



Department
for Environment
Food & Rural Affairs

Animal Health and Welfare Board for England

Annual report for 2018 to 2019

April 2021

We are the Department for Environment, Food and Rural Affairs. We're responsible for improving and protecting the environment, growing the green economy, sustaining thriving rural communities and supporting our world-class food, farming and fishing industries.

We work closely with our 33 agencies and arm's length bodies on our ambition to make our air purer, our water cleaner, our land greener and our food more sustainable. Our mission is to restore and enhance the environment for the next generation, and to leave the environment in a better state than we found it.



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Introduction from Lord Gardiner of Kimble

I am pleased to introduce the Report of the Animal Health and Welfare Board for England (AHWBE) covering 2018 & 2019. During these eventful years we have been working consistently to improve the health and welfare of animals. The AHWBE has been immensely helpful to me and provides strategic advice on all issues around animal health and welfare. I am constantly impressed by the professionalism and dedication from its members, who bring great expertise in each sector to the work of The Board.



Our country has a long tradition of caring for animals. Welfare is a priority for the British public, and we will continue to work to raise our standards. In the last two years the Government has introduced legislation to protect animals further. The Animal Welfare (Service Animals) 2019, or 'Finn's Law' has strengthened the Animal Welfare Act 2006 to punish offenders who attack or injure an animal on duty in public service. Criminals are no longer able to use as a defence that they were acting to protect themselves whilst trying to evade the law. It was a privilege to endorse this legislation during its passage through the House of Lords.

The Animal Welfare (Licensing of Activities Involving Animals) England Regulations 2018 came into force requiring those involved in selling animals as pets, providing or arranging for the provision of boarding for cats or dogs, hiring out horses, breeding dogs and keeping or training animals for exhibition to have a license.

We continue to lay the foundations for further improvements in the health and welfare of animals. In consultation with industry and the veterinary profession we have worked to reduce the impact of endemic disease and health conditions. The government announced a review of its 25-year Bovine TB Strategy chaired by Professor Sir Charles Godfray and has published the findings, which will inform next steps. The government also published the Defra commissioned findings from Dame Glenys Stacey's farm inspection and regulation review which calls for a more supportive, flexible and incentives-led approach to farming regulation.

I am particularly grateful to all Board members for their very considerable commitment to advancing the cause of health and welfare of the animals in this country for whom we have a responsibility. Their discussions with industry on a range of issues during challenging times have been most productive. Work on many issues including future farming and the livestock information programme will be of great importance, as we enhance welfare and

biosecurity. **Lord Gardiner of Kimble, Parliamentary Under Secretary of State for Rural Affairs and Biosecurity, and Lords Minister**

Introduction from Michael Seals, Chair of the Animal Health and Welfare Board for England



Welcome to the latest Report for the Animal Health and Welfare Board for England (AHWBE).

At this time of crisis created by Covid-19, the AHWBE continues to support Defra. Our work as a single source of support, advice and constructive challenge to Defra for animal health and welfare policy, working collaboratively with animal health and welfare policy teams to aid the development of policies, has been particularly pertinent during this period as we look at the future farming and how we help shape that going forward.

We continued to work hard to build and sustain stakeholder networks in 2018 and 2019, further developing an ethos of partnership working between government and industry. In doing so, we continued to strengthen the foundations for the significant challenges ahead as the UK planned its exit from the EU.

We are pleased to report that we have as a Board continued to influence and contribute to the future direction of animal health and welfare policy, with particular focus on future farming, anti-microbial resistance, biosecurity, surveillance and the livestock information programme.

The Board produced an Animal Health and Welfare Pathway paper highlighting its view on delivery of a pathway to enhanced health and welfare. This has fed into the future farming agenda and the formation of the Animal Health and Welfare Partnership Steering Group. The steering group has been the focus of pathway co-design and implementation over the last eighteen months, with a wide range of representatives from all major sectors and the veterinary profession. This has culminated in acceptance by Ministers of the route to improved health and welfare as presented by Government in the recent Policy Statement on Future farming.

The Board contributed insight and advice to the development of a range of consultations, such as Sentencing and Animal Sentience, the Future of Food, Farming and the Environment and the Bovine TB Strategy Review. It also made a significant input to the work helping to stem dog attacks on livestock.

Board meetings now take place across two days, maximising attendance and the opportunity to hear from external speakers. We look forward to the challenges the post-EU era will bring. **Michael Seals**

About the Board

Mandate

The Animal Health and Welfare Board for England (AHWBE) will support UK EU exit and post-exit strategic policy objectives by providing support, advice and constructive challenge to Defra's Ministers and their officials in the development and implementation of animal health and welfare strategy and policy.

The Board will provide leadership, championing the ethos of partnership working between industry, animal keeping sectors and Government. It will act as a focal point for communication and co-ordination across the various sectors of industry, ensuring broad, deep, two-way engagement.

The Board will encourage and enable action by all animal keepers at individual and sectoral level to minimise threats to animal and public health and animal welfare, whilst maintaining competitiveness.

The Board will continue to work collaboratively with policy and delivery teams across the Defra Group to achieve this. It will look at both policy development and its practical application, offering insight into which interventions or initiatives will be most effective in the different sectors.

This will be achieved by:

- articulating clearly the respective roles and responsibilities for animal keepers and Government;
- promoting producer-led action to reduce endemic disease, whereby businesses benefit from
 - improved productivity and competitiveness;
 - greater value in the food chain (given increasing premium on high health, low antibiotic use for example);
 - reduced risk of exotic diseases that have a disproportionate effect on all producers.
- where action is Government-led (for example, exotic disease response or risk mitigation)
 - encouraging policymakers to articulate how achievement of the required standards can be demonstrated – and being clear on what is required in order to access public funds;

- encouraging the use of incentives/rewards such as proportionate regulation and recognition, including the use of appropriate assurance;
- identifying opportunities to reduce overly prescriptive rules, leading to a clearer enforcement focus;
- adhering to the principles of better regulation;
- identifying clearly Government's role and responsibilities (e.g. in relation to laboratory capability, surveillance and co-ordination).

Specific areas of focus:

- Support and develop policy evolution in the context of EU Exit.
- Maintain and develop sector council and industry communications, in the context of EU Exit.
- Support the department to incentivise best practice in endemic disease control and in reducing Antimicrobial Resistance (AMR).
- Support and develop new models of regulation, balancing confidence in health and welfare with proportionate effective legislation and sectorial responsibility. Identifying opportunities for greater flexibility in the application and enforcement of rules, starting with livestock ID and movement.
- Support, inform and communicate development of sectoral databases and their wider utilisation under the livestock information programme.
- Support and promote effective surveillance for animal diseases.

These areas of focus will be reviewed regularly and will evolve over time.

Membership

For the period that this report covers (2018 & 2019), Board membership consisted of the Chairman, four executive members and six non-executive members.

Non-Executive members

Michael Seals MBE, FRAgS Chair

Michael is the Chair of the National Fallen Stock Company. He farms 200 acres of arable crops with a pedigree South Devon herd in South Derbyshire, in addition to horse breeding with other with equestrian interests. He is a past trustee of the British Horse Society, has sat on the National Farmers Union (NFU) Council and was Chairman of the NFU National Food Standards Committee.

Yvonne Ball

Yvonne is a barrister with a PhD in balancing the public interests of investigating wrongdoing and the protection of human rights. She is a member of the Country Land and Business Association (CLA) national policy board and brings experience of working across Whitehall.

Claire Horton CBE

Claire has been the chief Executive of Battersea Dogs & Cats Home since 2010. She has spent 27 years working in both the commercial and not-for-profit sectors. Her specialist areas include dogs, cats and equines. Claire is the Chair of the Association of Dogs & Cats Homes (ADCH) - the membership body representing over 130 large and small animal charities UK-wide. She is a founder member and sits on the steering board of the Canine & Feline Sector Group (CFSG) and is a member of the Greyhound Forum and the Pet Advertising Advisory Group. She has an MBA from the University of Warwick Business School, and in 2015 was made an Honorary Doctor of Laws by Roehampton University for services to welfare and the community.

Stewart Houston FRAgS

Stewart is a past Board member of the Agriculture and Horticulture Development Board and currently sits on the Board for the Food Standards Agency. He has been a pig producer since 1970. He is a partner at Microware Pig Systems and has had high level roles in the National Farmers Union. Stewart was awarded a CBE for his contribution to agriculture and is a recipient of the David Black Award for a sustained contribution to the pig sector. Stewart is an ex-Chair of the British Pig Executive and National Pig

Association. In 2019, he was appointed to the Board of Red Tractor and leads the pig sector work there.

Tim Morris

Tim is a science and welfare advisor to a number of organisations. He is involved in thoroughbred racing and breeding, other equine organisations, and commercial organisations related to animal care and use. He is a trustee of several not for profit organisations. He is a veterinary surgeon with a PhD in livestock reproduction and has held a large number of leadership roles in veterinary professional organisations, commerce, industry bodies, animal science and welfare charities.

Gwyn Jones

Gwyn established his own farm business in West Sussex where he spent 35 years dairy farming. He has a long history with the NFU, serving as National Dairy Board Chairman for three consecutive terms (2004-2010) and Vice President (2010-2012). He is a main board member of the Agriculture and Horticulture Development Board (AHBD), chairing the Dairy Board, the Volatility Forum and acting as a main Board member with responsibility for competitiveness and bench-marking across all sectors. He is also Chairman of the Responsible Use of Medicines in Agriculture Alliance (RUMA), past Chairman of the Committee of Professional Agricultural Organisations (COPA) Animal Health and Welfare Working Group, and Vice Chair of the European Platform for Responsible Use of Medicines in Animals.

