This report has been submitted: 2015-01-23 15:11:00

<table>
<thead>
<tr>
<th><strong>Title of collaborating centre:</strong></th>
<th>Animal Welfare Science and Bioethical Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address of Collaborating Centre:</strong></td>
<td>Ministry for Primary Industries P.O. Box 2526 Wellington 6140 NEW ZEALAND</td>
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<tr>
<td><strong>Tel.:</strong></td>
<td>+64 4 8940913</td>
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<td><strong>Fax:</strong></td>
<td></td>
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<tr>
<td><strong>E-mail address:</strong></td>
<td><a href="mailto:mark.fisher@mpi.govt.nz">mark.fisher@mpi.govt.nz</a></td>
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<tr>
<td><strong>Website:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Name of Director of Institute (Responsible Official):</strong></td>
<td>Dr Mark Fisher</td>
</tr>
<tr>
<td><strong>Name (including Title and Position) of Head of the Collaborating Centre (formally OIE Contact Point):</strong></td>
<td>Dr Mark Fisher Chair, OIE Collaborating Centre Management Committee</td>
</tr>
<tr>
<td><strong>Name of writer:</strong></td>
<td>Dr Mark Fisher</td>
</tr>
</tbody>
</table>
**ToR: To provide services to the OIE, in particular within the region, in the designated specialty, in support of the implementation of OIE policies and, where required, seek for collaboration with OIE Reference Laboratories**

**ToR: To identify and maintain existing expertise, in particular within its region**

1. **Activities as a centre of research, expertise, standardisation and dissemination of techniques within the remit of the mandate given by the OIE**

<table>
<thead>
<tr>
<th>Animal welfare</th>
<th>Scope</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title of activity</strong></td>
<td><strong>Scope</strong></td>
</tr>
<tr>
<td>OIE Scientific and Technical Review</td>
<td>Publication of OIE Scientific and Technical Review Vol 33(1) <em>Animal welfare: focusing on the future</em> edited by DJ Mellor &amp; ACD Bayvel. Information alerting interested groups and individuals of its contents has been extensively disseminated and the volume favourably reviewed. Chapters on the drivers of animal welfare policy in Africa, the Americas, the Far East and Australasia and the Middle East were noted as amongst the most novel contributions and the description of Islamic teachings in relation to animal welfare particularly welcomed. Among other contributions noted as valuable were those linking emotion, motivation and cognition in assessing welfare, and the use of modern technologies to better manage animals and improve their welfare.</td>
</tr>
</tbody>
</table>

**ToR : To propose or develop methods and procedures that facilitate harmonisation of international standards and guidelines applicable to the designated specialty**

2. **Proposal or development of any procedure that will facilitate harmonisation of international regulations applicable to the surveillance and control of animal diseases, food safety or animal welfare**

<table>
<thead>
<tr>
<th>Proposal title</th>
<th>Scope/Content</th>
<th>Applicable area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implementing OIE animal welfare standards in Southeast Asia</td>
<td>This two-year programme aims to enhance stakeholder knowledge of OIE standards with particular emphasis on animal transport and slaughter practices. The project is proceeding exceedingly well with top ten indicators for transport and slaughter translated into the relevant languages in Thailand, Malaysia, China and Vietnam. Material is currently being developed to assist stakeholder training and updating of key personnel which will be undertaken in each country March 2015. Stakeholders’ and veterinary students’ knowledge and attitudes towards transport and slaughter are also being assessed. The Animal Welfare OIE Focal Point members are involved in each of the four countries and the project has good local collaboration.</td>
<td>□ Surveillance and control of animal diseases                                                   □ Food safety                                                                                   □ Animal welfare</td>
</tr>
</tbody>
</table>
ToR: To establish and maintain a network with other OIE Collaborating Centres designated for the same specialty, and should the need arise, with Collaborating Centres in other disciplines

ToR: To carry out and/or coordinate scientific and technical studies in collaboration with other centres, laboratories or organisations

3. Did your Collaborating Centre maintain a network with other OIE Collaborating Centres (CC), Reference Laboratories (RL), or organisations designated for the same specialty, to coordinate scientific and technical studies?

