welfare Consequence from relevant scientific publications was discussed.

5.3 Literature Review based on Welfare Consequences for Seven Specific Scenarios of Concern

The methodology and results of a literature search for the seven specific scenarios of concern was presented.

5.4 Expert Knowledge Elicitation (EKE) for the Seven Specific Scenarios of Concern

The methodology for the EKE to deliver the preventive and corrective measures relating to the seven scenarios of concern was presented and discussed.

5.5 EKE Training

Preliminary training was carried out on the Expert Knowledge Elicitation process.

6. Any Other Business

There was not any other business.

7. Next meeting

The next Working Group meeting is planned for the 11th of May 2021 as a WEB conference (Teams) 9-17.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 6th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 22nd of March 2021

(Agreed 08th April 2021)

Participants

■ Working Group Members:

Mette Herskin (Chair)

Antonio C. Velarde

Barbara Padalino

Bernadette Earley

Clive Phillips

Leonardo Nanni Costa

Sonia Marti

Sandra Edwards

■ Hearing Experts¹:

Michael Cockram

Nancy De Briyne

■ EFSA:

AMU: Olaf Mosbach-Schulz

APLHA Unit:

Seán Ashe

Maria V. Veggeland

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:

http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Denise Candiani
Mimi Kalcheva
Cristina Rapagna

1. Welcome and apologies for absence

The Chair welcomed the participants. Dr Genaro C. Miranda De La Lama sent his apologies.

2. Adoption of agenda

The agenda was modified to give an opportunity for the proposal and discussion of the methodology for the seven specific scenarios of interest and adopted.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 5th Working Group meeting held on 9th March 2021, VIDEO/WEB/TELE-conference.

The minutes of the 5th Working Group meeting were agreed by written procedure on the 18th of March 2021.

5. Scientific topic(s) for discussion

5.1. Presentation of the proposed methodology for the seven specific scenarios

A proposed methodology was presented and discussed.

5.2 The selection of Animal Based Measures and Hazards for unweaned calves being transported by road.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

The animal based measures and hazards were discussed and selected for each of the previously chosen welfare consequences for un-weaned calves in a moving truck during a long journey by road.

6. Any Other Business

There was not any other business.

7. Next meeting

The next Working Group meeting was planned for the 19th of April 2021 as a WEB conference (Teams) 9-17.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL HEALTH and WELFARE UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 5th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 9th of March 2021

(Agreed 18th March 2021)

Participants

- Working Group Members:
 - Mette Herskin (Chair)
 - Antonio C. Velarde
 - Barbara Padalino
 - Bernadette Earley
 - Clive Phillips
 - Genaro C. Miranda De La Lama
 - Leonardo Nanni Costa
 - Sonia Marti
 - Sandra Edwards

- Hearing Experts¹:
 - Michael Cockram
 - Nancy De Briyne

- EFSA:
 - AMU: Olaf Mosbach-Schulz
 - APLHA Unit:
 - Seán Ashe

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Maria V. Veggeland
Denise Candiani
Mimi Kalcheva
Cristina Rapagna

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 3rd Working Group meeting held on 20th January 2021, VIDEO/WEB/TELE-conference.

The minutes of the 4th Working Group meeting were agreed by written procedure on the 8th of March 2021.

5. Scientific topic(s) for discussion

5.1. Selection of welfare consequences for the 7 specific transport scenarios

The selection of the most relevant welfare consequences for the loading and unloading, truck in motion and truck stopped stages of a journey were selected for the following specific scenarios in road transport (as described in the mandate):

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

Export by road - Transport of adult cattle, weaned calves and sheep over long journeys by road involving the use of facilities where animals are unloaded and reloaded (control posts, livestock markets) or when animals are kept in stationary vehicles for hours (exit points) including in third countries.

End-of-career animals - Transport of end of career animals to slaughterhouses of dairy cows and breeding sows.

Unweaned calves- Transport of unweaned calves over long journeys; this scenario will particularly consider the risks regarding fitness for transport, watering, feeding and thermal comfort under Section c of the current practices associated with inappropriate drinkers and liquid feed for unweaned calves.

Horses- Transport of horses on long journeys to slaughterhouses.

Special health status animals- Transport of ruminants and pigs where unloading them before the final destination might jeopardize their health status.

5.2 The selection of Animal Based Measures, Hazards, Preventive and Corrective Measures

The Animal Based Measures, Hazards, Preventive and Corrective Measures associated with heat stress during loading and unloading for cull dairy cows were discussed and selected fulfilling the next step of the scientific assessment as described in the mandate.

6. Any Other Business

There was not any other business.

7. Next meeting

The next Working Group meeting was planned for the 22nd of March 2021 as a WEB conference (Teams) 9-17.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.