Jonathan Statham

Jonathan studied veterinary medicine at Cambridge, subsequently working in both general and specialist cattle practice in North Yorkshire. He is CEO of RAFT Solutions Ltd, a company delivering innovative research, advanced breeding and training solutions supporting food sustainability and is Chairman & Partner of Bishopton Veterinary Group. Jonathan is Past President of the British Cattle Veterinary Association (BCVA) and Yorkshire Veterinary Society. He has served on various representative and industry groups, including the GB Cattle Health and Welfare Group, Veterinary Policy Group of the British Veterinary Association and was a director of Cattle Health Certification Standards (CHeCS).

He is an examiner at Liverpool University, member of Nottingham Dairy Innovation Forum and serves on the Veterinary Products Committee of the Veterinary Medicines Directorate, having previously served on the Veterinary Residues Committee. He holds the RCVS Diploma in Cattle Health & Production and is a RCVS Recognised Specialist in Cattle Health & Production.

Daniel Parker

Daniel studied veterinary medicine at Cambridge, working in both large and small animal practices in the UK and Hong Kong. He established a veterinary practice in Cambridge in 1996, growing the business from a single site poultry practice to multi-site practice with locations across the UK. He has also undertaken consultancy work to a number of large integrated poultry producers outside of the UK.

Daniel currently acts as Director/Owner of Pharmsure UK and Pharmsure International companies, which develops and distributes a number of pharmaceutical products for use in poultry production in the UK, Europe and Russia.

He is a Past President of the British Veterinary Poultry Association, and has acted as a poultry/veterinary expert advisor for the British Veterinary Association, British Poultry Council and Defra. He continues to lecture in poultry medicine and production at Cambridge Veterinary School. Daniel is also a member of the Responsible Use of Medicines in Agriculture Alliance (RUMA) and the related targets taskforce group.

Executive members

Alex Thomas (2018)

Alex Thomas was Director of Animal and Plant Health and Animal Welfare in the Department for Environment, Food and Rural Affairs (Defra). Before that he was Principal Private Secretary to Jeremy Heywood, Cabinet Secretary and Head of the Civil Service. He was also Principal Private Secretary to Health Secretary Jeremy Hunt. Alex worked in the Cabinet Office on constitutional and electoral matters from 2010-15, and in Defra from 2003-10 on a variety of environmental, climate change and agricultural policies.

Gareth Baynham-Hughes (2019)

Gareth Baynham-Hughes became interim Director for Animal and Plant Health and Welfare in the summer 2019. The Directorate covers a wide-range of policy issues including exotic and endemic disease control, animal welfare, plant health, animal and plant health aspects of future farming as well as international trade in animals and animal products and plants.

Before joining APHW Gareth had been working in Defra to establish the Office for Environmental Protection under the planned Environment Bill. Before that, Gareth had worked as Deputy Director for Fuel Poverty in DECC and as Programme Director for Electoral Registration in Constitution Group in the Cabinet Office. Gareth spent the first 10 years of his career working on various agriculture and fisheries policies in London and in the UK Permanent Representation in Brussels and also worked for the FCO in London.

Christine Middlemiss

Christine joined Defra as the UK's Chief Veterinary Officer (CVO) in March 2018, having previously been CVO in New South Wales since August 2016. During her time there, she led major improvements to biosecurity across many farming sectors. She comes from a farming family in the south of Scotland, with a background in beef cattle and sheep.

Christine returned to the Defra group, having previously been Deputy Director for Animal Traceability and Public Health in 2016. She is an experienced veterinarian and worked for a number of years in private practice in Scotland and the north of England, prior to joining the Animal Health Agency (now part of Animal and Plant Health Agency) in 2008 as a Divisional Veterinary Manager in Scotland.

Graeme Cooke

Graeme was appointed Deputy Chief Veterinary Officer for the UK in 2017. His responsibilities include supporting the Government on animal health and welfare issues, appropriate advice to Ministers, strategic planning and leading the Defra response to outbreaks of exotic animal disease and other threats, including public health. He works closely with all UK administrations, negotiating on behalf of the UK Government with the EU and internationally. He also previously worked in Defra from 2001-2007, with responsibilities including international trade and equine health.

Chris Hadkiss

Chris Hadkiss has been the Chief Executive of the Animal and Plant Health Agency (APHA) since January 2013. His previous roles include Home Office advisor on forensic science, and roles at Forensic Science Service Ltd, including executive director, operations director and lead regional manager.

As Chief Executive of APHA, Chris is responsible for the delivery of the agency's services and is the accounting officer for the budget.

Non- Executive Work Portfolio

Each non-executive member is responsible for engaging with a defined portfolio of internal and external stakeholders (table 1).

Table 1. Non-Executive Director Board Member Portfolios

Yvonne Ball (Legal)

- Aquaculture
- Exotic Disease

Tim Morris (Vet/Prof)

- Equine
- Goats / Camelids
- Livestock information plan (LIP)

Stewart Houston (Farmer)

- Pigs
- Greyhounds
- Surveillance
- Food Standard Agency
- Livestock information plan (LIP)

Claire Horton (Strategy & Practice)

- Companion Animals

Daniel Parker (Vet)

- Poultry

Jonathan Statham (Vet)

- Sheep
- Veterinary Liaison
- Bovine

Gwyn Jones (Farmer)

- Bovine

Summary of Board activity

The Board have engaged on a number of wide-ranging issues over the course of these years as outlined below. Notable highlights include

EU Exit Preparations and Programme Delivery

Most significant risks related to resources: providing capability to match demand and sufficient certification capacity by Official Veterinarians (OV) and Environmental Health Officers (EHO) to service export health certificate demand, particularly if additional requirements for national veterinary capacity arise. A significant outbreak of a notifiable animal disease would add significant pressure to the availability of OV resource. The adoption of a risk-based approach can decrease the chances of certification capacity being reached.

Contributing to the development of a risk-based certification approach whereby authorised officials, predominantly EHOs, will determine whether they need to physically inspect consignments to sign the EHO or whether they can use existing evidence of compliance, conditional on consignments coming from premises that are subject to regular inspections.

EU Exit and Future Farming

The Board made detailed suggestions for a future Animal Health and Welfare Pathway. It recognised the opportunity EU Exit offers to improve the delivery of the health and welfare of farmed species in England, in particular by addressing endemic diseases and health conditions.

The Board's proposals included the adoption of long-term programme or "pathway" of activity across all sectors, to include all farmers and growers with livestock. This programme, if put in place, is anticipated to be the first of an ongoing series of animal health and welfare "pathways" for England.

The Board's vision also proposed the creation of a Partnership Board which could be a driving force, bringing together various industry representatives and government to oversee the delivery of the "pathway".

The Board met the four largest sector councils to discuss the Health and Harmony consultation. It also had regular discussions and updates with officials on all EU Exit related animal health and welfare matters with officials throughout the report year. Its input across the board was greatly appreciated. There was strong public support following the Health and Harmony consultation for using public money to support higher animal welfare. Products which meet enhanced welfare standards are already available in the market but represent only a small percentage of overall production. Government intend to use public money to address this and support farmers for delivering welfare enhancements.

Animal Health and Traceability Data Sharing

The Board engaged with Defra's surveillance team and industry to help industry help themselves by providing better and more accessible data relating to animal health and traceability. Its work contributed to raising awareness of the benefits of data sharing, including credibility for trade, particularly in the context of EU Exit Disease control prevention, and early detection; to facilitate risk-based trading; enable benchmarking; improve monitoring of antimicrobial usage and resistance and to reduce endemic disease.

Animal Welfare issues

Throughout the report period the Board worked closely with policy officials and industry to influence welfare areas including the Animal Welfare (Sentencing and Recognition of Sentience) Bill; the Animal Welfare (Licensing of Activities Involving Animals) England Regulations 2018; a call for evidence on a proposal to ban the commercial third party sale of puppies and kittens; a consultation paper on a proposal to ban e-collars for cats and dogs; work to stem dog attacks on livestock. Report can be found on the [North Yorkshire police website](#) ; and new codes of practice for the welfare of cats, dogs and equines which came into force on 6th April 2018.

Anti-Microbial Resistance (AMR)

The Board worked with Veterinary Medicines Directorate (VMD) colleagues giving advice on the drafting of the AMR strategy and disseminated information to the respective sector groups.

The International Reference Centre for AMR has received designation as a UN Food and Agriculture Organisation (FAO) Reference Centre for AMR (24 April 2019). The complementary expertise of CEFAS (marine and aquaculture), VMD (policy, AMR) and APHA (animals) in AMR provides the breadth of knowledge required for the International Reference Centre for Antimicrobial Resistance.

Bovine ID and Movements – Electronic ID (EID)

Discussions have progressed on implementation in England through the Livestock Information Programme (LIP) stakeholder design group (TDUG). The Board has supported a recommended numbering system for bovine EID (the current numbering system in the UK is not EID-compatible).

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Bovine TB Update

In England overall, the headline herd incidence rate and herd prevalence decreased for the 12 months to March 2019 compared with previous 12 months. However, the number of new herd incidents has risen in the Edge Area. Total animals slaughtered due to a TB incident in England in the 12 months to end March 2019 decreased 6% on the previous year to 31,897.

Board discussion was had on the government response to the Godfray review and next steps to accelerate the eradication strategy. The response focused on 5 key areas posed by the review: Improving epidemiology, diagnostics and surveillance tools to root out the disease, incentivising industry behaviours to prevent the spread of TB through risk-based trading and increased uptake of effective biosecurity measures.

