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2023 G7 Hiroshima Summit Final Compliance Report

22 May 2023 to 15 May 2024

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10. Food and Agriculture: Food Safety and Sustainable Production

“[We commit to] supporting adoption of the One Health approach to address food safety [and] sustainable food production.”

Hiroshima Action Statement for Resilient Global Food Security

Assessment

	No Compliance	Partial Compliance	Full Compliance
Canada			+1
France			+1
Germany			+1
Italy			+1
Japan			+1
United Kingdom			+1
United States			+1
European Union			+1
Average	+1.00 (100%)		

Background

Food security has been a global developmental concern for several decades. The United Nations Food and Agriculture Organization (FAO) estimated that 2.4 billion people experienced moderate or severe food insecurity in 2022.²¹¹² This reflects a significant global issue that is exacerbated by climate change, conflict, economic fluctuations and a lack of access to safe food. G7 leaders first addressed food sector strategies and the issue of hunger at the 1979 Tokyo Summit.²¹¹³ Following this, they discussed the importance of accelerated food production at the 1981 Ottawa Summit.²¹¹⁴ At the 2000 Okinawa Summit, G8 leaders recognized the importance of national food safety systems and reaffirmed their commitment towards global food security.²¹¹⁵ Since then, food and agriculture has remained a global priority for the G7, with most summit declarations and communiqués since the 1980s including mentions of food security. The G7 and World Bank also jointly convene the Global Alliance for Food Security (GAFS), which was launched as part of the G7’s German Presidency in 2022. Priority areas for GAFS include “boosting sustainable agricultural production” to support the goal of global food security.²¹¹⁶ In addition to supporting global food security, G7 leaders committed to a One Health approach that includes sectors such as agriculture at the 2015 Elmau Summit.²¹¹⁷ Since then, the G7 has reaffirmed its support towards the One Health approach, most recently committing to adopting the One Health approach to address food safety and sustainable food production at the 2023 Hiroshima Summit.²¹¹⁸

²¹¹² The State of Food Security and Nutrition in the World 2023, Food and Agriculture Organization of the United Nations, UNICEF, International Fund for Agricultural Development, World Food Programme and World Health Organization (Rome) 2023. Access Date: 8 October 2023. <https://www.fao.org/3/cc3017en/cc3017en.pdf>

²¹¹³ Declaration, G7 Information Centre (Toronto) 29 June 1979. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/1979tokyo/communique.html>

²¹¹⁴ Declaration of the Ottawa Summit, G7 Information Centre (Toronto) 21 July 1981. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/1981ottawa/communique/index.html>

²¹¹⁵ G8 Communiqué Okinawa 2000, G7 Information Centre (Toronto) 23 July 2000. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/2000okinawa/finalcom.htm>

²¹¹⁶ What is the Global Alliance for Food Security?, Global Alliance for Food Security n.d. Access Date: 8 October 2023. <https://www.gafs.info/about/>

²¹¹⁷ Leaders’ Declaration: G7 Summit, G7 Information Centre (Toronto) 8 June 2015. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/2015elmau/2015-G7-declaration-en.html>

²¹¹⁸ Hiroshima Action Statement for Resilient Global Food Security, G7 Information Centre (Toronto) 20 May 2023. Access Date: 29 September 2023. <http://www.g7.utoronto.ca/summit/2023hiroshima/230520-food.html>

At the 2001 Genoa Summit, G8 leaders recognized the importance of food safety and committed to a “transparent, scientific and rules-based approach” to ensuring food safety.²¹¹⁹ G8 leaders also voiced their support for the FAO and World Health Organization’s joint establishment of the Global Forum of Food Safety Regulators.

At the 2004 Sea Island Summit, G8 leaders reaffirmed their commitment to address global food insecurity with a focus on ending famine and increasing sustainable agricultural productivity in the Horn of Africa.²¹²⁰ G8 leaders also committed to helping “food insecure nations, particularly in Africa,” to achieve international food safety standards.

At the 2008 Hokkaido Toyoko Summit, G8 leaders recognized the importance of agricultural investment and increased food production to address global food insecurity.²¹²¹ G8 leaders also committed to agricultural research and development to increase sustainable food production and develop sustainable farming technologies.

At the 2009 L’Aquila Summit, G8 leaders recognized the need for food security and agriculture to be placed at the forefront of their international agenda with G8 leaders committing to promoting increased sustainable global food production and agriculture.²¹²² G8 leaders also launched the L’Aquila Food Security Initiative (AFSI) to address issues of food security, nutrition and sustainable agriculture through investment and global partnerships.²¹²³

At the 2010 Muskoka Summit, G8 leaders reaffirmed their commitment to global food security and recognized the importance of agricultural investment in developing countries to achieve this goal.²¹²⁴ G8 leaders also shared that USD22 billion was mobilized as part of AFSI to support sustainable agricultural development over three years.

At the 2011 Deauville Summit, G8 leaders reassured their commitment to meet commitments regarding food security and encouraged bilateral and multilateral responses to address global food insecurity.²¹²⁵ G8 leaders also endorsed the Deauville Accountability Report which documents actions and financial mobilization by the G8 to achieve commitments on health and food security.

At the 2012 Camp David Summit, G8 leaders reaffirmed their commitment towards global food security and acknowledged increased efforts for this goal since the L’Aquila Summit.²¹²⁶ G8 leaders also announced the launch of the New Alliance for Food Security and Nutrition which aims to increase the inflow “of private capital [for] African agriculture” and support advancements of new technologies to increase sustainable agricultural productivity.

²¹¹⁹ Communiqué, G7 Information Centre (Toronto) 22 July 2001. Access Date: 8 October 2023.

<http://www.g7.utoronto.ca/summit/2001genoa/finalcommuniqué.html>

²¹²⁰ Ending the Cycle of Famine in the Horn of Africa, Raising Agricultural Productivity and Promoting Rural Development in Food Insecure Countries, G7 Information Centre (Toronto) 10 June 2004. Access Date: 8 October 2023.

<http://www.g7.utoronto.ca/summit/2004seaisland/famine.html>

²¹²¹ G8 Leaders Statement on Global Food Security, G7 Information Centre (Toronto) 8 July 2008. Access Date: 8 October 2023.

<http://www.g7.utoronto.ca/summit/2008hokkaido/2008-food.html>

²¹²² Responsible Leadership for a Sustainable Future, G7 Information Centre (Toronto) 8 July 2009. Access Date: 8 October 2023.

<http://www.g7.utoronto.ca/summit/2009laquila/2009-declaration.html>

²¹²³ L’Aquila Joint Statement on Global Food Security: L’Aquila Food Security Initiative (AFSI), G7 Information Centre (Toronto) 9 July 2009. Access Date: 8 October 2023. <http://www.g8.utoronto.ca/summit/2009laquila/2009-food.html>

²¹²⁴ Muskoka Declaration: Recovery and New Beginnings, G7 Information Centre (Toronto) 26 June 2010. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/2010muskoka/communiqué.html>

²¹²⁵ G8 Declaration: Renewed Commitment for Freedom and Democracy, G7 Information Centre (Toronto) 27 May 2011. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/2011deauville/2011-declaration-en.html>

²¹²⁶ Camp David Declaration, G7 Information Centre (Toronto) 19 May 2012. Access Date: 8 October 2023.

<http://www.g7.utoronto.ca/summit/2012campdavid/g8-declaration.html>

At the 2016 Ise-Shima Summit, G7 leaders committed to “actively implementing a multi-sectoral One Health approach” that incorporates the food and agriculture sector.²¹²⁷ The G7 also recognized the emphasis on food and nutrition as part of the UN’s 2030 Sustainable Development Goals (SDGs) and committed to collaborative actions to “to lift 500 million people in developing countries out of hunger and malnutrition by 2030.”

At the 2017 Taormina Summit, G7 leaders reaffirmed previous commitments towards ending global food insecurity and increased support for “food security, nutrition and sustainable agriculture in Sub-Saharan Africa,” partly through increased official development assistance.²¹²⁸

At the 2021 Cornwall Summit, G7 leaders committed to ensuring sustainable food production and recognized the need for further action to strengthen global food systems and alleviate the rise of hunger and malnutrition globally.²¹²⁹

At the 2022 Elmau Summit, G7 leaders reaffirmed their commitment towards global food security in part through the Global Alliance for Food Security.²¹³⁰

At the 2023 Hiroshima Summit, G7 leaders reaffirmed their commitment to address the global food security crisis and develop sustainable agriculture and food systems.²¹³¹ G7 leaders also highlighted that climate-smart agriculture, traditional knowledge and “gender-responsive approaches that engage women” are essential to addressing food security concerns and developing sustainable food systems. In line with this, G7 leaders committed to incorporating the One Health approach to address food safety and sustainable food production.

Commitment Features

At the 2023 Hiroshima summit, leaders committed to “supporting adoption of the One Health approach to address food safety [and] sustainable food production.”²¹³² This commitment falls under target three of the Hiroshima Action Statement for Resilient Global Food Security which outlines actions that support “realizing resilient global food security and nutrition for all.” This commitment has two dimensions which are required to achieve full compliance: “supporting adoption” and “address[ing]” 1) food safety and 2) sustainable food production with the welfare target of improving health, under a One Health approach.

Definitions and Concepts

“Supporting” refers to “the action, or act of providing aid, assistance, or backing up an initiative, or entity.”²¹³³

“Adoption” is understood to mean “the act of beginning to practice or use something.”²¹³⁴

²¹²⁷ G7 Ise-Shima Leaders’ Declaration, G7 Information Centre (Toronto) 27 May 2016. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/2016shima/ise-shima-declaration-en.html>

²¹²⁸ G7 Taormina Leaders’ Communiqué, G7 Information Centre (Toronto) 27 May 2017. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/2017taormina/communique.html>

²¹²⁹ Carbis Bay G7 Summit Communiqué: Our Shared Agenda for Global Action to Build Back Better, G7 Information Centre (Toronto) 13 June 2021. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/2021cornwall/210613-communique.html>

²¹³⁰ G7 Leaders’ Statement, G7 Information Centre (Toronto) 12 December 2022. Access Date: 8 October 2023. <http://www.g7.utoronto.ca/summit/2022elmau/221212-statement.html>

²¹³¹ Hiroshima Action Statement for Resilient Global Food Security, G7 Information Centre (Toronto) 20 May 2023. Access Date: 29 September 2023. <http://www.g7.utoronto.ca/summit/2023hiroshima/230520-food.html>

²¹³² Hiroshima Action Statement for Resilient Global Food Security, G7 Information Centre (Toronto) 20 May 2023. Access Date: 29 September 2023. <http://www.g7.utoronto.ca/summit/2023hiroshima/230520-food.html>

²¹³³ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 12 November 2020. Access Date: 29 September 2023. http://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2020.pdf

²¹³⁴ Adoption, Merriam-Webster (Springfield) n.d. Access Date: 29 September 2023. <https://www.merriam-webster.com/dictionary/adoption>

“Address” is understood to mean “to give attention to or deal with a matter or problem.”²¹³⁵

According to the World Health Organization, the “One Health” approach is an “integrated, unifying approach to balance and optimize the health of people, animals and the environment.”²¹³⁶ This approach is considered interdisciplinary and encompasses various sectors including the public health, veterinary and environmental sectors. The One Health approach is “particularly important to prevent, predict, detect, and respond to global health threats” and is “particularly relevant for food and water safety [and] nutrition.” Additionally, this approach relies on joint responses to global health threats from government officials, researchers, and workers across local, national, regional, and global sectors. Joint responses may include developing shared databases and identifying new solutions for root causes of problems.

According to the FAO, “food safety” refers to an “assurance that food will not cause adverse health effects to the consumer when it is prepared and/or eaten according to its intended use.”²¹³⁷

“Sustainable food production” is understood to refer to agriculture which “contributes to all four pillars of food security – availability, access, utilization and stability – and the dimensions of sustainability (environmental, social and economic).”²¹³⁸ Sustainable food and agriculture is underlined by five key principles; increasing productivity, employment and value addition in food systems, protecting and enhancing natural resources, improving livelihoods and fostering inclusive economic growth, enhancing the resilience of people, communities and ecosystems and adapting governance to new challenges.

General Interpretive Guidelines

Full compliance, or a score of +1, will be given to G7 members that take strong actions to support the adoption of the One Health approach to address both commitment dimensions: food safety and sustainable food production. Strong actions can include funding to develop and execute an action plan to support the adoption of the One Health approach to address food safety and sustainable food production, financial subsidy programs to support farmers in developing sustainable food production, foreign investment to support the establishment of surveillance systems to monitor antimicrobial resistance in foodborne bacteria, and other relevant legislative/policy action.

Partial compliance, or a score of 0, will be assigned to G7 members who take strong actions to support the adoption of the One Health approach to address either food safety or sustainable food production or G7 members who take strong action in one commitment dimension (either addressing food safety or sustainable food production) and weak actions in the other or weak action in both. Weak, or less than strong action, can include verbal reaffirmations of support, attending meetings, etc.

Non-compliance, or a score of –1, will be assigned if the G7 member has not taken any actions to support the adoption of the One Health approach to address food safety and sustainable food production or the G7 member has only taken weak actions in one of the dimensions.

²¹³⁵ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 12 November 2020. Access Date: 29 September 2023.

http://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2020.pdf

²¹³⁶ One Health, World Health Organization (Geneva) 21 September 2017. Access Date: 29 September 2023. <https://www.who.int/news-room/questions-and-answers/item/one-health>

²¹³⁷ General Principles of Food Hygiene, Food and Agriculture Organization of the United Nations and the World Health Organization (Rome) 1969. Access Date: 29 September 2023. https://www.fao.org/fao-who-codexalimentarius/sh-proxy/en/?lnk=1&url=https%253A%252F%252Fworkspace.fao.org%252Fsites%252Fcodex%252Fstandards%252FCXC%2B1-1969%252FCXC_001e.pdf

²¹³⁸ Sustainable Food and Agriculture, Food and Agriculture Organization of the United Nations (Rome) n.d. Access Date: 29 September 2023. <https://www.fao.org/sustainability/en/>

Scoring Guidelines

-1	The G7 member has not taken any or has taken insufficient action to support the adoption of the One Health approach to address food safety or sustainable food production.
0	The G7 member has taken strong action to support the adoption of the One Health approach to address either food safety or sustainable food production or the G7 member has taken action in some of both.
+1	The G7 member has taken strong action to support the adoption of the One Health approach to address both commitment dimensions: food safety and sustainable food production.