ANIMAL AND PLANT HEALTH UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 4th MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 22nd February 2021

(Agreed 9th March 2021)

Participants

- Working Group Members:
 - Mette Herskin (Chair)
 - Antonio C. Velarde
 - Barbara Padalino
 - Bernadette Earley
 - Clive Phillips
 - Genaro C. Miranda De La Lama
 - Leonardo Nanni Costa
 - Sonia Marti
 - Sandra Edwards

- Hearing Experts¹:
 - Michael Cockram
 - Nancy De Briyne

- EFSA:
 - AMU: Olaf Mosbach-Schulz
 - APLHA Unit:
 - Seán Ashe

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Maria V. Veggeland
Denise Candiani
Mimi Kalcheva
Cristina Rapagna

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 3rd Working Group meeting held on 20th January 2021, VIDEO/WEB/TELE-conference.

The minutes of the 3rd Working Group meeting were agreed by written procedure on 1st February 2020.

5. Scientific topic(s) for discussion

5.1. Selection of welfare consequences for several transport scenarios

The selection of the most relevant welfare consequences for the following stages of common transport practices were completed for road transport: *loading and unloading* and *very long journey with rest on truck*.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

6. Any Other Business

There was not any other business.

7. Next meeting

The next Working Group meeting was planned for the 9th of March 2021 as a WEB conference (Teams) 9-17.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL AND PLANT HEALTH UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 3rd MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 20th January 2021

(Agreed 1st February 2021)

Participants

- Working Group Members:
 - Mette Herskin (Chair)
 - Antonio C. Velarde
 - Barbara Padalino
 - Bernadette Earley
 - Clive Phillips
 - Leonardo Nanni Costa
 - Sonia Marti
 - Genaro C. Miranda De La Lama

- Hearing Experts¹:
 - Michael Cockram
 - Nancy De Briyne

- EFSA:
 - APLHA Unit:
 - Seán Ashe
 - Maria V. Veggeland
 - Denise Candiani

¹ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

Mimi Kalcheva
Cristina Rapagna

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 2nd Working Group meeting held on 14 December 2020, VIDEO/WEB/TELE-conference.

The minutes of the 2nd Working Group meeting were agreed by written procedure on 22nd December 2020.

5. Scientific topic(s) for discussion

5.1. Final Results of the Exercise on the Ranking of Welfare Consequences

The final step of the method to finalise the selection of the most relevant welfare consequences for a journey stage (e.g. loading and unloading) of a transport practice was demonstrated. The method was then discussed between the experts and the facilitator.

5.2. Review of the Welfare Consequence list and description with reference to Animal Transport

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

The list of welfare consequences was discussed with particular emphasis on the use of the welfare consequences in the forthcoming assessment in the context of the transport of terrestrial animals.

5.3. Transport Scenarios/Practices to be Assessed

The transport practices/scenarios to be assessed by EFSA according to the following protocol as described in the mandate were discussed and decided upon: *Describe the relevant welfare consequences for each category of animals during each step of the process; Define qualitative or quantitative measures to assess the welfare consequences during transport (animal based measures); Identify the hazards leading to these welfare consequences; Provide recommendations to prevent, mitigate or correct the welfare consequences (resource and management based measures).*

5.4. Selection of welfare consequences for several transport scenarios

The selection of the most relevant welfare consequences for horses during loading and unloading during road transport were selected.

6. Any Other Business

There was not any other business.

7. Next meeting

The next Working Group meeting was planned for 22nd February 2021 as a WEB conference (Teams) 9-17.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

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⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL AND PLANT HEALTH UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 2nd MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 14 December 2020

(Agreed on 22nd December 2020)

Participants

- Working Group Members:¹
 - Mette Herskin (Chair)
 - Antonio C. Velarde
 - Barbara Padalino
 - Bernadette Earley
 - Clive Phillips
 - Leonardo Nanni Costa
 - Sonia Marti
 - Genaro C. Miranda De La Lama

- Hearing Experts²:
 - Michael Cockram
 - Nancy De Briyne

- EFSA:

¹ Indicate first full name and then surname (John Smith) all throughout the document.

² As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:
http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

APLHA Unit:
Seán Ashe
Maria V. Veggeland
Denise Candiani
Mimi Kalcheva
Cristina Rapagna

EFSA Unit on Assessment & Methodologies :
Olaf Mosbach-Schulz

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting.

For further details on the outcome of the screening of the Annual Declarations of Interest, as well as the Oral Declaration(s) of Interest at the beginning of the meeting, and for conflicts of interest identified therein, please refer to the Annex.

Oral Declaration(s) of Interest were asked at the beginning of the meeting and no additional interest was declared.