Companion Animals

The Animal Welfare (Sentencing) Bill was introduced 26 June 2019. It increased maximum penalties for animal cruelty to five years. The Board worked with key stakeholders including Battersea Dogs Home and RSPCA to ensure the clauses in the Bill did not require amendment that could delay implementation. Ministers are committed to the passing of this Bill. The regulations to ban Third party sales will come into force in April 2020. There was also discussion on the work on a comprehensive communications plan on responsible puppy and kitten purchase.

Contingency Plan for Aquatic Animal Health

The Board contributed as an external observer to a contingency exercise for an aquatic animal disease. The purpose of the exercise was to test the preparedness of government, its agencies and others to respond to a major animal disease outbreak.

This was a major exercise involving Centre for Environment, Fisheries and Aquaculture Science (CEFAS) and several Defra teams. Other government departments and agencies were also involved, including the Environment Agency, Food Standards Agency, Public Health England and APHA, as well as colleagues from the devolved administrations including Welsh Government, Natural Resources Wales, and policy and science teams from Scotland and Northern Ireland. Stakeholders involved included the British Trout Association and the Fish Veterinary Society.

Exercise Blackthorn contingency plan for foot and mouth disease

Exercise Blackthorn was designed to test the four UK governments' contingency plans for a UK-wide, medium to large outbreak of Foot and Mouth Disease. It tested the new APHA outbreak model, response structures, disease confirmation and control processes, internal communications, cross-government collaboration, engagement with stakeholders, and

outbreak recovery. Over 400 people took part in the exercise including members of the Animal Health & Welfare Board England.

See our report on [Exercise Blackthorn](#)

The aim of the exercise was to test the Governments' current contingency plans for a national outbreak of FMD and thereby establish the current state of readiness for such an outbreak whilst identifying issues and improvements in policies, plans, instructions, structures and recovery procedures employed in managing an outbreak. The exercise was based on a fictional scenario of a medium to large scale FMD outbreak. The exercise provided an opportunity to rehearse roles, plans and procedures, learn in a safe environment and identify improvements. Board members took part in the exercise and provided feedback to the policy team to ensure the plan took into account industry feedback.

Farm Animal Welfare Codes

The pig welfare code is the third code to be updated, following the new meat chicken and laying hen codes which came into force in March and August 2018 respectively and is primarily intended for commercial pig producers. The importance of having up to date and relevant guidance was discussed at a meeting of the Board and the feedback on the importance of this was passed to the Animal Welfare Committee (AWC). The AWC approved the final version of the code and confirmed that welfare standards were being enhanced. The summary and government response to the pig code consultation held in 2018 was published on GOV.UK on 9 September 2019.

Farm Inspection, Regulation and Enforcement Review – Dame Glenys Stacey

The Farm Inspection and Regulation Review was commissioned by the Secretary of State in February 2018 and Chaired by Dame Glenys Stacey to provide independent advice on how we regulate farming in England.

Dame Stacey's Farming Inspection and Regulation Review made 13 key recommendations for the future landscape of regulation and enforcement. It considered the heterogeneous nature of farming in England today, and discussed the way that farming is currently regulated. Key recommendations include that the government create a new independent regulator, and that this body is empowered to regulate farming in a more sophisticated and supportive way to achieve better outcomes. Other recommendations relate to the creation a single land-keeper's register held by the regulator and to simplify and expand animal registration. The review also recommends that the new regulator should be responsible for ensuring advice and guidance on compliance is available to farmers and land managers.

The Board met with Dame Glenys Stacey and her team to support her review and to offer advice on animal health and welfare aspects of the review.

Horse ID – Central Equine Database

The importance of having a working, up to date database was discussed by the Board. Those discussions supported the work on the UK Central Equine Database (CED) of equine passports is fully operational for Passport Issuing Organisations (PIOs) and accessible to regulatory bodies including Defra, the Food Standards Agency and Local Authority Trading Standards. The new Equine Identification (England) Regulations 2018 came into force on 1 October 2018. They require all equines to be microchipped (except those within specified derogated areas) and newly require equines born before 30 June 2009 to be microchipped by 1 October 2020. Devolved Administrations have introduced similar regulations, with Scotland and Wales also requiring older equines to be microchipped. This means the CED will have a complete record of British microchipped equines which will improve traceability and disease outbreak management. The Regulations also introduce a new range of civil sanctions, which should make it easier for enforcement bodies to resolve non-compliance.

Livestock Information Programme (LIP)

The Board continued to work with the Livestock Information Programme team to offer its industry advice and contacts to help develop a purpose designed and built multi-species service. The aim is to have complete traceability of livestock from farm to fork. The Board contributed to the Traceability Design User Group (TDUG) - which includes Government, industry sector bodies, trading standards, academia, NFU and more - to agree the top six outcomes for traceability. The Livestock Information Programme (LIP) will put in place a multi-species livestock traceability service in England, with live services from autumn 2020. That service will interoperate with equivalent services across the UK, enabling Defra to continue to maintain the 'UK view' for international trade purposes. The LIP is being delivered in close collaboration with industry, delivering statutory services for government and additional services for the meat and livestock sectors.

Defra and Agriculture and Horticulture Development Board (AHDB) signed an agreement for AHDB to continue to lead the collaboration between industry and government to deliver the LIP. In line with that agreement, AHDB has created a new subsidiary company called Livestock Information Ltd (LI Ltd) which is a not-for-profit company limited by guarantee, with AHDB as its majority owner and Defra having a minority stake. That company is mandated to design and implement a multi-species traceability service in a way that works for both government and industry. The programme team is pleased with the rapid progress that is being made and is now focussing on moving into the programme delivery phase.

Outbreak Response

Section 14A of the Animal Health Act 1981 (as amended in 2002) requires Defra to annually review its [contingency plan for exotic diseases of animals](#). If the plan requires revision, the Act requires Defra to seek comments from representative bodies on proposed changes and to lay the amended plan before Parliament. The plan was last laid and published on 27 November 2018.

Animal Health and Welfare Board for England (AHWBE) were provided with the updated plan in September 2019 for review before being signed off. APHA/Defra provided further assurances to the Board to set out how outbreaks will be resourced. In the event of a disease outbreak, the Agency will focus on applying the relevant disease control measures and the contingency team will revert to the Outbreak Coordination Group. Stewart Houston and Zoe Davies prepared an AHWBE Briefing Note - Animal Transport Disease Risk in July 2019. This raised concerns about cleansing and disinfection standards for livestock transport. Further active communications by government and industry are continuing on ASF for a number of groups including the public traveling to/from affected areas, students returning to the UK to study, smallholders and pet pig keepers.

Porcine Reproductive and Respiratory Syndrome (PRRS)

The Board recognised the huge impact of the PRRS on pig farms. As part of a joint Defra and industry working group, helped to develop a proposal for a programme aimed at tackling the disease (an endemic virus which, if contracted, can have negative impacts on pig health, and potentially on national herd productivity).

Sheep ID and Movements

An efficient movement report service is provided for the sheep, goat, and deer industries via ARAMS. The service has processed over 3.52m moves since April 2014. Markets, abattoirs, and collection centres all e-report. A target of 70% for online movement reporting is regularly exceeded. A further review of data on the e-reporting by abattoirs and their efficacy in capturing EID tag numbers is underway. Subject to the findings Defra will then consider with enforcement authorities how compliance can be encouraged.

It will be important to improve reporting with the introduction of LIP-LIS. The LIP stakeholder Traceability Design User Group (TDUG) which includes members of the Board has agreed a timeline for the transition of sheep movement reporting to LIS.

Veterinary Capability and Capacity Project

The Board recognise the strategic importance of the veterinary profession, within Government, industry and the private sector, to national food security, public health, trade and the rural economy. We recognise important role played by veterinary surgeons from the EU and the rest of the world. Defra is working with veterinary sector stakeholders to understand the UK's veterinary resourcing needs and to drive forward initiatives to ensure we have access to the right people with the right skills in this industry. The Board was pleased that the Home Office placed the veterinary profession on the Home Office Shortage Occupation List. This means that it will be easier for UK employers to attract international veterinary expertise.

Welfare of Animals during Transport

In previous years the government sought evidence on how we could control live exports for slaughter, including through a possible ban. Evidence from the AHWBE members was passed to the then Farm Animal Welfare Committee (FAWC now AWC) and they were asked to carry out a review of existing transport standards and make recommendations for improvements for when we leave the EU.

The Farm Animal Welfare Committee recommended that live animal journeys should be minimised and that animals for slaughter should not be transported longer distances if suitable alternatives are available. FAWC also recommended that permitted journey times should be amended in line with scientific evidence. FAWC's report will inform the government's public consultation on this issue.

Zoonoses Policy – Salmonella in Poultry

In poultry the National Control Programme (NCP) regulates salmonellas for laying hens, breeders, broilers and turkey flocks with respect to public health significance as part of a risk-based 'farm to fork' approach to food safety. However, salmonella can occur in other species as has been evident in pigs and sheep.

Targets for the prevalence of salmonella in poultry are set in EU legislation. The UK prevalence of salmonella in laying, breeding and broiler chickens and in fattening turkeys has always remained below that target. However, the number of salmonella outbreaks in breeding turkey flocks in 2018 exceeded the UK target of 1%. As such the UK has adjusted the frequency of testing for breeding turkeys in line with EU law. The frequency has now increased from every four weeks to every three weeks for a minimum duration of at least two whole calendar years. Following discussion with the policy team, the Board felt this was a positive move to better protect public health from salmonella in poultry.

2018 Annual General Meeting

The Board hosted an annual general meeting on 1 May 2018 themed around surveillance and enforcement. Delegates from a wide range of animal health and welfare sectors engaged in a workshop designed to hear views from industry on improvements useful animal health data could deliver in the respective sectors over the next ten years, what might encourage the submission of good data and the respective roles of government and industry in reaching this objective. Delegates also had the opportunity to raise questions to a panel of a selected Board member and senior Defra officials.

Dame Glenys Stacey discussed the focus of her independent, comprehensive review of farm inspections. She explained that one of the core aims of the review was to reduce the bureaucratic burden placed on farmers. At that point the review was in its diagnostic phase. The review has since been published – see above.

Meetings of the Chairs of AHWBE, TBEAG & FAWC

The Chairs of AHWBE, TB Eradication Advisory Group (TBEAG) and the Farm Animal Welfare Council (FAWC now AWC) met in the inaugural meeting of the group Chairs and at the request of Lord Gardiner. The Chairs met, and have continue to meet, twice a year to forge close working, to update on work of the respective groups and identify synergies for the benefit of all.

AHWBE Visit to University of Nottingham, Sutton Bonington Campus



In October 2019 the Animal Health and Welfare Board England, led by Michael Seals, visited the University of Nottingham to see facilities including the farm and the vet school building. There were several interesting presentations on aspects of the work undertaken at the

University including disease control, horse owner and farmer behaviour and AMR.



The Board were also treated to a tour of the animal husbandry unit where the advantages of using sand instead of bedding was discussed. The advantages of hands-on learning for students were obvious. Peter Jinman

(Chair of the Farm Animal Welfare Committee) joined the Board for an interesting and thought-provoking day.

After the visit, Board members expressed their thanks to the lecturers and staff that contributed to the day. They said they found the discussions really helped frame, challenge and develop the wider areas of policy covered by the Board.

External speakers at Board meetings:

Compassion in World Farming

Peter Stevenson, Compassion in World Farming, presented his views on animal welfare from the viewpoint of Brexit, trade and the WTO. The presentation outlined the potential trade issues when negotiating new agreements, and the opportunity to consider how UK animal welfare standards might be applied to imports. The Board discussed the need for clarity and a good level of understanding of what is 'contravened' under WTO rules, agreeing the importance for clarity when discussing with stakeholders.

Canine & Feline Sector Group and the National Companion Animal Focus Group

Defra had requested that the Canine and Feline Sector Group (CFSG) and the National Companion Animal Focus Group (NCAFG) design a risk-based approach to support the new Animal Activity Licensing Regime (due to come into force in October 2018). A CFSG and a City of London Corporation delegates reported back on this work. The basis of this new approach was to:

- Allow local authorities (LAs) to inspect on a risk-based approach.
- Encourage and promote voluntary higher welfare standards over and above the minimum standards as laid down in the regulations.
- Enable, for the first-time, consumers to make an informed choice of service provider with an easily recognisable star rating scheme.
- Provide comprehensive guidance documents to ensure a consistent approach across LAs for all activities and general procedures, inspection forms and fee charging.

The Board acknowledged the good work of CFSG and NCAFG.

Brexit: challenges and opportunities – which model offers the best chance of sorting illegal trade in dogs and cats in the UK?

An RSPCA representative gave a presentation on Pet Travel Scheme (PETS) and the trade in puppies cross the Irish border, the RSPCA latest report and their ongoing work with APHA and the challenges being faced with hundreds of animals still crossing the border unchecked.

According to the report, each year thousands of horses and dogs cross the UK/Ireland border. The vast majority of the trade in live equines between the UK and Ireland consists

of horse movements for competition, but there are also cross-border movements of dogs for sport and the pet trade.

The trade in puppies is a devolved issue. Defra action to stop the sale of dogs under six months old in England unless being purchased from the breeders' premises will, if properly enforced, halt the trade in puppies from Ireland into the UK. The governments in Scotland and Wales were also looking at this option. It is still legal to transport dogs over 15 weeks old under the commercial and non-commercial rules.

MSD UK - animal health white paper

There was a presentation by an external company (MSD) on future animal health. MSD have produced two white papers; the recent one focuses on productivity and sustainability & the challenge of feeding the world. The UN has predicted that the world population will be 9.8 billion by 2050. Increased demand means we need to be smarter in producing food. This white paper looks at meat, milk & eggs. MSD believe the UK is in strong position as the demand for protein is very high & the UK is known around the world for having good agriculture. Having healthy animals is the key to help with the demand for protein.

The presenter also pointed out that vaccines are important for trade, especially in the light of EU Exit. It is estimated that 20% of animal production worldwide is lost as a result of disease. Once countries e.g. Germany, realise the huge cost to industry, they work to eradicate disease. The presenter said it was common to underestimate less obvious areas of cost- i.e. slower growth rate etc.

AHDB Dairy Research and Calf Forum update

Agriculture and Horticulture Development Board (AHDB) provided an update to the Board on dairy calves. There has been a growing media interest in the euthanising of bull calves. There has been a concerted effort from industry to reduce the number of unwanted bull calves by finding viable solutions to increase the number of dairy bull calves being reared to meet the demand for beef. Substantial progress has been made to reduce the number of dairy bull calves through improved breeding strategies to create more calves suitable for the beef supply chain.

While the aim of such schemes is to reduce wastage and improve welfare by making use of calves that might otherwise be euthanised at birth, there is recognition of the limited market for certain breeds of dairy bull calves (e.g. Channel Island) or for farms that are under TB restrictions. The marketing options for calves on TB-restricted dairy herds are limited.

The Board agreed to feed into the discussion to improve both the thinking around the benefits of keeping bull calves on and looking at better planning were discussed.

Published Board meeting notes, incorporating the information above can be found at:

[January 2018 Board meeting note](#)

[April 2018 Board meeting note](#)

[July 2018 Board meeting note](#)

[October 2018 Board meeting note](#)

[January 2019 Board meeting note](#)

[April 2019 Board Meeting note](#)

[July 2019 Board Meeting note](#)

[October 2019 Board Meeting note](#)

Non-Executive Director Engagements

During the report period, Board members attended a wide range of meetings and events where they collected and shared knowledge and promoted the work and values of the Board.

Here are some examples:

Stewart Houston

During 2018 and 2019, Stewart:

Pigs

- Attended a Local Authority MRSA Roundtable at Stoneleigh Park organised by the National Pig Association in April. The discussion was supported by presentations from external speakers, most notably on farm interventions that have made a difference to the Danish pig sector. Interventions to be adopted by AHDB Pork and future collaborations confirmed.
- Participated in Pig sector/Defra meeting on priorities for health and welfare post Brexit; Pig Health & Welfare Council meetings including attending a round table

event in June organised by the Pig Health & Welfare Council on Reducing the Need for Antibiotics in Pig Production. Christine Middlemiss (CVO) and Dame Sally Davis also attended and raised the AHWBE paper on endemic disease reduction as a key way forward. Dame Sally praised the livestock sector for their efforts in reducing the amount of antimicrobials used. Michael Seals introduced the Animal Health and Welfare Pathway to Dame Sally who welcomed the concept and promised to champion it in government.

- Attended the Pig Health & Welfare Council Surveillance Sub-Group teleconference and a Food Chain Resilience conference (N8 Universities) at Leeds Business School in June. He used the opportunity to get Leeds University interested in developing artificial Intelligence to monitor welfare activity in abattoirs by analysing CCTV footage. CCTV is now mandatory in all English abattoirs.
- Promoted the work of the Board at the bi-annual Pig and Poultry Fair in May. As head judge for the National Pig Awards, he visited several pig units in advance of awarding Outdoor and Indoor pig producer of the year at the Awards Event in November. 2018 saw the introduction of the young vet category alongside trainee of the year award. Health and welfare of the stock a key element of the judging process. Farm visits deliver the opportunity to promote the work of the Board.
- Was instrumental in helping Defra make progress with the Rural Development Program for England Porcine Reproductive and Respiratory Syndrome (RDPE PRRS) project and participated in the supplier webinar and the first working group with Defra, RPA and industry in October. Work streams ranging from biosecurity scores to the cost of testing were shared out between members of the group to report back to a meeting in November.
- Contributed to a paper from this evidence for further discussion at a meeting in December and with the aim of using the content and comments to complete a business plan.
- On 25 October 2019 we had our first RDPE PRRS meeting with Defra, RPA and Industry working together at a high level. Work streams ranging from Biosecurity Scores to the cost of testing were shared out between members of the Group to report back to a meeting on the 22 November 2019. I helped complete a paper from this evidence for discussion at a meeting on the 17 December 2019. Defra will use the content and comments to complete a business plan to be signed off at a meeting in February before it is presented to ministers for sign off.
- Received support for the concept of a PRRS reduction scheme from NPA Producer Group on the 6 November 2019, although I was reminded that not many pig producers will have an SBI number.
- Produced a business case with Defra colleagues to put to the RDPE Committee, based on the output from the joint Defra/APHA/Industry Working Group
- Discussed the problem of Feral Wild Boar at the Pig Core Group and discussed with AHDB Pork an action group to address the issues. Discussions focussed initially on the Forest of Dean population, but with a view to other areas in the

country where the feral wild boar population is rapidly expanding. The action group is chaired and hosted by AHDB Pork and made up of individuals with local interest, the Forestry Commission and representatives of the pig sector. It has met and is in the process of producing an Action Plan.

- Attended a briefing on the Lessons learned from Operation Walnut in October. He observed how movement data was managed and how we would manage country freedom from Foot and Mouth Disease (FMD) if the disease got into the feral wild boar population. A meeting of the Pig Core Group followed focussed on the extension of ASF into Belgium.
- Worked with the Pig Core Group to support Defra to trace pork products from Romania, where an average of ten new outbreaks of African swine fever were being recorded weekly. Stewart worked with FSA and Trading Standards in the search for significant quantities of processed product from Romania resulting in the product being traced, quarantined and returned.
- Attended the Great Britain Core Group in November, where the ASF risk was on the agenda, focussed mainly on communication to producers highlighting biosecurity needs and to the general public and lorry drivers, the risk to the national herd of infection from imported personal meat products.
- Participated in a workshop led by ADAS who are delivering a project on tail biting in pigs. The meeting produced a list of potential causal factors with some remedies.
- 3 September 2019. Visited Harper Adams farm for a farm tour and advised on a potential new euthanasia system.
- 5 September 2019. Visited Rattlerow Genetics, the countries' only family run breeding company and heard about their research work, here and abroad, to improve production and welfare. I was impressed with the work they have done to design an improved modular farrowing ark with proven reduced mortality results.
- 11 September 2019. Chaired the interview panel for the Trainee of the Year Awards. They are the future of the industry, and the future is bright!
- 12 September 2019. PHWC disease surveillance sub-group. Updated on the RDPE PRRS application and the AH&W Pathway.

Anti-microbial Resistance

- Attended a celebration of the life of Lord Soulsby, a prominent microbiologist and parasitologist, who flagged up the AMR risk a decade before real action was taken.
- Attended a VMD hosted AMR Strategy Stakeholder meeting followed by attendance at an APGAW meeting on the reduction in the availability of small abattoirs in the House of Lords.

Traceability

- Participated in the Traceability Design User Group (TDUG) meetings including preparing a Business Case and work towards a weighted tender to deliver the Traceability Information Service. With Tim Morris, he attended a press day event at

which Lord Gardiner and industry expressed support for the project. Further progress was made towards a modern traceability system at a TDUG meeting on the 15 October 2019. Most of the government hurdles have been cleared and a procurement timetable was set out. The aim is for cattle traceability to be embedded in the new system in late 2019, followed by sheep and then the pig system would be transferred over in 2020.

- Discussed lessons learnt from the Canadian study tour and further information from a New Zealand presenter. Discussions were also held on the possibility of including carcass classification data in the Livestock Information Service.
- The project moved towards the delivery stage including IT platform design, with AHDB participating as a leading partner. Each step is monitored by TDUG to ensure practical delivery on the ground.
- Met with David Hogg of Leeds University to explore a research programme to look at using Artificial Intelligence to interrogate CCTV data looking for anomalies which might highlight welfare breaches. This would make better use of CCTV data and save the time taken to scroll through images.

Sector Council

- The Autumn Sector Councils meeting was held on the 23rd October 2019. Much benefit was gained by the individual Council Chairs sharing their experience over the previous six months, including the pig sector refreshing their 2020 Health Strategy to Horizon 2030.

Animal Health & welfare Pathway

- The first Animal Health Pathway Steering Group meeting was held on the 19 October 2019, where the aims and objectives were agreed. Further meetings of the group were held in July and September
- Visited the finalists for Outdoor and Indoor Producer of the Year and drafted the proposition for a Pigs H&W Pathway from the one page “homework” provided by members of the Pigs Pathway Steering Group.

Other engagements

- Attended a progress session of the Livestock Information Programme in April; chaired the April Sector Council meeting; and attended the live play of Operation Blackthorn along with the International Visitors (on the 25th and 26th); discussed the FSA report on their Animal Welfare Action Plan at the October AHWBE and worked on planning for delivery of the Animal Health Pathway.
- On the 4 October 2019 we attended a briefing on the Lessons learned from Operation Walnut. We were particularly interested in how movement data was managed and how we would manage country freedom from FMD if the disease got into the feral wild boar population. A meeting of the Pig Core Group followed focussed on the extension of ASF into Belgium. The country risk level was raised to medium.

- Attended the David Black Awards on the 6 November 2019 where Mick Sloyan, recently retired Director of AHDB Pork, received the Awards from Lord Gardiner.
- Attended the National Pig Awards, in my role as Head Judge, on the 19 November 2019 and the GB Core Group on the 20 November 2019, where the ASF risk was once again on the agenda, focussed mainly on communication to producers highlighting biosecurity needs and to the general public and lorry drivers, the risk to the national herd of infection from imported personal meat products.
- There was a further TDUG meeting on the 10 December 2019 where we discussed lessons learned from the Canadian study tour and further information from a NZ presenter. We discussed the possibility of including carcass classification data in the LIS and it was reported that the budget and delivery planning were on track.
- 23 July 2019. Visited a 1000 head breeding goat herd producing milk and milk products. A genetic improvement programme was in place focussing on yield and robustness.
- 8 October 2019. AHWBE Away Day at Sutton Bonington's CIAL funded Dairy unit via Nottingham, Nottingham, Nottingham and the A6!
- 10 October 2019. Attended an AHDB Pork/APHA meeting for small scale pig producers focussed on disease to help understand how we influence 20k small producers. AHDB Pork /BPA are able to contact about 5k of them. They have difficulty finding vets with pig experience. Only half of them understood basic biosecurity, all of them thought commercial herds were disease factories and they had difficulty buying small quantities of vaccines and antimicrobials.

Tim Morris

During 2018 and 2019, Tim:

Livestock Information Service

- Together with Stewart Houston, continued extensive partnership working for the development of the Livestock Information Service (LIS), both on a technical level, but also with media and Government promotion.
- Supported the Chief Veterinary Officer (CVO) by chairing a stakeholder meeting to consider how animal movement standstill requirements might change now and with the advent of the LIS.
- Support transition to new chair for the Traceability Design Users Group

Equine sector Engagement

- Participated extensively with industry, Defra colleagues and Ministers to support, progress and communicate on international equine movement, both in the context of the UK leaving the EU, but also with the new EU Animal Health Law.

- Coordinated work with Defra colleagues and industry on specific proposals for a High Health Horse Status in the EU Animal Health law, to allow expedited equine movement.
- With Deputy CVO met South African Equine Exports team for an update on equine health standards for exports.
- Developed Sector Defra engagement and communications at a number of meetings, including the National Equine Forum and assisting in the sectors consolidation into a single representative Sector Council, the British Horse Council.
- Extensive work with Defra colleagues and Ministers to work with stakeholders to explain and smooth out the introduction of the Equine ID regulations, especially in respect of their application to semi-feral ponies and digital solutions.

Small and Local Abattoirs

Worked on a range of activities to understand the impacts of reduced numbers of smaller and local abattoirs on animal health and welfare including:

1. Fact finding visits to Scilly Isles with the Chair of the Parliamentary Environment, Food and Rural Affairs Committee, and to a newly built farm abattoir.
2. Chairing a session on small abattoirs at the Sustainable Food Trust conference.
3. Extensive support to the work of the Parliamentary All Party Group on Animal Welfare work stream on small and medium sized abattoirs, including liaison with Defra teams.

Livestock Attacks by Dogs

Worked on a range of activities to work to reduce dog attacks on livestock including:

- Coordination and support to the work of farming and other organisations to record the numbers of attacks nationally and highlight the wider impact on human and animal welfare.
- Engaged with National Police Chiefs Council's National Rural Crime Strategy on Livestock issues, with Defra colleagues and Defra and other Ministers and Parliamentarians.
- Supported the work of the Parliamentary All Party Group on Animal Welfare work stream on livestock attacks on dogs.

Other Engagement Activities

- Worked with stakeholders, Defra colleagues and Ministers to address concerns on the development of guidance for the Animal Activities Licensing Bill.
- Meetings with the camelid sector to understand concerns on TB testing.
- Attended a Defra/Agency science seminar at the Royal Society on international scientific engagement after the UK leaves the EU.
- Contributed to internal and external work on reducing Antimicrobial Resistance.

- Reviewed drafts of a large number of Statutory Instruments related to Animal Health and Welfare prior to their presentation for Parliamentary approval to allow for transposition of EU law to UK law.
- Develop concept discussion for flexible vaccine production with the VMD
- Contributed to Future of Animal Disease Surveillance panel at the British Society for Veterinary Pathology
- Facilitated Board visit to the University of Nottingham.
- Worked with Game Bird Industry to help inform Defra colleagues on welfare priorities.
- Assisted the Sheep Industry with their concerns on the disposal of sheep dip waste and unintended animal health, welfare and environmental impacts.
- Attended RSPCA Animal Sentience workshop and BVAAWF annual seminar.
- Supported stakeholder communication by producing regular e-newsletters on AHWBE activities.
- Worked with stakeholders to revive the exotic pets sector group.
- Supported officials and Minister for the National Equine Forums.
- Supported Minister at Horse tethering roundtable.
- Gave a considerable amount of advice and support across sectors to assist stakeholder with their response to the coronavirus outbreak.