*Compliance Director: Mabek Kaur
Lead Analyst: Irene Wu*

Canada: +1

Canada has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production.

On 29 May 2023, the Government of Canada, in collaboration with the Government of Manitoba, committed CAD65 million under the Sustainable Canadian Agricultural Partnership over a five-year period to support research into sustainable growth, resiliency, and climate change adaptation in the agriculture and agri-food sectors.²¹³⁹

On 14 June 2023, the Government of Canada, in partnership with the Government of Saskatchewan, committed CAD18 million under the Sustainable Canadian Agricultural Partnership over a five-year period to support animal health, disease surveillance, vaccine development, and treatment strategies for livestock, poultry, wildlife and companion animals.²¹⁴⁰ This fund aims to improve food safety and food supply for Canadian livestock and poultry.

On 20 June 2023, the Government of Canada committed CAD7.5 million under the AgriRecovery disaster relief framework to aid Manitoban beekeepers in rebuilding hives following unprecedented losses incurred over the 2021-2022 winter.²¹⁴¹ This fund allocation aims to return to full agricultural production capacity.

On 22 June 2023, the Minister of Health Jean Yves-Duclos and Minister of Agriculture and Agri-Food Marie-Claude Bibeau released the Pan-Canadian Action Plan on Antimicrobial Resistance.²¹⁴² The plan outlines federal and provincial commitments to increase preparedness and response to antimicrobial resistance and includes research and innovation, monitoring and infection prevention to protect animal health and welfare in agriculture and food production systems.

²¹³⁹ Manitoba announce support for research and innovation projects to support sustainable growth of agriculture sector, Agriculture and Agri-Food Canada (Winnipeg) 29 May 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/05/canada-manitoba-announce-support-for-research-and-innovation-projects-to-support-sustainable-growth-of-agriculture-sector-up-to-65-million-in-grant.html>

²¹⁴⁰ Governments of Canada and Saskatchewan invest \$18 million for diagnostic services for animals, Agriculture and Agri-Food Canada (Regina) 14 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/06/governments-of-canada-and-saskatchewan-invest-18-million-for-diagnostic-services-for-animals.html>

²¹⁴¹ Canada and Manitoba provide \$7.5 million in support for commercial beekeepers following high winter losses in 2021/22, Agriculture and Agri-Food Canada (Winnipeg) 20 June 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/06/canada-and-manitoba-provide-75-million-in-support-for-commercial-beekeepers-following-high-winter-losses-in-202122.html>

²¹⁴² Federal, Provincial and Territorial Governments Jointly Release the Pan-Canadian Action Plan on AMR, Public Health Agency of Canada (Ottawa) 22 June 2023. Access Date: 29 October 2023. <https://www.canada.ca/en/public-health/news/2023/06/federal-provincial-and-territorial-governments-jointly-release-the-pan-canadian-action-plan-on-amr.html>

On 29 June 2023, Parliamentary Secretary Francis Drouin, on behalf of Minister Bibeau, announced a CAD9.5 million funding agreement with Ag-West Bio.²¹⁴³ This agreement will fund agriculture biotechnology research and implementation to sustainably grow the agriculture sector.

On 4 July 2023, the Minister of Northern Affairs Dan Vandal announced a CAD7.7 million investment into the Manitoba Métis Federation through the Agricultural Climate Solutions – On-Farm Climate Action Fund and Local Food Infrastructure Fund.²¹⁴⁴ This investment will be allocated towards Red River Métis farmers to adopt sustainable farming practices and management practices to build climate change resilience and reduce greenhouse gas emissions.

On 10 July 2023, Minister Bibeau announced CAD16.2 million to build two living labs in Quebec.²¹⁴⁵ These labs will develop and evaluate sustainable management practices in the dairy, meat and field crop industries to store carbon and reduce greenhouse gas emissions.

On 11 July 2023, the Government of Canada committed CAD7.5 million to Dairy Farmers of Canada to support sustainable development in the dairy industry.²¹⁴⁶ This fund will support research into climate change, the environment, industry resilience, societal change and reduction of greenhouse gas emissions.

On 12 July 2023, the Government of Canada committed CAD68 million, in collaboration with the Government of Ontario, through the Agricultural Sustainability Initiative.²¹⁴⁷ These funds are allocated to the Resilient Agricultural Landscape Program to support Ontario farmers in reducing greenhouse gas emissions, the Agricultural Stewardship Initiative to adapt farming operations and the On-Farm Applied Research and Monitoring program to improve soil health and water quality.

On 12 July 2023, the Ministry of Agriculture and Agri-Food committed CAD12 million to the Canadian Cattle Association under the AgriScience Program.²¹⁴⁸ This fund will support research and technology transfer to sustainably grow the Canadian beef industry, reduce emissions and develop disease response methods.

On 18 July 2023, the Government of Canada, in collaboration with the Government of Ontario, invested CAD1 million to support resource development and education for Manitoban agricultural organizations.²¹⁴⁹

²¹⁴³ Saskatchewan’s agriculture biotechnology sector benefits from \$9.5 million funding over the next 5 years, Agriculture and Agri-Food Canada (Saskatoon) 29 June 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/06/saskatchewan-agriculture-biotechnology-sector-benefits-from-95-million-funding-over-the-next-5-years.html>

²¹⁴⁴ Government of Canada invests \$7.7 million in Manitoba Métis Federation to help adopt sustainable farming practices and strengthen food security, Agriculture and Agri-Food Canada (Winnipeg) 4 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/07/government-of-canada-invests-77-million-in-manitoba-metis-federation-to-help-adopt-sustainable-farming-practices-and-strengthen-food-security.html>

²¹⁴⁵ Government of Canada announces two new living labs in Quebec, Agriculture and Agri-Food Canada (Coaticook) 10 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/07/government-of-canada-announces-two-new-living-labs-in-quebec.html>

²¹⁴⁶ Government of Canada announces investment in Dairy Farmers of Canada to support sustainability, Agriculture and Agri-Food Canada (Winnipeg) 11 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/07/government-of-canada-announces-investment-in-dairy-farmers-of-canada-to-support-sustainability.html>

²¹⁴⁷ Governments Strengthening Agricultural Productivity and Sustainability, Agriculture and Agri-Food Canada (West Montrose) 12 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/07/governments-strengthening-agricultural-productivity-and-sustainability.html>

²¹⁴⁸ Beef industry receives funding to support its sustainable development, Agriculture and Agri-Food Canada (Calgary) 12 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/07/beef-industry-receives-funding-to-support-its-sustainable-development.html>

²¹⁴⁹ Manitoba governments to provide up to \$1 million to support training and resource development for agricultural industry, Agriculture and Agri-Food Canada (Winnipeg) 18 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/07/canada-manitoba-governments-to-provide-up-to-1-million-to-support-training-and-resource-development-for-agricultural-industry.html>

On 20 July 2023, the Government of Canada invested CAD9.2 million to build a living lab in Ontario.²¹⁵⁰ This lab will develop and evaluate sustainable management practices to store carbon and reduce greenhouse gas emissions in the Ontario agriculture industry.

On 20 July 2023, the Government of Canada announced the establishment of a Foot-and-Mouth Disease Vaccine Bank for Canada.²¹⁵¹ This vaccine bank will support livestock disease prevention and management and prevent disease outbreaks. This bank adds to existing emergency response plans and can reduce the duration and spread of potential outbreaks by one-half, enhancing food safety.

On 24 July 2023, the Government of Canada invested CAD2.4 million in collaboration with the Government of Manitoba to support the expansion of the Manitoban agricultural facility, Winkler Meats.²¹⁵² This investment will enhance the resiliency of the supply chain and reduce greenhouse gas emissions from transportation.

On 25 July 2023, the Government of Canada, in collaboration with the Government of Manitoba, invested CAD6.4 million to establish the Prairie Crops and Soils Research Facility.²¹⁵³ This facility will increase agronomic research and training to find sustainable crop production solutions.

On 1 August 2023, Minister of Agriculture and Agri-food Lawrence MacAulay, in collaboration with the Government of Manitoba, announced funding of up to CAD200,000 to support Indigenous food systems activities.²¹⁵⁴ This funding will increase food security and sovereignty in Indigenous communities and revitalize traditional food systems.

On 2 August 2023, the Government of Canada, in collaboration with the Government of Ontario, committed CAD7.5 million to support biosecurity measures for farmers, food processors and agri-food businesses.²¹⁵⁵ This fund will support measures to protect livestock and crops against disease and mitigate biosecurity risks in food production.

On 2 August 2023, the Government of Canada, in collaboration with the Government of British Columbia, committed CAD4 million to support British Columbia farmers and ranchers in mitigating the impacts of climate

²¹⁵⁰ Government of Canada announces new living lab in Ontario, Agriculture and Agri-Food Canada (Elora) 20 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/07/government-of-canada-announces-new-living-lab-in-ontario.html>

²¹⁵¹ Government of Canada announces plans to create a vaccine bank for Foot and Mouth Disease in animals, Canadian Food Inspection Agency (New Brunswick) 20 July 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/food-inspection-agency/news/2023/07/government-of-canada-announces-plans-to-create-a-vaccine-bank-for-foot-and-mouth-disease-in-animals.html>

²¹⁵² Governments of Canada and Manitoba provide \$2.4 million over 2 years to advance province's agri-processing sector, Agriculture and Agri-Food Canada (Winkler) 24 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/07/governments-of-canada-and-manitoba-provide-24-million-over-2-years-to-advance-provinces-agri-processing-sector.html>

²¹⁵³ Canada and Manitoba are investing up to \$6.4 million for an agricultural research and training facility at the University of Manitoba, Agriculture and Agri-Food Canada (Winnipeg) 25 July 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/07/canada-and-manitoba-are-investing-up-to-64-million-for-an-agricultural-research-and-training-facility-at-the-university-of-manitoba.html>

²¹⁵⁴ Governments of Canada and Manitoba invest in enhancing opportunities for Indigenous participation in agricultural sector, Agriculture and Agri-Food Canada (Winnipeg) 1 August 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/08/governments-of-canada-and-manitoba-invest-in-enhancing-opportunities-for-indigenous-participation-in-agricultural-sector.html>

²¹⁵⁵ Governments bolstering food supply system, Agriculture and Agri-Food Canada (Aylmer) 2 August 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/08/governments-bolstering-food-supply-system.html>

change.²¹⁵⁶ This fund will be used to improve waste management, air quality control, emissions control, soil integrity and water quality in agriculture.

On 3 August 2023, the Government of Canada, in collaboration with the Government of Manitoba, committed CAD2.85 million over a five-year period to Manitoba Beef and Forage Initiatives.²¹⁵⁷ This fund will support research into drought response, soil health and livestock health, as well as increase the profitability of the Canadian beef industry.

On 8 August 2023, the Government of Canada, in collaboration with the Government of Ontario, invested CAD1.3 million to improve the resiliency of Ontario beekeeper operations.²¹⁵⁸ This fund will support initiatives to prevent the spread of disease and maintain bee health.

On 15 August 2023, Minister MacAulay announced a CAD4 million investment into the Western Grains Research Foundation.²¹⁵⁹ The foundation focuses on disease management, plant nutrition, sustainable resource management and other methods to increase agriculture productivity.

On 18 August 2023, the Government of Canada invested CAD2 million under the Agricultural Clean Technology Program into the Port of Johnstown to minimize fuel consumption in grain drying.²¹⁶⁰ This installation will minimize fuel consumption by 20 to 40 per cent, an estimated 344 metric tonnes of emissions annually.

On 11 September 2023, the Government of Canada, in collaboration with the Government of Prince Edward Island, invested CAD46 million into Prince Edward Island's local agriculture industry.²¹⁶¹ This fund will support programs to increase the innovation and resiliency of the agriculture industry, including building soil resiliency and reducing erosion.

On 18 September 2023, the Government of Canada committed CAD1.81 million to support the British Columbia Poultry Association's highly pathogenic avian influenza outbreak preparation and prevention.²¹⁶²

²¹⁵⁶ British Columbia help farmers with climate adaptation, drought, Agriculture and Agri-Food Canada (Victoria) 2 August 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/08/canada-bc-help-farmers-with-climate-adaptation-drought.html>

²¹⁵⁷ Governments of Canada and Manitoba are investing up to \$2.85 million for Manitoba Beef and Forage Initiatives, Agriculture and Agri-Food Canada (Winnipeg) 3 August 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/08/governments-of-canada-and-manitoba-are-investing-up-to-285-million-for-manitoba-beef-and-forage-initiatives.html>

²¹⁵⁸ Canada and Ontario investing to support honey bee health, Agriculture and Agri-Food Canada (Toronto) 8 August 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/08/canada-and-ontario-investing-to-support-honey-bee-health.html>

²¹⁵⁹ Minister MacAulay announces investment for Western Grains Research Foundation to grow the agronomy sector, Agriculture and Agri-Food Canada (Saskatoon) 15 August 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/08/minister-macaulay-announces-investment-for-western-grains-research-foundation-to-grow-the-agronomy-sector.html>

²¹⁶⁰ Government of Canada invests \$2 million in the Port of Johnstown to enhance grain drying capacity for local farmers in Eastern Ontario, Agriculture and Agri-Food Canada (Johnstown) 18 August 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/08/government-of-canada-invests-2-million-in-the-port-of-johnstown-to-enhance-grain-drying-capacity-for-local-farmers-in-eastern-ontario.html>

²¹⁶¹ Federal and Provincial Governments announce record investment through new Sustainable Canadian Agricultural Partnership, Agriculture and Agri-Food Canada (Charlottetown) 11 September 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/09/federal-and-provincial-governments-announce-record-investment-through-new-sustainable-canadian-agricultural-partnership.html>

²¹⁶² Government of Canada invests in capacity for responding to avian influenza outbreaks in British Columbia, Canadian Food Inspection Agency (Ottawa) 18 September 2023. Access Date: 23 October 2023. <https://www.canada.ca/en/food-inspection-agency/news/2023/09/government-of-canada-invests-in-capacity-for-responding-to-avian-influenza-outbreaks-in-british-columbia.html>

This initiative includes biocontainment training and secondary disease destruction capacity to expand response capacity without risking livestock welfare.