Yes

<table>
<thead>
<tr>
<th>Name of OIE CC/RL/other organisation(s)</th>
<th>Location</th>
<th>Region of networking Centre</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Welfare Science and Bioethical Analysis; Animal Welfare and Livestock Production Systems; Veterinary Training, Epidemiology, Food Safety and Animal Welfare; and Laboratory Animal Welfare and Science Collaborating Centres</td>
<td>Wellington, Montevideo, Teramo, Washington</td>
<td>□ Africa □ Americas □ Asia and Paciﬁc □ Europe □ Middle East</td>
<td>Link Collaborating Centres with an interest in animal welfare; and ensure the maximum benefit could be made from those participating in the Third Global Conference of OIE Reference Centres in Seoul, including facilitating a session on animal welfare. Proposed to establish a formal OIE Network to support work under the proposed OIE global strategy for animal welfare.</td>
</tr>
</tbody>
</table>

4. Did your Collaborating Centre maintain a network with other OIE Collaborating Centres, Reference laboratories, or organisations in other disciplines, to coordinate scientific and technical studies?

No

ToR: To place expert consultants at the disposal of the OIE.

5. Did your Collaborating Centre place expert consultants at the disposal of the OIE?

Yes

<table>
<thead>
<tr>
<th>Name of expert</th>
<th>Kind of consultancy</th>
<th>Subject</th>
</tr>
</thead>
</table>
ToR: To provide, within the designated specialty, scientific and technical training to personnel from OIE Member Countries

6. Did your Collaborating Centre provide scientific and technical training, within the remit of the mandate given by the OIE, to personnel from OIE Member Countries?

No

ToR: To organise and participate in scientific meetings and other activities on behalf of the OIE

7. Did your Collaborating Centre organise or participate in the organisation of scientific meetings on behalf of the OIE?

Yes

<table>
<thead>
<tr>
<th>National/International</th>
<th>Title of event</th>
<th>Co-organiser</th>
<th>Date (mm/yy)</th>
<th>Location</th>
<th>No. Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>International</td>
<td>Third Global Conference of OIE Reference Centres</td>
<td>Facilitated a session for animal welfare collaborating centres</td>
<td>10/14</td>
<td>Incheon</td>
<td>300</td>
</tr>
</tbody>
</table>

ToR: To collect, process, analyse, publish and disseminate data and information relevant to the designated specialty

8. Publication and dissemination of any information within the remit of the mandate given by the OIE that may be useful to Member Countries of the OIE

a) Articles published in peer-reviewed journals: 98


Hill KE, I.C Shaw: Does exposure to thyroxine-mimics cause feline thyroid hyperplasia. Veterinary Record 2014 175: 228-229. doi: 10.1136/vr.g3754


Webster, J., Schütz, K. E., Sutherland, M., Stewart, M., & Mellor, D. M. (2014). Consideration of key areas of potential animal welfare concern in pastoral dairy systems. New Zealand Veterinary Journal, 63, 31-36.


b) International conferences: 27


Oliva, J.L., Rault, J.L., Appleton, B. and Lill, A. (2014). Owner perceived closeness and owner perceived intelligence of dog can predict dog’s performance on object choice task. 48th Congress of the International Society for Applied Ethology (ISAE), Spain, p120

Rault, J-L. and Taylor, R. (2014). Nature of agonistic behaviours between sows mixed at different space allowances. 48th Congress of the International Society for Applied Ethology (ISAE), Spain, p189


Verbeek E, Ferguson D, Colditz I, Lee C. Chronic stress leads to an enhanced stress response and an increased expectation of a food reward in sheep. Proceedings of the 46th Congress of the International Society of Applied Ethology, Spain, p 100.


c) National conferences:  13


Wormald, D, Lawrence, A, Carter, G. and Fisher, A.D. (2014). Validation of modified open field behaviour as a measure of trait anxiety in the dog. ISAE Regional Meeting, Sydney, p12

d) Other
(Provide website address or link to appropriate information): 19