4. Agreement of the minutes of the 1st Working Group meeting held on 12 November 2020, VIDEO/WEB/TELE-conference.

The minutes of the 1st Working Group meeting were agreed by written procedure on 26 November 2020.

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

5. Scientific topic(s) for discussion

5.1. **Presentation of the list of welfare consequence revised by the Task Force**

The list and definitions of welfare consequences to be used throughout the assessment was presented and discussed by the WG experts.

5.2. **Presentation of the methodology to identify the most relevant welfare consequences for a transport scenario**

A four-step process to select the most relevant welfare consequences for a given transport scenario was demonstrated : exclusion of the non-applicable welfare consequences; selection of the welfare consequences of most importance; selection of the welfare consequences that are clearly not relevant and the ranking of any remaining welfare consequences.

5.3. **Selection of welfare consequences for several transport scenarios**

The experts selected the most relevant welfare consequences for various example transport scenarios using the methodology described above.

6. Any Other Business

The fact that EFSA intends to seek a public consultation on this Scientific Opinion most likely towards the end of the first quarter in 2021 was presented and discussed.

7. Next meeting

The next Working Group meeting was planned for 20 January 2021 as a WEB conference (Teams) 9-17.

Annex

Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI)

CONFLICT OF INTEREST WITH WAIVERS: In the Annual Declaration of Interest filled by Dr Genaro C. Miranda De La Lama the following interest has been declared: that he provides consultancy services to the Federacion Nacional de Avicultores de Colombia (FENAVI) which is classified by EFSA as a non-Public Institution, which constitutes a Conflict of Interest (CoI) with the mandate of the EFSA Working Group in hand. In accordance with EFSA's Policy on Independence⁵ and the Decision of the Executive Director on Competing Interest Management⁶, and taking into account the specific matters discussed at the meeting in question, a waiver was granted in accordance with Article 21 of the Decision of the Executive Director on Competing Interest Management. Pursuant to Article 21(6) of the above-mentioned Decision, the concerned expert was allowed to take part in the discussion and in the drafting phase of the EFSA Scientific Report. Dr. Miranda De La Lama has not been allowed to be, or act as, a chairman, a vice-chairman or rapporteur of the Working Group.

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁶ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



ANIMAL AND PLANT HEALTH UNIT

SCIENTIFIC PANEL ON ANIMAL HEALTH AND ANIMAL WELFARE

MINUTES OF THE 1st MEETING OF THE WORKING GROUP ON THE TRANSPORT OF ANIMALS (FREE MOVING SPECIES)

WEB-conference (Teams), 12 November 2020

(Agreed on 26 November 2020)¹

Participants

■ Working Group Members:²

Mette Herskin (Chair)

Antonio C. Velarde

Barbara Padalino

Bernadette Earley

Clive Phillips

Leonardo Nanni Costa

Sonia Marti

■ Hearing Experts³:

Michael Cockram

Nancy De Briyne

Genaro C. Miranda De La Lama

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.

² Indicate first full name and then surname (John Smith) all throughout the document.

³ As defined in Article 15 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:

http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf

- EFSA:
 - APLHA Unit:
 - Sean Ashe
 - Maria V. Veggeland
 - Denise Candiani
 - Mimi Kalcheva
 - Cristina Rapagna

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process.

Certain interests were declared orally by the members before the beginning of the meeting. For further details on the outcome of the screening of the Oral Declaration(s) of Interest made at the beginning of the meeting, please refer to the Annex.

4. Scientific topic(s) for discussion

4.1. An introduction to the protection of animals during transport⁶

An overview of the mandate was presented.

4.2. The Protection of Animals during Transport (The mandate)

The Terms of Reference of the mandate were presented and discussed. The proposed methodology for the delivery of the opinion along with the structure of the opinion was demonstrated using EFSA's recently published opinion: *Welfare of Cattle at Slaughter*.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁶ <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00481>

4.3. The Common Scenarios/Transport Practices of Interest

A list of general scenarios or transport practices that will undergo assessment, in addition to the specific scenarios highlighted by the Commission in the mandate, was drafted by the WG.

5. Next meeting

The next Working Group meeting was planned for 14 December 2020 as a WEB conference (Teams) 9-17.

Annex

Interests and actions resulting from the Oral Declaration of Interest done at the beginning of the meeting

NO CONFLICT: With regard to this meeting, Prof. Clive Phillips declared the following interest: he has just started some consultancy work for Harvard University (USA). In accordance with EFSA's Policy on Independence⁶ and the Decision of the Executive Director on Competing Interest Management⁷, and taking into account the specific matters discussed at the meeting in question, the interest above was not deemed to represent a Conflict of Interest for the expert concerned.

⁶ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁷ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf