

2015 METHODOLOGY REPORT

JANUARY 2016

**The Business Benchmark on Farm Animal Welfare:
2015 Methodology Report**

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Acknowledgements

We would like to thank the following for their support of this project and their contribution to the design and development of the 2015 Benchmark:

- Philip Lymbery, Dr Tracey Jones, Jemima Jewell, Jo Cooper, Dawn Rotheram and the Food Business team (Compassion in World Farming)
- Steve McIvor, Martin Cooke, Audrey Mealia, Kai Akram and Darren Vanstone (World Animal Protection)
- Jeremy Coller and Rosie Wardle (Coller Capital)
- Dr Steve Webster (Delta-innovation)
- Dr Heleen van de Weerd (Cerebrus Associates)
- Vanessa Gardner (Footprint Communications)
- The many companies, investors and other stakeholders who participated in meetings and teleconferences, who provided input to the 2015 Benchmark consultation process, and who provided feedback on the assessment process and methodology.

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Appendix 1: Glossary

The Business Benchmark on Farm Animal Welfare (BBFAW) is designed to improve corporate reporting on farm animal welfare management policies, practices, processes and performance, and, over time, to drive tangible improvements in the farm animal welfare practices and performance of food companies. It is the first global measure of farm animal welfare management, policy commitment, performance and disclosure in food companies and is designed to enable investors, companies, NGOs and other stakeholders interested in understanding the relative performance of food companies in this area.

The programme is supported by founding partners, Compassion in World Farming and the World Animal Protection, who provide technical expertise, guidance, funding and practical resources. In 2014, Collier Capital joined the programme as an additional partner.

More information on the programme can be found at www.bbfaw.com.

CHAPTER 1: INTRODUCTION

The Business Benchmark on Farm Animal Welfare (BBFAW): 2015 Report¹, published in January 2016, provides an independent assessment of how 90 of the world's largest food companies are managing and reporting on farm animal welfare, and assesses the progress that has been made over the period August/September 2015 to August/September 2016.

This Methodology Report, which accompanies the 2015 Business Benchmark Report, describes the framework used to evaluate companies on their farm animal welfare management and reporting. It also discusses changes to the framework and methodology since the 2014 Benchmark².

This report comprises the following Chapters:

- Chapter 2: About the Business Benchmark on Farm Animal Welfare
- Chapter 3: The Structure of the Benchmark
- Chapter 4: The Assessment Approach
- Chapter 5: 2015 Assessment Criteria
- Chapter 6: Company Coverage
- Chapter 7: Future development of the Benchmark

¹ Nicky Amos and Rory Sullivan (2016), *The Business Benchmark on Farm Animal Welfare: 2015 Report* (BBFAW, London). <http://www.bbfaw.com/media/1338/bbfaw-2015-report.pdf>

² Nicky Amos and Rory Sullivan (2015), *The Business Benchmark on Farm Animal Welfare: 2014 Report* (BBFAW, London). http://www.bbfaw.com/media/1054/bbfaw_2014_report.pdf. A methodology report was also prepared to accompany the 2014 Benchmark report; see Nicky Amos and Rory Sullivan (2015), *The Business Benchmark on Farm Animal Welfare: 2014 Methodology Report* (BBFAW, London). <http://www.bbfaw.com/media/1057/bbfaw-methodology-report-2014.pdf>

CHAPTER 2: ABOUT THE BUSINESS BENCHMARK ON FARM ANIMAL WELFARE

2.1 Why Benchmark Food Companies?

Farm animal welfare is an increasingly important issue for companies across the food sector, including retailers, service companies, manufacturers, processors and producers. This has been driven by a range of factors, including regulation, consumer concern, pressure from animal welfare organisations, and the brand and market opportunities for companies that adopt higher farm animal welfare standards³.

2.2 Programme Objectives

The Business Benchmark on Farm Animal Welfare (BBFAW) is designed to help drive higher farm animal welfare standards in the world's leading food businesses. Its aims are:

- To provide investors with the information they need to understand the business implications of farm animal welfare for the companies in which they are invested.
- To provide investors, governments, academics, NGOs, consumers and other stakeholders with an independent, impartial and reliable assessment of individual company efforts to adopt higher farm animal welfare standards and practices.
- To provide guidance to companies interested in improving their management and reporting on farm animal welfare issues.

The key tool for the delivery of these objectives is an annual benchmark of food companies' approach to farm animal welfare ('the Benchmark'). To date, four Benchmarks have been completed, in August/September 2012, August/September 2013, August/September 2014 and August/September 2015 respectively⁴. Beyond the Benchmark, BBFAW produces a range of guidance and other materials for companies and investors on issues such as the business case for farm animal welfare, best practices in management and reporting, and new and forthcoming farm animal welfare-related regulations and policies⁵.

³ See, for example, the results of the investor and food company surveys conducted by BBFAW in 2015 (Nicky Amos and Rory Sullivan (2015): *How Are Companies Using the Business Benchmark on Farm Animal Welfare? Investor Briefing No. 16* (BBFAW, London), http://www.bbfaw.com/media/1071/investor-briefing-no-16_how-are-companies-using-the-benchmark.pdf; *How Are Investors Using the Business Benchmark on Farm Animal Welfare? Investor Briefing No. 20* (BBFAW, London), <http://www.bbfaw.com/media/1077/how-investors-are-using-the-business-benchmark-on-farm-animal-welfare.pdf>

These, together with briefing papers on the business case for action, on the regulatory case for action and on farm animal welfare and the consumer, can be obtained from www.bbfaw.com

⁴ These reports are all available from the BBFAW website, www.bbfaw.com

⁵ See, further, www.bbfaw.com

BBFAW also has an extensive programme of structured engagement with investors and with companies; this engagement encourages investors to pay more attention to farm animal welfare in their investment processes and in their company dialogue, and encourages companies to improve their practices, performance and reporting on farm animal welfare.

2.3 Governance

BBFAW was originally developed with the support, expertise and funding of leading farm animal welfare organisations. Compassion in World Farming and World Animal Protection. In 2014, Collier Capital joined Compassion in World Farming and World Animal Protection as an additional partner of BBFAW.

The BBFAW Steering Committee, comprising senior members from each of the funding partners, oversees the BBFAW programme's strategic development and budget.

The programme is managed by an independent Secretariat. In this role, Nicky Amos CSR Services Ltd, is responsible for providing an Executive Director and other resources necessary to coordinate the development of the Benchmark programme, to conduct the company research and evaluations, and to engage with investors, companies and other stakeholders.

The development of the Benchmark is overseen by a Technical Working Group (TWG) comprising technical experts, researchers and food business managers, and expert advisors on investor engagement and corporate responsibility. The members of the TWG for the 2015 benchmarking process were:

- Nicky Amos, Executive Director, BBFAW
- Jemima Jewell, Head of Food Business (and TWG Co-ordinator), Compassion in World Farming
- Dr Tracey Jones, Director of Food Business, Compassion in World Farming
- Martin Cooke, International Head of Corporate Engagement, World Animal Protection
- Audrey Mealia, Corporate Engagement Manager, World Animal Protection
- Dr Rory Sullivan, Expert Advisor, BBFAW
- Rosie Wardle, Collier Capital

2.4 Stakeholder Engagement and the 2015 Benchmark⁶

Investor and company engagement are integral parts of the Benchmark development and improvement process. Since the launch of the third Benchmark report in February 2015, the BBFAW Secretariat has:

- Participated in a series of telephone calls and meetings with European and North American investors and companies;
- Surveyed food companies on how the Benchmark has influenced their approach to farm animal welfare;
- Surveyed investors on how they are using the Benchmark;
- Conducted a formal consultation in June and July 2015 on the scope and criteria for the 2015 iteration of the Benchmark;
- Participated in a series of conferences, roundtables and webinars, including events convened by Morgan Stanley, NEI Investments, Canadian Business for Social Responsibility (Canadian BSR), Responsible Investor, South by Southwest (SXSW) Inc, Standard Life Investments Limited and UKSIF.

The feedback and comments we received through these various meetings and surveys have influenced the scope of the Benchmark, the benchmark criteria and the benchmarking process. We discuss these in the following sections.

⁶ For further information on BBFAW's engagement with companies and investors, see Nicky Amos and Rory Sullivan (2015), *Summary of Consultation on the 2015 Benchmark. Investor Briefing No. 22* (BBFAW, London), <http://www.bbfaw.com/media/1319/summary-of-consultation-on-the-2015-benchmark.pdf>; Rory Sullivan and Nicky Amos (2015), *How are Investors Using the Business Benchmark on Farm Animal Welfare? Investor Briefing No. 20* (BBFAW, London), <http://www.bbfaw.com/media/1077/how-investors-are-using-the-business-benchmark-on-farm-animal-welfare.pdf>; Nicky Amos and Rory Sullivan (2015), *How Are Companies Using the Business Benchmark on Farm Animal Welfare? Investor Briefing No. 16* (BBFAW, London), <http://www.bbfaw.com/media/1071/investor-briefing-no-16-how-are-companies-using-the-benchmark.pdf>

CHAPTER 3: THE STRUCTURE OF THE BENCHMARK

3.1 Alignment with Corporate Responsibility Reporting

The starting point for BBFAW was that the majority of companies will want to report on farm animal welfare in a similar manner to other corporate responsibility issues. For any particular social or environmental issue, investors and other stakeholders generally expect companies to provide⁷:

- Information on the company's activities to the extent that such information is necessary to put its social and environmental impacts into context.
- A description of the company's governance and management arrangements for the environmental or social issue(s) in question.
- Details of the business risks and impacts of the issue(s) in question, together with a clear statement on the financial implications – positive or negative – of these issues for the business.
- Details of their policies on the issue(s) in question.
- A description of the company's engagement with relevant stakeholders on the issue(s) in question.
- Their objectives, targets and key performance indicators for the issue(s) in question, together with a discussion of how they intend to deliver on these objectives and targets.
- An assessment of their progress towards meeting their objectives and targets, together with a discussion of the factors that have affected their performance.
- An assessment of their performance against their policies and against other commitments (e.g. codes of conduct) that they have made.
- Forward-looking information on how performance is expected to evolve over time and the key factors (changes in the business environment, public policy and regulation, consumer trends, stakeholder pressures, etc.) that may affect performance.

⁷ Rory Sullivan (2011), *Valuing Corporate Responsibility: How Do Investors Really Use Corporate Responsibility Information?* (Greenleaf Publishing, Sheffield).

3.2 Benchmark Structure

The Benchmark has been designed to align with the reporting expectations above. The questions – see further Chapter 5 – cover four core areas as follows:

- **Management Commitment** – description of the company's policies and positions on farm animal welfare, including specific commitments on critical animal welfare measures (e.g. the avoidance of close confinement, long distance live transportation);
- **Governance and Management** – board and senior management oversight of farm animal welfare strategy and operations, performance measurement, targets and objective setting, internal controls, the adoption of assurance standards, and reporting on progress against policy and objectives; and
- **Leadership and Innovation** – investment in projects to advance farm animal welfare; external awards and accreditations; and advocacy on farm animal welfare.
- **Performance reporting** – discussion of the company's performance against key animal welfare policies and targets, including analysis of the factors that have influenced performance.

