



ANIMAL WELFARE COMMITMENTS & FULL YEAR 2020 PROGRESS REPORT

Animal welfare is fundamental pillar of Danone's [regenerative agriculture strategy](#). Danone is committed to working with farmers and other partners to co-build agricultural models that respect natural resources and foster animal welfare. Our aim is to achieve better conditions for all animals in our supply chain.

Our animal welfare approach, developed in cooperation with Compassion In World Farming (CIWF) and other animal welfare specialists, is based on the internationally recognized Five Freedoms established by the Farm Animal Welfare Council. We are working to ensure these freedoms are upheld for all species, across our supply chain.

The Five Freedoms call for management and housing of animals to respect the following needs:

- Freedom from hunger and thirst by ready access to fresh quality water and a diet that maintains full health and vigor.
- Freedom from discomfort by an appropriate environment, including shelter and comfortable resting areas.
- Freedom from pain, injury and disease by prevention or rapid diagnosis and treatment.
- Freedom to express normal behavior, by providing sufficient space, proper facilities and company of the animals' own kind.
- Freedom from fear and distress by ensuring conditions and care that avoid mental suffering.

Upholding the Five Freedoms means working to ensure that farming practices in our supply chain:

- provide appropriate housing environments, avoiding closed confinement (e.g. cages for hens and rabbits);
- provide regular access to food and water, in both quantity and quality;
- promote responsible use of antibiotics (avoidance for prophylaxis); and
- monitor and improve key health and behavioral welfare outcomes.

Since the publication of our [Animal Welfare Position Paper](#) in 2016, we have been progressing on our species roadmaps, with the support of CIWF and other specialized partners. In 2018, we reaffirmed animal welfare protection as a key pillar of our regenerative agriculture approach, and are working to strengthen our actions, including through new commitments (e.g. respect of the [EU Broiler Ask](#) by 2026).

In addition, we are strengthening our supplier and consumer engagement. Farm animal welfare forms an integral part of our requirements to our Specialized Nutrition suppliers of meat, fish and egg products, and is systematically integrated into contractual obligations for suppliers (i.e. cage-free requirements for egg and rabbit suppliers, no castration for our pig suppliers, pre-slaughter stunning, etc.). Animal welfare standards are also communicated to consumers through our brands (see Les 2 Vaches, [Bledina](#) and [Danone Spain milk](#) websites for examples).

Overall responsibility for animal welfare sits within the global Cycles & Procurement team, reporting to Henri Bruxelles, Executive Vice President, Chief Operating Officer End-to-End Design to Delivery. At the local level, we have appointed dedicated teams in every country where we source fresh milk, overseeing audits, technical support, and animal welfare.

Based on these commitments and daily engagements, Danone was awarded Tier 2 status in the Business Benchmark on Farm Animal Welfare (BBFAW), an independent report, in 2018, 2019 and 2020. We are proud of this achievement and will continue to strengthen animal welfare practices and report on our progress.