On 5 October 2023, Minister MacAulay, in collaboration with the Quebec Minister of Agriculture, Fisheries and Food, committed CAD157.7 million to the Innovation Bioalimentaire program.²¹⁶³ The program will provide funding for research and innovation in Quebec's bio-food sector, including implementing sustainable agricultural practices and improving agricultural technology.

On 10 October 2023, Minister MacAulay, in collaboration with the Fruit and Vegetable Growers of Canada, invested CAD9.8 million into the Canadian AgriScience Cluster for Horticulture.²¹⁶⁴ This fund will contribute to research into disease management, climate resilience, greener pesticides and energy.

On 12 October 2023, the Government of Canada, in collaboration with the Government of Ontario, invested CAD16.5 million into agri-food research and innovation.²¹⁶⁵ Funding will support the development of new technologies and practices to improve the competitiveness of the Ontario agricultural sector and research into the resiliency of the agri-food sector and food safety.

On 20 October 2023, Minister MacAulay announced CAD219 million to ensure that farmers and ranchers in British Columbia, Alberta and Saskatchewan have the necessary finances to pursue agricultural production amidst drought and wildfires.²¹⁶⁶ The funds will be provided through the AgriRecovery Framework.

On 20 October 2023, the Ministry of Agriculture and Agri-food announced a joint investment by the Albertan and Canadian governments to support livestock producers to manage their herds amidst drought in Alberta.²¹⁶⁷ The federal government will provide CAD99 million and Alberta's government will provide CAD66 million to fund this initiative through the Sustainable Canadian Agricultural Partnership.

On 20 October 2023, the Ministry of Agriculture and Agri-food announced up to CAD71 million in joint funding from the British Columbia and federal governments to support farmers and ranchers affected by drought and wildfires in British Columbia.²¹⁶⁸ This initiative aims to assist farmers with feeding their livestock, transportation costs, repairs of infrastructure and replacing bee colonies. Funding will be provided through the Sustainable Canadian Agricultural Partnership to help ensure farmers food availability and production for British Columbia.

²¹⁶³ Quebec and Ottawa announce \$157.5 million to support research and innovation in the bio-food sector, Agriculture and Agri-Food Canada (Quebec City) 5 October 2023. Access Date: 4 November 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/10/ottawa-and-quebec-announce-the-first-calls-for-projects-under-the-new-programme-innovation-bioalimentaire-20230208.html>

²¹⁶⁴ Minister MacAulay announces new investment to advance Canada's horticulture sector and improve environmental sustainability, Agriculture and Agri-Food Canada (Abbotsford) 11 October 2023. Access Date: 22 October 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/10/minister-macaulay-announces-new-investment-to-advance-canadas-horticulture-sector-and-improve-environmental-sustainability.html>

²¹⁶⁵ Ontario Agri-Food Research Initiative funding projects that boost production and increase trade opportunities for home grown products, Agriculture and Agri-Food Canada (Toronto) 12 October 2023. Access Date: 4 November 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/10/ontario-agri-food-research-initiative-funding-projects-that-boost-production-and-increase-trade-opportunities-for-home-grown-products.html>

²¹⁶⁶ Government of Canada announces \$219 million to support farmers and ranchers in Western Canada facing the impacts of drought and wildfires, Agriculture and Agri-Food Canada (Ottawa) 20 October 2023. Access Date: 13 December 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/10/government-of-canada-announces-219-million-to-support-farmers-and-ranchers-in-western-canada-facing-the-impacts-of-drought-and-wildfires.html>

²¹⁶⁷ Drought relief support for livestock producers, Agriculture and Agri-Food Canada (Calgary) 20 October 2023. Access Date: 13 December 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/10/drought-relief-support-for-livestock-producers.html>

²¹⁶⁸ Federal-provincial support helping disaster-affected farmers, Agriculture and Agri-Food Canada (Victoria) 20 October 2023. Access Date: 13 December 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/10/federal-provincial-support-helping-disaster-affected-farmers.html>

On 27 October 2023, the Ministry of Agriculture and Agri-food opened the application period for the 2023 Canada-Alberta Drought Livestock Assistance program.²¹⁶⁹ This initiative will provide up to CAD165 million to support livestock farmers who experienced drought to “maintain female breeding animals” including cattle, bison and elk.

On 30 October 2023, the Ministry of Agriculture and Agri-food announced a joint investment of CAD8 million between the federal and Ontario governments to support the production of apples, tender fruits and the wine grapes.²¹⁷⁰ Funding will be provided through the Sustainable Canadian Agricultural Partnership and aims to increase fruit production in Canada.

On 31 October 2023, the Ministry of Agriculture and Agri-food announced CAD600,000 in funding through the Sustainable Canadian Agricultural Partnership to support new and small-scale farmers.²¹⁷¹ This initiative aims to support sustainable food production by supporting the growth of farming businesses and implementation of farming equipment including greenhouses and irrigation systems.

On 3 November 2023, the Minister of International Development Ahmed Hussen committed CAD35.5 million in funding to combat hunger in developing countries in response to climate change and extreme weather events.²¹⁷² Funding will be provided to the Canadian Foodgrains Bank to improve climate resistance and lower carbon emissions in Ethiopia, Kenya, Mozambique and Zimbabwe. This fund aims to combat food insecurity and protect biodiversity.

On 14 November 2023, Minister MacAulay announced the Agricultural Methane Reduction Challenge.²¹⁷³ Up to CAD12 million will be awarded to proposed affordable and scalable agricultural processes and technologies that reduce methane emissions. This initiative aims to reduce methane emissions produced by Cattle in the livestock industry.

On 14 November 2023, the Government of Canada committed CAD4 million to Quebec fisheries under the Quebec Fisheries Fund.²¹⁷⁴ Funding will be provided to 35 projects to improve efficiency, sustainability and innovation in the fishing industry. Approved projects improve the environmental safety of marine product processing plants, enhance the safety and communications capabilities of fishing crews and develop new fishing nurseries to grow fish populations.

²¹⁶⁹ Applications opening for livestock drought relief, Agriculture and Agri-Food Canada (Edmonton) 27 October 2023. Access Date: 13 December 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/10/applications-opening-for-livestock-drought-relief.html>

²¹⁷⁰ Governments positioning fruit farming sector for growth, Agriculture and Agri-Food Canada (Lincoln) 30 October 2023. Access Date: 13 December 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/10/governments-positioning-fruit-farming-sector-for-growth.html>

²¹⁷¹ Canada, British Columbia supporting new and young farmers, Agriculture and Agri-Food Canada (Victoria) 31 October 2023. Access Date: 13 December 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/10/canada-british-columbia-supporting-new-and-young-farmers.html>

²¹⁷² Minister Hussen announces funding for Canadian Foodgrains Bank, Global Affairs Canada (Winnipeg) 3 November 2023. Access Date: 30 November 2023. <https://www.canada.ca/en/global-affairs/news/2023/11/minister-hussen-announces-funding-for-canadian-foodgrains-bank.html>

²¹⁷³ Agriculture and Agri-Food Canada launches new Agricultural Methane Reduction Challenge, Agriculture and Agri-Food Canada (Sainte-Clotilde de Châteauguay) 14 November 2023. Access Date: 30 November 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/11/agriculture-and-agri-food-canada-launches-new-agricultural-methane-reduction-challenge.html>

²¹⁷⁴ Backgrounder - 30 recipients of the Quebec Fisheries Fund receive nearly \$6 million in contributions from the Government of Canada and the Government of Quebec, Fisheries and Oceans Canada (Newport) 14 November 2023. Access Date: 30 November 2023. <https://www.canada.ca/en/fisheries-oceans/news/2023/11/backgrounder---30-recipients-of-the-quebec-fisheries-fund-receive-nearly-6-million-in-contributions-from-the-government-of-canada-and-the-governmen.html>

On 14 November 2023, the Government of Canada, in collaboration with the Government of New Brunswick, invested CAD2.8 million in the development and testing of whale-safe snow crab fishing.²¹⁷⁵ The research will test the effectiveness of alternative gear and acoustic technology in snow-crab fishing, such as low-breaking strength gear and hydrophones for whale tracking.

On 14 November 2023, Minister MacAulay announced CAD9 million in funding for the Canola Council of Canada to support the increase of sustainable production in the canola sector.²¹⁷⁶ Funding will be provided as part of the Canola Cluster initiative under the Sustainable Canadian Agricultural Partnership.

On 15 November 2023, the Ministry of Agriculture and Agri-Food announced the creation of a living lab in Manitoba.²¹⁷⁷ This lab will facilitate the work of agricultural producers, scientists, and sector partners to develop and test sustainable agricultural management practices in collaboration with the Manitoba Association of Watersheds. These management practices aim to reduce greenhouse gas emissions in agriculture.

On 15 November 2023, the Government of Canada, in collaboration with the Government of Newfoundland and Labrador, announced a CAD25.3 million investment in Newfoundland and Labrador's fishers and processors.²¹⁷⁸ This funding will support 147 projects to improve the productivity and sustainability of the fish and seafood industry in the province. Projects will focus on improving sustainability in handling and processing.

On 20 November 2023, the Government of Canada, in collaboration with the Government of Ontario, committed CAD25 million to improve energy efficiency and production output in the agricultural sector.²¹⁷⁹ Funding will be distributed to farms and food processing businesses to invest in efficiency-enhancing technology and equipment. This investment aims to support the Grow Ontario Strategy of growing food production in Ontario by 30 per cent.

On 24 November 2023, the Government of Canada, in collaboration with the Government of Ontario, committed CAD1.65 million to support research into agricultural management and production at the Lakehead University Agricultural Research Station.²¹⁸⁰ Funding will support research into improving crop yields and soil health, as well as environmental sustainability. Research will be conducted in collaboration with Indigenous communities.

On 24 November 2023, the Government of Canada, in collaboration with the Government of British Columbia, committed CAD3 million to support British Columbia agricultural producers in accessing new technologies.²¹⁸¹ This funding is provided in response to rising costs of equipment and labour shortages. On-

²¹⁷⁵ Government of Canada and Province of New Brunswick help the Association des Crabiers Acadiens Inc. undertake testing of whale-safe snow crab fishing technologies, Fisheries and Oceans Canada (Moncton) 14 November 2023. Access Date: 30 November 2023. <https://www.canada.ca/en/fisheries-oceans/news/2023/11/government-of-canada-and-province-of-new-brunswick-help-the-association-des-crabiers-acadiens-inc-undertake-testing-of-whale-safe-snow-crab-fishing.html>

²¹⁷⁶ <https://www.canada.ca/en/agriculture-agri-food/news/2023/11/minister-macaulay-announces-investment-to-strengthen-canadas-canola-sector.html>

²¹⁷⁷ Minister MacAulay announces new living lab in Manitoba, Agriculture and Agri-Food Canada (Winnipeg) 15 November 2023. Access Date: 30 November 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/11/minister-macaulay-announces-new-living-lab-in-manitoba.html>

²¹⁷⁸ Investing in Newfoundland and Labrador's fishers and processors, Fisheries and Oceans Canada (St. John's) 15 November 2023. Access Date: 30 November 2023. <https://www.canada.ca/en/fisheries-oceans/news/2023/11/investing-in-newfoundland-and-labradors-fishers-and-processors.html>

²¹⁷⁹ Governments driving innovation in food production, Agriculture and Agri-Food Canada (Waterdown) 20 November 2023. Access Date: 30 November 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/11/governments-driving-innovation-in-food-production.html>

²¹⁸⁰ Governments strengthening agriculture and food sector in Northern Ontario, Agriculture and Agri-Food Canada (Thunder Bay) 24 November 2023. Access Date: 30 November 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/11/governments-strengthening-agriculture-and-food-sector-in-northern-ontario.html>

²¹⁸¹ Canada, British Columbia supporting British Columbia farmers with access to technology, Agriculture and Agri-Food Canada (Victoria) 24 November 2023. Access Date: 30 November 2023. <https://www.canada.ca/en/agriculture-agri-food/news/2023/11/canada-british-columbia-supporting-british-columbia-farmers-with-access-to-technology.html>

farm technologies such as automated equipment and farm management software will help to increase production and farm efficiency.

On 20 December 2023, the Government of Canada in collaboration with the Government of Manitoba expanded eligibility and offered additional funding for Manitoban farmers under the Resilient Agricultural Landscape Program.²¹⁸² Funding is available for Manitoban primary producers to implement “beneficial management practices” in agroforestry and grasslands management to improve carbon sequestration and sustainable production.

On 10 January 2024, Minister MacAulay and Saskatchewan Agriculture Minister David Marit announced a CAD14.7 million investment in crop-related research to enhance the sustainability and competitiveness of the Canadian agriculture industry.²¹⁸³ Research projects receiving funding include projects to improve root rot management in pea and lentil crops, mitigate and manage invasive plant species and analyze the impact of calcium in agricultural products on soil health.

On 10 January 2024, the Canadian Minister of Health Mark Holland committed CAD300,000 to support the development of an environmental test for domoic acid which is a “naturally occurring [biotoxin] produced by algae.”²¹⁸⁴ This test will determine the presence of domoic acid in marine waters used for fishing and improve the food safety of Canadian seafood. Research will also determine the conditions that lead to domoic acid production, improving future seafood safety programs.

On 17 January 2024, the Government of Canada in collaboration with the Government of Ontario invested CAD8 million into improving processing efficiency and food safety in Ontario’s dairy processing industry.²¹⁸⁵ Funding will be used to implement and modernize technologies in dairy processing facilities, improving safety and sustainability.

On 23 January 2024, Minister MacAulay and Minister Marit committed CAD6.8 million “for livestock and forage research activities” addressing agricultural safety and sustainability.²¹⁸⁶ This funding will support thirty research projects including research into pathogen surveillance in cattle and improving African Swine Fever preparedness in agriculture.