3.3 Farm Animal Welfare-Specific Issues

While, in many ways, farm animal welfare can be reported in a similar manner to other corporate responsibility issues, there are a number of specific issues and data that should also be reported by companies. Those that are relevant to the Benchmark are set out briefly here:

Management Commitment and Policy

1. Companies should provide a general account of why farm animal welfare is important to their business, including a discussion of the business risks and opportunities. Examples of the business issues that may be relevant include compliance with legislation and relevant voluntary and industry standards, security and sustainability of supply, productivity, waste, stakeholder/consumer expectations, pricing, risk management, reputation management, market opportunities, and business development.
2. Companies should publish an overarching farm animal welfare policy that sets out their core principles and beliefs on farm animal welfare, and that explains how these beliefs are addressed and implemented throughout the business. The policy should include:

- a. A clear statement of the reasons why farm animal welfare is important to the business.
 - b. A clear position with regard to its expected standards of farm animal welfare.
 - c. A description of the processes (e.g. senior management oversight, commitments to continuous improvement, performance monitoring, corrective action processes, public reporting on performance) in place to ensure that the policy is effectively implemented.
 - d. A clear definition of the scope of the policy, specifically whether the policy applies to all relevant animal species or not (including whether the policy – or a separate policy – applies to finfish aquaculture), whether the policy applies in all geographies or not, and whether the policy applies to all products the company produces, manufactures, sells or not.
3. Companies should set out their positions on priority farm animal welfare issues, including their positions on the close confinement and intensive systems for livestock and finfish, on the use of meat from genetically modified or cloned animals or their progeny or descendants, on the use of growth promoting substances, on the use of prophylactic antibiotics, on the avoidance of routine mutilations, on the avoidance of meat from animals that have not been subject to pre-slaughter stunning, and on long distance live transportation.
 4. As relevant to their activities and operations, companies should also set out their positions on the production and/or sale of controversial products and practices such as foie gras, white veal, and the religious slaughter of animals.

Governance and Policy Implementation

5. Companies should specify who (i.e. the position/title of the relevant individual(s)) is responsible for managing farm animal welfare-related issues on a day-to-day basis, and who is responsible at senior management level for overseeing the company's farm animal welfare policy and its implementation.
6. Companies should:
 - a. Publish the objectives they have set for farm animal welfare. These may include process measures (e.g. to formalise their farm animal welfare management systems, to introduce audits) and performance measures (e.g. to phase out specific non-humane practices, to ensure that specific standards are met for all species).
 - b. Specify the performance measures they are using to assess performance against these objectives and targets.
 - c. Explain how these objectives and targets are to be delivered including, as appropriate, details of the capital and other costs that are expected to be incurred, and the timeframe for the delivery of these objectives and targets.

- d. Report on their performance against the objectives and targets they have set for themselves.
7. Companies should describe their internal systems and controls for farm animal welfare. This should include discussion of:
 - a. Training in farm animal welfare for relevant employees.
 - b. The actions to be taken in the event of non-compliance with the farm animal welfare policy.
 - c. Pre-employment assessments (e.g. the qualifications and experience expected of employees on farm animal welfare).
 - d. Monitoring processes (e.g. CCTV, whistle-blowing processes, testing procedures) in place to ensure compliance with the farm animal welfare policy.
 8. Companies should describe how they implement their farm animal welfare policy through their supply chains. This should include discussion of:
 - a. How farm animal welfare issues are integrated into supplier contracts or codes of conduct, including (as relevant) how farm animal welfare issues are considered in performance reviews, monitoring and auditing.
 - b. How supplier performance on farm animal welfare is promoted.
 - c. How employee and supplier competencies to effectively manage farm animal welfare are developed.
 9. Companies should report on whether they assure their animals to a company-specific scheme, to a certified national assurance scheme or to a specific welfare scheme such as RSPCA Assured⁸, Label Rouge, GLOBALGAP 5-step or the Soil Association's organic standards.

Leadership and Innovation

10. Companies should indicate whether they are involved in research and development programmes to advance farm animal welfare, or industry or other initiatives directed at improving farm animal welfare.
11. Companies should describe how they engage with their customers or clients on farm animal welfare.

⁸ Note that RSPCA Assured is the new name for RSPCA Freedom Food. See further: <http://www.freedomfood.co.uk/news/2015/05/rspca-assured-is-the-new-name-for-freedom-food>

Performance Reporting

12. Companies should report on their performance on farm animal welfare performance⁹. Within this, they should report on commonly accepted welfare issues (e.g. the proportion of animals free from close confinement, the proportion of animals that are pre-slaughter stunned, the maximum permitted journey times for live animals) as well as on species-specific key welfare outcome indicators (e.g. gait score and footpad dermatitis in broiler hens, tail-biting and lameness in pigs, bone breakage and feather coverage in laying hens, as well as those related to mental wellbeing and expression of natural behaviour) that they use to manage their business.

13. Companies should report on trends in performance, including discussion of the factors that have influenced performance (positively or negatively).

⁹ For further information, see Nicky Amos and Rory Sullivan (2014), *Reporting on Performance Measures for Farm Animal Welfare Investor Briefing No. 14* (Business Benchmark on Farm Animal Welfare, London). http://www.bbfaw.com/media/1074/investor-briefing-14_briefing-on-performance-measures.pdf

- **Animal welfare** encompasses not only physical wellbeing, but mental wellbeing and the ability to express important species-specific behaviours. All three aspects must be present for an animal to have a good quality of life. Animal welfare is about the welfare of the individual animal, and should be addressed through minimising the negative and maximising the positive experiences of the individual animals reared for food. Animal welfare provision is underpinned by good feeding, good housing (including appropriate design and environment provision), good health care, good breeding, and good management and stockmanship on farm, and of course good transport and slaughter conditions.
- **Performance in farm animal welfare** is the action or process of achieving an acceptable level of welfare throughout the process of breeding, rearing/finishing, transporting and slaughtering of animals in the food industry. Performance reporting of a company's practices refers to disclosure of a combination of resource/management inputs and indicators from the animals themselves (outcomes), both of which can be recorded quantitatively and objectively. Performance impact refers to the combination of these achievements on animal welfare.
- **Input-based measures** refer to the type of production system (e.g. caged, barn, free-range) used – this includes aspects of the housing (e.g. space allowance, provision of environmental enrichment), treatments and procedures, breed use, feeding and health management (e.g. the use of preventative antibiotics) – as well as the practices for transport and slaughter.
- **Outcome-based measures** focus on the most important species-specific measures (e.g. lameness and mastitis in dairy cows, gait score and footpad dermatitis in broilers, tail-biting and lameness in pigs, bone breakage and feather coverage in laying hens). Outcome-based measures are not confined to physical measures of wellbeing but also include aspects of mental wellbeing (e.g. reaction to humans or novelty, fear, comfort) and behaviour (e.g. time spent lying – resting, ruminating, or being active - foraging, perching, dust-bathing, socialising).

3.4 Weightings

The maximum Benchmark score is 205, awarded across 23 questions, with the scores allocated as follows:

Management Commitment and Policy:	70 points (34% of the total)
Governance and Management:	85 points (41%)
Leadership and Innovation:	30 points (15%)
Performance:	20 points (10%)

The scores for each individual question/sub-question, together with a detailed discussion of how each question/sub-question is assessed, are presented in Chapter 5.

3.5 Changes from the 2014 Benchmark

The number of points allocated to each of the management commitment and policy, the governance and management and the leadership and innovation questions was the same as in the 2014 Benchmark. However, the number of points assigned to the performance questions (which were assessed but did not form part of company scores in the 2014 Benchmark) increased to 20 points, leading to these questions accounting for approximately 10% of the company scores; this led to the weightings assigned to the other questions being proportionately reduced. Our expectation is that the weighting assigned to performance-based questions will rise to 35% by 2018 in line with our longer-term aim for the Benchmark to focus on performance rather than exclusively on management processes.

CHAPTER 4: THE ASSESSMENT APPROACH

4.1 Focus on the Corporate Entity

The focus of the evaluation was the corporate entity (i.e. the parent company) rather than subsidiaries. This reflects the aim of the Benchmark to assess how each company as a whole manages farm animal welfare issues. The Benchmark did (as is seen in Chapter 5) however give credit for the actions (e.g. innovative practices and processes) of subsidiaries or for actions in specific geographic regions.

4.2 Reliance on Published Information

Each company was assessed on the basis of the information that was publicly available *at the time of its assessment* (company assessments were conducted in August and September 2015). The information reviewed for each company included formal reports (e.g. annual reports, corporate responsibility reports), the information on the company's corporate and consumer websites, and the information provided in documents such as press releases and frequently asked questions¹⁰. We conducted similarly thorough reviews of the websites of company subsidiaries and brands, and, where relevant, postings on social media.

We did not award scores for information that was not in the public domain for two reasons. The first is that encouraging companies to provide a better account of their approach to farm animal welfare is a core objective of the Business Benchmark on Farm Animal Welfare. The second is that we wanted to ensure that companies were assessed consistently, and we wished to avoid any suggestion that companies that work with Compassion in World Farming and/or World Animal Protection were in any way favoured by the assessment methodology.

We did not give credit for information provided on other websites but that was not provided on companies' own websites or in their own publications. For example, a number of the companies reviewed had received farm animal welfare-related awards but did not refer to these awards on their own websites. Our rationale was that the lack of company acknowledgement of awards (or other positive developments) suggests that the company is either not interested in or aware of these positive developments. This, in turn, raises questions about the level of attention being paid to farm animal welfare more generally.

¹⁰ One of the reasons for such a broad approach to information gathering was that, for many companies, reporting on farm animal welfare is not consolidated in a single location. Many continue to report on farm animal welfare in an unstructured manner - with disparate references to policies and programmes across their websites or obscured within FAQs and press releases, and with inadequate signposting to relevant sources of information. We also found that many companies still do not provide yearly updates on practice and performance. It is still common for farm animal welfare to get highlighted in one year, but then fail to be mentioned in the next.

4.3 Focus on Farm Animal Welfare, not Corporate Responsibility/Sustainability

The focus of the Benchmark was on farm animal welfare rather than on corporate responsibility or sustainability. We therefore did not give credit for general corporate responsibility or sustainability disclosures unless the company explicitly linked these to farm animal welfare and/or it was clear that farm animal welfare was an integral part of the company's CSR/sustainability management system.

4.4 Company Feedback

Company reports based on our interim findings and scores were emailed to companies in October 2015. In the period October-November 2015, [32] (35% of the 90 companies) of the companies assessed responded with written comments or requested further dialogue on the assessment approach and scoring. As a result of these discussions, the scores for five companies were revised. It is important to stress that company scores were revised only in situations where there had been errors in the assessment process, either because of incorrect scores being awarded or because information that was in the public domain at the time of the assessment (August/September 2015) had been overlooked.

The final confidential company reports, showing individual scores and comments for each question, as well as overall company scores and comparable sector scores, were sent to the companies in January 2016.

4.5 Changes from the 2014 Benchmark

There were no changes in the assessment approach compared to previous Benchmarks. We continued to emphasise the importance of companies ensuring that the information provided is both up to date. As a general rule, unless the company clearly indicated that the information remained relevant and current, we did not give credit for information that was more than two years old.