*This * refers to 2020 BBFAW question number.*

SUMMARY OF COMMITMENTS ON ANIMAL WELFARE

SPECIES	COMMITMENTS / PRIORITIES	PROGRESS ACHIEVED in 2020
Scope: Danone worldwide <i>To know Danone's worldwide volumes per species, please see Annex</i>		
Dairy for Fresh milk, beef, lamb, poultry, laying hens, pigs, fish	No livestock transformed in Danone's factories is allowed to originate from genetically modified or cloned stock. (Q6*)	2020: 100% compliant, specified in contracts with suppliers and confirmed via audits.
Dairy for Fresh milk, beef, lamb, poultry, laying hens, pigs, fish	Prohibited use of <u>all</u> growth promoting substances across all our livestock supply chains transformed in Danone's factories (Q7*)	The use of growth promoters is strictly prohibited across all our livestock supply chains transformed in Danone's factories. 2006: The use of growth promoters banned from use in the European Union. 2020: 100% compliant in EU 2026: target to reach global commitment for all species in all geographies.
Dairy for Fresh milk, beef, lamb, poultry, laying hens, fish	Avoidance of routine mutilations (Q9*)	Danone is committed to eradicating on-farm mutilation. We forbid procedures such as beak trimming and tipping in our egg and chicken supply chain, and fish fin clipping; pig tail docking is only permitted with veterinary recommendation. We are committed to finding alternatives to all forms of livestock mutilation across our supply chains, for all the meat and fish transformed in our factories. Mutilations should only be undertaken to protect the welfare of the animals. Where certain practices are currently unavoidable within the industry (e.g. disbudding or castration of male cattle or sheep) suppliers must utilize early intervention. Any procedures must be carried out by a trained and competent individual using the most humane techniques and recognized best practice, with appropriate analgesia administered to minimize pain.
Dairy for Fresh milk, beef, lamb, poultry, laying hens, pigs, fish	Pre-slaughter stunning (Q10*)	All the livestock in Danone supply chains are pre-stunned before slaughter to ensure insensitivity to pain before being processed in North America, South America, Europe and Africa. 2026: target to reach global commitment for all species in all geographies.
Dairy for Fresh milk, beef, lamb, poultry, laying hens	Closed confinement and intensive systems for livestock (Q4*)	Danone is committed to avoid and will be phasing out close confinement and permanent tethering systems for all farm animals, including cages, crates or tie stalls. We promote free stall barns, group housing, yards or pens in all species.
Dairy for Fresh milk, beef, lamb, poultry, pigs	Provision on effective species-specific environmental enrichment (Q5*)	Danone is committed to ensure the best housing conditions for all animals. As per one of the five freedoms, the freedom to show natural behavior in any way, indoors and outdoors and of high quality.
Dairy for Fresh milk, beef, lamb, poultry, laying hens, pigs, fish	Reduction or avoidance of antibiotics for prophylactic use (Q8*)	We encourage the reduction of prophylactic use of antibiotics in our value chain, and a focus on prevention of disease. Antibiotics should be reserved for critical medical use.
Dairy for Fresh milk, beef, lamb, poultry, pigs, fish	Avoidance of long-distance live transportation (Q11*)	Danone is committed to secure the welfare of all animals during live transport. We encourage suppliers to keep all live animal transport to a minimum, and avoid transport longer than 8 hours.

DETAILED COMMITMENTS AND PROGRESS PER SPECIES

*This * refers to 2020 BBAW question number.*

SPECIES	COMMITMS / PRIORITIES	PROGRESS ACHIEVED in 2020
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Scope: Danone worldwide

