
ALPHA UNIT

Scientific Panel on Animal Health and Welfare
Minutes of the 4th meeting of the Working Group on PED and PDCoV
WEB-conference, 19 09 2014
(Agreed on 23 10 2014)¹

Participants

- **Working Group Experts²:**
 - Anette Bøtner, Ana Carvajal, Nicolas Rose and Paolo Martelli

- **EFSA:**
 - ALPHA Unit: Frank Verdonck

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

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes³ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests⁴, EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Agreement of the minutes of the 3rd Working Group meeting

The 3rd meeting was held on via teleconference on 26-27 08 2014, Parma. The minutes were agreed by written procedure on 08 09 2014 and published on the EFSA website 09 09 2014.

¹ The publication of the minutes shall be made without delay in compliance with the Founding Regulation and no later than 15 working days following the day of their agreement.

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

³ <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

⁴ <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

5. Scientific topic for discussion

[\(link to RoQ\)](#)

The Working Group was updated on the discussion of the draft opinion during the September AHAW Plenary meeting. Some comments were discussed in detail and the corresponding sections of the draft opinion were edited based on what was discussed. The conclusions and recommendations were reviewed in detail.

6. Next meeting(s)

Not foreseen

ALPHA UNIT

Scientific Panel on Animal Health and Welfare
Minutes of the 3rd meeting of the Working Group on PED and PDCoV
WEB-conference, 26 and 27 08 2014
(Agreed on 08 09 2014)¹

Participants

- **Working Group Experts²:**
 - Anette Bøtner, Ana Carvajal, Nicolas Rose and Paolo Martelli

- **Hearing Experts:**
 - Phil Gauger (did not participate in discussion on conclusions and recommendations)

- **EFSA:**
 - ALPHA Unit: Frank Verdonck

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

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during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Agreement of the minutes of the 2nd Working Group meeting

The 2nd meeting was held on 16-17 07 2014, Parma. The minutes were agreed by written procedure on 21 08 2014 and published on the EFSA website 26 08 2014.

5. Scientific topic for discussion

[\(link to RoQ\)](#)

A new version of the draft opinion was discussed in detail. The text of the different TORs was reviewed and sentences were edited were required. Several publications became available since the last WG meeting and relevant information was added to the text of the scientific opinion. Finally, conclusions and recommendations were formulated.

6. Next meeting(s)

19 September, WEB-conference

ALPHA UNIT

Scientific Panel on Animal Health and Welfare
Minutes of the 2nd meeting of the Working Group on PED and PDCoV
Held on 16-17 07 2014, Parma
(Agreed on 21 08 2014)¹

Participants

- **Working Group Experts²:**
 - Anette Bøtner, Ana Carvajal, Nicolas Rose and Paolo Martelli

- **Hearing Experts:**
 - Phil Gauger

- **European Commission representative:**
 - Francesco Berlingieri (DG SANCO) (16 July 2014, PM)

- **EFSA:**
 - ALPHA Unit: Frank Verdonck

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

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Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Agreement of the minutes of the 1st Working Group meeting

The 1st meeting was held on 23 06 2014, WEB-conference. The minutes were agreed by written procedure on 03 07 2014 and published on the EFSA website 04 07 2014.

5. Scientific topic for discussion

[\(link to RoQ\)](#)

The information collected in relation to the different TORs of the mandate was discussed in detail. The scientific opinion will mainly describe the current information regarding PED and PDCoV since data and time are lacking to perform a more detailed assessment. The introduction of the scientific opinion will describe the epidemiological situation of PED until 2004 and further description in the main text of the document will focus on outbreaks reported in the last 10 years.

TOR2 was further clarified with the EC and it was agreed that opinion should evaluate if PDCoV is an emerging disease according to the current OIE definition and whether cases should be notified to OIE or not.

There is information available indicating sequence differences between PEDV strains isolated in Europe, Asia or the Americas. However, it seems that there is no information available on the effect of these sequence changes on the phenotypic characteristics of the virus.

Data on clinical signs and pathological lesions were discussed for different age groups of pigs. Comparing the impact of PEDV outbreaks would require comparative animal experiments with different PEDV isolates.

The collected information on PEDV tissue tropism was discussed and indicated that data on viremia of the virus should be analysed in detail. Presence and survival of PEDV in different matrices was discussed. The main text of the opinion will describe whether detection of RNA and/or live virus has been reported, information on the survival of the virus in the matrix and whether the matrix has been reported to contribute to transmission of the infectious virus. A ranking of different matrices according to their probability of PEDV transmission will not be performed. This has recently been done by ANSES based on the probability of virus spread via the matrices, the probability of contact between a matrix and pigs and information on import of the matrices.

Only limited data could be collected on PDCoV.

6. Next meeting(s)

26-27 August, WEB-conference

ALPHA UNIT

Scientific Panel on Animal Health and Welfare
Minutes of the 1st meeting of the Working Group on PED and PDCoV
WEB-conference, 23 06 2014
(Agreed on 03 07 2014)¹

Participants

- **Working Group Experts²:**
 - Anette Bøtner, Ana Carvajal, Nicolas Rose and Paolo Martelli

- **EFSA:**
 - ALPHA Unit: (Frank Verdonck, Andrey Gogin)

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

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4. Scientific discussion on PED and PDCoV

[\(link to the Register of Questions\)](#)

The different Terms of Reference of the mandate were discussed by the WG. Information on the epidemiological situation of PEDV and PDCoV during the last 10 years needs to be

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collected from Europe, Asia and America. PED was originally described in Europe but the current level of PEDV circulation and PEDV-seroprevalence of the European pig population should be assessed. Many countries with recent PED outbreaks reported to OIE.

Differences between European, Asian and American strains of PEDV need to be analysed based on the available scientific literature. Nucleotide and deduced amino acid sequence identity will be examined. Sequence information is available from two 'old' European PEDV strains but is also required from more recently circulating PEDV. The correlation between sequence alterations and antigenicity will be assessed if data are available.

The morbidity, mortality and other production losses caused by PEDV and PDCoV need to be described. The scientific literature will also be screened for data on the presence and duration of PEDV and/or PDCoV in different matrices. Finally, based on the gathered information, it will be assessed whether PDCoV fulfils the OIE definition of an emerging or re-emerging disease.

5. Next meeting

16-17 July, Parma