In the 2014 Benchmark, we told a number of companies that their information was ambiguous and that, while we were willing to give them the benefit of the doubt, we expected them to update the information and/or confirm that the information remained current. Some of these companies did not respond and saw certain of their scores reduced as a result.

One of the most encouraging findings from both the 2015 and 2014 Benchmarks has been the significant improvement we have seen in the quality of corporate reporting. An increasing number of companies now provide a consolidated and organised account of their approach to farm animal welfare. In the best cases, this reporting not only facilitates our work when evaluating company approaches and performance, but it allows stakeholders to understand the business, to understand the relevance of farm animal welfare to the business, to understand how the

company is currently managing farm animal welfare, and to understand how the company will manage farm animal welfare in the future. This, in turn, allows for a better informed dialogue between companies and their stakeholders.

Despite this, however, the quantity of information provided by companies is of variable quality. While some information is of high quality, it is often ambiguous or vague. For example, a number of companies have made high level statements on specific issues (e.g. on the avoidance of long distance transport) but have not specified what these mean in practice (e.g. not specifying maximum journey times). In our feedback, we made it clear to these companies that the Benchmark is looking for specific statements, specific commitments and specific explanations about farm animal welfare.

CHAPTER 5: 2015 ASSESSMENT CRITERIA

The 2015 assessment criteria are presented below. Each question is supported by a rationale, the scoring framework and explanatory notes on how the assessment was conducted, including any issues or questions identified in the 2015 assessment.

Notes on the scoring framework:

- A number of the questions are binary (i.e. yes/no) in nature. Examples include Question 1 and the two parts of Question 17. In these questions, companies score either full marks or zero for the question.
- Certain questions impact the scoring of related questions. For example, Question 2 will be scored only if a score has been awarded for Question 1, and Question 3 will be scored only if a score has been awarded for Question 2. That is, a score of zero for Question 1 means that a company will receive a score of zero for Question 2 and, similarly, a score of zero for Question 2 means that a company will receive a score of zero for Question 3.
- For the majority of questions, the scoring is granular, allowing for criteria that are partially met (for example, where evidence is limited to a particular geography, species or product) to be acknowledged.

Table 1: 2015 Assessment Criteria

Management Commitment and Policy		
Question 1.	Does the company acknowledge farm animal welfare as a business issue?	
Rationale	Acknowledging farm animal welfare as a business issue is an important first step towards implementing a comprehensive approach to farm animal welfare management. It is good practice for food companies to identify whether and why farm animal welfare is a relevant issue for the business.	
Scoring	No evidence that farm animal welfare is regarded as a relevant business issue.	0
	Farm animal welfare is identified as a relevant business issue.	10
	(Max Score 10)	
Explanatory Notes	<ul style="list-style-type: none"> • This question was looking for an acknowledgement by the parent company that farm animal welfare is a business issue. • Companies that acknowledged farm animal welfare as a business issue and/or set out the reasons why farm animal might be a business issue (e.g. because of public or customer concerns, security and sustainability of supply, cost) were awarded the maximum points. • The score did not take account of the specific reasons advanced. • The score did not take account of the importance assigned by companies to farm animal welfare (e.g. relative to other corporate responsibility issues). The importance assigned by 	

	individual companies to farm animal welfare depends on factors such as the nature of their business, their existing management practices, the other business risks and priorities they need to manage, and their perceptions of customer and stakeholder pressure for action.
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Question 2.	Does the company publish an overarching corporate farm animal welfare policy (or equivalent)?	
Rationale	It is good practice for companies to formalise their approach to animal welfare in a policy (or equivalent document such as a statement of guiding principles, a code of practice or a sourcing charter). While the existence of a policy may not provide a guarantee of implementation, the absence of a policy is a clear sign that farm animal welfare is not on the business agenda.	
Scoring	No evidence of a formal policy statement (or equivalent) on farm animal welfare.	0
	Broad commitment to farm animal welfare in a policy statement (or equivalent) but no description of how the policy is to be implemented.	5
	Broad commitment to farm animal welfare within a policy statement (or equivalent) and a description of the processes in place to ensure that the policy is effectively implemented.	10
	(Max Score 10)	
Explanatory Notes	<ul style="list-style-type: none"> • The assessment did not differentiate between companies that published stand-alone farm animal welfare policies and companies that incorporated farm animal welfare into wider responsible sourcing or sustainability policies or codes of practice. • Companies that published a clear statement of commitment to farm animal welfare and/or farm animal welfare-related principles that provided a starting point for the company's accountability to its stakeholders were awarded a score of 5 points. • Companies that supplemented these commitments or principles with details of how these were to be implemented were awarded a score of 10 points. To score maximum points, company farm animal welfare policies needed to include most/all of the following: <ul style="list-style-type: none"> — A clear statement of the reasons why farm animal welfare was important to the business (including both the business case and the ethical case for action) — A commitment to compliance with relevant legislation — A clear position with regard to expected standards of farm animal welfare — A description of the processes in place to ensure that the policy was effectively implemented (e.g. senior management oversight, commitments to continuous improvement, performance monitoring, corrective action in the event that the policy was not being effectively 	

	implemented) — A commitment to continuous improvement and public reporting on performance.
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Question 3.	Does the policy statement provide a clear explanation of scope?		
Rationale	Understanding the scope of a policy is important to understand the breadth of a company's commitment to action on farm animal welfare.		
Scoring	Scope not specified	0	
	<i>Geographic scope</i>	Not specified	0
		Scope is limited to certain specified geographies	2
		Scope is universal across all geographies	5
	<i>Species covered</i>	Not specified	0
		Scope is limited to certain specified species	2
		Scope is universal across all relevant species	5
	<i>Products covered</i>	Not specified	0
		Scope is limited to own-brand products or ingredients (i.e. the policy does not apply to imported or other brand products)	2
		Scope is universal across own brand, imported and other brand products	5
	(Max Score 15)		
Explanatory Notes	<ul style="list-style-type: none"> • This question was only scored if marks had been awarded for Question 2, i.e. when the company had a published farm animal welfare policy. • The sub-questions on geography, species and products were scored separately (i.e. companies could score up to 5 points in each of the three sub-questions, and the scores for each sub-question did not influence the scores awarded for the other sub-questions). • The question acknowledges that policies can vary from market to market, across species and across product ranges. Companies were given credit if they clearly specified the limits to the application of their farm animal welfare policies. • In some cases, companies used terms such as 'all animals' or 'all products'. For the purposes of this assessment, we took this to mean that the policy had universal application (with respect to animals and products respectively) and companies received 5 points for these sub-questions. • For companies involved in or using the products from finfish aquaculture, we have assumed that the corporate farm animal welfare policy also applied to finfish (i.e. the policy had universal application) unless the company stated otherwise. Where there was ambiguity, we highlighted this in our feedback to companies and we encouraged these companies to clarify whether their 		

	<p>farm animal welfare policy also applied to finfish and/or to product a specific policy for finfish.</p> <ul style="list-style-type: none"> • We defined finfish aquaculture as the breeding, rearing and harvesting of aquatic vertebrates (i.e. cold blooded animals with a bony or cartilaginous skeleton and a segmented spinal column) in all types of water environments, including ponds, rivers, lakes and the ocean. • We did not consider policies for finfish that focused on conservation or sustainable fishing, unless there was an explicit reference to animal welfare within these.
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Question 4.	Does the company have a clear position on the avoidance of close confinement and intensive systems for livestock (e.g. sow stalls, concentrated animal feeding operations (CAFOs), feedlots, farrowing crates, single penning, battery cages, tethering, veal crates, force feeding and, for finfish, high stocking densities and close confinement of solitary finfish species)?	
Rationale	Many of the most significant farm animal welfare concerns result from close confinement practices (such as those listed above) or from high stocking densities in the case of finfish. It is good practice for companies to commit to no close confinement of farm animals and to avoid excessively high stocking densities.	
Scoring	No stated position.	0
	The company has made a partial commitment to the avoidance of confinement but the scope (in terms of geography, species, products) is not clearly defined.	1
	The company has made a partial commitment to the avoidance of confinement and the scope of the commitment (in terms of geography, species and products) is clearly defined.	3
	Universal commitment to avoid confinement across all relevant species, own-brand and other brand products and geographies.	5
	(Max Score 5)	
Explanatory Notes	<ul style="list-style-type: none"> • This question was looking for a clear position on the avoidance of close confinement. • Simply stating compliance with legislation (e.g. with EU Directives on egg laying hens and sow stalls) was not treated as a proxy for having a clear position on the avoidance of close confinement. The reasons are (a) legislation, even in the EU, does not cover all close confinement practices, (b) a commitment to compliance with legislation does not provide guarantees on performance in countries where such legislation is absent. Companies that stated that they complied with legislation but did not have a formal policy on close confinement were, therefore, awarded zero points. • Similarly, simply stating compliance with a farm assurance 	

	<p>standard that prohibits close confinement was not treated as a proxy for having a clearly stated position, unless the commitment to avoidance was made explicit (e.g. compliance with the standard was presented as a way of delivering on its commitment to the avoidance of close confinement).</p> <ul style="list-style-type: none"> • Companies that made a commitment to the avoidance of close confinement but were not clear about the scope (in terms of geography, species, products) were awarded a score of 1 point. • Companies that made a commitment to the avoidance of close confinement for a specific product or product range (e.g. using only free-range eggs) were awarded a score of 1 point.
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Question 5.	Does the company have a clear position on the avoidance of products from farm animals subject to genetic engineering or cloning and/or their progeny or descendants throughout its products?	
<i>Rationale</i>	Both cloning and genetic engineering raise serious animal welfare concerns ¹¹ . In farmed fish species this includes heat treatment of eggs to induce triploidy, which renders fish sterile.	
<i>Scoring</i>	No stated position.	0
	The company has made a partial commitment to the avoidance of animals subject to genetic engineering or cloning but the scope (in terms of geography, species or products) is not clearly defined.	1
	The company has made a partial commitment to the avoidance of animals subject to genetic engineering or cloning and the scope (in terms of geography, species and products) is clearly defined.	3
	Universal commitment to avoidance of animals subject to genetic engineering or cloning across all relevant species, own-brand and other brand products and geographies.	5
	(Max Score 5)	
<i>Explanatory Notes</i>	<ul style="list-style-type: none"> • This question was looking for a clear position on the avoidance of products from farm animals subject to genetic engineering or cloning and/or their progeny or descendants. • Simply stating compliance with legislation was not treated as a proxy for having a clear position on the avoidance of products from farm animals subject to genetic engineering or cloning and/or their progeny or descendants. The reasons are (a) legislation, even in the EU, does not cover all relevant issues, (b) a commitment to compliance with legislation does not provide guarantees on performance in countries where such legislation is absent. Companies that stated that they complied with legislation but did not have a formal policy were, therefore, awarded zero 	

¹¹ For a detailed discussion of the animal welfare implications of cloning and genetic engineering, see Peter Stevenson (2012), *Cloning and Genetic Engineering of Farm Animals*. BBFAW Investor Briefing No. 6 (September 2012) (BBFAW, London), http://www.bbfa.com/media/1083/briefing-no6_cloning-and-genetic-engineering-of-farm-animals.pdf

	<p>points.</p> <ul style="list-style-type: none"> • Similarly, simply stating compliance with a farm assurance standard that prohibits genetic modification was not treated as a proxy for having a clearly stated position, unless the commitment to avoidance was made explicit (e.g. compliance with the standard was presented as a way of delivering on its commitment to the avoidance of genetically modified or cloned animals). • Companies that made a commitment to the avoidance of products from farm animals subject to genetic engineering or cloning and/or their progeny or descendants but were not clear about the scope (in terms of geography, species, products) were awarded a score of 1 point. • Companies that published general statements on the avoidance of products or ingredients subject to genetic engineering or cloning were not awarded points unless these statements explicitly referred to animals as a part of these products or ingredients. For example, we did not consider statements relating to genetically modified crops used in animal feed. • We did not award points to companies that stated that they would not use products from farm animals subject to genetic engineering or cloning and/or their progeny or descendants so long as these were prohibited by legislation or opposed by consumers. That is, we were looking for unqualified rather than qualified commitments.
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Question 6.	Does the company have a clear position on the avoidance of growth promoting substances?	
<i>Rationale</i>	Antibiotics given at low doses improve food conversion rates, most likely by changing the composition of gut microbiota in a way that enables animals to grow faster using less feed. Hormonal growth promoters are used to specifically promote abnormal muscle growth or milk production in animals farmed for food. The use of growth promoting substances can undermine animal welfare, as they may enable animals to grow or produce milk in a way that puts excessive strain on their physiological capabilities. While the use of hormonal growth promoters and the use of antibiotics for growth promotion are banned in the EU, their use is widely practised outside of Europe.	
<i>Scoring</i>	No stated position.	0
	The company has made a partial commitment to the avoidance of growth promoting substances, but the scope (in terms of geography, species or products) is not clearly defined.	1
	The company has made a partial commitment to the avoidance of growth promoting substances, but the scope (in terms of geography, species and products) is clearly defined.	3
	Universal commitment to the avoidance of growth promoting substances.	5
	(Max Score 5)	

Explanatory Notes	<ul style="list-style-type: none"> • This question was looking for a clear position on the avoidance of growth promoting substances which are typically used to increase the muscle (meat) or milk production of animals farmed for food. Examples include the hormone BST used to increase milk production, hormone feed additives in pig production (e.g. ractopamine) and low dose antibiotics. • Simply stating compliance with legislation was not treated as a proxy for having a clear position on the avoidance of growth promoting substances. The reasons are (a) legislation, even in the EU, does not cover all relevant issues¹², (b) a commitment to compliance with legislation does not provide guarantees on performance in countries where such legislation is absent. Companies that stated that they complied with legislation but did not have a formal policy were, therefore, awarded zero points. • Similarly, simply stating compliance with a farm assurance standard that prohibits the use of growth hormones was not treated as a proxy for having a clearly stated position, unless the commitment to avoidance was made explicit (e.g. compliance with the standard was presented as a way of delivering on its commitment to the avoidance of growth promoting substances). • Companies that stated that they avoided the use of antibiotics as preventative measures but did not explicitly prohibit their use as growth promoters were not awarded points for this question. • Companies with a stated target to reduce the level of growth promoting substances (rather than avoidance) were not awarded points for this question (although they may have scored points for Question 11 if the target/objective had a clear link to farm animal welfare).
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Question 7.	Does the company have a clear position on the reduction or avoidance of antibiotics for prophylactic use?
Rationale	<p>The over-use of antibiotics in humans and in animals is directly linked to the increase in antibiotic resistance. The use of antibiotics on-farm (typically through feed or water) is frequently prophylactic; effectively 'propping up' intensive farming systems where animals are kept in confined and stressful conditions and where their immune systems are compromised and disease outbreaks can spread rapidly¹³. Companies are expected to commit to reducing the levels of antibiotics they administer routinely and to develop animal production systems that are not reliant on the routine use of</p>

¹² For example, the use of hormone and antibiotic growth promoters is not permitted by EU legislation. While products treated with hormone growth promoters cannot be imported into the EU, the same is not true of products produced with antibiotic growth promoters.

¹³ See, further, Vicky Bond and Jemima Jewell (2014), The Impacts of Antibiotic Use in Animals on Human Health and Animal Welfare. BBFAW Investor Briefing No. 17 (BBFAW, London). <http://www.bbfa.com/media/1070/briefing-17-impacts-of-antibiotic-use-in-animals-on-human-health-and-animal-welfare.pdf>

	antibiotics for disease prevention.	
Scoring	No stated position.	0
	The company has made a partial commitment to the reduction or avoidance of the routine use of antibiotics, but the scope (in terms of geography, species or products) is not clearly defined.	1
	The company has made a partial commitment to the reduction or avoidance of the routine use of antibiotics, and the scope (in terms of geography, species and products) is clearly defined.	3
	Universal commitment to the reduction or avoidance of the routine use of antibiotics across all geographies, species and products.	5
	(Max Score 5)	
Explanatory Notes	<ul style="list-style-type: none"> We defined antibiotics as medicines used to control infectious diseases in humans and animals. There are four broad categories of on-farm use of antibiotics, namely: therapeutic (i.e. giving a treatment when clinical disease is identified), metaphylactic (i.e. giving treatment to a group of animals when some are showing signs of illness), prophylactic (i.e. giving a treatment to an animal or group of animals in anticipation of a disease or when there is a risk of infection), and growth promotion (i.e. giving antibiotics to improve the growth rates of animals). This question was looking for a clear position on the reduction or avoidance of antibiotics for prophylactic use. Simply stating compliance with legislation was not treated as a proxy for having a clear position on the reduction or avoidance of antibiotics for prophylactic use. Similarly, simply stating compliance with a farm assurance standard that prohibits or restricts antibiotic use was not treated as a proxy for having a clearly stated position, unless the commitment to reduction or avoidance of antibiotic use was made explicit (e.g. compliance with the standard was presented as a way of delivering on its commitment to the reduction or avoidance of antibiotic use). 	

Question 8.	Does the company have a clear position on the avoidance of routine mutilations (castration, teeth clipping, tail docking, toe clipping, dehorning, desnooding, de-winging, disbudding, mulesing, beak trimming, fin clipping)?
Rationale	Many farm animals are subjected to procedures that alter their bodies, often with no anaesthesia, causing pain and distress. Examples include beak trimming, castration of beef cattle with knives, branding with hot irons, dehorning of dairy cattle with hot irons, castration and tail docking of pigs, and fin clipping in finfish aquaculture.

Scoring	No stated position.	0
	The company has made a partial commitment to the avoidance of routine mutilations but the scope (in terms of geography, species or products) is not clearly defined.	1
	The company has made a partial commitment to the avoidance of routine mutilations and the scope (in terms of geography, species and products) is clearly defined.	3
	Universal commitment to avoidance of routine mutilations across all relevant species, own-brand and other branded products and geographies.	5
	(Max Score 5)	
Explanatory Notes	<ul style="list-style-type: none"> • This question was looking for a clear position on the avoidance of routine mutilations. • Simply stating compliance with legislation was not treated as a proxy for having a clear position on the avoidance of routine mutilations. The reasons are (a) legislation does not cover all routine mutilations, (b) a commitment to compliance with legislation does not provide guarantees on performance in countries where such legislation is absent. Companies that stated that they complied with legislation but did not have a formal policy were, therefore, awarded zero points. • Similarly, simply stating compliance with a farm assurance standard that prohibits routine mutilations was not treated as a proxy for having a clearly stated position, unless the commitment to avoidance was made explicit (e.g. compliance with the standard was presented as a way of delivering on its commitment to the avoidance of routine mutilations). • Companies that made a commitment to the avoidance of routine mutilations but were not clear about the scope (in terms of geography, species, products) were awarded a score of 1 point. 	

Question 9.	Does the company have a clear position on the avoidance of meat from animals that have not been subjected to pre-slaughter stunning, or (in the case of finfish) meat from animals that have not been rendered insensible?	
Rationale	It is essential to render an animal unconscious before it is slaughtered in order for it to be insensible to pain, discomfort and stress, until death occurs.	
Scoring	No stated position.	0
	The company has made a partial commitment to avoid the use of meat from animals that have not been subjected to pre-slaughter stunning or from finfish that have not been rendered insensible but the scope (in terms of geography, species or products) is not clearly defined.	1
	The company has made a partial commitment to avoid the use of meat from animals that have not been subjected to pre-	3

	slaughter stunning or from finfish that have not been rendered insensible and the scope (in terms of geography, species and products) is clearly defined.	
	Universal commitment to avoid the use of meat from animals that have not been subjected to pre-slaughter stunning or from finfish that have not been rendered insensible across all species, own-brand and other branded products and geographies.	5
	(Max Score 5)	
Explanatory Notes	<ul style="list-style-type: none"> • This question was looking for a clear commitment to the use of stunning (typically using carbon dioxide or electrical stunning methods) to render animals unconscious immediately prior to slaughter (or rendered insensible in the case of finfish) • Simply stating compliance with legislation was not treated as a proxy for having a clear commitment to pre-slaughter stunning. The reasons are (a) legislation may not be comprehensive, (b) a commitment to compliance with legislation does not provide guarantees on performance in countries where such legislation is absent. Companies that stated that they complied with legislation but did not have a formal policy were awarded zero points. • Similarly, simply stating compliance with a farm assurance standard that requires pre-slaughter stunning was not treated as a proxy for having a clearly stated position, unless the commitment to avoidance was made explicit (e.g. compliance with the standard was presented as a way of delivering on its commitment to the avoidance of meat from animals that have not been subjected to pre-slaughter stunning). • Companies that made a commitment to pre-slaughter stunning but were not clear about the scope (in terms of geography, species, products) were awarded a score of 1 point. • Companies that described the actions taken (e.g. the installation of CCTV in abattoirs) but did not make a formal policy commitment to pre-slaughter stunning were awarded a score of zero points for this question. • Some companies made exceptions to requirements for pre-slaughter stunning to account for religious concerns (e.g. for Halal meat for Muslim communities, Kosher or Shechita meat for Jewish communities). In these situations, so long as the scope of the exception was clear, companies were awarded 3 points for this question. 	