Dairy Cows for Fresh Milk	OVERALL DATA	<table border="1"> <thead> <tr> <th></th> <th></th> <th></th> <th>2019</th> </tr> </thead> <tbody> <tr> <td>Tonnage of milk sourced by Danone worldwide</td> <td>Ktons</td> <td></td> <td>5.196</td> </tr> <tr> <td>Main sourcing regions</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Europe</td> <td>%</td> <td></td> <td>30</td> </tr> <tr> <td>CIS</td> <td>%</td> <td></td> <td>24</td> </tr> <tr> <td>North America</td> <td>%</td> <td></td> <td>20</td> </tr> <tr> <td>Latin America</td> <td>%</td> <td></td> <td>12</td> </tr> <tr> <td>Other regions</td> <td>%</td> <td></td> <td>14</td> </tr> </tbody> </table>				2019	Tonnage of milk sourced by Danone worldwide	Ktons		5.196	Main sourcing regions				Europe	%		30	CIS	%		24	North America	%		20	Latin America	%		12	Other regions	%		14
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Dairy Cows for Fresh Milk	<p>By end of 2020: 80% fresh milk volumes worldwide assessed through the new animal welfare assessment tool or via Validus Animal Welfare certification</p> <p>By end of 2021: Assessing all farms where Danone directly sources fresh milk and start re-assessing farms</p>	<p>Summary of progress in 2020: 87% of the worldwide volumes of fresh milk collected are covered by Danone’s animal welfare assessment tool or by Validus certification in the EDP business (Essential and Plant-Based division), with more than 2,500 audits carried out on farms in 14 countries. We therefore achieved our target one year ahead of schedule.</p> <p>Details on Danone’s animal welfare assessment tool: Danone developed an animal welfare assessment tool and has been progressively rolling it out in 14 countries where we source milk. Including: Belgium, France, Spain, Germany, Poland, Romania, South Africa, Egypt, Algeria, Russia, Mexico, Brazil, Argentina and the USA. NOTE: in the USA the deployment of the assessment tool has begun, on top of the VALIDUS certification .</p> <p>2018: 43% (938 assessments in 13 countries) 2019: 81% (2607 cumulative assessments in 14 countries) 2020: 87% (3091 cumulative assessments in 14 countries)</p> <p><i>This assessment tool is allowing for greater monitoring and compliance. Farmers found noncompliant are asked to put corrective action plans into place. End of 2020, 8% of the active farms were not compliant and, in most cases, this was due to dehorning. All these farms have an action plan to become compliant and will be re-assessed accordingly. If not improving and still not compliant after 2 re-assessments the farm collection will be stopped. The average score from all farms assessed was 67 points (between 0 – 100). In total, there were over 400,000 cows involved in the assessments.</i></p> <p><i>In Belgium, France and Spain, the score of the assessment has become part of the milk premium system integrated in the milk delivery contract. Premiums depend on the animal welfare assessment score. Moreover, it is stated that compliance depends on 4 critical criteria: no dehorning, no tail docking, feed safety and no use of GMO/cloned animals or animal products. Noncompliance on these criteria can lead to termination of the contract.</i></p> <p><i>Danone’s animal welfare assessment tool was presented as best practice by CIWF, at the International Dairy Federation (IDF) congress in Dublin in November 2017, as well as additional CIWF events in 2018. In 2019 the tool was digitalized for use on tablets.</i></p> <p><i>In 2019 Danone Spain was certified for both the assessment protocol and the European Welfare Quality Animal Welfare scheme by AENOR.</i></p> <p>AWARDS: 2021: CIWF Special Recognition in Innovation Award for the global assessment tool on dairy cow welfare</p> <p>Details on Validus certification: 2018: In the United States, 90% of conventional fresh milk came from Validus certified farms 2019: for the full milk supply in the USA – both conventional and organic milk – 76% came from Validus-certified and/or -assessed farms 2020: For the full milk supply in the USA, 85% of the milk volume came from Validus certified and/or assessed farms.</p> <p>Validus certification is awarded to farms that demonstrate compliance with specific standards and criteria including:</p> <ul style="list-style-type: none"> - Proper animal handling and management - Herd health procedures and care - Food and water quality standards
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		<ul style="list-style-type: none"> - Housing that promotes animal comfort and cleanliness - On-farm security procedures - Proper care of special needs animals - No tail docking <p>Next steps for 2021-2022:</p> <ul style="list-style-type: none"> - Continue assessing (new) farms from which Danone directly sources fresh milk. - Deploy an update of the assessment grid with renewed priorities. - Adjust the digital tool and train all assessors again. With the digital animal welfare tool fully deployed, a web application can show results and benchmark the farms.
	<p>Raise Danone employee and farmer awareness on animal welfare</p>	<p>In 2018, Danone organized a series of animal welfare training sessions with partners such as CowSignals in the Netherlands, IRTA University in Spain and in Germany (with employees from Poland, Romania and Belgium attending), and Phyllum in France. Employees in South Africa, Brazil, Argentina, and Mexico were trained by local certified CowSignals trainers.</p> <p>Ad hoc technical workshops were organized in Russia (including a demonstration on Danone’s training farm on how to convert a tie-stall barn to a free stall barn).</p> <p># Total training sessions in 2017: 10 training sessions in 10 countries, with 97 staff members participating and 78 farmers trained.</p> <p># Total training sessions in 2018: 9 training sessions in 7 countries, with 180 staff members participating and 1,020 farmers trained.</p> <p># Total training sessions in 2019: 9 training sessions, both physical and video training for 11 countries with 120 staff members participating and 880 farmers trained.</p> <p># Total training session in 2020: Due to COVID no live training sessions were organized: 1 (online) CowSignal training was held, dedicated to Animal welfare, with 7 key Danone stakeholders.</p> <p>For 2021 dedicated AW trainings are prepared for: local animal welfare assessors, Danone employees, and farmers.</p> <p>We are also raising employee awareness on animal welfare as part of our broader engagement on regenerative agriculture. Animal welfare is a key pillar in the Regenerative Agriculture journey of Danone and best practices, thematic factsheets and tools can be found on this website: Regenerative Agriculture Knowledge Center (danone.com) (For the Login part please send a request by using the contact form). Danone organized launch and learn sessions for employees to showcase the website and information it contains, including on animal welfare.</p> <p>Finally, we highlighted the importance of animal welfare as part of sustainable diets, in an open-access training course co-developed with UNITAR for all Danone employees (published in 2019).</p>
	<p>Achieve higher welfare standards while improving performance for farmers</p>	<p>In 2017, we started a pilot on three farms in Belgium to reduce antibiotics prophylaxis usage while improving youngstock rearing, udder health management and farm profitability (via reduced treatment costs).</p> <p>In 2018, the young stock rearing improved drastically with incidence of disease reduced to zero on all three farms. On the farm affected by udder-related health issues, milk quality improved by 30% and mastitis incidence was reduced by over 40%. The cost associated with addressing these conditions was consequently reduced by 30,000 euros.</p> <p>Following these positive results, the pilot will be expanded to Russia, Brazil, USA, Spain and Argentina.</p> <p>In 2019:</p> <ul style="list-style-type: none"> - We developed a disbudding toolkit, including a poster about the procedure, movie, and list of materials and advice on the best tool. We activated the toolkit in Mexico with large farm managers and the staff involved in the training of small holders. - The Danone-owned farm in Russia, with 1,300 cows, reduced the incidence of calf disease to 0. - In France, we began a 3-year program with CIWF, with the aim of improving dairy cattle welfare through monitoring and training, as well as piloting and disseminating best practices.

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		<p>In 2020 due to the COVID restrictions fewer activities were deployed on farm:</p> <ul style="list-style-type: none"> • We trained a group of dairy 7 nutritionists from the Canadian Coop Nutrinor on the use of the assessment grid to both improve animal welfare and farm results. • We established a strong relationship with the milk procurement team of PepsiCo in Russia, organizing a training on the current assessment grid as well as a feedback session to discuss potential improvements in Russia and a tailored joint approach on eliminating tail docking. The PepsiCo team is piloting the assessment and farmer engagement approach in their supply chain in Russia.
	<p>Encourage progress and reward best practices</p>	<p>Danone Spain distributed awards in 2019 to reward best practices in animal welfare among the 300 farms with which they work.</p> <p>In 2020 Danone created a dedicated fund to support farmers in improving their practices, in line with our Regenerative Agriculture strategy. In the U.S. a total of 175.000 USD will be spend on installing over 200 cow comfort brushes (some powered but the majority on fixed brushes), in barns as well pastures. Another 125.000 USD will be spent to purchase close to a 1000 calf jackets, to bring comfort to small calves during cold periods, particularly on smaller farms.</p>
	<p>Strengthen cooperation with partners specialized in Farm Animal welfare</p>	<p>Danone has developed strong partnerships with CIWF and IRTA, as well as Validus and Cow Signals.</p> <p>In 2017, Danone launched CowAct with Wageningen University, a global program aimed at implementing sustainable agricultural practices, including animal welfare.</p> <p>In June 2019, Danone and 7 other agricultural sector leaders announced the launch of Farming for Generations, a unique, global collaboration to support dairy farmers to adopt regenerative agricultural practices that preserve and renew our planet’s resources, respect animal welfare and ensure the long-term economic viability of farms for the next generation. Farming for Generations will initially work together with 25 dairy farms in the USA, the EU and Russia to identify best practice solutions and innovations – including for animal welfare – across different farming models, farm sizes and geographies, to be shared and scaled up.</p> <p>In 2019, Danone also consulted the North American Animal Welfare Advisory Council. This advisory board is led by Dr Jen Walker (Danone) and includes the following scientists: Dr Temple Grandin (USA), Dr Nina VonKeyserlingk (Canada), Dr Nigel Cook (UK), Dr Cassandra Tucker (Canada), Dr Maria Hotzel (Argentina), Dr Christoph Winkler (Austria), Dr Christine Sumner (NZ). This board had a 2-day video call in September and a live meeting in December in New York around the North American animal welfare and audit program, and also reviewed the global animal welfare strategy and provided feedback on the program.</p> <p>In 2020 the Farming for generations project deployed/completed 7 projects focused on improving animal welfare on dairy farms, taking a holistic approach including udder health and grouping young calves at an earlier age.</p> <p>In 2020 Danone joined in 2 research initiatives in the EU for animal welfare:</p> <ol style="list-style-type: none"> 1. Best practices for the welfare of dairy calves and cows (SANTE/2021/OP/0001 - SANTE/2020/G5/050) 2. Develop animal welfare program in Europe (HORIZON-CL6-2021-FARM2FORK-01-05: Animal welfare 2.0) <p>In 2021 and 2022, Danone France will contribute financially in research led by Phylum and Idele, on the reduction of heat stress in lactating cows.</p> <p>Finally, Danone is a silver sponsor of the 2021 annual Dairy Cattle Welfare Symposium</p>
	<p>Eliminate tail docking from our supply chain</p>	<p>In 2017, we included a new KPI on tail docking in our milk quality assessment tool MilQsat (ex-FaRM). Thanks to the assessment run in 2017 and to the Validus certification for 90% of our volumes in the US, we were able to verify on more than 50% of our milk supply worldwide that tail-docking is not in practice. We discovered 2 cases of tail docking in Germany and 2 cases in Spain and were able to work with farmers to eliminate the practice.</p> <p>In 2018, we strengthened our approach via the roll-out of our new assessment tool and took concrete actions to prevent the practice (ex. technical workshop in Russia). The new assessment tool identifies farmers who carry out the tail-docking practice and attributes a 0</p>