On 24 January 2024, Minister MacAulay and Manitoba Agriculture Minister Ron Kostyshyn announced that the Government of Canada in collaboration with the Government of Manitoba will invest CAD1.5 million over a five-year period to improve health and safety in agricultural operations in Manitoba.²¹⁸⁷ Funding is

²¹⁸² Governments of Canada and Manitoba expand Resilient Agricultural Landscape Program: Carbon Sequestration and Grassland Resilience, Agriculture and Agri-Food Canada (Winnipeg) 20 December 2023. Access Date: 22 February 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2023/12/governments-of-canada-and-manitoba-expand-resilient-agricultural-landscape-program-carbon-sequestration-and-grassland-resilience.html>

²¹⁸³ Governments of Canada and Saskatchewan invest \$14.7 million in crop research, Agriculture and Agri-Food Canada (Saskatoon) 10 January 2024. Access Date: 22 February 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/01/governments-of-canada-and-saskatchewan-invest-147-million-in-crop-research.html>

²¹⁸⁴ Government of Canada invests in developing a portable test for domoic acid, a marine biotoxin, Canadian Food Inspection Agency (Ottawa) 10 January 2024. Access Date: 26 February 2024. <https://www.canada.ca/en/food-inspection-agency/news/2024/01/government-of-canada-invests-in-developing-a-portable-test-for-domoic-acid-a-marine-biotoxin.html>

²¹⁸⁵ Governments investing up to \$8 million in Ontario’s dairy processing sector, Agriculture and Agri-Food Canada (Toronto) 17 January 2024. Access Date: 22 February 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/01/governments-investing-up-to-8-million-in-ontarios-dairy-processing-sector.html>

²¹⁸⁶ Governments of Canada and Saskatchewan invest over \$6 million in livestock and forage research, Agriculture and Agri-Food Canada (Regina) 23 January 2024. Access Date: 22 February 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/01/governments-of-canada-and-saskatchewan-invest-over-6-million-in-livestock-and-forage-research.html>

²¹⁸⁷ Governments invest over \$1.5 million for the FarmSafe Manitoba project to improve health and safety standards on Manitoba farms, Agriculture and Agri-Food Canada (Winnipeg) 24 January 2024. Access Date: 22 February 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/01/governments-invest-over-15m-for-the-farmsafe-manitoba-project-to-improve-health-and-safety-standards-on-manitoba-farms.html>

provided through FarmSafe Manitoba to improve farm safety education and support livestock handling, hazard identification, chemical handling and emergency preparedness.

On 5 February 2024, Minister MacAulay announced up to CAD89 million in funding for 49 domestic projects to enable dairy, poultry and egg processors to purchase innovative equipment to address environmental challenges and increase sustainable production.²¹⁸⁸ Funding will be provided as part of the Supply Management Processing Investment Fund.

On 7 February 2024, the Government of Canada and the Government of Ontario announced CAD13 million in funding to support free-standing meat processors and abattoirs in Ontario.²¹⁸⁹ Funding will go towards 151 initiatives aimed at increasing sustainable food production and advancing meat processing equipment to ensure products meet food safety standards. This investment will be funded under the Sustainable Canadian Agricultural Partnership.

On 9 February 2024, the Member of Parliament for Winnipeg South Centre Ben Carr announced a CAD11 million investment to support and improve sustainable production in the Canadian pulse industry.²¹⁹⁰ Funding will support research into reducing nitrogen fertilizer consumption, increasing carbon sequestration and lowering the risk of disease outbreaks.

On 16 February 2024, the Government of Canada in collaboration with the Government of Quebec committed CAD34 million to support farms in improving the sustainability of their agricultural practices.²¹⁹¹ Eligible practices include crop diversification, reducing the use of herbicides, adopting biodiversity friendly practices for landscaping, improving soil conditions off-season and using seeds free of insecticides. This investment will support over 1,200 new farm businesses through the Ministerial Initiative for the Rewarding of Agri-Environmental Practices.

On 20 February 2024, the Government of Canada announced CAD10.6 million to support the Canadian pork industry, including improving the safety and sustainability of production.²¹⁹² Research activities supported by this fund include research into reducing greenhouse gas emissions, improving animal welfare and disease response and addressing antimicrobial resistance.

On 27 February 2024, Minister MacAulay announced CAD3.1 million to improve the National Index on Agri-Food Performance which displays information on the sustainability of agriculture companies.²¹⁹³ Funding will

²¹⁸⁸ Minister MacAulay announces support for dairy, poultry and egg processors across Canada, Agriculture and Agri-Food Canada (Ingliside) 5 February 2024. Access Date: 11 March 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/02/minister-macaulay-announces-support-for-dairy-poultry-and-egg-processors-across-canada.html>

²¹⁸⁹ Governments helping food processors boost efficiency, Agriculture and Agri-Food Canada (Toronto) 7 February 2024. Access Date: 11 March 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/02/governments-helping-food-processors-boost-efficiency.html>

²¹⁹⁰ Government of Canada announces funding to strengthen the pulse sector and mitigate climate change, Agriculture and Agri-Food Canada (Winnipeg) 9 February 2024. Access Date: 3 March 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/02/government-of-canada-announces-funding-to-strengthen-the-pulse-sector-and-mitigate-climate-change.html>

²¹⁹¹ \$34 million to support agricultural producers, Agriculture and Agri-Food Canada (Saint-Hyacinthe) 16 February 2024. Access Date: 26 February 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/02/34-million-to-support-agricultural-producers.html>

²¹⁹² Government of Canada announces investment to further strengthen Canada's position in the global pork sector, Agriculture and Agri-Food Canada (Sherbrooke) 20 February 2024. Access Date: 26 February 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/02/government-of-canada-announces-investment-to-further-strengthen-canadas-position-in-the-global-pork-sector.html>

²¹⁹³ Government of Canada announces funding to improve sustainability benchmark for agri-food, Agriculture and Agri-Food Canada (Ottawa) 27 February 2024. Access Date: 28 February 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/02/government-of-canada-announces-funding-to-improve-sustainability-benchmark-for-agri-food.html>

aid in “refining the tool” by adding additional information and upgrading the scale of the index. The updated index will improve the transparency of the Canadian agriculture industry.

On 28 February 2024, Minister MacAulay announced CAD502,374 to support the Organic Federation of Canada to update standards for certified organic food products.²¹⁹⁴ Funding will focus on sustainable agricultural practices that reduce greenhouse gas emissions and reduce the impact of climate change.

On 1 March 2024, Minister MacAulay announced CAD5.9 million in funding to support research and development in the Canadian wine sector.²¹⁹⁵ Funding will support research into pest and disease issues, providing clean materials and improving resiliency to climate change. These developments will improve the food safety of Canadian wine products.

On 5 March 2024, the Government of Canada and Government of Ontario announced over CAD1 million for the Maple Production Improvement Initiative which will support 77 maple syrup producers in Ontario. Funding aims to improve equipment, increase productivity and enable forest management.²¹⁹⁶ This initiative will be funded through the Sustainable Canadian Agricultural Partnership.

On 6 March 2024, on behalf of Minister MacAulay, Member of Parliament for Winnipeg North Kevin Lamoureux announced CAD11.2 million to support the Canadian Wheat Research Coalition.²¹⁹⁷ Funding will support research into best management practices to reduce greenhouse gas emissions, increase crop resilience to pests and diseases and improve wheat safety and sustainability.

On 7 March 2024, Minister MacAulay committed CAD97 million to improve sustainability on Canadian farms under the Agricultural Clean Technology program.²¹⁹⁸ Funding will support 162 projects to adopt clean technologies such as solar panels, reduce greenhouse gas emissions and improve energy efficiency.

On 7 March 2024, Minister MacAulay announced up to CAD1.7 million for Animal Health Canada to support animal disease prevention and mitigation in livestock.²¹⁹⁹ Funding will support improvements in preparedness for disease outbreaks including African Swine Fever and Food and Mouth Disease. Disease prevention includes developing vaccine strategies, critical training and analyzing surveillance data of livestock.

²¹⁹⁴ Government of Canada announces investment in standardization of organic agriculture and agri-food products, Agriculture and Agri-Food Canada (Ottawa) 28 February 2024. Access Date: 21 April 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/02/government-of-canada-announces-investment-in-standardization-of-organic-agriculture-and-agri-food-products.html>

²¹⁹⁵ Minister MacAulay announces \$177-million extension to Wine Sector Support Program, Agriculture and Agri-Food Canada (Niagara-on-the-Lake) 1 March 2024. Access Date: 21 April 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/03/minister-macaulay-announces-177-million-extension-to-wine-sector-support-program.html>

²¹⁹⁶ Governments helping boost production of Ontario maple syrup, Agriculture and Agri-Food Canada (Toronto) 5 March 2024. Access Date: 3 May 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/03/governments-helping-boost-production-of-ontario-maple-syrup.html>

²¹⁹⁷ Parliamentary Secretary Kevin Lamoureux announces \$11.2M investment to drive innovation in Canadian wheat sector, Agriculture and Agri-Food Canada (Winnipeg) 6 March 2024. Access Date: 21 April 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/03/parliamentary-secretary-kevin-lamoureux-announces-112m-investment-to-drive-innovation-in-canadian-wheat-sector.html>

²¹⁹⁸ Minister MacAulay announces over \$97 million to help Canadian farmers adopt clean technologies, Agriculture and Agri-Food Canada (Debert) 7 March 2024. Access Date: 21 April 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/03/minister-macaulay-announces-over-97-million-to-help-canadian-farmers-adopt-clean-technologies.html>

²¹⁹⁹ Minister MacAulay announces support for Animal Health Canada’s work to prevent and prepare for animal disease outbreaks, Agriculture and Agri-Food Canada (Ottawa) 7 March 2024. Access Date: 21 April 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/03/minister-macaulay-announces-support-for-animal-health-canadas-work-to-prevent-and-prepare-for-animal-disease-outbreaks.html>

On 7 March 2024, the Government of Canada and Government of British Columbia committed CAD300,000 to fund placements for up to 50 veterinary students on livestock farms.²²⁰⁰ This program will increase the scale of livestock veterinary services, supporting livestock health and disease prevention. Funding will be provided under the Sustainable Canadian Agricultural Partnership.

On 20 March 2024, Minister MacAulay announced CAD3 million in funding for LOOP Synergies and Still Good as prize money for winning the Food Waste Reduction Challenge.²²⁰¹ CAD1.5 million will go towards LOOP Synergies to expand their network and reduce national waste production in the agriculture industry. CAD1.5 million will go towards Still Good to upscale their business model which develops technologies and business solutions for farms and food processors to use more of their by-products and thus, reduce waste. Both organizations work to support sustainable food systems by reducing waste produced in the Canadian agriculture industry.

On 22 March 2024, the Government of Canada and the Government of Manitoba committed CAD16.3 million to support sustainable agriculture research in Manitoba.²²⁰² Funding will support 101 research and innovation projects to improve agricultural production, sustainability and resiliency through technological development and adoption. This investment will be provided under the Sustainable Canadian Agricultural Partnership.

On 22 March 2024, Agriculture and Agri-Food Canada announced the Resilient Agricultural Landscape Program which provides financial support to New Brunswick agricultural producers to improve production and sustainability.²²⁰³ Funding will be provided for eligible practices including the maintenance of healthy soils and water, protecting ponds and wetlands and improving crop management.

On 25 April 2024, the Government of Canada and the Government of Manitoba announced an investment of CAD500,000 through the Sustainable Canadian Agricultural Partnership for Manitoba's Livestock Predation program to protect livestock.²²⁰⁴ The funding will support the implementation of on-site practices that reduce predation, such as purchasing of special equipment, guardian dogs and protective fencing. This initiative will support sustainable food production while addressing the safety and health of livestock.

On 9 May 2024, the Government of Canada and the Government of Saskatchewan committed CAD25 million to support 15 strategic research chairs at the University of Saskatchewan's College of Agriculture and Bioresources.²²⁰⁵ The funding will be made available through the Sustainable Canadian Agricultural Partnership and Strategic Research Program. It will assist researchers in assessing crop genetic improvement, livestock, food and bioproduct development and soil and environmental health to enhance Canada's agricultural sector's resilience.

²²⁰⁰ Help on the way to British Columbia veterinarian clinics that treat farm animals, Agriculture and Agri-Food Canada (Victoria) 7 March 2024. Access Date: 21 April 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/03/help-on-the-way-to-british-columbia-veterinarian-clinics-that-treat-farm-animals.html>

²²⁰¹ Minister MacAulay announces Food Waste Reduction Challenge winners, Agriculture and Agri-Food Canada (Ottawa) 20 March 2024. Access Date: 21 April 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/03/minister-macaulay-announces-food-waste-reduction-challenge-winners.html>

²²⁰² Supporting research and innovation in agriculture, with funding for 101 new projects, Agriculture and Agri-Food Canada (Winnipeg) 22 March 2024. Access Date: 21 April 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/03/supporting-research-and-innovation-in-agriculture-with-funding-for-101-new-projects.html>

²²⁰³ New program to benefit agricultural lands, Agriculture and Agri-Food Canada (Fredericton) 22 March 2024. Access Date: 21 April 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/03/new-program-to-benefit-agricultural-lands.html>

²²⁰⁴ Governments of Canada and Manitoba invest in Manitoba's Livestock Predation Prevention Program, Agriculture and Agri-Food Canada (Winnipeg) 25 April 2024. Access Date: 15 May 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/04/governments-of-canada-and-manitoba-invest-in-manitobas-livestock-predation-prevention-program.html>

²²⁰⁵ Governments of Canada and Saskatchewan invest \$25 million in agriculture researchers, Agriculture and Agri-Food Canada (Regina) 8 May 2024. Access Date: 15 May 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/05/governments-of-canada-and-saskatchewan-invest-25-million-in-agriculture-researchers.html>

Canada has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production. Canada has funded multiple programs to increase agriculture sustainability and ecological management in food production. National measures included funding soil health and education, on-site development of sustainable agricultural programs and research into reducing emissions and waste production. Canada has also implemented sufficient frameworks and initiatives to improve food safety including increased vaccine supply and biocontainment measures to reduce disease outbreaks in livestock, research to improve water quality and improving crop resiliency to disease and pests.