Question 10.	Does the company have a clear position on the avoidance of long distance live transportation?
Rationale	When being transported, animals can experience hunger, thirst, discomfort, pain, frustration, fear and distress, as well as physical welfare problems including injury, disease, and, in the worst cases, death. For these reasons, transport of live animals should be

	<p>minimised wherever possible and journeys should be kept as short as possible. Specifically, any transport of a live animal that exceeds 8 hours, from loading to unloading, has been shown to decrease welfare significantly. In the case of farmed fish, handling practices and water quality conditions, particularly oxygenation, can have a significant impact on welfare.</p>	
Scoring	No stated position.	0
	The company has made a partial commitment to avoid the use of long distance transport but the scope (in terms of geography, species or products) is not clearly defined.	1
	The company has made a partial commitment to avoid the use of long distance transport and the scope (in terms of geography, species and products) is clearly defined.	3
	Universal commitment to avoidance of long distance live transportation across all species, own-brand and other branded products and geographies.	5
	(Max Score 5)	
Explanatory Notes	<ul style="list-style-type: none"> • This question was looking for a clear commitment to the avoidance of long distance live transportation, where long distance was defined as eight hours or more from loading to unloading. • Simply stating compliance with legislation was not treated as a proxy for having a clear commitment to the avoidance of long distance live transportation. The reasons are (a) legislation may not be comprehensive, (b) a commitment to compliance with legislation does not provide guarantees on performance in countries where such legislation is absent. Companies that stated that they complied with legislation but did not have a formal policy were, therefore, awarded zero points. • Similarly, simply stating compliance with a farm assurance standard that imposes limits on transportation times was not treated as a proxy for having a clearly stated position, unless the commitment to avoidance was made explicit (e.g. compliance with the standard was presented as a way of delivering on its commitment to the avoidance of long-distance transport) and the maximum journey time was specified. • Companies that stated that transport distances are low (e.g. because of local sourcing, or the geographic boundaries of the areas where they operate) were not considered to have made a policy commitment to the avoidance of long distance live transport. <p>Companies that made a commitment to the avoidance of long distance live transportation but were not clear about the scope (in terms of geography, species, products) were awarded a score of 1 point.</p>	

Governance and Management									
Question 11.	Has the company assigned management responsibility for farm animal welfare to an individual or specified committee?								
Rationale	When looking at the management of farm animal welfare, both oversight and implementation responsibilities are important. Oversight is necessary to ensure that senior management is aware of the business implications of farm animal welfare and is prepared to intervene when needed (e.g. if there are tensions between the organisation's farm animal welfare policy and other business objectives). However, it is often the case that those charged with oversight know relatively little about the specific details of how to effectively manage farm animal welfare. It is, therefore, important that there are individual(s) responsible for ensuring that the farm animal welfare policy is implemented and that farm animal welfare is effectively managed.								
Scoring	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">No clearly defined management responsibility.</td> <td style="width: 20%; text-align: center;">0</td> </tr> <tr> <td>Published details of the management position with responsibility for farm animal welfare on a day-to-day basis.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Published details of how the board or senior management oversees the implementation of the company's farm animal welfare policy.</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2" style="text-align: right;">(Max score 10)</td> </tr> </table>	No clearly defined management responsibility.	0	Published details of the management position with responsibility for farm animal welfare on a day-to-day basis.	5	Published details of how the board or senior management oversees the implementation of the company's farm animal welfare policy.	5	(Max score 10)	
No clearly defined management responsibility.	0								
Published details of the management position with responsibility for farm animal welfare on a day-to-day basis.	5								
Published details of how the board or senior management oversees the implementation of the company's farm animal welfare policy.	5								
(Max score 10)									
Explanatory Notes	<ul style="list-style-type: none"> • The two sub-questions were scored separately (i.e. companies could score 5 points for publishing details of who was responsible for farm animal welfare on a day-to-day basis and 5 points for publishing details of senior management responsibility for overseeing the farm animal welfare policy). • For the purposes of scoring the question on day-to-day responsibility, the question was not looking for named individuals, but evidence of roles with responsibility for farm animal welfare (e.g. a statement that this was the responsibility of a dedicated technical or sourcing manager, or a statement that responsibility was divided among a number of functions, with information on the various roles and responsibilities). • For the oversight question, we recognised that companies may assign responsibility to a named senior person or that farm animal welfare may form part of the remit of a wider sustainability, CSR or sourcing committee. • For the purposes of scoring, the emphasis was on the management of farm animal welfare. General information on the management or oversight of CSR or sustainability was only credited if it was clear that this included farm animal welfare. 								
Question 12.	Has the company set objectives and targets for the management of farm animal welfare?								
Rationale	Objectives and targets are the point where policy commitments are								

	translated into substantive action, and where resources and responsibilities are allocated for the delivery of these objectives and targets.	
Scoring	No published objectives and targets.	0
	Published objectives and targets but with no information on how these are to be achieved.	5
	Published objectives and targets together with information on the actions to be taken to achieve these, the resources allocated and the schedule for the delivery of these objectives and targets.	10
	(Max score 10)	
Explanatory Notes	<ul style="list-style-type: none"> • This question was looking for evidence of explicit farm animal welfare-related targets, and for evidence that the company had a clear plan for achieving these targets. • We did not award points for objectives and targets adopted for other purposes (e.g. quality), unless improving farm animal welfare was an explicit aim of these objectives and targets. • For the purposes of scoring, we did not differentiate between process (e.g. to formalise their farm animal welfare management systems, to introduce audits) and performance (e.g. to phase out specific non-humane practices, to ensure that specific standards are met for all species) targets. • Companies were awarded maximum points if they provided information on how the targets were to be achieved, e.g. by specifying the main actions to be taken, by indicating the financial and other resources required. 	

Question 13.	Does the company report on its performance against its animal welfare policy and objectives?	
Rationale	Companies should explain how they have performed against their policy commitments, against the objectives and targets, and provide an explanation of progress and trends in performance.	
Scoring		
	<i>Policy</i>	
<i>Objectives and targets</i>	The company does not report on how it has performed against the commitments set out in its overarching policy.	0
	The company reports on how it has performed against the commitments set out in its overarching policy.	5
	The company does not report on how it has performed against its objectives and targets.	0
	The company reports on how it has performed against its objectives and targets.	5
<i>Explanation of progress and trends in performance</i>	The company does not report on progress on animal welfare performance (either in terms of input measures or welfare outcome measures).	0
	The company reports on progress on at least one animal welfare performance measure (either an input measure or a	4

	welfare outcome measure), but this is limited to certain species, products or geographies and there is no explanation of trends in performance.	
	The company reports on progress on at least one animal welfare performance measure (either an input measure or a welfare outcome measure) in its supply chain, but this is limited to certain species, products or geographies, although it does provide an explanation of progress and trends in performance.	6
	The company reports on at least one performance measure (either an input measure or a welfare outcome measure) per relevant species across all geographies but there is no explanation of progress or trend in performance.	8
	The company reports on at least one performance measure (either an input measure or a welfare outcome measure) per relevant species across all geographies, and it provides an explanation of progress or trend in performance.	10
	(Max score 20)	
Explanatory Notes	<ul style="list-style-type: none"> • The sub-questions (on policy, objectives and targets, and progress) were scored independently (i.e. the scores for each sub-question did not influence the scores on the other sub-questions). • The policy question was only assessed if marks had been awarded for Question 2, i.e. the company had published a farm animal welfare policy. Otherwise, zero points were awarded for this part of the question. • The objectives and targets question was only assessed if the company had been awarded 5 or 10 points for Question 11, i.e. the company had published objectives and targets. Otherwise, a score of zero was awarded for this part of the question. • Because performance reporting is relatively underdeveloped, we did not prescribe the performance indicators to be used. We awarded scores for input-based measures (i.e. measures relating to the type of production system, e.g. caged, barn, free-range, used as well as the practices for transport and slaughter) and outcome-based measures (which are indicators that relate to the physical and mental wellbeing of the animals themselves, e.g. lameness and mastitis in dairy cows, gait score and footpad dermatitis in broilers, tail-biting and lameness in pigs, bone breakage and feather coverage in laying hens). • We did not prescribe the form in which performance data were reported. We awarded scores for reporting in absolute (e.g. number of animals) and relative (e.g. as a percentage of the total number of animals, as a proportion of the species in question) terms. 	

Question 14.	Does the company describe its internal processes for ensuring that its farm animal welfare policy is effectively implemented?	
Rationale	The effective implementation of a farm animal welfare policy relies on employees who are competent to oversee the implementation of the policy, and on controls that allow the company to respond quickly and effectively in the event of non-compliance with the policy.	
Scoring		
<i>Training of Internal Staff</i>	No information provided on employee training in farm animal welfare.	0
	Specific training provided to employees in farm animal welfare.	5
<i>Internal Controls</i>	No information provided on the actions to be taken in the event of non-compliance with the farm animal welfare policy.	0
	The company describes the actions it takes in the event of non-compliance with its farm animal welfare policy.	5
	(Max score 10)	
Explanatory Notes	<ul style="list-style-type: none"> • The sub-questions (on training and on internal controls) were scored independently (i.e. the scores for each sub-question did not influence the scores for the other sub-questions). • On training, companies were only awarded 5 points if the training provided was aimed at employees and if it explicitly addressed farm animal welfare-related issues. • The training question did not address the quality of the training provided, the manner in which skills or competencies were assessed, the number of employees receiving training or the number of hours of training provided. • On internal controls, companies were only awarded 5 points if they explicitly discussed the actions that they take in relation to non-compliance with their farm animal welfare policy. A number of the companies reviewed described their internal controls in relation to CSR or product quality-related policies. However, unless it was clear that these policies and processes also covered farm animal welfare, companies scored zero for this sub-question. 	

Question 15.	Does the company describe how it implements its farm animal welfare policy (or equivalent) through its supply chain?	
Rationale	Many of the business risks and opportunities associated with farm animal welfare relate to companies' supply chains. Companies have the ability to influence their suppliers' performance both formally (e.g. through contracts, auditing processes) and informally (e.g. through capacity building and education).	
Scoring		
	No description of processes for implementing farm animal welfare policy through supply chain.	0
Supplier Contracts	No information on how farm animal welfare is included in supplier contracts.	0
	Farm animal welfare incorporated into contractual obligations for suppliers but limited by geography and/or certain products or species	3
	Farm animal welfare incorporated into contractual obligations for suppliers across all species, products and geographies.	5
Monitoring and Auditing	No information provided on how supplier compliance with contract conditions is monitored.	0
	Farm animal welfare specified as part of supplier auditing programme.	5
Education and Support	Specific support and/or education provided to suppliers on farm animal welfare policy/issues.	5
	(Max score 15)	
Explanatory Notes	<ul style="list-style-type: none"> The sub-questions (on contracts, auditing and supplier education) were scored independently (i.e. the scores for each sub-question did not influence the scores for the other sub-questions). On contracts, companies were awarded 3 points if they indicated that they included farm animal welfare in contracts but did not indicate whether this applied to all relevant contracts or if they indicated that farm animal welfare was not included in all contracts. On auditing, companies were only awarded 5 points if it was clear that their auditing processes explicitly covered farm animal welfare. Many of the companies reviewed reported that they audited their suppliers against safety and/or quality standards, but unless it was clear that these audit processes covered farm animal welfare, companies scored zero for this sub-question. 	

	<ul style="list-style-type: none"> On supplier support and/or education, 5 points were awarded to companies that published case studies or examples and/or provided a more comprehensive description of their approach. The award of 5 points was not dependent on the number or proportion of suppliers receiving this support and/or education. A number of the companies reviewed described their support to suppliers on a range of supply chain issues. However, unless it was clear that this support also covered farm animal welfare, companies scored zero for this sub-question.
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Question 16.	Does the company assure its welfare scheme to a prescribed standard?	
Rationale	Farm assurance schemes provide frameworks for managing farm animals, including their health and welfare, provenance and the legal compliance of the systems used. They can also play an important role in promoting higher welfare standards. Where species-specific legislation exists, schemes should ensure that minimum legislative standards are met and preferably schemes should lift the standards above the minimum. Where there is no species-specific legislation, assurance standards are increasingly important for protecting welfare.	
Scoring	No assurance standard specified.	0
	A proportion of products audited to basic farm assurance (or equivalent company) standard, but no information on the balance.	3
	A proportion of products audited to a combination of basic and higher farm assurance (or equivalent company) standard, but no information on the balance.	6
	100% of products audited to basic farm assurance (or equivalent company) standard.	10
	100% of products audited to a combination of a basic farm assurance (or equivalent company) standard and a higher welfare assurance (or company equivalent standard).	15
	100% of products audited to higher level (or company equivalent) assurance standard.	20
	(Max Score 20)	
Explanatory Notes	<ul style="list-style-type: none"> Basic farm assurance standards typically do not go beyond legislative requirements for welfare and so contribute relatively little to enhanced welfare. In general, these involve yearly inspections by an independent body. Examples of standards which provide basic farm assurance (typically within a wider 	

	<p>quality context) include the Red Tractor Farm Assurance Schemes, BEIC Lion Quality, Viande de Porc Française, Certification de Conformité de Produits, and Best Aquaculture Practice (BAP) Standards.</p> <ul style="list-style-type: none"> • Farming systems that provide for behavioural freedom without compromising health can be described as having higher welfare potential. Whilst it is essential to set high standards to ensure livestock production systems have high welfare potential, it is also important to monitor welfare outcomes (such as mortality, disease, lameness, injuries and the occurrence of normal and abnormal behaviours) to assess the overall performance of the system. In general, schemes with an animal welfare focus require system inputs which offer a higher welfare potential. However, they may also include more detailed welfare outcome measures and more frequent/ detailed inspections than basic farm assurance standards. Examples of higher welfare schemes, which offer many welfare advantages relative to standard industry practice for all species, include the Soil Association organic standards, RSPCA Assured, Beter Leven, KRAV, Label Rouge, Neuland, GLOBALGAP 5-Step for certain species. . • Where companies reported on performance by reference to their own internal standards, we needed a clear description of how the company standard compared to the relevant basic or higher assurance standards outlined above in order for points to be awarded. • Companies that reported on performance by reference to the proportion of products audited but without specifying whether these were to basic or higher farm assurance standards were awarded 3 points. • There are a number of voluntary schemes which claim to incorporate animal welfare components but are, in fact, designed to assure quality or safety standards. In these instances, it is not always clear what standards, if any, of farm animal welfare are expected. Companies that described their performance against these sorts of standards generally did not receive points unless there was a clear description of the farm animal welfare elements of such standards.
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Innovation	
Question 17.	Is the company currently investing in projects dedicated to advancing farm animal welfare practices within the industry?
<i>Rationale</i>	Farm animal welfare is a collective issue for the food industry as well as being an individual issue for each company in the industry. Making progress and raising standards across the industry requires individual companies to support research and development programmes to improve farm animal welfare, to share their knowledge and expertise with their suppliers and with their industry

	peers, to play a supportive role in public policy debates around farm animal welfare, and to support industry and stakeholder initiatives directed at improving farm animal welfare.	
Scoring	No evidence of involvement in advancing farm animal welfare beyond company practices.	0
<i>Research and development</i>	Evidence of current involvement in research and development programmes to improve farm animal welfare.	5
<i>Lobbying and industry engagement</i>	Evidence of active involvement in industry or other initiatives (e.g. working groups, supporting NGO lobbying, responding to government consultations) directed at improving farm animal welfare.	5
	(Max Score 10)	
Explanatory Notes	<ul style="list-style-type: none"> The sub-questions (on research and development and industry initiatives) were scored independently (i.e. the scores for each sub-question did not influence the scores on the other sub-questions). Companies that reported on their involvement in initiatives or programmes to improve farming techniques on environmental, safety or quality grounds, for example, were not awarded a score unless there was a clearly defined farm animal welfare element to these initiatives. Similarly, only those industry initiatives that were explicitly directed at improving farm animal welfare were eligible to be scored. In order to receive a score of 5 points for either sub-question, it was necessary for companies to demonstrate not only that the initiatives had a meaningful farm animal welfare dimension but that the company had played a significant role in the initiative. That is, companies had to demonstrate that they were dedicating significant time, resources or expertise to the initiatives in question. For example, it was not sufficient simply to say that the company had attended roundtables or working groups with industry peers. However, if a company had initiated or become a founding member of an initiative aimed at advancing farm animal welfare, a score of 5 points would have been awarded. 	

Question 18.	Has the company received any notable awards or accreditations for its farm animal welfare performance in the last two years?
Rationale	Awards from credible animal welfare organisations, consumer associations and industry and farming bodies provide tangible evidence that companies are achieving good/best practices in those areas of their operations covered by the awards. Awards can also play an important role within companies through motivating

	employees and signalling to senior management that farm animal welfare is an area where the organisation is achieving good/best practice.	
Scoring	No evidence of notable awards or accreditations in the last two years.	0
	The company has received a notable award or accreditation for a single category or species.	5
	The company has received a significant award relating to its efforts across a number of species, or the company has received awards for its efforts on different species.	10
	(Max Score 10)	
Explanatory Notes	<ul style="list-style-type: none"> • Only awards that (a) explicitly focused on farm animal welfare, (b) were offered by credible animal welfare organisations, consumer associations or industry and farming bodies, and (c) involved a focus on farm animal welfare achievements were considered. • Awards/commendations from business partners (or other organisations where a commercial relationship exists) were not counted for scoring purposes because of concerns that these commercial links may play a role in the assessment process. • Companies were able to score ten points if they received multiple awards from a single awarding organisation (e.g. from Compassion in World Farming) provided that these awards related to different species or production systems. • Awards made prior to 2013 were not counted for scoring purposes (i.e. only awards received in the 2 years prior to the assessment were considered). • To be considered for scoring, awards needed to be publicly acknowledged by the company. In a number of cases, we identified companies that had received farm animal welfare-related awards but did not have any information on these awards on their websites. 	

Question 19.	Does the company promote higher farm animal welfare to consumers through education and/or awareness-raising activities?	
Rationale	Companies have an important role to play in raising awareness of farm animal welfare among their customers and clients. This, in turn, should contribute to increases in demand for higher welfare products.	
Scoring	No evidence of promoting higher farm animal welfare.	0
	At least one example of promoting higher farm animal welfare to consumers.	5

	Multiple examples of promoting higher farm animal welfare to consumers.	10
	(Max Score 10)	
Explanatory Notes	<ul style="list-style-type: none"> • The activities that could be considered in this question were defined broadly. Examples included: <ul style="list-style-type: none"> — The provision of farm animal welfare information on the company's website. Note: This is not just about providing information in the corporate responsibility section of the website but making farm animal welfare an integral part of customer communications and engagement. — On-pack or on-shelf labelling – provided this was evidenced on the company's website, in its published reports or on social media platforms. — Information leaflets or information packs. — Media promotions. — Supporting third party campaigns or programmes e.g. the RSPCA Farm Animal Week. — Customer farm visits, seminars or roundtables. — Social media campaigns. • In order to receive a score of 5 or 10, the focus had to be on farm animal welfare. • Initiatives aimed at showing how products are sourced or produced but without an explicit focus on the welfare of farm animals, were not scored in the assessment. 	

Performance Reporting		
Question 20.	Does the company report on the proportion of animals (or volume of animal products) in its supply chain that are free from confinement (i.e. those in barn, free range, indoor group housed, indoor free-farrowing, outdoor bred/reared)?	
Rationale	In addition to having clear policy commitments and management practices, companies are expected to maintain strict reporting criteria for animals in their supply chain. This question is looking specifically at measures linked to the housing systems and environmental enrichment of animals in their supply chains. This is because many of the most significant farm animal welfare concerns result from close confinement practices and barren living conditions (such as barren battery cages, sow stalls, farrowing crates, veal crates, concentrated animal feeding operations (CAFOs), feedlots, tethered systems, close confinement of solitary finfish species).	
Scoring	No reporting on the proportion of animals free from confinement	0
	The company reports on the proportion of animals free from	3

	confinement, but this reporting is limited to certain geographies, species or own-brand products.	
	The company reports fully on the proportion of animals free from confinement, covering all relevant geographies, species and own-brand products.	5
	(Max Score 5)	
Explanatory Notes	<ul style="list-style-type: none"> • This question was looking specifically for explicit reporting on the proportion of animals that are free from close confinement. Companies that reported using proxy measures (e.g. the proportion of animals managed according to particular farm animal welfare standards) were not awarded points unless they explicitly stated that the standard meant that the relevant animals were free from confinement. • Points were only awarded if the company was explicit about the proportion of animals affected. Companies that reported on the total number of animals affected but did not put this number into context of the total number of animals used or processed were not awarded points. • Companies that made general statements about "Our animals" or "All animals" being free from close confinement were not awarded points unless there was clear evidence that key performance indicators (ideally by relevant species) were in place to monitor performance against policies and/or related targets or objectives. 	

Question 21.	Does the company report on the proportion of animals in its supply chain that are subject to pre-slaughter stunning or (in the case of finfish) are rendered insensible?	
Rationale	In addition to having clear policy commitments and management practices, companies are expected to maintain strict measurement criteria for animals in their supply chain. This question is looking specifically at measures linked to the slaughter of animals (or the rendering of fish insensible) in their supply chains. It is essential to render an animal unconscious before it is slaughtered in order for it to be insensible to pain, discomfort and stress, until death occurs.	
Scoring	No reporting on the proportion of animals subject to pre-slaughter stunning.	0
	The company reports on the proportion of animals subject to pre-slaughter stunning, but this reporting is limited to certain geographies, species or own-brand products.	3
	The company reports fully on the proportion of animals subject to pre-slaughter stunning, covering all relevant geographies, species and own-brand products.	5
	(Max Score 5)	0

Explanatory Notes	<ul style="list-style-type: none"> • This question is looking specifically for explicit reporting on the proportion of animals that are pre-slaughter stunned. Companies that reported using proxy measures (e.g. the proportion of animals managed according to particular farm animal welfare standards) were not awarded points unless they explicitly stated that the standard meant that the relevant animals were pre-slaughter stunned. • Points were only awarded if the company was explicit about the proportion of animals affected. Companies that reported on the total number of animals affected but did not put this number into context of the total number of animals used or processed were not awarded points. • Companies that made general statements about “Our animals” or “All animals” being subject to pre-slaughter stunning were not awarded points unless there was clear evidence that key performance indicators (ideally by relevant species) were in place to monitor performance against policies and/or related targets or objectives.
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Question 22.	Does the company report on the average, typical or maximum permitted live transport times for the animals in its supply chain?	
Rationale	<p>In addition to having clear policy commitments and management practices, companies are expected to maintain strict measurement criteria for animals in their supply chain. This question is looking specifically at measures linked to the live transportation of animals in their supply chains. When being transported, animals can experience hunger, thirst, discomfort, pain, frustration, fear and distress, as well as physical welfare problems including injury, disease, and, in the worst cases, death. For these reasons, transport of live terrestrial animals should be minimised wherever possible and journeys should be kept as short as possible. Specifically, any transport of a live terrestrial animal that exceeds 8 hours, from loading to unloading, has been shown to decrease welfare significantly. In the case of farmed fish, handling practices and water quality conditions (particularly oxygenation) can have a significant impact on welfare. Conditions for transportation of fish must therefore be suitable and a maximum time limit may be required as determined from species-specific welfare risk assessments.</p>	
Scoring	No reporting on live transport times.	0
	The company partially reports on the live transport times for animals, but reporting is limited to certain geographies, species or products.	3
	The company reports fully on the live transport times for animals, covering all relevant species and geographies.	5

	(Max Score 5)	0
Explanatory Notes	<ul style="list-style-type: none"> This question is looking specifically for explicit reporting on the live transport times. Companies that reported using proxy measures (e.g. the proportion of animals managed according to particular farm animal welfare standards) were not awarded points unless they explicitly stated what the implications were for live animal transport times. Points were only awarded if the company was explicit about the proportion of animals affected. Companies that reported on the total number of animals affected but did not put this number into context of the total number of animals used or processed were not awarded points. Companies that made general statements about “Our animals” or “All animals” were transported within maximum journey times were not awarded points unless there was clear evidence that key performance indicators (ideally by relevant species) were in place to monitor performance against policies and/or related targets or objectives. 	