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		<p>in the assessment score. An action plan is immediately put in place to resolve the issue and then followed by another assessment to monitor its implementation.</p> <p>In 2018, we identified only 2 farms (total 1200 cows) in South Africa where tail docking was performed and successfully committed the farmers to end the practice.</p> <p>In 2019, with the completion of the global assessment on 80% of our milk volumes, we identified another 56 farms that practiced tail docking: 30 in Russia, 21 in Brazil, 4 in France and 1 in South Africa. In total, this practice impacted 49.000 cows (7% of our global footprint). For these farms the assessment result was 0 and a clear action plan was put in place to stop this practice. The action plan indicates the farmer should stop the practice, and specifies that within a time frame there should be evidence that the practice was stopped by checking the group where the practice took place.</p> <p>In 2020, the practice of tail docking was reduced, but is still impacting around 40.500 cows (6% of our global footprint). We have worked with each farm where this practice was found to put in place dedicated actions plans to end it.</p>
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SPECIES	COMMITMENTS / PRIORITIES	PROGRESS ACHIEVED in 2020
Scope: Danone worldwide		
Eggs	100% cage-free eggs and egg ingredients across all countries and divisions by end of 2020	<p><u>Danone company total</u> 2017: 43% cage-free eggs and egg ingredients 2018: 37% cage-free eggs and egg ingredients (decrease linked to the acquisition of WhiteWave in the U.S.) 2019: 83% cage-free eggs and egg ingredients End 2020: 100% cage-free eggs and egg ingredients.</p> <p><u>SN Food:</u> 2016 / 2017 / 2018 / 2019/ 2020: 100% Cage free eggs and egg ingredients</p> <p>AWARDS: 2017: CIWF Good Egg Award for SN Food 2018: CIWF Good Egg Award for Danone Company</p>

Scope: Fresh/frozen meat and fish for Danone Specialised Nutrition First Diet Food (=SN) – Scope: EU – Danone factories		
Meat & Farmed fish	By 2020, 100% of meat & farmed fish should meet standards which are recognized by third parties specializing in farm animal welfare	<p>Since 2014, Danone SN Europe has been implementing a welfare improvement plan, focused on indoor reared species. The key criteria developed and implemented with suppliers are the following:</p> <ul style="list-style-type: none"> - Provide good housing conditions, - Provide enrichments that meet behavioral needs <p>By tackling the above issues Danone SN aims to reduce the use of antibiotics and prevent mutilations. (see detail by species below).</p> <p>All our suppliers are audited every 2 years on average, on both quality and animal welfare criteria, by our Supplier Quality Manager.(Q16*)</p> <p>In 2020, for farmed fish, we sourced 86% GLOBALG.A.P. certified</p>
Laying Hens	100% no beak-trimming	2018 / 2019 / 2020: 100% no beak-trimming

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<p style="text-align: center;">Chicken</p>	<p>In Europe: Committed to meeting conditions in EU Broiler Ask by 2026</p> <p>In France: Committed to sourcing 20% of total chicken purchased in France (and in all cases of total chicken volumes sold in France) from free range or organic farms, by 2026.</p>	<p><u>In Europe (including France)</u> EU Broiler Ask includes the following criteria: -100% chicken from farms with lower stocking density (30kg/m2), natural light and enrichments (pecking objects and perches) by end of 2023 - gas stunning in slaughterhouses -100% chicken from slower growing breeds (max growing rate 50g/day) by end of 2026</p> <p>Progress made- % chicken from farms with lower stocking density (30kg/m2), enrichments (pecking objects and perches) and natural light: 2016: 9% 2018: 33% (including 6% free-range) 2019: 70% of volumes with lower stocking density. 20% chicken from slower growing breeds. 53% compliant for gas stunning in slaughterhouses. 2020: 70% of volumes with lower stocking density – expected to reach 100% by end 2021. 20% chicken from slower growing, with written engagement for the remaining 80% for 2026. 60% compliant for gas stunning in slaughterhouses.</p> <p>AWARDS: 2018: CIWF Good Chicken Award</p> <p>2020 in France: - 14% total organic chicken - 100% with lower stocking density + enrichment + natural light (only one supplier does not yet have the lower stocking density) vs 66% in 2019</p>
<p style="text-align: center;">Turkey</p>	<p>100% turkey from farms with natural light and enrichments (pecking objects and platforms) by end of 2020</p> <p>Move to 100% higher welfare systems (cage-free and enriched environment)</p> <p>100% turkey from farms with lower stocking density and slower growing breeds by 2026</p> <p>2020 in France : 100% Turkey Label Rouge (Pays de la Loire)</p>	<p>Together with our suppliers, we are also finalizing a roadmap for the implementation of our new commitment to source 100% of turkey from farms with lower stocking density and slower growing breeds by 2026.</p> <p>In 2020, we achieved 100% Label Rouge in France, which represents 18% of Europe SN volumes.</p>
<p style="text-align: center;">Pigs</p>	<p>All suppliers with action plan in place to phase out tail docking & teeth grinding by 2025</p> <p>100% farms with enrichments- chewable and friable by 2025</p> <p>Action plans to phase out farrowing crates and sow stalls by 2025</p>	<p>2017: 0% surgically castrated pigs 62% pigs from Dutch certification Beter Leven 1 system (vs. 30% in 2016)</p> <p><u>Beter Leven 1</u> system includes: - more space - enrichment material - restrictions on tail docking - no surgical castration - maximum transport duration for piglets is 6 hours and for pigs 8 hours - Commitment to eliminate sow stalls by 2025</p> <p>2019: 0% surgically castrated pigs 77% with no routine teeth grinding 100% with no routine use of antibiotics and no use of antibiotics critical to human health. 38% pigs from Dutch Certification Beter Leven 1 system. NOTE: The decline in percentage between 2017 and 2019 is due to the fact that Beter Leven is a Dutch certification that does not exist in other countries.</p>

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		<p>2020: 39 % pigs from Dutch Certification Beter Leven 1 system 100% of pigs are without surgical castration 77% of pigs in Europe are not in stalls during the dry period</p>
Rabbits	Move to 100% higher welfare systems (cage-free and enriched environment)	<p>2018 / 2019 / 2020: 100% cage-free rabbits coming from environments with</p> <ul style="list-style-type: none"> - Pens (min 800cm²/rabbit, min length 1,8m, no height restriction) - Comfortable flooring like plastic min 80% - Platforms, gnawing objects, hiding spaces, hay or straw, - No routine use of antibiotics <p>AWARDS: 2018: CIWF Good Rabbit Commendation</p>
Calves	100% suppliers with: group housing and comfortable fiber bedding, only Colostrum provided within 6 hours, maximum 8 hours transport by 2020	<p>Progress made- % with group housing and comfortable fiber bedding: 2016: 53% 2018: 88% 2019-2020: 100%</p>
Beef & Lamb	100% with access to pasture	<p>% access to pasture: 2016: 81% beef / 100% Lamb 2018 / 2019 / 2020: 100% beef & lamb</p>
Meat & Farmed fish	Include animal welfare standards in product specifications and supplier contracts	Any new animal welfare standard adopted by Danone is added to product specifications (in addition to previously adopted standards and commitments). These are contractual documents, where breach of compliancy means breach of contract.
	Reduction or avoidance of antibiotics for prophylactic use	<p>We are working with our suppliers to reduce the use of antibiotics, testing alternative methods to strengthen immune systems. For instance, we worked with a chicken supplier to eliminate antibiotic use through lower density, vaccination and the use of herbal treatments.</p> <p>In 2020: there was no use of routine antibiotics for 100% of chickens (VS 46% in 2019)</p>
	<p>TRANSPORT:</p> <p>Animals should not be loaded, transported or unloaded in a way likely to cause injury or undue suffering.</p> <p>Transport of live animals and all related operations must comply with relevant legislation</p>	<p>We have started to include in our specifications to suppliers a requirement to limit live transport for meat animals to 8 hours maximum.</p> <p>2018: This criterion is listed in the specifications of 2 suppliers, amounting to 8% of total ELN volumes of meat (calves and lambs).</p> <p>2019: 17% of our suppliers for total ELN volumes of meat (calves, chicken, rabbits) limit transport time to 8 hours.</p> <p>2020: 97% of global volumes compliant, the remaining 3% are from supplier we are stopping to work with. In 2021, we will reach 100%.</p>
	Pre-slaughter stunning	2018 / 2019 / 2020: 100% of meat animals and farmed fish stunned before slaughter (as per audit)
Wild fish	Certification compliance	<p>2018: 100% of our wild fish are certified (89% MSC certified and the remaining 11% Pole & Line certified). 100% of our wild tuna volumes are Pole & Line certified</p> <p>2019: 100% of our wild fish are certified (90% MSC certified and the remaining 10% Pole and Line certified). 100% of our wild tuna volumes are Pole and Line certified</p>