Yvonne Ball

During 2018 and 2019, Yvonne:

Animal Health & Welfare Pathway

- Attended the Poultry Sector Health and Welfare workshop to discuss risks and opportunities post EU Exit. Provided basis for Animal Health Pathways and Partnership Delivery.
- Participated in the Health and Harmony consultation workshop in Gorton, Manchester and at the Oval, London during April.
- Engaged with regional stakeholders and provided basis for provisions within Agriculture Bill.
- Discussed issues, progress and future projects from the individual sectors at the Sector Council Chairs meeting. Explored options for Animal Health Pathways and Partnership Delivery.
- With Tim Morris and Defra officials met Liam Stokes, Head of Shooting Countryside Alliance regarding gamebird issues covering the state of the sector.
- With Michael Seals met game bird farmer re Avian Influenza outbreak response and lessons learnt. With Michael Seals met Charles Nodder of Game Bird Association to discuss current and future policy.

- Attended the All-Party Group on Animal Welfare and discussed the reduction of small abattoirs and potential options.
- Participated in the AHDB review workshop at the Defra office in Bristol and discussed the future of the levy and AHDBs role. Contributed to discussions at the AHDB Stakeholders meeting and made suggestions about the future role of AHDB and the needs of stakeholders.
- Meeting with Professor David Main discuss Animal Health and Welfare Pathway, welfare assessment and social science
- Welfare Policy team meeting re Animal Health and Welfare Pathway, meeting with National Food Strategy team, Animal Welfare Science Ethics and Law Association Winter Conference

Aquatic Animal Health

- Took part in “operation Blackthorn” contingency preparedness plan debrief and contributed to the lessons learned discussions and proposals for future exercises/outbreaks.
- Met Defra’s Aquatic Animal Health Policy team to discuss 11 actions raised in relation to future policy and practical measures.
- Discussed a range of issues at the Ornamental Fish Stakeholders meeting and visited a fish farm with Fish Health Inspectorate to engage with stakeholders.
- Contributed to the discussions at the Sector Council Chairs meeting and informal engagement with stakeholders.
- Centre for Environment Fisheries and Aquaculture Science (CEFAS). Update on current and future work.
- British Trout Association Annual General Meeting. Engaged with stakeholders, presentations and discussions about industry issues. Provided update on Defra policy, contingency planning and consultations.
- Engaged with Thomas Pyke, Marine and Fisheries re proposed funding scheme for aquaculture.

Equine Animal Health

- Attended the World Horse Welfare Conference and engaged with stakeholders about welfare issues and possible future actions. Joined Animal Welfare Science Ethics and Law Veterinary Association.

Sector Council Chairs

- Discussed issues, progress and future projects from the individual sectors at the Sector Council Chairs meeting. Explored options for Animal Health Pathways and Partnership Delivery.

EU Exit Preparations

- At the APHA Stakeholders meeting made suggestions about the best way to ensure stakeholders are aware of the impact upon them of leaving the EU without a deal and how they can prepare and engage with stakeholders.

- Engaged with regional stakeholders and provided basis for provisions within Agriculture Bill.

Other

- Discussed bTB and technical solutions to welfare and traceability with Tim Bennett, the Chair of The Centre of Innovation Excellence in Livestock, and bTB options with Mark Tufnell, Vice President and Christopher Price, Policy Director of the Country Land and Business Association.
- AHDB Stakeholders Meeting - contributed to discussion and made suggestions about the future role of AHDB and the needs of stakeholders. This included participated in the AHDB review workshop and discussed the future of the levy and AHDBs role.
- Attended Battersea Dogs and Cats Home for the Official Launch of Battersea's International Academy.

Claire Horton

The focus of Claire's work during this period has been supporting the companion animal welfare sector and its work with Defra and the development of the licensing guidelines for animal establishments.

2018

- In December 2018 Claire welcomed the then newly-appointed **Parliamentary Under Secretary of State for Animal Welfare, Mr David Rutley MP**, to Battersea, where he came to announce the results of the consultation on third party sales and to re-iterate Government messaging urging the public to not purchase puppies at Christmas as gifts. During his visit to Battersea the Minister was able to witness first-hand the true impact of puppy farming when he was introduced to rescued breeding bitches who had come to Battersea from a puppy farm. He also met a potential Section 1 dog (Pit Bull type) that was due to be viewed by the police in the coming days. This again gave him first-hand understanding of the difficulties and challenges created by the Dangerous Dogs Act (DDA) and its banning of some breeds.
- In July 2018 Claire provided evidence to the Defra Animal Welfare (Sentencing) Bill committee meeting.
- She also participated and led the work of the **Canine and Feline Sector Group (CFSG)** meetings in January, February, May, June, September including the successful big tent meeting in May.

- Claire also participated in several Defra meetings covering such topics as import of dogs to the UK and the No.10 meeting on the issue of 3rd party puppy sales.
- In March 2018, she also attended the launch of **The All-Party Parliamentary Group on Cats (APGOCATS)**

2019

- A joint working group to advance five-year sentences co-ordinated by Claire, **League Against Cruel Sports** and **RSPCA** was created. This group joined for a meeting at No 10 in June 2019 which led to the first publication of the Bill in June and has continued to work together since.
- In Summer 2019 draft licensing regulations and guidance were written by **CFSG** around dog rescue and rehoming centres, under principles of maintaining both **ADCH** rescue standards and AAL standards for other activities.
- In October 2019 Battersea under the leadership of Claire, worked with **Defra** to survey the wider rescue sector around impact of licensing. 67% of respondents were in favour of the measure.
- Claire was involved in regular discussion throughout 2019 around the commitment to publication of rescue and rehoming licensing consultation, with the Government committing pre-Covid to publish a consultation in April 2020.
- **Efra** "Controlling dangerous dogs" inquiry was published in October 2018, Government response and **Efra** reply to the Government response both published Q1 2020. Claire worked through the year since the publication of these reports as liaison between rescues and **DEFRA** to find ways of making the law work better. She also worked closely with the Greyhound Board of Great Britain on a study into independent trainer kennels.
- Work was carried out in support of the Commissioner on the licensing of dog, cat and rabbit breeding in Scotland.
- In November 19 discussions around animal sanctuary licensing with **Defra** and wider discussions with the **Defra** welfare team took place.
- Advised Devolved Administrations on animal welfare issues including custodial sentences for animal cruelty and fixed penalty notices for offenders, rehoming rights (similar to the Swedish model), CCTV in slaughterhouses, the introduction of an animal welfare.

Gwyn Jones

During 2018 and 2019, Gwyn:

Anti-Microbial Resistance

- Met with Scott Mann MP (Chair of the All Party Parliamentary Group for Dairy) to discuss animal health and welfare and AMR.
- Met with Asda and Co-op in Leeds and Bradford respectively to discuss animal health and welfare and AMR, the work of RUMA as well as the Pathway Programme.
- Attended a meeting at the National Office of Animal Health (NOAH) offices to discuss RUMA forming a Companion Animal Group – this is to bring companion animals in under the ‘One Health’ initiative.
- Networked and discussed programmes at the Pig and Poultry Fair at Stoneleigh.
- Attended the British Medical Association (BMA) Symposium on AMR and health care generally. It was an opportunity to see where agriculture and human medicine come together under ‘One Health’ to forge better understanding.
- Participated in the Pig AMR seminar in London.
- Discussed animal health and welfare, AMR and the Pathway Programme, RUMA, AHDB and his work to help join up the ruminant committees and groups at a meeting with Tesco at its HQ.
- Updated Lord Gardiner on the work in animal health and welfare and AMR.
- Attended the first retailer and food service meeting to discuss AMR/Health and welfare to discuss working together in pushing improvements through the supply chain.
- Met with VMD to discuss and plan the AMR 5 year strategy for the industry.
- Gave oral evidence in House of Commons committee on AMR in Agriculture.
- Gave a presentation to FSA on AMR in Dairy.

Ruminant health and welfare

- Met with the Chair of the Cattle Health Certification Standards (CHeCS) to discuss incorporating the scheme into new ‘Ruminant Health’ body and how they will work together on this project.
- Presented an item on ruminants health and welfare at the CHAWG Meeting and influenced CVOs to sit on a core group of this new body.
- The new body is a UK body to give the industry direction and ‘one voice’ in ruminant health and welfare matters. It is in the process of being set up and we will go out to consultation with the industry soon. This body will (amongst other things) categorise and prioritise endemic diseases in cattle and sheep, working to control and eliminate disease and generally raising standards. In England it will dovetail with the ‘Pathway’ programme and it will be the delivery body.
- Met with MSD Animal Health to discuss ruminant health and welfare work.

Other engagements

- Attended the DairyTech show at Stoneleigh to promote AHWBE work and network with farmers and companies and see how much is being done to improve health and welfare.
- Attended the NFU Dairy Board and talked about the work of the AHWBE work and possible future plans including the Pathway Programme.
- Had a meeting with Volac Ltd, a dairy nutrition organisation, to discuss funding a programme of farmer learning in order to improve dairy cow health and welfare and where commercial supply companies are prepared to fund work in order to fund higher standards and greater productivity in Dairy.
- Attended the British Veterinary Association reception at the House of Commons to network with stakeholders, Ministers and MP's.
- Had a meeting with Defra to discuss 'Future of animal health and endemic disease' at AHDB Stoneleigh and to ensure a common approach and agree principles.
- Attended the Zoetis Conference on animal health to influence and network with stakeholders.
- Attended the AHDB Bull Calf Seminar to discuss with supply chain how we can reduce number of bull calves despatched in the dairy industry.
- Attended and presented an item at the NOAH (National Office of Animal Health) launch of farmer training programme on medicines.
- Attended the Royal Welsh Show in July and participated in meetings and discussion panel.
- Met with the Farmers Union of Wales in Aberystwyth to discuss health and welfare.
- Attended the U.K. Dairy day at Telford, the AHWBE Steering Group in York and the Beef and Dairy AMU group meeting in London during September.