Question 23.	Does the company report on welfare outcome measures (i.e. measures linked to the physical, emotional and/or behavioural wellbeing of animals)?	
Rationale	In addition to having clear policy commitments and management practices, companies are expected to maintain strict measurement criteria for animals in their supply chain. This question is looking specifically at welfare outcome measures (WOMs) relating to the physical, emotional and/or behavioural wellbeing of animals. WOMs may be quantitative, or qualitative. They should focus on the most important species-specific measures (e.g. lameness and mastitis in dairy cows, gait score and footpad dermatitis in broilers, tail-biting and lameness in pigs, bone breakage and feather coverage in laying hens), and include aspects of mental wellbeing (e.g. reaction to humans or novelty, fear, comfort); and behaviour (e.g. time spent lying – resting, ruminating; or being active – foraging, perching, dustbathing, socialising).	
Scoring	No reporting on welfare outcome measures.	0
	Partial reporting on welfare outcome measure but reporting is limited to certain species or geographies.	3
	Company fully reports on at least one welfare outcome measure per relevant species and/or per relevant geography.	5
	(Max Score 5)	0
Explanatory Notes	<ul style="list-style-type: none"> This question was looking specifically for explicit reporting on welfare outcome measures such as: <ul style="list-style-type: none"> Mortality rates (as an indicator of potential pain, 	

	<p>suffering and suboptimal performance)</p> <ul style="list-style-type: none"> ○ Disease incidence (as an indicator of health status, robustness) ○ Bone breakages (as an indicator of pain, suffering, suboptimal performance, and poor house design) ○ Lameness (as an indicator of potential pain, behavioural restriction and suboptimal environmental and housing conditions) ○ Body marks/injuries (as an indicator of aggressive fight damage, especially during mixing or competition at feeding) ○ Body condition (as an indicator of good feed management, or competition at feeding) ○ Cleanliness (as an indicator of good environmental control, thermal comfort) ○ Positive flock or herd behaviour (as an indicator of a varied stimulating environment, good management and suitable breed to production system). ○ Negative flock or herd behaviour, such as injurious feather pecking or tail biting in pigs (as an indicator of a barren non-stimulating environment, poor environmental control, low space allowance, feed and health problems) <ul style="list-style-type: none"> ● Scores were not awarded for reporting on input-based measures (i.e. measures relating to the type of production system, e.g. caged, barn, free-range, used as well as the practices for transport and slaughter). ● Similarly, scores were not awarded for companies that reported on the proportion of animals managed according to particular farm animal welfare standards, but did not report on the welfare outcomes resulting from the implementation of these standards. ● Points were only awarded if the company was explicit about the proportion of animals affected. Companies that reported on the total number of animals affected but did not put this number into context of the total number of animals used or processed were not awarded points.
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CHAPTER 6: COMPANY COVERAGE

In total, 90 of the world's largest food companies were included in the 2015 Benchmark. A full list is presented in Table 2. These companies were broadly spread across the three food industry subsectors (see Table 3). The universe of companies is global although it continues to be weighted towards European companies. In total, the 2015 Benchmark covered 58 European companies, 23 American companies, three Brazilian companies, three Australasian companies, two Canadian companies and one Chinese company.

Relative to the 2014 Benchmark, eleven new companies were added. These were Albertsons (US), Chipotle Mexican Grill (US), ConAgra Foods Inc (US), Dean Foods Co (US), Fonterra (New Zealand), Gruppo Veronesi (Italy), Loblaw Companies Ltd (Canada), Sysco (US), Target Corporation (US), Wesfarmers Ltd (Australia), and Woolworths (Australia) Limited (Australia). In addition to the new companies, a number of other minor changes were made to the universe of companies covered by the Benchmark, in particular:

- Clarification that Domino's Pizza Group plc (a UK domiciled company with operations in Europe and Asia) rather than Domino's Pizza LLC (which operates exclusively in the US) is the entity covered by the Benchmark.
- Hillshire Brands (which was included in the 2014 Benchmark) is now part of Tyson Foods, with information on Hillshire Brands now being included in the assessment of Tyson Foods.
- Burger King Corporation has changed its country of incorporation from the US to Canada.

Table 2: 2015 Benchmark Company Scope

	Company	ICB Classification	Country of incorporation
1	Ahold/Ica Eiendom Norge AS	5337: Food Retailers and Wholesalers	Sweden
2	Albertsons	5337: Food Retailers and Wholesalers	USA
3	Aldi Nord (Aldi Markt)	5337: Food Retailers and Wholesalers	Germany
4	Aldi Süd/Aldi Einkauf GmbH & Co	5337: Food Retailers and Wholesalers	Germany
5	Carrefour SA	5337: Food Retailers and Wholesalers	France
6	Casino Guichard-Perrachon SA	5337: Food Retailers and Wholesalers	France
7	(The) Co-operative Food (UK)	5337: Food Retailers and Wholesalers	UK
8	Coop Group (Switzerland)/Coop Genossenschaft	5337: Food Retailers and Wholesalers	Switzerland
9	Costco Wholesale Corp	5337: Food Retailers and Wholesalers	USA
10	Delhaize Group SA	5337: Food Retailers and Wholesalers	Belgium
11	Edeke Zentrale	5337: Food Retailers and Wholesalers	Germany

12	El Corte Inglés SA	5337: Food Retailers and Wholesalers	Spain
13	Groupe Auchan SA	5337: Food Retailers and Wholesalers	France
14	J Sainsbury Plc	5337: Food Retailers and Wholesalers	UK
15	Koninklijke Ahold NV	5337: Food Retailers and Wholesalers	Netherlands
16	Kroger Company (The)	5337: Food Retailers and Wholesalers	USA
17	Lidl Stiftung & Co KG	5337: Food Retailers and Wholesalers	Germany
18	Loblaw	5337: Food Retailers and Wholesalers	Canada
19	Marks & Spencer Plc	5337: Food Retailers and Wholesalers	UK
20	Mercadona SA	5337: Food Retailers and Wholesalers	Spain
21	Metro AG	5337: Food Retailers and Wholesalers	Germany
22	Migros-Genossenschafts-Bund	5337: Food Retailers and Wholesalers	Switzerland
23	Rewe Group	5337: Food Retailers and Wholesalers	Germany
24	Schwarz Unternehmens Treuhand KG/Kaufland	5337: Food Retailers and Wholesalers	Germany
25	Sysco Corporation	5337: Food Retailers and Wholesalers	USA
26	Target Corporation	5337: Food Retailers and Wholesalers	USA
27	Tesco Plc	5337: Food Retailers and Wholesalers	UK
28	Waitrose	5337: Food Retailers and Wholesalers	UK
29	Walmart Stores Inc/Asda	5337: Food Retailers and Wholesalers	USA
30	Wesfarmers	5337: Food Retailers and Wholesalers	Australia
31	Wm Morrison Supermarkets Plc	5337: Food Retailers and Wholesalers	UK
32	Woolworths Limited	5337: Food Retailers and Wholesalers	Australia
33	Aramark Corporation	5757: Restaurants and Bars	USA
34	Autogrill SpA	5757: Restaurants and Bars	Italy
35	Burger King Corporation	5757: Restaurants and Bars	Canada
36	Camst - La Ristorazione Italiana Soc. Coop. ARL	5757: Restaurants and Bars	Italy
37	Chipotle Mexican Grill	5757: Restaurants and Bars	USA
38	Compass Group Plc	5757: Restaurants and Bars	UK
39	Cremonini SPA	5757: Restaurants and Bars	Italy
40	Darden Restaurants Inc	5757: Restaurants and Bars	USA
41	Domino's Pizza	5757: Restaurants and Bars	UK
42	Elior	5757: Restaurants and Bars	UK
43	SSP Group Limited	5757: Restaurants and Bars	Sweden
44	Gategroup Holding AG	5757: Restaurants and Bars	Switzerland
45	Greggs Plc	5757: Restaurants and Bars	UK
46	JD Wetherspoon Plc	5757: Restaurants and Bars	UK
47	McDonald's Corporation	5757: Restaurants and Bars	USA
48	Mitchells & Butlers Plc	5757: Restaurants and Bars	UK
49	Olav Thon Gruppen AS	5757: Restaurants and Bars	Norway
50	Quick	5757: Restaurants and Bars	France
51	Sodexo	5757: Restaurants and Bars	France
52	Starbucks Corporation	5757: Restaurants and Bars	USA
53	Subway	5757: Restaurants and Bars	USA
54	Umoe Gruppen AS	5757: Restaurants and Bars	Norway
55	Wendy's Company (The)	5757: Restaurants and Bars	USA
56	Whitbread Plc	5757: Restaurants and Bars	UK
57	Yum! Brands, Inc	5757: Restaurants and Bars	USA
58	2 Sisters Food Group	3570: Food Producer	UK
59	Arla Foods Ltd	3570: Food Producer	Denmark

60	Associated British Foods Plc	3570: Food Producer	UK
61	Barilla SPA	3570: Food Producer	Italy
62	BRF (Brasil Foods)	3570: Food Producer	Brazil
63	Cargill	3570: Food Producer	USA
64	ConAgra	3570: Food Producer	USA
65	Cranswick Plc	3570: Food Producer	UK
66	Dairy Crest Plc	3570: Food Producer	UK
67	Danish Crown AmbA/Tulip	3570: Food Producer	Denmark
68	Dean Foods	3570: Food Producer	USA
69	Terrena Group/Gastronome	3570: Food Producer	France
70	Ferrero SpA	3570: Food Producer	Italy
71	Fonterra	3570: Food Producer 3570: Food Producer	New Zealand
72	General Mills Inc	3570: Food Producer	USA
73	Groupe Danone SA	3570: Food Producer	France
74	Groupe Lactalis	3570: Food Producer	France
75	Gruppo Veronesi	3570: Food Producer	Italy
76	H.J. Heinz	3570: Food Producer	USA
77	JBS SA	3570: Food Producer	Brazil
78	Kraft Foods Group Inc	3570: Food Producer	USA
99	Mondelēz International	3570: Food Producer	USA
80	Marfrig Alimentos SA/Moy Park	3570: Food Producer	Brazil
81	Mars Inc	3570: Food Producer	USA
82	Müller Group AG	3570: Food Producer	Germany
83	Nestlé SA	3570: Food Producer	Switzerland
84	Noble Foods Ltd	3570: Food Producer	UK
85	Premier Foods Plc	3570: Food Producer	UK
86	Royal Friesland Campina NV	3570: Food Producer	Netherlands
87	WH Group/Smithfield Foods	3570: Food Producer	PRC
88	Tyson Foods Inc	3570: Food Producer	USA
89	Unilever NV	3570: Food Producer	Netherlands
90	VION Food Group	3570: Food Producer	Netherlands