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2020: 100% of our wild fish are certified (91% MSC certified and the remaining 9% Pole & Line certified). 100% of our wild tuna volumes are Pole & Line and Dolphin friendly certified.

ANNEXES

Table 1:

% of global volumes concerned by animal welfare practices:

BBFAW survey		2018 (% of global volume)	2019 (% of global volume)	2020 (% of global volume)
# 20 Proportion of animals free from confinement				
	Laying hens	37	83	100
	Broiler chickens	--	--	26
	Turkey	--	--	8
	Pigs	--	--	39
	Rabbits	--	--	100
	Veal calves	--	--	100
	Beef and lamb	--	--	40
	Dairy cows	--	91	91
# 21 Proportion of animals with effective species-specific enriched environments				
	Broiler chicken	--	--	33
	Turkey	--	--	13
	Pigs	--	--	39
	Rabbits	--	--	100
# 22 Proportion of animals free from routine mutilations				
	Chicken: beak trimming	100	100	100
	Pigs: teeth grinding	--	--	39
	Pigs: Castration	--	--	100
	Dairy cows: Tail docking	--	93	94
	Dairy cows: Dehorning	--	98	99
# 23 Proportion of animals subject to pre slaughter stunning				
	Broiler chickens, turkey, pigs, rabbits, veal calves, beef, lamb, farmed fish,	--	--	100
# 25 Maximum permitted live transport time < 8 hours	Broiler chickens, turkey, pigs, rabbits, veal calves, beef, lamb, farmed fish,	--	--	97

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# 28 Proportion of laying hens is cage free		37	83	100
# 29 Proportion of pigs free from sows stalls		--	--	77
# 30 Proportion of dairy cows free from tethering		--	91	91
# 31 Proportion of broiler chickens reared at lower stocking densities		--	--	26
# 32 Proportion of laying hens free from beak trimming		100	100	100
# 33 Proportion of pigs free from tail docking		--	--	39
# 34 Proportion of dairy cows free from tail docking		--	93	94
# 35 Proportion of chicken meat with lower growth potential		--	--	7
# 36 Proportion of animals that is pre slaughter stunned	Beef, lamb, pork, chicken, calves, turkey, rabbit, horse, fish	--	--	100
# 37 Proportion of animals transported within maximum journey times	Beef, lamb, pork, chicken, calves, turkey, rabbit, horse, fish	--	--	100

Table 2:

Welfare outcome and key performance indicators

Dairy

The on-farm dairy assessment tool is a combination of gathering KPI's, interviewing the farm manager and animal observations. In the process of the assessment, depending per criteria and performance, points, are gathered. Positive when good or negative when improvement is needed. After completion the total sum of points defines the score and that lies between 0 and 100, where the higher the better score.