Thus, Canada receives a score of +1.

Analyst: Taylor Stetka

France: +1

France has fully complied with its commitment to supporting the adoption of the One Health approach to address food safety and sustainable food production.

On 7 July 2023, the Ministry of Agriculture and Food Sovereignty renewed its national campaign “Plants in Danger.”²²⁰⁶ The campaign aims to raise awareness of invasive biological threats to France’s agricultural production, food security, environmental protection and economic development.

On 22 September 2023, Minister of Higher Education and Research Sylvie Retailleau, Minister of Agriculture and Food Sovereignty Marc Fesneau and Secretary General for Investment Bruno Bonnell announced the Grand Défi “Agricultural Robotics.”²²⁰⁷ The program will receive EUR21 million to support the agroecological transition and move towards sustainable food production and agriculture.

On 1 October 2023, the Ministry of Agriculture and Food Sovereignty began its EUR100 million mandatory avian vaccination operation against highly pathogenic avian influenza.²²⁰⁸ The operation is mandatory on farms with more than 250 ducks and whose products are intended for marketing. This approach aims to protect animal and human health amid epizootic disease outbreaks.

On 7 October 2023, Minister of the Economy, Finance and Industrial and Digital Sovereignty Bruno Le Maire and Minister of Agriculture and Food Sovereignty Marc Fesneau announced measures to support French farmers in reconnecting with sovereignty and supporting the ecological transition of the sector.²²⁰⁹ The measures are split into four axes which highlight objectives related to livestock farming and breeding. Axis two includes state action to ensure 60 per cent of meat products are derived “from sustainable farming or under an official sign of quality and origin.” Axis four focuses on ecological transition, with the government providing

²²⁰⁶ «Plantes en danger» : le ministère lance une campagne de sensibilisation pour préserver la santé des plantes, Ministère de l’Agriculture et de la Souveraineté Alimentaire (Paris) 7 July 2023. Translation provided by Google Translate. Access Date: 5 November 2023. <https://agriculture.gouv.fr/plantes-en-danger-le-ministere-lance-une-campagne-de-sensibilisation-pour-preserver-la-sante-des>

²²⁰⁷ Accélérer la transition agroécologique grâce aux agroéquipements de demain : lancement du grand défi « robotique agricole » et première pierre de l’agrotechnopole, Ministère de l’Agriculture et de la Souveraineté Alimentaire (Paris) 22 September 2023. Translation provided by Analyst. Access Date: 17 November 2023. <https://agriculture.gouv.fr/accelerer-la-transition-agroecologique-grace-aux-agroequipements-de-demain-lancement-du-grand-defi>

²²⁰⁸ Influenza aviaire hautement pathogène : démarrage de la première campagne de vaccination des canards, une première en France et dans le monde, Ministère de l’Agriculture et de la Souveraineté Alimentaire (Paris) 1 October 2023. Translation provided by Google Translate. Access Date: 5 November 2023. <https://agriculture.gouv.fr/influenza-aviaire-demarrage-de-la-premiere-campagne-de-vaccination-des-canards>

²²⁰⁹ À l’occasion du 32e Sommet de l’Élevage, Bruno Le Maire et Marc Fesneau annoncent un plan de reconquête de la souveraineté de l’élevage, Ministère de l’Agriculture et de la Souveraineté Alimentaire (Paris) 7 October 2023. Translation provided by Google Translate. Access Date: 5 November 2023. <https://agriculture.gouv.fr/loccasion-du-32e-sommet-de-lelevage-bruno-le-maire-et-marc-fesneau-annoncent-un-plan-de-reconquete>

EUR15 million to support the resilience of livestock farming in light of climate change and EUR20 million to support resilience in addressing health risks.

On 25 October 2023, the French Agency for Food, Environmental and Occupational Health and Safety and Santé publique France, along with the Norwegian Institute of Public Health, the UK Health Security Agency and the Dutch National Institute for Public Health and the Environment (RIVM), signed a memorandum of understanding at RIVM's headquarters in Bilthoven, Netherlands.²²¹⁰ The five-year agreement outlines collaboration in a number of public-health related areas, including food safety. This includes strategic development regarding antimicrobial resistance, nutrition and sustainable development.

On 25 October 2023, the French Scientific Assessment Agency for Food and Nutrition hosted the IMEKOFOODS international conference on food safety and quality.²²¹¹ The conference offers a platform for scientists in the food and related industries to review recent developments and support consumer health and wellness.

On 2 November 2023, Minister Fesneau announced EUR20 million to support the fight against animal diseases including epizootic hemorrhagic disease.²²¹² Funding will be provided as part of an action plan to prevent, manage and prepare for animal diseases.

On 4 November 2023, Minister Fesneau announced EUR6 million, funded through the European agricultural crisis reserve, to compensate farmers in light of irrigation restrictions and prolonged drought.²²¹³ Funding will be provided per hectare for produce such as apricots, apples, almonds and melons. This aims to support resilient agriculture despite challenges caused by climate change.

On 8 November 2023, Minister Fesneau announced a guarantee fund of EUR2 billion for the Agricultural Orientation and Future Pact.²²¹⁴ While the specific uses of this funding have yet to be revealed, this fund aims to encourage new farmers amidst challenges such as climate change.

On 18 November 2023, the Ministry of Agriculture and Food Sovereignty announced the 2023-2028 Écoantibio 3 plan to manage antibiotic resistance.²²¹⁵ The plan aims to maintain current levels of antibiotic use

²²¹⁰ Renewal of the International Cooperation for Health (IC4Health) consortium, ANSES (Maisons-Alfort) 27 October 2023. Access Date: 5 November 2023. <https://www.anses.fr/en/content/renewal-international-cooperation-health-ic4health-consortium>

²²¹¹ ANSES hosts the IMEKOFOODS international conference on food safety and quality | Anses - Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 25 October 2023. Translation provided by Google Translate. Access Date: 5 November 2023. <https://www.anses.fr/en/content/anses-hosts-imekofoods-international-conference-food-safety-and-quality>

²²¹² Maladie hémorragique épizootique: Marc Fesneau rencontre les éleveurs de bovins impactés par la maladie et confirme le soutien de l'État, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 2 November 2023. Translation provided by analyst. Access Date: 13 December 2023. <https://agriculture.gouv.fr/maladie-hemorragique-epizootique-marc-fesneau-rencontre-les-eleveurs-de-bovins-impactes-par-la>

²²¹³ Restriction historique de l'usage de l'eau dans les Pyrénées-Orientales : le ministère de l'Agriculture et de la Souveraineté alimentaire annonce le renforcement du soutien aux agriculteurs, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 4 November 2023. Translation provided by analyst. Access Date: 13 December 2023. <https://agriculture.gouv.fr/restriction-historique-de-lusage-de-leau-dans-les-pyrenees-orientales-le-ministere-de-lagriculture>

²²¹⁴ Pacte d'orientation et d'avenir agricoles : le ministère de l'Agriculture et de la Souveraineté alimentaire annonce la mise en œuvre d'un fonds de garantie de 2 milliards d'euros, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 8 November 2023. Translation provided by analyst. Access Date: 13 December 2023. <https://agriculture.gouv.fr/pacte-orientation-et-davenir-agricoles-mise-en-oeuvre-dun-fonds-de-garantie-de-2-milliards-deuros>

²²¹⁵ Lutte contre l'antibiorésistance : le plan Écoantibio 3 poursuivra la dynamique positive engagée et prolongera les bons résultats obtenus depuis plus de 10 ans, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 18 November 2023. Translation provided by analyst. Access Date: 13 December 2023. <https://agriculture.gouv.fr/lutte-contre-lantibioresistance-le-plan-ecoantibio-3-poursuivra-la-dynamique-positive-engagee-et>

in farm animals while reducing the use of antibiotics for dogs and cats by 15 per cent. It also includes increasing the usage of antimicrobials and antiparasitics to prevent diseases.

On 30 November 2023, the Ministry of Agriculture and Food Sovereignty, the Ministry of Health and Prevention, the Ministry of Solidarity and Families and the Ecological Transition Agency announced a call for projects that support the future National Strategy for Food, Nutrition and Climate.²²¹⁶ EUR2,840,000 in funding will be allocated towards winning projects to address issues related to sustainable and healthy food.

On 1 December 2023, Minister Fesneau announced an increase in the budget to support organic farming from EUR60 million to EUR94 million.²²¹⁷ This EUR34 million increase aims to support organic food production in France and increase the number of products that are “under the sign of quality and sustainability” from 14 per cent to 50 per cent.

On 15 December 2023, Minister Fesneau presented the Orientation Pact for the Renewal of Generations in Agriculture.²²¹⁸ The pact contains 35 measures to aid the acceleration and integration of ecological farming practices and support new agro-educational programs. The initiative will also focus on promoting French producers and incentivizing young workers to enter the profession.²²¹⁹

On 20 December 2023, Minister Fesneau debuted seven new agricultural initiatives to be enacted at the beginning of 2024.²²²⁰ In particular, EUR100 million will go towards planting protein-rich crops, EUR10 million will support organic farming communication efforts, EUR250 will be directed towards a “Plant Fund” as part of the Ecophyto 2030 strategy and EUR80 million will go towards low-carbon-emitting agricultural equipment. These allocations are part of the EUR1.3 billion that will be allocated to the Ministry of Agriculture and Food Sovereignty under the 2024 Finance Law. Of this, EUR800 million will go towards agriculture and EUR500 million towards forest planning.

On 21 December 2023, Minister Fesneau announced the five windows during which fruit and vegetable farmers will be able to apply for funding to “invest in a selection of 80 innovative equipment” that aim to strengthen food security.²²²¹ The government will provide EUR100 million for this project. This initiative incorporates a One Health framework by focusing on socio-economic and environmental factors like climate change, health

²²¹⁶ Alimentation durable : lancement d'un appel à projets pour accompagner les initiatives en lien avec la future Stratégie nationale pour l'alimentation, la nutrition et le climat, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 30 November 2023. Translation provided by analyst. Access Date: 13 December 2023. <https://agriculture.gouv.fr/alimentation-durable-lancement-dun-appel-projets-pour-accompagner-les-initiatives-en-lien-avec-la>

²²¹⁷ Agriculture Biologique : augmentation de l'enveloppe budgétaire de soutien aux exploitations en agriculture biologique ayant subi des pertes économiques importantes, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 1 December 2023. Translation provided by analyst. Access Date: 13 December 2023. <https://agriculture.gouv.fr/agriculture-biologique-augmentation-de-lenveloppe-budgetaire-de-soutien-aux-exploitations-en>

²²¹⁸ Produire et protéger : des nouvelles mesures pour l'agriculture française, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 15 December 2023. Translation provided by Google Translate. Access Date: 3 March 2024. <https://www.gouvernement.fr/actualite/produire-et-protoger-des-nouvelles-mesures-pour-lagriculture-francaise>

²²¹⁹ Dossier de presse - Pacte d'orientation pour le renouvellement des générations en agriculture, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 15 December 2023. Translation provided by Google Translate. Access Date: 3 March 2024. <https://agriculture.gouv.fr/dossier-de-presse-pacte-dorientation-pour-le-renouvellement-des-generations-en-agriculture>

²²²⁰ Planification écologique : 7 mesures concrètes pour accompagner les transitions du secteur agricole français et conforter notre souveraineté alimentaire, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 20 December 2023. Translation provided by Google Translate. Access Date: 3 March 2024. <https://agriculture.gouv.fr/planification-ecologique-7-mesures-concretes-pour-accompagner-les-transitions-du-secteur-agricole>

²²²¹ Plan de souveraineté pour la filière fruits et légumes : ouverture de cinq guichets France 2030 de soutien aux investissements des agriculteurs dans des agroéquipements innovants, d'un montant total de 100 millions d'euros, pour la compétitivité et la résilience des filières, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 21 December 2023. Translation provided by analyst. Access Date: 11 March 2024. <https://agriculture.gouv.fr/plan-de-souverainete-pour-la-filiere-fruits-et-legumes-ouverture-de-cinq-guichets-france-2030-de>

risks, clean energy, water resource management and soil preservation to enable sustainable agricultural production.²²²²

On 26 January 2024, Prime Minister Gabriel Attal announced two compensation aids available beginning 5 February 2024 to farmers affected by the Epizootic Hemorrhagic Disease (EPD).²²²³ The first scheme will fund 90 per cent of the costs of veterinary treatments for infected livestock. The second scheme is a EUR50 million emergency fund to assist industry professionals including livestock traders, commercial cattle operators and animal breeders negatively affected by EPD.

On 31 January 2024, Minister Fesneau announced an emergency fund of EUR80 million for wine farmers affected by environmental hazards.²²²⁴ An additional EUR150 million will promote the diversification of crops and yields to enable continued agricultural production. The government will also support wine farmers' transitions to different agricultural sectors.

On 1 February 2024, Prime Minister Gabriel Attal announced measures in support of food sovereignty and to protect domestic farmers.²²²⁵ Firstly, he declared the principle of agricultural and food sovereignty would be implemented in law. Secondly, he announced the annual publication of a report on food sovereignty. Thirdly, he declared that a sovereignty plan would be applied to each agricultural sector. Fourthly, he declared a EUR150 million tax and social support for 2024 to be allocated to farmers. These measures aim to support sustainable and quality products and sustainable agriculture practices for future generations.

On 28 February 2024, Minister Fesneau committed to EUR90 million to support organic farms struggling due to natural disasters or disease.²²²⁶ The initiative aims to promote the longevity and prosperity of sustainable organic farming practices.