Daniel Parker

During 2018 and 2019, Daniel:

- Attended the poultry sector meeting and discussed items including the Future Farming command paper and surveillance.
- Attended the Pig and Poultry Fair at Stoneleigh and liaised with poultry producers and suppliers to the Poultry Industry and attended seminars mainly focused on Brexit related issues.

Poultry Health & Welfare Group

- Participated in the veterinary sub-group of the Poultry Health and Welfare group meetings on 11 June 2018 and 1 August 2018 and a workshop on 19 September 2018. This group is working with Defra to review secondary cleaning and disinfection protocols post an incursion of Notifiable disease in the light of viral

survival work sponsored by the British Poultry Council (BPC) and the British Egg Industry Council (BEIC).

- Discussed the possibility of looking at a vaccination and eradication program for Infectious Laryngotracheitis (ILT) at the Poultry Health and Welfare group meeting at Stoneleigh.
- Developed Infectious Laryngotracheitis briefing document which was circulated to the Poultry Health and Welfare Group (PHWG) and major poultry veterinary practices for consideration. This document highlights the issues related to ILT vaccination, wild virus incursion and possible strategies for management and eventual disease eradication. Attended a teleconference on Organic vitamin B2 shortage in August. This issue includes working with NFU, BEIC, BPC and feed producers on strategies to manage with limited forms of Organic vitamin B2 for Organic production.
- Attended the Poultry Health and Welfare Group quarterly meeting at Stoneleigh
- Poultry Health and Welfare group meeting BPC London in April and December 2019.

Avian Diseases

- Participated in the joint Government and poultry Industry workshop at Stoneleigh in October on Notifiable Avian Disease, Systems, Science and Solutions and Chaired the afternoon discussion section of the workshop

Other

- Attended the poultry awards dinner London in September 2018. This event recognises poultry meat promotion in UK. Also attended Poultry Meat Conference Stoneleigh in September 2019
- Attended Egg and Poultry Industry Conference Celtic Manor November 2018 and 2019
- Attended the British Poultry Council Annual Awards at the House of Commons in December. These awards showcase the activities of the poultry meat sector through the year and recognise both outstanding long term service to the poultry meat sector as well as identifying young talent embarking on poultry careers.
- Attended the British Veterinary Association Welfare Dinner on 5 Feb 2019.
- Opportunity to meet with parliamentarians and representatives from various animal sectors to discuss welfare issues
- Attended the poultry sector group meeting at the British Egg Industry Council on 18 Feb 2019. This meeting was to present to the poultry sector the initial feedback from the Animal Health and Welfare partnership steering group to the poultry sector and promote further discussion on the development of this project.
- Attended the National Farmers Union Conference, Birmingham on 19-20 Feb 2019. Opportunity to meet farmers and farmer representatives at the conference.
- DEFRA meeting on Enrichments for Meat chickens on 3 July 2019.
- Attended British Free Range Egg Association conference NEC Birmingham in October 2019

Jonathan Statham

During 2018 and 2019, Jonathan:

Sheep Health and Welfare Group Meetings & Cattle Health and Welfare Group

- Discussed sheep sector priorities at the April 2018 SHAWG Sheep Sector Strategy Meeting. This strategic meeting was facilitated by AHWBE to explore the priorities for endemic disease control in the sheep sector. Outcomes from this meeting informed the development of the Animal Health Pathway.
- Attended the SHAWG-Sheep dip meeting with Environment Agency in October 2018 and participated in a round table meeting with SHAWG stakeholders, Environment agency, Defra executive team and other environmental stakeholders. The purpose was to agree contractor dipping regulatory burden and costs for dipping sheep logistics such as dip storage. Outcomes included a compromise on the proposed interim position.
- Attended the CHAWG AMU Benchmarking group in London with the aim of setting dairy standards for AMU benchmarking. Outcomes include presented data platform pp and inputted to discussions on AMU benchmarking proposals
- Attended the Centre for Innovation Excellence in Livestock AgriTech Centre AGM at Rothamsted in April 2018. Discussions included the direction of research funding decisions and the Industrial Strategy Challenge Fund.

GenTORE International Meetings.

- Attended the European Federation of Animal Science conference in Dubrovnik 27-31 August 2018 discussing key issues of animal science linked with livestock food production covered. The aim was to deliver work from GenTORE EU Horizon 20-20 project-breeding for resilience and efficiency. Based on genomics and precision livestock farming (PLF) technologies. The event resulted in science collaborations and networking with European and global animal science community and stakeholders ahead of EU Exit.
- Attended the GenTORE Resilience & Efficiency European cattle meeting on the 5-9 November 2018 in Wageningen, Netherlands. Key issues of animal science linked with livestock food production covered. Purpose was to deliver the next phase of work from GenTORE EU Horizon 20-20 project-breeding for resilience and efficiency. Based on genomics and precision livestock farming (PLF) technologies. Outcomes included, Science collaborations and networking with European and global animal science community and stakeholders ahead of EU Exit. Programme of work through 2019 established.
- Attended the GenTORE Resilience & Efficiency European cattle meeting on the 6-9 May 2019 in Frick, Switzerland. Key issues of animal science linked with sustainable livestock food production covered. Purpose was to deliver next phase of work from GenTORE EU Horizon 20-20 project-breeding for resilience and efficiency. Based on genomics and precision livestock farming (PLF) technologies.

Outcomes included, Science collaborations and networking with European and global animal science community and stakeholders ahead of EU Exit. Programme of work through 2019 established.

- Attended the GenTORE Resilience & Efficiency European cattle meeting on the 30 Sep-2 October 2019 in York. Key issues of animal science linked with sustainable livestock food production covered. Purpose was to deliver next phase of work from GenTORE EU Horizon 20-20 project-breeding for resilience and efficiency. Based on genomics and precision livestock farming (PLF) technologies. Outcomes included, Science collaborations and networking with European and global animal science community and stakeholders ahead of EU Exit. Programme of work through 2020 established.

Animal Health & welfare Steering Group

- Attended the Animal Health and Welfare Stakeholder Steering Group on 4 December 2018. The purpose was to design measures for improving animal health and welfare outcomes, consider the range of ways to implement those measures and create the structures and strategies for delivering sustainable change and leadership from the farming industry
- Attended the Animal Health & Welfare Stakeholder Steering Group on the 4 July 2019, London. AHWBE, Sector council chairs & reps, AHDB, BVA, NFU and Defra executive team. Purpose for the meeting included, Design measures for improving animal health and welfare outcomes, Consider the range of ways to implement those measures and create the structures and strategies for delivering sustainable change and leadership from the farming industry, including co-funding. Outcome were platform set out for the above aims with specific feedback exercise to complete by mid-August.

Other

- Attended the 'DataVet' project close meeting in May 2018. The data warehousing system was being piloted in the commercial livestock sector.
- Attended the Sector Deal Industrial Strategy/Animal Health pathway meeting in May 2018. Alongside Ray Keating (AHDB), Jonathan presented a 'strawman' proposal for the livestock sector based on traceability. He represents the common link between the AHWBE and animal health pathway via the traceability unifying theme.
- Attended the VMD Veterinary Products Meeting in June 2018 and discussed veterinary medicines and AMR issues in regard to EU exit.
- Attended the Dairy Cattle Mobility Steering Group (DCMSG) on 20 June 2018. The discussions included a review of future training and highlighted the importance of cattle mobility from a welfare perspective. Discussion regarding a review of the cattle welfare codes included a proposal to present the findings of the group to AHWBE.

- Attended the Canada AgriTech Trade Mission in June 2018. Innovate UK supported trade mission in Agri Food sector. The trade mission was representing UK AgriTech and building bridges to future trade between UK and Canada. Six key priorities were addressed - genomics & advanced breeding; precision farming systems; diagnostics and sensors; big data; disease and pest management; food manufacturing quality.
- Attended the Newcastle University. FIELD Wellcome Trust Project in September 2018 'Linking science, social science & the humanities to inform the sustainable reduction of endemic disease in British livestock farming'. Led by Prof Abigail Woods of Kings College, with a Panel of stakeholders and academics. The event was to mark the Project launch. Feedback and direction from stakeholders to academic team informing future direction.
- The Animal Health & Welfare Stakeholder Steering Group was held in York in September 2018. In attendance were the AHWBE members, Sector council chairs & reps, AHDB, BVA and Defra executive team. Purpose of the meeting was to design measures for improving animal health and welfare outcomes, consider the range of ways to implement those measures and create the structures and strategies for delivering sustainable change and leadership from the farming industry. Outcomes include platform set out for the above aims.
- Attended the APHA (Animal & Plant Health Agency) Lessons Learned foot and mouth disease simulation in London in October 2018 which was presented by the APHA team. Purpose was to review FMD preparedness and feedback on report from APHA team. Outcome was positive and a thorough exercise with some recommendations for the review.
- Attended the Association of Veterinary Surgeons Practising in Northern Ireland (AVSPNI) Congress in October 2018 to present lectures on advanced breeding technologies and sustainable farming and network, including with Animal Health NI lead.
- Attended the BCVA Congress in October 2018 in Hinckley, Leicestershire at which he contributed to the CVO session, networked and exchanged knowledge. Outcome include delivering lecture on biomarkers technologies in dairy cattle and national data platforms.
- Attended the Nottingham Dairy Innovation Forum in December at the Veterinary Innovation Group combining university and practicing vets delivering both research and opinion work. Purpose for the meeting included responses to presentations on AMR from RUMA and consumer attitudes to modern farming systems.
- Attended National Action Johnes Meeting –Dairy UK HQ London 5 June 2019. Purpose was to input to an update of the control schemes being delivered to farmers, via dairy industry representatives and vets. Outcome was engaged widely with all attendees and built future links with animal health pathway.
- Attended British Veterinary association (BVA) Animal Welfare Foundation (AWF) Westminster Reception–London on 5 June 2019. Purpose was to engage and

discuss AHWBE issues with members of both lower and upper house and all attending. Outcome was to connect with key members attending and build dialogue for board issues.

- Attended the VMD Veterinary Products Meeting - 6 June 2019 and discussed veterinary medicines and AMR issues in EU exit. Importance of recognising the challenges and opportunities for veterinary medicines represented by EU exit.
- Attended the SHAWG board meeting 26 June 2019. Purpose was to support AHWBE chair to develop Animal Health Pathway concept and input on all SHAWG matters on behalf of AHWBE. Outcome was engaged widely with all attendees and built future links with animal health pathway for sheep sector.
- Attended British Cattle Veterinary Association (BCVA) meeting-Gloucester 27 June 2019. Purpose was to support AHWBE chair to introduce Animal Health Pathway concept across BCVA. Outcome was to set up effective engagement with key veterinary stakeholders and set out next steps with a long-term strategy.
- Attended Future Farming & BEIS meeting in York on 29th August 2019 regarding innovation R and D linked with Animal Health Pathway. Outcome was to provide examples of tech support for AH Pathway.
- United Nations FAO GHG and endemic disease project regarding cattle-UK Kenya and Chile. Throughout August-October with teleconferences for example 8 October 2019. Purpose was to build evidence base for improvements in endemic disease to mitigate GHG emissions and climate change. Outcome was to build a UK Kenya and Chile consortium and project to report to UNFCCC December 2019.
- Attended National Action Johnes Meeting –Dairy UK HQ London on 3 October 2019. Purpose was to input to an update of the control schemes being delivered to farmers, via dairy industry representatives and vets. Outcome was engaged widely with all attendees and built future links with animal health pathway.
- Attended the VMD Veterinary Products Meeting 25 September 2019 and discussed veterinary medicines and AMR issues in EU exit. Importance of recognising the challenges and opportunities for veterinary medicines represented by EU exit
- Attended the Welfare Outcomes Meeting 7 October 2019 Nobel House. Purpose was to review potential welfare status of UK herds and assess potential support for enhancements. Outcomes were next steps regarding animal welfare policy development and industry engagement.
- Attended the joint Animal Science and Plant Science Research advisory board meeting at Elsom Lincs on 10 October 2019. Purpose was to review current funding and landscape for UK funding for livestock and crop applied research. Outcome was to identify gaps in this landscape and potential synergies across sectors.
- Welfare Grant Aid meeting 21st November to feedback on proposals for Welfare Grant Scheme. Outcome was refinement of some plans.
- National Food Strategy Meeting 21st November 2019. Purpose to connect Animal Health & Welfare Pathway with the NFS group. Outcome was plans to jointly attend events and input towards COP26 conference Glasgow 2020

- COP25 UNFCCC Climate Change Conference in Madrid 3rd December 2019. Purpose was to present some UK work on linking Animal Health Improvement with reduced impact on the environment. Outcome was publication of such work and linking with colleagues in Chile and Kenya.

Annex A: Animal Health and Welfare Board for England Work Plan 2018 and 2019

This work plan seeks to identify more specifically where the Board will focus its attention over the coming year. It remains a living document that will be reviewed and updated in keeping with the changing policy environment and needs of Defra. The Board will work closely with the secretariat and policy/delivery teams to achieve this.

Objective	Activity
<p>1. To act as a sounding board/constructive challenge to policy and delivery teams in the formulation and delivery of policy – supporting evolution in the context of EU exit.</p> <p>[Priority areas: Antimicrobial Resistance, Biosecurity, Surveillance (inc. review of the Surveillance Governance Board), Livestock Information Programme]</p>	<p>a) Quarterly 1:1's with policy/delivery teams. Ad-hoc advice/discussions and providing constructive challenge as required, within members portfolios.</p> <p>b) Identify and explore options for post day 1 improvements/simplification of regulation to reduce unnecessary burdens, working with policy/delivery teams.</p> <p>c) Provide strategic direction on the UK's input into Smarter Rules for Safer Food (new EU regime for official controls and animal health) ensuring that UK influence is focused on maintaining and enhancing biosecurity at the border and within country, and testing implementation strategies to ensure opportunities for using this package as a vehicle for change in the lead up to EU exit and beyond are fully explored.</p> <p>d) Contribute to annual audit of the effectiveness of animal disease contingency plans.</p> <p>e) Contribute to post-outbreak lessons learned exercises, as required.</p>
<p>2. To facilitate two-way engagement and communication with stakeholders (particularly using</p>	<p>a) Revisit and refresh the strategic communications plan, identifying the critical/key stakeholders and stakeholder groups (e.g. farmed species health and welfare groups, key stakeholder meetings/events and stakeholders more difficult to reach or have strong/opposing views) across all members</p>

Objective	Activity
<p>networks to target stakeholders that are more difficult to reach or have strong/opposing views), during the formulation and delivery of policy.</p>	<p>portfolios.</p> <p>b) Targeted stakeholder engagement activity in line with the strategic comms plan and also as agreed with policy/delivery teams, to meet identified needs. This includes working with APHA to support the following areas:</p> <ul style="list-style-type: none"> ○ encouraging industry to adopt/embrace digital transformation; ○ helping improve the standard of sampling submission by private vets/others. <p>c) Bi-annual Sector Council Chairs meetings.</p> <p>d) Actively use networks to identify and help promote latest innovations, research opportunities and best practice within industry (where appropriate). Aid knowledge exchange between government and industry (in the theme of improving farming productivity), helping to inform future policy and research priorities.</p> <p>e) Gather and feedback intelligence to relevant policy teams/senior officials (via Secretariat and liaison meetings) on key issues/concerns within industry, including reactions to government proposals/policy, and highlight examples of best practice/successful policy in OMS's.</p>
<p>3. To advise Ministers on implementation of animal health and welfare proposals within the new agri-environment policy.</p>	<p>a) Support and advice for animal health and welfare projects under the current round of the Rural Development Programme for England, and helping to support work to consider the approach post-2019.</p> <p>b) Sub-group meetings with policy leads to identify and discuss the key issues to inform the development of future farming policy from an animal health and welfare perspective.</p> <p>c) Lead stakeholder engagement through the sector led health and welfare groups to identify and discuss the key issues to inform the development of future farming policy from an animal health and welfare perspective.</p> <p>d) Dedicated challenge/discussion sessions at Board meetings, along with discussion on progress and next steps.</p>

Objective	Activity
	<p>e) Recommendations to Ministers (as appropriate) and work to identify/articulate the role of the AHWBE in helping to deliver the new agri-environment policy for Animal Health and Welfare.</p>
<p>4. To work collaboratively with FAWC and TBEAG to align work plans; maintaining a dialogue to share information and discuss issues of common interest.</p>	<p>a) Work with policy teams to identify and prioritise policy questions, thereby contributing to FAWC work plans. Subsequently aiding FAWC's evidence gathering, considering and providing an early view on the deliverability/potential industry reactions to FAWC outputs.</p> <p>b) Tri-annual meeting of three Chairs and Secretariats. Ongoing dialogue of AHWBE/FAWC/TBEAG Chairs, as need arises.</p> <p>c) Information sharing/communication by Secretariats.</p>
<p>5. To maintain a dialogue with counterparts in Scotland, Wales and Northern Ireland in order to discuss common issues, share best practice and feed back into policy/delivery teams to aid joining up across UK.</p>	<p>a) Bi-annual four Chairs meeting with feedback to Defra/agencies on key issues.</p> <p>b) Ongoing information sharing/communication with counterparts in Devolved Governments.</p>

Annex B: A-Z of issues discussed at Board meetings

African Swine Fever

Agriculture and Horticulture Development Board (AHDB)

Animal Health and Welfare Pathway

Anti-microbial Resistance (AMR) and AMR Strategy

Animal Health and Welfare Disease Control

Animal Health and Welfare Stakeholder Steering Group

Animal Licensing

Animal Welfare Codes

Animal Welfare – Future Farming

Animal Welfare Update

Animal and Plant Health Agency (APHA)

Avian Influenza and electronic ID

Beak Trimming of laying hens

Bovine ID and Movements

Blue Tongue British Veterinary Association presentation

bTB Godfray Review of the Government 25 Year Strategy

Cattle Health and Welfare Group presentation

Challenge session on data in the Agriculture Bill

Charging Project

Companion animals

Disease Outbreak Capability

Enforcement of Animal Health and Welfare Legislation

EU Exit and Preparedness

Farm Animal Welfare Codes

Farm Inspection, Regulation and Enforcement Review (Dame Glenys Stacey)

Field Activity

Food Standards Agency 2018 Animal Welfare Report

Future Farming Policy

Governance

Horse ID

Illegal Import of Puppies

Livestock ID Movements EU Exit Preparedness – Secondary Legislation

Livestock Information Programme (LIP)

Local Authority Enforcement

Outbreak Response

Research and Development

Rural Development Programme for England (RDPE) animal health and welfare project

Sheep ID and Movements

Surveillance

Trade – Animal Welfare

Trade Implications of EU Animal Health Law

Veterinary Capability and Capacity Project

Welfare during transport

Withdrawal Bill and Devolution