Table 3: Companies by Sub-sector

Sub-sector (and ICB Classification)	Number of Companies
Food Retailers and Wholesalers (5337)	32
Restaurants and Bars (5757)	25
Food Producers (3570)	33
Total	90

CHAPTER 7: FUTURE DEVELOPMENT OF THE BENCHMARK

In the course of the investor consultation and the process of developing and conducting the 2015 Benchmark, we received a series of suggestions about how the Benchmark might evolve in future years. Among the suggestions that we received were that:

- BBFAW provides a more detailed account of each company's performance.
 - **BBFAW Response:** *We will seek to improve the two-page company summaries by providing more contextual information on each company's performance. We hope that these changes, together with our published short guide to investor engagement, will enhance the usefulness of the information being provided.*
- Make the company profile information more readily available (e.g. through a login on the BBFAW website rather than on request as at present).
 - **BBFAW Response:** *We have addressed this via our refreshed BBFAW website, which now includes a dedicated log-in section of the website for investors, allowing direct access to company summary reports.*
- Broaden the number and geographic scope of the companies covered by the Benchmark.
 - **BBFAW Response:** *We have increased the number of companies covered by the Benchmark from 68 in 2012 to 90 in 2015. Our expectation is that we will benchmark 100 companies in 2016.*
 - **BBFAW Response:** *In relation to geographic coverage, we have progressively extended our coverage of US-based companies and have added some companies from Brazil, Canada, Australia and New Zealand. We intend to add more emerging market companies in 2016, and will, as we have done since the inception of the Benchmark, consult with investors on the universe of companies to ensure that we are focusing on companies and geographies that are relevant to them.*
- Provide more information on the business case for farm animal welfare.
 - **BBFAW Comment:** *This is a priority for us. We have received an increasing number of questions about the business case for companies to focus on farm animal welfare. Over the past two years we have produced a number of briefings on elements of the business case (e.g. on the scale of consumer demand for higher welfare products). We have also encouraged investment analysts to produce research on the investment case for farm animal welfare, and have seen some progress with both Morgan Stanley and Natixis discussing farm animal welfare with their clients. However, we do not expect that BBFAW will produce reports analysing the investment implications or company-specific financial implications of farm animal welfare. Our view is that this is work that is best and most credibly done by the investment industry itself. Where investors do produce such research, we reference it in our work and bring it to the attention of investors and other stakeholders.*

In early 2016, we will – as we have done for the 2015 Benchmark - review all of the feedback that we have received (including the issues raised above), and we will also conduct a structured consultation to gather feedback from companies, investors and other stakeholders. We will use this feedback to inform any changes that we make to the scope and assessment framework for the 2016 Benchmark.

APPENDIX 1: GLOSSARY

Animal welfare – the physical and mental wellbeing of animals; the Farm Animal Welfare Council adopted the Five Freedoms (see below) to demonstrate the attributes of good animal welfare

Androsterone – a steroid found in both male and female sweat and urine.

Basic farm assurance – certification schemes that ensure certain standards of safety and quality are met, often including some animal welfare standards similar to the legislative requirements of the market(s) in which they operate

Barren battery cage – a cage used to house several laying hens, usually providing space equivalent to less than an A4 sheet of paper per hen; provision is limited to food and water; barren battery cages are prohibited by EU legislation although they are common in other parts of the world

Battery caged hens – hens housed in barren battery cages

Beak trimming – removal of part of the beak (laying hens, parent broilers and turkeys) using a hot blade, secateurs or an infra-red beam. Infra-red is the only method permitted in England; in the EU no more than a third of the beak may be removed

Broiler chickens – chickens reared for meat production

Cephalosporins –antibiotics used in preventative medicine and the treatment of gram positive bacteria (first generation) and increasingly gram negative and broad spectrum (fourth generation) bacteria. Some strains of bacteria have developed resistance to Cephalosporins and fourth generation Cephalosporins are considered among medicine's last defences against several serious human infections.

Cloning – the process of producing genetically identical individuals using donor DNA and a surrogate mother. In farm animals, cloning may be used to create copies of high-yielding animals for breeding whose progeny may then be used in food production. The majority of cloning is performed with cattle, but pigs, goats and sheep have also been subject to the procedure. Animal welfare concerns associated with cloning include risks associated with the surgical procedures undergone by the donor and surrogate animals, high rates of pregnancy loss and juvenile deaths, birth complications, and potential loss of genetic diversity.

Close confinement – provision of very limited space, representing inadequate space to allow an animal to move around or express normal patterns of behaviour

Coccidiostat – a pharmaceutical agent that acts upon Coccidia parasites commonly found in animal intestines.

Concentrated animal feeding operations (CAFOs) - also known as a factory farm, a CAFO is a production process for meat that squeezes many animals into a small and confined space (for at least 45 days in a 12 month period under the US Environmental Protection Agency's definition). The animals have very little room to move and the land is bare of vegetation so, instead of grazing, feed is brought to the animals.

Disbudding – removal of the horn buds in young animals (calves, kids) using a hot iron or chemical cauterisation

Dehorning – removal of the horns of adult animals by cutting or sawing

Desnooding – removal of the snood of a turkey, the fleshy part hanging from the forehead and over the beak

Dry sows – pregnant female pigs

Farm animal welfare – the physical and mental wellbeing of animals reared for food, fibres and other commodities. In 2012, the BBFAW defined farm animal welfare as it relates to egg laying hens, broiler chickens, pigs, dairy cows and calves, ducks, guinea fowl, rabbits, turkeys, geese, beef cattle, sheep and game.

Farrowing crate – a metal cage used to confine a single sow during farrowing (birth) and lactation; the crate is designed to obstruct transition between lying and standing and does not allow the sow to turn around or engage properly with her piglets

Feedlot – an intensive animal feeding operation used to fatten livestock prior to slaughter. Animals such as pigs, sheep or cattle are confined in small areas and supplied with a high protein feed.

Finfish – so-called 'true fish', this term is used to distinguish fish with gills, fins and a backbone from other aquatic animals such as shellfish and jellyfish.

Five Freedoms – a framework for analysis of animal welfare within any system which includes the following requirements for good welfare:

1. Freedom from thirst, hunger and malnutrition
2. Freedom from discomfort
3. Freedom pain and disease
4. Freedom to express normal behaviour
5. Freedom from fear and distress

Fluoroquinolones – antimicrobials, used typically to treat bone, joint and skin infections caused by microorganisms.

Food companies - food businesses including producers, processors, manufacturers, food retail and service companies

Free-farrowing – these systems house pregnant sows, and those with new litters, in larger pens than the sow stall, enabling the sow to move more freely, nest build (if provided with manipulable material), exhibit maternal behaviour better, and other natural behaviours

Free range – free range livestock have access to the outdoors for at least part of the day, allowing greater freedom of movement

Gait score – a method for assessing lameness in poultry using indicators such as balance, stride length, and the position of the feet.

Gilts – young female pigs that have yet to be mated or become pregnant

Growth promoting substances – used to increase the muscle (meat) or milk production of animals farmed for food. Examples include the hormone BST used to increase milk production, hormone feed additives in pig production (ractopamine) and low dose antibiotics. Antibiotic and hormonal growth promoters are not permitted by EU legislation

In-Ovo Gender Identification (Sexing) – a method for identifying the sex of laying hens via analysis of the allantoic fluid, aimed at avoiding the routine culling of day-old male chicks.

Lairage – holding pens for livestock following transport to a slaughter house.

Long distance live transportation – any transport of a live animal that exceeds 8 hours, from loading to unloading; welfare has been shown to decrease significantly in journeys lasting more than 8 hours

Mulesing – removal of skin from the hind-quarters of sheep breeds with excess folds of skin on their rumps, often without adequate pain relief

Mutilation – A procedure that interferes with the bone structure or sensitive tissues of an animal, usually to prevent an abnormal behaviour such as tail biting (pigs) or injurious pecking (laying hens)

Ractopamine - a feed additive used to promote growth promotion and leanness in animals raised for their meat. Ractopamine use has been banned in many countries, including European Union countries, mainland China and Russia.

Neospora caninum – a microscopic protozoan parasite that causes the disease neosporosis, a major cause of abortion in cattle.

Phytotherapy - the study of the use of extracts of natural origin as medicines or health-promoting agents.

Pithing - a technique used to immobilise or kill an animal by inserting a needle or metal rod into its brain. Current USA and European Union regulations prohibit importation of beef from cows pithed due to risk of bovine spongiform encephalopathy (BSE, or "mad cow") disease.

Routine Mutilations – The mutilation of all animals at a certain stage within a certain system to help prevent problems associated with abnormal behaviours. Usually occurs instead of addressing the underlying issues with the system that may lead to the abnormal behaviours

Sow stall – a narrow metal crate used to confine individual sows for their 16 week pregnancy, without sufficient room for sows to turn around; also called gestation crates

Stockmanship – the knowledgeable and skilful handling of livestock in a safe, efficient, effective, and low-stress manner.

Tail docking – removal of part of the tail (usually up to two-thirds) using a hot docking iron, sharp blade (pigs) or tight rubber ring (lambs, cattle); routine tail docking of pigs is not permitted by EU legislation

Teeth clipping – reduction (cutting) of a piglet's 8 sharp needle teeth shortly after birth using sharp clippers or pliers; routine teeth clipping is not permitted by EU legislation

Tethering – tying of an animal (usually grazing animals such as cattle and goats, but also sows) to a fixed point; tethering prevents an animal from carrying out its normal behaviour, not permitted in the EU for calves (certain exceptions) and pigs

Toe clipping – the removal of the ends of toes, including the whole toenail, from poultry

Triploidy – triploid fish have one extra set of chromosomes than the natural diploid state, rendering them sterile. Aquaculture using artificially induced triploidy avoids problems such as early sexual maturation and interbreeding between wild and cultured fish. However, triploids may be more susceptible to eye cataracts, temperature stress, deformities, and suffer slower growth and lower survival rates

Veal crate – a pen or box to confine a single dairy calf; calves are often tethered in these systems and do not have adequate space to turn around; the use of veal crates is prohibited in the EU and some US states

Welfare outcome measures – performance measures directly linked to the physical, emotional and/or behavioural wellbeing of animals

The **Business Benchmark on Farm Animal Welfare** is designed to help drive higher farm animal welfare standards in the world's leading food businesses. It is the first global measure of animal welfare standards in food companies and is designed for use by investors, companies, NGOs and other interested stakeholders.

For more information, go to www.bbfa.com or contact the Programme Director, Nicky Amos: nicky@nicky-amos.co.uk.