On 29 February 2024, Minister Fesneau and Minister Delegate for Overseas Territories Marie Guévenoux signed a 5-year contract with the Chairman of the Board of Directors Joël Sorres and the Director of the Office Jacques Andrieu to advance food sovereignty and strengthen overseas agricultural production through the strengthening and expansion of the Office for the Development of the Overseas Agricultural Economy.²²²⁷

²²²² France 2030: 80 équipements innovants sont lauréats de l'appel à manifestations d'intérêt « Équipements pour la troisième révolution agricole » Volet 2 - filières fruits et légumes, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 21 December 2023. Translation provided by analyst. Access Date: 11 March 2024. <https://agriculture.gouv.fr/france-2030-80-equipements-innovants-sont-laureats-de-lappel-manifestations-dinteret-equipements>

²²²³ Maladie hémorragique épizootique: les dispositifs d'indemnisation ouverts le 5 février comme annoncé par le Premier ministre, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 5 February 2024. Translation provided by Google Translate. Access Date: 3 March 2024. <https://agriculture.gouv.fr/mhe-les-dispositifs-dindemnisation-ouverts-le-5-fevrier-comme-annonce-par-le-premier-ministre>

²²²⁴ Viticulture: le Gouvernement annonce la mise en place d'un dispositif d'aide conjoncturelle et structurelle de l'État face à la crise viticole, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 31 January 2024. Translation provided by Google Translate. Access Date: 3 March 2024. <https://agriculture.gouv.fr/viticulture-le-gouvernement-annonce-la-mise-en-place-dun-dispositif-daide-conjoncturelle-et->

²²²⁵ Produire et protéger: des nouvelles mesures pour l'agriculture française, Gouvernement de la République française (Paris) 2 February 2024. Translation provided by Google Translate. Access Date: 3 March 2024. <https://www.gouvernement.fr/actualite/produire-et-protoger-des-nouvelles-mesures-pour-lagriculture-francaise>

²²²⁶ #SIA2024: Marc Fesneau annonce la mise en œuvre d'un nouveau plan de soutien à l'agriculture biologique de 90 millions d'euros, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 28 February 2024. Translation provided by Google Translate. Access Date: 23 April 2024. <https://agriculture.gouv.fr/sia2024-marc-fesneau-annonce-la-mise-en-oeuvre-dun-nouveau-plan-de-soutien-lagriculture-biologique>

²²²⁷ #SIA2024: Le ministère de l'Agriculture et de la Souveraineté alimentaire, le ministère de l'Intérieur des Outre-mer et l'ODEADOM signent un contrat d'objectifs et de performance pour les cinq ans à venir d'ambition pour progresser en matière de souveraineté alimentaire des territoires ultramarins, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 29 February 2024. Translation provided by Google Translate. Access Date: 23 April 2024. <https://agriculture.gouv.fr/sia2024-le-ministere-de-lagriculture-et-de-la-souverainete-alimentaire-le-ministere-de-linterieur>

The contract outlines objectives for developing the overseas agricultural economy and agricultural transition towards increased food sovereignty and ecological planning to address climate change.

On 1 March 2024, Minister Fesneau, Minister of Higher Education and Research Sylvie Retailleau, Minister Delegate Pannier-Runacher and Secretary General for Investment Bruno Bonnell announced a EUR218 million investment for research on plant breeding, biocontrols and biostimulants.²²²⁸ This research aims to support of France’s agroecological transition by providing insights into non-invasive agriculture techniques that can improve yield at no harm to the crop or the soil.

On 29 March 2024, the Ministry of Agriculture and Food Sovereignty, ADEME, Terres en Villes and France Chambers of Agriculture launched a new website portal called “France PAT.”²²²⁹ The service aims to connect partners and researchers to data on local food policies and territorial food projects. The portal also answers questions related to organic and sustainable farming, biodiversity, water management and climate change.

On 12 April 2024, Minister Fesneau presented updated food safety measures ahead of the Paris 2024 Olympic Games.²²³⁰ Measures are designed to increase responsiveness to major health events like food-related illness and improve analysis on related to such events.

On 23 April 2024, Minister Fesneau and the Moroccan Minister of Agriculture Maritime Fisheries, Rural Development, Water and Forests, Mohammed Sadiki signed a roadmap on France and Morocco’s renewed partnership on agricultural projects.²²³¹ The project prioritizes building resilient, productive and sustainable agricultural systems amidst climate change through collaborative initiatives and the exchange of scientific information and solutions.

On 23 April 2024, Minister Fesneau announced a “social contribution envelope” worth EUR15 million euros through the National Health and Social Action Fund of the Mutualité Sociale Agricole to support farmers in light of climate change impacts.²²³² Of this, EUR5 million will aid farmers dealing with the effects of intense weather events, EUR4 million for farmers in the livestock sector facing epizootic hemorrhagic disease, EUR1 million for beekeepers and EUR5 million will be allocated to departments and sectors based on specific criteria.

On 6 May 2024, the government published its Ecophyto 2030 strategy, which aims to reduce the use of protected plant products and support farmers in adopting sustainable farming strategies to preserve biodiversity

²²²⁸ Recherche et innovation au service des transitions des filières végétales: l’État annonce plus de 218 millions d’euros, pour développer des solutions concrètes pour les agriculteurs, Ministère de l’Agriculture et de la Souveraineté Alimentaire (Paris) 1 March 2024. Translation provided by Google Translate. Access Date: 23 April 2024. <https://agriculture.gouv.fr/recherche-et-innovation-au-service-des-transitions-des-filieres-vegetales-letat-annonce-plus-de-218>

²²²⁹ Plateforme France PAT: un nouveau service pour les 435 territoires porteurs de politiques alimentaires, Ministère de l’Agriculture et de la Souveraineté Alimentaire (Paris) 29 March 2024. Translation provided by Google Translate. Access Date: 23 April 2024. <https://agriculture.gouv.fr/plateforme-france-pat-un-nouveau-service-pour-les-435-territoires-porteurs-de-politiques>

²²³⁰ Sécurité sanitaire des aliments : la France accentue son action à l’approche des Jeux Olympiques de Paris 2024 en s’appuyant sur la police sanitaire unique de l’alimentation confiée à la Direction générale de l’alimentation depuis le 1er janvier 2024, Ministère de l’Agriculture et de la Souveraineté Alimentaire (Paris) 12 April 2024. Translation provided by Google Translate. Access Date: 23 April 2024. <https://agriculture.gouv.fr/securite-sanitaire-des-aliments-la-france-accentue-son-action-lapproche-des-jeux-olympiques-de>

²²³¹ Pour un partenariat agricole et forestier renouvelé entre la France et le Maroc, Ministère de l’Agriculture et de la Souveraineté Alimentaire (Paris) 23 April 2024. Translation provided by Google Translate. Access Date: 23 April 2024. <https://agriculture.gouv.fr/pour-un-partenariat-agricole-et-forestier-renouvele-entre-la-france-et-le-maroc>

²²³² Le ministère de l’Agriculture et de la Souveraineté alimentaire poursuit, avec la Mutualité Sociale Agricole, son soutien aux agriculteurs en difficulté en déployant une enveloppe de prises en charge de cotisations sociales de 15 millions euros, Ministère de l’Agriculture et de la Souveraineté Alimentaire (Paris) 23 April 2024. Translation provided by Google Translate. Access Date: 15 May 2024. <https://agriculture.gouv.fr/le-ministere-en-charge-de-lagriculture-poursuit-avec-la-mutualite-sociale-agricole-son-soutien-aux>

and avoid environmental degradation.²²³³ The Ecophyto strategy takes a One Health approach to policy by ensuring high-level crop protection and while providing a detailed approach to protecting public health and increasing economic performance. The initiative aims to identify substance alternatives ahead of increased bans, enhance the implementation of sustainable farming practices, and promote innovation, research and pragmatic strategy evaluations.

France has fully complied with its commitment to supporting the adoption of the One Health approach to address food safety and sustainable food production. France has addressed food safety by implementing vaccination measures to protect farmers from threats to their crops and consumers from foodborne illnesses. France is also actively involved with collaborative international research efforts on foodborne diseases and heavily funds domestic research. France has addressed sustainable food production by educating farm sectors about the surveillance of invasive species, incentivizing the use of sustainable farming practices, aiding the creation and distribution of biofuels to the agricultural sector, and thus heavily funding the sector's ecological transition. France has also worked with other countries and its overseas territories to ensure that information about resilient and sustainable agricultural practices are available to all who seek them.

Thus, France receives a score of +1.

'Analyst: Natalie Su

Germany: +1

Germany has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production.

On 22 May 2023, the Federal Ministry of Food and Agriculture announced EUR928,500 in funding to support healthier poultry farming and sustainably reduce the need for antibiotics.²²³⁴ This project aims to mitigate the risk of infectious diseases from poultry.

On 28 June 2023, the Federal Agriculture Minister Cem Özdemir and Federal Development Minister Svenja Schulze announced that Germany joined the Coalition for Agroecology.²²³⁵ The Coalition reflects a “holistic social-ecological approach” to agriculture and food production.

On 30 June 2023, the Federal Ministry of Food and Agriculture announced up to EUR70,000 in funding to “strengthen regional food and value creation.”²²³⁶ This includes a focus on promoting sustainable food systems.

On 26 July 2023, the Ministry of Food and Agriculture announced an agreement between the federal and state governments to adjust the 2023 eco-regulations.²²³⁷ The adjustments, which are pending approval from the European Commission, aim to support sustainable agriculture by increasing the use of organic regulations through increased premiums and simplified requirements.

²²³³ Planification écologique et agriculture: le Gouvernement publie la stratégie Écophyto 2030, Ministère de l'Agriculture et de la Souveraineté Alimentaire (Paris) 6 May 2024. Translation provided by Google Translate. Access Date: 15 May 2024.

<https://agriculture.gouv.fr/planification-ecologique-et-agriculture-le-gouvernement-publie-la-strategie-ecophyto-2030>

²²³⁴ BMEL fördert Forschungsvorhaben zur Antibiotikareduktion, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 22 May 2023. Translation provided by Google Translate. Access Date: 17 November 2023.

<https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/060-forschung-antibiotikareduktion-gefluegel.html>

²²³⁵ Für nachhaltige Landwirtschaft weltweit: Deutschland tritt Koalition für Agrarökologie bei, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 28 June 2023. Translation provided by Google Translate. Access Date: 17 November 2023.

<https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/088-koalition-araroeologie.html>

²²³⁶ Regionale Lebensmittel und Wertschöpfung stärken: BMEL fördert Projektideen, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 30 June 2023. Translation provided by Google Translate. Access Date: 17 November 2023.

<https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/090-regionale-lebensmittel-wertschoepfung.html>

²²³⁷ Bund und Länder verständigen sich auf Anpassungen bei Ökoregelungen, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 26 July 2023. Translation provided by Google Translate. Access Date: 13 December 2023.

<https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/100-oekoregelungen-2024.html>

On 3 August 2023, Parliamentary State Secretary to the Federal Minister of Food and Agriculture, Claudia Müller provided EUR840,000 in funding to support a joint project between University of Rostock, the Ludwig Maximilian University of Munich, the Hanover Veterinary University Foundation and the Friedrich Loeffler Institute to improve animal health and hygiene.²²³⁸ The project aims to support the decrease of antibiotic use and healthier poultry farming.

On 31 August 2023, Parliamentary State Secretary to the Federal Minister for Food and Agriculture Ophelia Nick addressed the need for sustainable and environmentally friendly production for dairy farms during a conference for over 250 milk producers and related participants.²²³⁹ State Secretary Nick also spoke in favour of “species-appropriate grazing” which focuses on animal welfare and protecting biodiversity.

On 11 September 2023, Minister Özdemir and New Zealand’s Minister of Agriculture Damien O’Connor signed a declaration of intent to strengthen cooperation for climate-friendly agricultural production.²²⁴⁰ As part of this enhanced partnership, the governments will pursue joint research and knowledge-sharing to reduce “methane and nitrous oxide emissions.”

On 5 October 2023, Minister Özdemir and Ukrainian Minister of Agricultural Policy and Food Mykola Solskyi announced the opening of a joint laboratory for food safety and veterinary medicine and a laboratory for plant protection.²²⁴¹ A total of EUR2.7 million will be provided to help fund this initiative.

On 11 October 2023, Minister Özdemir announced EUR29 million to support outdoor fruit and hop growing businesses.²²⁴² Funding aims to support farmers that have been negatively impacted by disrupted supply chains and the reduced production of fertilizers due to the Russia-Ukraine conflict.

On 13 October 2023, the Ministry of Food and Agriculture shared that Germany did not support a failed European Commission proposal to allow glyphosate, a total herbicide, due to its negative impacts on biodiversity, soil and water.²²⁴³ This is relevant to sustainable food production as ecosystem biodiversity and the maintenance of food sources is essential to agricultural production.

On 16 November 2023, Minister Özdemir presented the “Organic Strategy 2030” which includes 30 measures to ensure that 30 per cent of food production in Germany is organic by 2030.²²⁴⁴ Minister Özdemir stated that this is an important objective as organic farming supports sustainable agricultural practices.

²²³⁸ BMEL fördert weiteres Forschungsvorhaben zur Antibiotikareduktion: Rund 840.000 Euro für eine gesündere Geflügelhaltung, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 3 August 2023. Translation provided by Google Translate. Access Date: 17 November 2023. <https://www.bmel.de/SharedDocs/Meldungen/DE/Presse/2023/230803-antibiotikareduktion.html>

²²³⁹ Nick: Milcherzeuger in der Wertschöpfungskette stärken, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 31 August 2023. Translation provided by Google Translate. Access Date: 13 December 2023. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/107-milchkonferenz.html>

²²⁴⁰ Klimafreundliche Landwirtschaft: Zusammenarbeit mit Neuseeland intensiviert, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 11 September 2023. Translation provided by Google Translate. Access Date: 13 December 2023. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/112-neuseeland.html>

²²⁴¹ Stärkung alternativer Exportrouten – Özdemir eröffnet Labor in der Ukraine, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 5 October 2023. Translation provided by Google Translate. Access Date: 13 December 2023. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/121-ukraine.html>

²²⁴² Özdemir: "Unbürokratische Hilfe für Betriebe in Not", Bundesministerium für Ernährung und Landwirtschaft (Berlin) 11 October 2023. Translation provided by Google Translate. Access Date: 13 December 2023. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/122-anpassungsbeilife.html>

²²⁴³ Deutschland stimmt erneuter Genehmigung von Glyphosat nicht zu, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 13 October 2023. Translation provided by Google Translate. Access Date: 13 December 2023. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/123-glyphosat.html>

²²⁴⁴ BMEL bringt Bio-Strategie 2030 auf den Weg, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 16 November 2023. Translation provided by Google Translate. Access Date: 13 December 2023. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/131-bio-strategie-2030.html>

On 20 November 2023, the Ministry of Food and Agriculture announced EUR18 million to fund “practical research networks” that strengthen organic farming.²²⁴⁵ These networks aim to develop resilient food production systems and further develop the organic farming industry.