Criterion	KPI	Score	KPI	Score	KPI	Score
Flight distance (% of cows flight > 2m)	< 5%	7	>= 5% and <25%	3	>25%	0
BCS (% of cows BCS <=2)	<5%	7	>= 5% and <15%	3	>15%	0
Hock lesions (% of cows with swelling or lesions)	0%	7	>0% and <5%	3	>5%	0
Lameness (% of cows with severe or moderate lameness)	< 5% severe and <15% moderate	7	>= 5% and <10% severe OR >=15% and <25% moderate	3	>=10% severe OR >25% moderate	0
Mortality (average % over last 12 months)	<5%	7	>=5% and <20%	3	>=20% or no record	0

*This * refers to 2020 BBAW question number.*

Culling rate (average % of culled cows over last 12 months)	<20%	0	>= 20% and <30%	0	>=30%	0
SCC (last 3 months geometric average)	<200.000	3	>=200.000 and <300.000	1	>= 300.000	0

Table 3:

Results from the dairy farm assessments in the year. All is global scope.

Criterion		2018	2019	2020
Flights distance	Average points	6,0	6,0	6,3
Body Condition Score	Average points	5,1	6,2	6,4
Hock lesions	Average points	4,7	5,5	5,6
Lameness	Average points	6,3	5,9	6,4
Mortality	Average points	5,9	5,7	5,8
	Rate%	3,7%	4,0%	4,2%
Culling	Rate%	20,9%	21,1%	23,7%
SCC	Average points	2,1	1,8	1,6
	(*1000)	220	228	233

External information:

Organic milk from Normandy 'Les Prés Rient Bio' labeled Fair for Life: <https://www.danone.com/fr/stories/articles-list/presientbio-fairforlife.html>

Danone's care for animals, recognized by AENOR: <https://www.danone.es/es/granjasfamiliares/bienestar-animal.html>

Caring for our Cows : <http://www.mvpdairyllc.com/meet-the-cows/>

Partnerships for sustainable dairy (Wageningen):

https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwifmsjsxdPwAhvJBWMBHcSTACUQFnoECCUQAA&url=https%3A%2F%2Fwww.wur.nl%2Fen%2Fdisplay%2FBrochure-Partnerships-for-sustainable-dairy-1.htm&usg=AOvVaw1yEoF_4Mn8n4njh_DoQAUm

Danone and Bureau Veritas for animal welfare : <https://www.bureauveritas.fr/magazine/bureau-veritas-engage-aux-cotes-de-danone-en-faveur-du-bien-etre-animal>

Danone and Phylum: 10 years of collaboration, Danone at the top of the list of companies in BBFAW [French version]: <https://www.phylum.fr/blog/10-ans-de-collaboration-sur-le-bien-etre-animal-avec-danone-en-tete-des-entreprises-francaise>

Increasing grazing surface for dairy cows to lower farm carbon footprint: <https://www.danone.com/fr/stories/articles-list/farmers-projects-support.html>

Danone first French company for animal welfare : <https://www.agra.fr/agra-presse/bien-etre-animal-lagroalimentaire-francais-bien-place-sans-etre-leader>
& <https://www.cnr-bea.fr/2020/04/06/bien-etre-animal-agroalimentaire-francais/>

Support farmers in their transition to Regenerative Agriculture : <https://www.danone.com/fr/stories/articles-list/supporting-dairy-farmers.html>

*This * refers to 2020 BBFAW question number.*

Josep Maria of Can Ribas and animal welfare : <https://www.danone.com/stories/articles-list/josep-maria-can-ribas.html>

Social media:

LinkedIn:

Phylum guide for animal welfare, in partnership with Danone : https://www.linkedin.com/posts/cees-jan-hollander-94892114_animalwelfare-producteur-dairy-activity-6800497747507060736-w73K

Danone and the best farms in terms of sustainable practices:

https://www.linkedin.com/feed/update/urn:li:activity:6771014761434910720/?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V2%2Curn%3Ali%3Aactivity%3A6771014761434910720%29

&

https://www.linkedin.com/feed/update/urn:li:activity:6770734318718377984/?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V2%2Curn%3Ali%3Aactivity%3A6770734318718377984%29

&

https://www.linkedin.com/feed/update/urn:li:activity:6781269836606537728/?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V2%2Curn%3Ali%3Aactivity%3A6781269836606537728%29

Promote regenerative agriculture:

https://www.linkedin.com/feed/update/urn:li:activity:6790541734414815232/?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V2%2Curn%3Ali%3Aactivity%3A6790541734414815232%29

Advising farmers on farm animal welfare:

https://www.linkedin.com/feed/update/urn:li:activity:6690938835917918208/?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V2%2Curn%3Ali%3Aactivity%3A6690938835917918208%29