On 18 January 2024, Parliamentary Secretary Müller presented an opening address at the 16th World Good Forum.²²⁴⁶ Hosted by the Federal Ministry of Food and Agriculture, the international conference focused on sustainable food production, food waste and sustainable supply chains to address world hunger.

On 14 March 2024, the Ministry of Food and Agriculture and federal states and interest groups initiated the “Future Plant Protection Program.”²²⁴⁷ In light of commitments to lower pesticide use and risk in the Green Deal, this collaborative program helps farmers reduce their reliance on plant protection products while maintaining crop yields. The project addresses the environmental harm caused by synthetic pesticides while allowing for enhanced biodiversity protection and agricultural sustainability.

On 11 April 2024, the Ministry of Food and Agriculture and the Ministry of Finance approved the “Area Management Principles 2024,” a set of new leasing principles for agricultural land in East Germany.²²⁴⁸ These principles consider sustainability including climate protection and biodiversity promotion in addition to financial goals. This action supports sustainable food production by prioritizing food producers that value sustainability.

On 24 April 2024, the Federal Cabinet approved the new Plant Protection Application Ordinance, contributing to Germany’s efforts to increase food safety and plant health by regulating glyphosate and prohibiting it in arable farming, protected aquatic areas and gardens.²²⁴⁹

On 25 April 2024, Minister Özdemir initiated the nationwide “Peat-free gardening” campaign with eleven partners focusing on educating gardeners about the positive climate impacts of reduced-peat potting soil.²²⁵⁰ This campaign supports sustainable food production by reducing greenhouse gas emissions from peat soil in at home gardening.

On 30 April 2024, Minister Özdemir announced EUR1.8 million to the toMOORow initiative to support the rewetting of moors, contributing to moorland biodiversity conservation.²²⁵¹ Rewetting is a sustainable farming technique that ensures the health of the moors while allowing for their continued cultivation to produce raw materials to replace and phase out fossil fuels.

²²⁴⁵ BMEL fördert Praxis-Forschungsnetzwerke für bessere Krisenfestigkeit des Ökolandbaus, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 20 November 2023. Translation provided by Google Translate. Access Date: 13 December 2023. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2023/133-praxis-forschungsnetzwerk-oekolandbau.html>

²²⁴⁶ Global Forum for Food and Agriculture des BMEL eröffnet, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 18 January 2024. Translation provided by Google Translate. Access Date: 26 April 2024. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2024/006-gffa-eroeffnung.html>

²²⁴⁷ Mit nachhaltigem Pflanzenschutz die Ernten der Zukunft sichern, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 14 March 2024. Translation provided by Google Translate. Access Date: 26 April 2024. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2024/018-zukunftsprogramm-pflanzenschutz.html>

²²⁴⁸ Mehr Nachhaltigkeit bei der Verpachtung von Flächen der BVVG, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 11 April 2024. Translation provided by Google Translate. Access Date: 26 April 2024. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2024/031-bvvg.html>

²²⁴⁹ Bundeskabinett billigt Beschränkungen zum Einsatz von Glyphosat, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 11 April 2024. Translation provided by Google Translate. Access Date: 26 April 2024.

²²⁵⁰ Bundesminister Özdemir gibt Startschuss für Aktionswoche "Torrfrei gärtnern", Bundesministerium für Ernährung und Landwirtschaft (Berlin) 24 April 2024. Translation provided by Google Translate. Access Date: 15 May 2024. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2024/037-glyphosat.html>

²²⁵¹ Özdemir übergibt 1,8 Millionen Euro Förderung für Wiedervernässung von Mooren, Bundesministerium für Ernährung und Landwirtschaft (Berlin) 30 April 2024. Translation provided by Google Translate. Access Date: 15 May 2024. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2024/042-moore.html>

Germany has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production. In terms of food safety, Germany has provided substantial funding to support healthier poultry farming and has funded a food safety laboratory in Ukraine. It has also joined an international coalition and developed bilateral partnerships to support sustainable food production. On the domestic level, Germany has provided national funding to develop sustainable and organic food production and develop climate-friendly dairy cow feeding. Germany has also launched programs to reduce pesticides, encourage peat-free farming and prioritize sustainable agricultural practices.

Thus, Germany receives a score of +1.

Analyst: Nell Sykes

Italy: +1

Italy has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production.

On 24 July 2023, Prime Minister Giorgia Meloni hosted the second United Nations Food Systems Summit in Rome and pledged Italy's investment in Agritech, a technological research center in Naples for aerospace and agriculture.²²⁵² The conference facilitates global cooperation around addressing food security and implementing sustainable agriculture transitions.

On 20 September 2023, speaking at the UN General Assembly Prime Minister Meloni underlined Italy's commitment to its partnership with African nations, emphasizing its goal of increasing food security and aiding in the development and transformations of sustainable agri-food systems throughout the region.²²⁵³ This partnership supports the One Health approach by increasing environmental and social health in Africa.

On 3 October 2023, Minister of Agriculture, Food Sovereignty and Forestry Francesco Lollobrigida announced EUR19 million to support agricultural business and processing facilities focused on pig production that have been impacted by the African swine flu.²²⁵⁴ This action supports agricultural stability and enhances food safety by compensating farmers for losses resulting from the African swine flu.

On 17 October 2023, Minister Lollobrigida announced EUR2.4 billion to fund 722,000 short-term loans for agricultural businesses.²²⁵⁵ This funding is being provided under the 2023-2027 Common Agricultural Policy (CAP) and aims to promote sustainable agricultural practices, environmental protection and animal welfare.

On 20 October 2023, Minister Lollobrigida attended a meeting with Tunisian Minister of Agriculture, Water Resources, and Fisheries, Abdelmonem Belaati to promote technological and infrastructure development and trade.²²⁵⁶ The meeting focused on enhancing food safety, agricultural stability and food security.

²²⁵² Il Presidente Meloni al Vertice delle Nazioni Unite sui Sistemi Alimentari, Governo Italiano Presidenza del Consiglio dei Ministri (Rome) 24 July 2023. Translation provided by Google Translate. Access Date: 27 October 2023. <https://www.governo.it/en/node/23272>

²²⁵³ Intervento del Presidente Meloni all'ONU, sottolineato l'impegno strategico dell'Italia per un partenariato con le nazioni africane, Governo Italiano Presidenza del Consiglio dei Ministri (Rome) 22 September 2023. Translation provided by Google Translate. Access Date: 27 October 2023. <https://www.governo.it/en/articolo/president-meloni-underlined-italy-s-strategic-commitment-partnership-african-nations-during>

²²⁵⁴ PSA. Lollobrigida: dal Masaf 19 milioni per sostenere aziende colpite, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 3 October 2023. Translation provided by Google Translate. Access Date: 1 December 2023. <https://www.politicheagricole.it/PSA-19-milioni-sostegno-aziende>

²²⁵⁵ Pagamenti anticipi PAC 2023-2027. 2.4 miliardi di euro per rilanciare il settore agricolo italiano, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 17 October 2023. Translation provided by Google Translate. Access Date: 30 November 2023. <https://www.politicheagricole.it/anticipi-pac-masaf-agea>

²²⁵⁶ Lollobrigida: rafforzare relazioni con Tunisia per garantire sicurezza alimentare e flussi migratori regolari, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 20 October 2023. Translation provided by Google Translate. Access Date: 2 December 2023. https://www.politicheagricole.it/tunisia_sicurezza_alimentare_flussi_migratori_regolari

On 24 October 2023, Minister Lollobrigida announced a EUR270 million emergency fund in the new budget law for “agricultural, agri-food, livestock and fishing.”²²⁵⁷ Furthermore, EUR20 million will go towards the fruit and vegetable sectors for research and innovation focused on how best to improve supply chains.

On 9 November 2023, Minister Lollobrigida announced EUR22 million to support the fishing and agri-food sector amidst environmental challenges due to climate change.²²⁵⁸ Of this, EUR10 million will support blue crab supply chains and EUR12 million will be allocated towards pear and kiwi supply chains. This funding aims to alleviate the economic uncertainty caused by climate change.

On 16 November 2023, Minister Lollobrigida stated that Italy has banned synthetic food, becoming the first nation to enact this into law.²²⁵⁹ This law aims to support food safety and healthy food relationships.

On 30 November 2023, Minister Lollobrigida announced EUR2 million to mitigate the effects of brucellosis and tuberculosis on buffalo farms.²²⁶⁰ This aims to support farmers forced to slaughter diseased animals, while improving animal health and farmer livelihoods and increasing sustainability in production.

On 29 December 2023, the Presidency of the Council of Ministers requested that the European Commission allocate EUR10.6 billion to the fifth instalment of the National Recovery and Resilience Plan’s including investments in irrigation efficiency and green energy production in the agriculture sector.²²⁶¹ This supports sustainable agriculture development.

On 29 December 2023, Minister Lollobrigida announced a EUR300 million fund to support agricultural emergencies and invest in the agricultural, agri-food, livestock, fishing and aquaculture sectors to support agricultural production.²²⁶² Funding will be equally divided between the 2024, 2025 and 2026 fiscal years.

On 19 January 2024, Minister Lollobrigida announced EUR76 million for the food, wine and agri-food sectors to enable sustainable and high-quality food production.²²⁶³ Of this, EUR56 million will go towards professional machinery and other tools necessary for effective production.

²²⁵⁷ Ortofrutta. Lollobrigida: per rilancio settore puntare su innovazione e ricercar, Ministero dell’agricoltura, della sovranità alimentare e delle foreste (Rome) 24 October 2023. Translation provided by Google Translate. Access Date: 13 December 2023. https://www.politicheagricole.it/tavolo_ortofrutta_fondo_emergenze

²²⁵⁸ Masaf, 10 milioni di euro per Granchio blu e 12 milioni a sostegno di pere e kiwi. Raggiunta intesa in Conferenza Stato-Regioni, Ministero dell’agricoltura, della sovranità alimentare e delle foreste (Rome) 9 November 2023. Translation provided by Google Translate. Access Date: 1 December 2023. https://www.politicheagricole.it/sostegno_granchio_blu_pere_kiwi

²²⁵⁹ Lollobrigida: Il divieto sul cibo sintetico è legge. Ministero dell’agricoltura, della sovranità alimentare e delle foreste (Rome) 16 November 2023. Access Date: 26 December 2023. https://www.politicheagricole.it/ddl_cibo_sintetico_via_libera_camera_legge

²²⁶⁰ Lollobrigida: decreto sostegno importante per aziende bufaline colpite da brucellosi e tubercolosi, Ministero dell’agricoltura, della sovranità alimentare e delle foreste (Rome) 30 November 2023. Translation provided by Google Translate. Access Date: 1 December 2023. <https://www.politicheagricole.it/decreto-brucellosi-tubercolosi>

²²⁶¹ PNRR: inviata oggi alla Commissione europea la richiesta di pagamento della quinta rata, Governo Italiano Presidenza del Consiglio dei Ministri (Rome) 29 December 2023. Translation provided by Google Translate. Access Date: 28 February 2024. <https://www.governo.it/it/articolo/pnrr-inviata-oggi-alla-commissione-europea-la-richiesta-di-pagamento-della-quinta-rata>

²²⁶² L. Bilancio. Lollobrigida: azioni strategiche per sostegno agricoltura, Ministero dell’agricoltura, della sovranità alimentare e delle foreste (Rome) 29 December 2023. Translation provided by Google Translate. Access Date: 11 March 2024. https://www.politicheagricole.it/legge_bilancio_lollobrigida_agricoltura

²²⁶³ Agroalimentare. Lollobrigida: 76 milioni a sostegno delle nostre eccellenze, Ministero dell’agricoltura, della sovranità alimentare e delle foreste (Rome) 19 January 2024. Translation provided by Google Translate. Access Date: 11 March 2024. https://www.politicheagricole.it/agroalimentare_76_milioni_eccellenze

On 20 January 2024, Minister Lollobrigida announced EUR14 million to support the nut supply chain.²²⁶⁴ Of this, EUR7 million will be invested in agricultural businesses to support sustainability and high-quality production.

On 20 January 2024, Minister Lollobrigida attended the working session on promoting resilient and sustainable supply chains at the Global Forum for Food and Agriculture in Berlin.²²⁶⁵ During his speech at the session, he reaffirmed Italy's commitment towards agricultural and environmental sustainability.

On 29 January 2024, Prime Minister Meloni hosted the Italy-Africa Summit with 46 African Countries, announcing their action plan for cooperation and development.²²⁶⁶ They discussed implementing irrigation upgrades in Tunisia, renewably powered water distribution systems in Congo, new local agri-food production training centres in Tunisia and Mozambique, cultivation upgrades in Egypt, environmental rehabilitation in Ethiopia and agricultural satellite monitoring in Algeria. These actions facilitate global cooperation while enhancing food security and implementing sustainable agriculture practices.

On 8 February 2024, the Ministry of Agriculture, Food Sovereignty and Forestry's Joint Control Room approved a plan for increased quality control and transparency in the agri-food sector aiming to ensure the safety and quality of food.²²⁶⁷

On 20 February 2024, Minister Lollobrigida and Minister of Labor and Social Policies Marina Calderone met with representatives from agri-food sector trade unions to discuss critical issues including legal barriers restricting worker safety.²²⁶⁸ Enhanced work safety addresses the One Health approach's human element in the agriculture sector.

On 7 March 2024, Minister Lollobrigida committed EUR10 million in funding to support projects promoting of organic agriculture projects.²²⁶⁹ This funding supports sustainable food production by enhancing and promoting organic agriculture.

On 17 April 2024, the Ministry of Agriculture, Food Sovereignty and Forests held a meeting to present the specific criteria for certification that farmers who breed cattle and pigs for fattening outside must adhere to under the National Animal Welfare Quality System.²²⁷⁰ The system outlines strict criteria that apply to the entire supply chain to guarantee the welfare of livestock by establishing a more sustainable breeding model and thus promoting environmental sustainability and protection.

²²⁶⁴ Frutta a guscio. Lollobrigida: istituito fondo da 14 mln per sostegno filiera, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 20 January 2024. Translation provided by Google Translate. Access Date: 11 March 2024. <https://www.politicheagricole.it/frutta-guscio-lollobrigida-fondo-14mln>

²²⁶⁵ GFFA. Lollobrigida: agricoltura sostenibile è risposta a crescita demografica, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 20 January 2024. Translation provided by Google Translate. Access Date: 11 March 2024. <https://www.politicheagricole.it/gffa-lollobrigida-agricoltura-sostenibile-crescita-demografica>

²²⁶⁶ Vertice Italia-Africa, l'introduzione del Presidente Meloni nella conferenza stampa finale, Governo Italiano Presidenza del Consiglio dei Ministri (Rome) 29 January 2024. Translation provided by Google Translate. Access Date: 1 March 2024. <https://www.governo.it/it/articolo/vertice-italia-africa-lintroduzione-del-presidente-meloni-nella-conferenza-stampa-finale>

²²⁶⁷ Tutela Made in Italy, Approvato piano controlli agroalimentare, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 8 February 2024. Translation provided by Google Translate. Access Date: 1 March 2024. https://www.politicheagricole.it/cabina-regia_pianocontrolli2024

²²⁶⁸ Lavoro in agricoltura, i Ministri Lollobrigida e Calderone incontrano i sindacati, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 20 February 2024. Translation provided by Google Translate. Access Date: 29 February 2024. <https://www.politicheagricole.it/lollobrigida-calderone-sindacati>

²²⁶⁹ Lollobrigida: dieci milioni per crescita settore biologico, domande al via il 15 aprile, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 7 March 2024. Translation provided by Google Translate. Access Date: 27 April 2024. https://www.politicheagricole.it/biologico_10milioni

²²⁷⁰ SQNBA – Sistema di qualità nazionale benessere animale, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 17 April 2024. Translation provided by Google Translate. Access Date: 15 May 2024. <https://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/18448>

On 19 April 2024, the Minister of Foreign Affairs Antonio Tajani and other G7 Ministers reaffirmed their commitment to address the impacts of climate change on food security.²²⁷¹ This action supports sustainable food production through initiatives such as the Vision for Adapted Crops and Soils.

On 30 April 2024, the Italian government approved a tax scheme which allows innovative projects promoting sustainable agriculture to receive tax breaks.²²⁷² This initiative aims to incentivize businesses to implement traditional practices that support environmental health while boosting economic activity.

Italy has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production. Italy has addressed food safety by financially supporting agricultural resistance strategies against African swine flu and other diseases in animal agriculture. Italy has supported sustainable food production through 2023-2027 CAP Advancement funding and by providing increased support to the fisheries and agri-food sectors, increasing resilience in light of climate change impacts.

Thus, Italy receives a score of +1.

Analyst: Nell Sykes

Japan: +1

Japan has fully complied with its commitment to supporting the adoption of the One Health approach to address food safety and sustainable food production.

On 22 May 2023, the Japan International Cooperation Agency (JICA) established the Facility for Supporting Agricultural Supply Chain and Food Security Enhancement (SAFE) with a debt facility of up to USD1 billion to provide financing for food system and agricultural sector projects.²²⁷³ The facility aims to support public and private sector investments in small farms and vulnerable communities, particularly in Africa, while contributing to Sustainable Development Goals 1, 2, 3 and 13.

On 4 June 2023, Japan shared plans to revise its agricultural policy to ensure food security.²²⁷⁴ Measures in this policy include reducing the reliance on imports for food and increasing domestic food production for key products including wheat, soybeans and feed grains.

On 13 July 2023, Prime Minister Fumio Kishida, President of the European Council Charles Michel and President of the European Commission Ursula von der Leyen released a joint statement from the 29th EU-Japan summit wherein both parties pledged that to work together to make progress on agricultural reform through the promotion of sustainable practices.²²⁷⁵ They committed to work together to ensure the enactment of the Agreement on Fisheries Subsidies and to conclude negotiations on comprehensive regulations for fisheries subsidies in order to eliminate global overfishing and destructive fishing practices, enhancing sustainable production.

²²⁷¹ Comunicato della riunione dei Ministri degli Esteri del G7 (Capri, 19 aprile, 2024) – Affrontare le sfide globali, promuovere i partenariati, Ministero degli Affari Esteri e della Cooperazione Internazionale (Rome) 19 April 2024. Translation provided by Google Translate. Access Date: 27 April 2024. https://www.esteri.it/it/sala_stampa/archivionotizie/comunicati/2024/04/g7-foreign-ministers-meeting-communique-capri-april-19-2024-addressing-global-challenges-fostering-partnerships/

²²⁷² Fisco. Lollobrigida, bene agevolazioni fiscali per agricoltura innovativa, Ministero dell'agricoltura, della sovranità alimentare e delle foreste (Rome) 30 April 2024. Translation provided by Google Translate. Access Date: 15 May 2024. https://www.politicheagricole.it/fisco_agricoltura_innovativa

²²⁷³ Establishment of the Facility for Supporting Agricultural supply chain and Food security Enhancement (SAFE) (Private Sector Investment Finance): Promoting private sector activities based on food security in developing countries, Japan International Cooperation Agency (Hiroshima) 24 May 2023. Access Date: 5 November 2023. https://www.jica.go.jp/english/information/press/2023/20230524_32.html

²²⁷⁴ Japan adopts concept of farming policy overhaul to boost food security, Japan Times (Tokyo) 4 June 2023. Access Date: 13 December 2023. <https://www.japantimes.co.jp/news/2023/06/04/national/agriculture-roadmap-food-security/>

²²⁷⁵ EU-Japan Summit - Joint statement, European Commission (Brussels) 13 July 2023. Access Date: 5 November 2023. https://ec.europa.eu/commission/presscorner/detail/en/statement_23_3846

On 20 July 2023, JICA signed a Record of Discussions with the Government of the Socialist Republic of Viet Nam for the Project for Enhancing the Capacity of Food Safety Testing, Reference Testing and Consultancy to Contribute to Sustainable Agricultural Development.²²⁷⁶ The project aims to support the food inspection institutes under the Ministry of Agriculture and Rural Development through improving the quality of human resources, food safety management and risk assessment/communication.

On 28 July 2023, JICA signed a Record of Discussion with the Association of Southeast Asian Nations (ASEAN) Secretariat for the ASEAN-JICA Food Value Chain Development Project in Jakarta.²²⁷⁷ This cooperation project will work toward implementing sustainable agriculture and food systems in Southeast Asia by strengthening food value chains.

In October 2023, the Ministry of Agriculture, Forestry and Fisheries launched its three-year plan in collaboration with the Food and Agriculture Organization of the United Nations (FAO) entitled Building Global Capacity on Halting Deforestation and Conversions from Agricultural Commodities.²²⁷⁸ From October 2023 to September 2026, the project will support international governments in understanding local causes of deforestation and promote sustainable agricultural approaches as a solution. The project will focus on key areas including developing and analyzing deforestation reduction policies, developing an e-based knowledge toolkit to guide governments to adopt forest-positive decisions, and promoting knowledge sharing through global dialogues and e-learning courses.

On 30 August 2023, JICA signed an agreement with the FAO to up to JPY1.328 million in aid for Afghanistan.²²⁷⁹ The funding will support the Project for Enhancing Agriculture Production through Community-led Irrigation, which aims to restore irrigation infrastructure and provide sustainable practice training, with an overall goal to increase sustainable food production.

On 4 October 2023, Minister for Agriculture, Forestry, and Fisheries Ichiro Miyashita co-chaired the ASEAN-Japan Ministers of Agriculture and Forestry Meeting in Malaysia.²²⁸⁰ This inaugural meeting resulted in the adoption of the ASEAN-Japan MIDORI Cooperation Plan which aims to use Japanese technology to enhance sustainable food production and agricultural practices in the ASEAN countries.

On 16 November 2023, Parliamentary Vice-Minister for Agriculture, Forestry, and Fisheries Shouji Maitachi commenced a two-day visit to Vietnam, in which he delivered a speech on Japanese and Vietnamese cooperation and Japan's strategy for sustainable food systems at the Hokkaido Festival in Ha Long.²²⁸¹ He also attended a meeting with Vietnamese Minister of Agriculture and Rural Development Le Minh Hoan to further

²²⁷⁶ Signing of Record of Discussions on Technical Cooperation Project with Viet Nam: Contributing to the capacity development of food safety inspection, Japan International Cooperation Agency (Hiroshima) 20 July 2023. Access Date: 5 November 2023. https://www.jica.go.jp/english/information/press/2023/20230720_30.html

²²⁷⁷ Signing of the Record of Discussions on ASEAN – JICA Food Value Chain Development Project, Japan International Cooperation Agency (Hiroshima) 28 July 2023. Access Date: 5 November 2023. https://www.jica.go.jp/english/overseas/indonesia/information/press/2023/1516073_16804.html

²²⁷⁸ FAO and Japan launch project to halt global deforestation through sustainable agriculture, Food and Agriculture Organization of the United Nations (Italy) October 2023. Access Date: 5 November 2023. <https://www.fao.org/asiapacific/news/detail-events/en/c/1652506/>

²²⁷⁹ Signing of Grant Agreement for Afghanistan: Contributing to improved agricultural production through irrigation methods practiced by the late Dr. Tetsu Nakamura, in cooperation with the FAO, Peshawar-kai, and the PMS, Japan International Cooperation Agency (Hiroshima) 30 August 2023. Access Date: 16 November 2023. https://www.jica.go.jp/english/information/press/2023/20230830_31.html

²²⁸⁰ The First ASEAN-Japan Ministers of Agriculture and Forestry Meeting (AJMAF) (October 4, 2023, Malaysia), Ministry of Agriculture, Forestry and Fisheries (Tokyo) 4 October 2023. Access Date: 13 December 2023. https://www.maff.go.jp/e/policies/inter_relate/ajmcp/first_ajmaf.html

²²⁸¹ Parliamentary Vice-Minister for Agriculture, Forestry, and Fisheries, MAITACHI made an official visit to Vietnam (Nov.16th – Nov. 18th, 2023), Ministry of Agriculture, Forestry and Fisheries (Tokyo) 16 November 2023. Access Date: 13 December 2023. https://www.maff.go.jp/e/policies/inter_relate/ajmcp/nov_16.html

discuss the ASEAN-Japan MIDORI Cooperation Plan and plans to expand the Japanese exports of agricultural, forestry and fishery products.

On 11 December 2023, JICA signed an agreement with the Kyrgyz Republic for JPY1.087 million in aid to support the Project for the Improvement of Equipment for Irrigation Channel Operation and Maintenance.²²⁸² The project aims to improve agricultural productivity by upgrading and maintaining water irrigation infrastructure in farming communities across Kyrgyzstan.

On 20 January 2024, the Vice Minister for International Affairs of Ministry of Agriculture, Forestry and Fisheries of Japan Ryosuke Ogawa attended the 16th Berlin Agriculture Ministers' Conference and presented Japan's mission to enhance progress in sustainable global agricultural production.²²⁸³ Conference participants adopted the Global Forum for Food and Agriculture 2024 Final Communiqué which outlines commitments towards a One Health approach for sustainable agriculture and production.

On 20 February 2024, JICA signed loan agreements with India to provide Official Development Assistance for nine projects.²²⁸⁴ Among these is a project for Sustainable Horticulture in Haryana which will support crop diversification and infrastructure development in Haryana state. JICA will provide JPY16.215 million to fund the project.

On 28 March 2024, JICA signed a grant agreement with Bangladesh to provide JPY2.294 million in aid to improve the country's fishing industry.²²⁸⁵ Aid will support the restoration of wharfs and docks as well as the sanitization of the working conditions to improve worker and food safety. This project aims to lower the fish discard rate by increasing catch quality to prevent overfishing and protect aquatic life.

On 18 April 2024, JICA announced the selection of research projects funded as part of its Science and Technology Research Partnership for Sustainable Development program.²²⁸⁶ The 12 projects span five research categories, two of which are "Environment and Energy" and "Bioresources." Specific projects focus on regenerative farming practices, sustainable rice farming and disease prevention among livestock.

On 24 April 2024, JICA signed an official development assistance loan agreement worth JPY15 billion with the Federal Government of Nigeria to respond efficiently to the food security crisis.²²⁸⁷ The funding will support food safety efforts and sustainable economic development by enhancing agricultural infrastructure, increasing access to inputs for small farmers, strengthening the domestic production system of agricultural inputs and promoting nutritional security. The funding will be partly provided by the African Development Bank, which will contribute USD134 million.

²²⁸² Signing of Grant Agreement with the Kyrgyz Republic: Contributing to the efficient use of water resources through support for the maintenance and management of irrigation canals, Japan International Cooperation Agency (Hiroshima) 18 December 2023. Access Date: 23 April 2024. https://www.jica.go.jp/english/information/press/2023/20231211_30.html

²²⁸³ The 16th Berlin Agriculture Ministers' Conference, Ministry of Agriculture, Forestry and Fisheries (Tokyo) 20 January 2024. Access Date: 23 April 2024. https://www.maff.go.jp/e/policies/inter_relate/jan_20.html

²²⁸⁴ Signing of Japanese ODA Loan Agreements with India: Contributing to the deepening of bilateral relations and mutual development between Japan and India by supporting India's achievement of the SDGs, Japan International Cooperation Agency (Hiroshima) 20 February 2024. Access Date: 23 April 2024. https://www.jica.go.jp/english/information/press/2023/20240220_31.html

²²⁸⁵ Signing of Grant Agreement with Bangladesh: Contributing to improved livelihoods of host communities through the development of a fish landing center, Japan International Cooperation Agency (Hiroshima) 4 April 2024. Access Date: 23 April 2024. https://www.jica.go.jp/english/information/press/2023/20240329_31.html

²²⁸⁶ Science and Technology Research Partnership for Sustainable Development program - SATREPS, Japan International Cooperation Agency (Hiroshima) 18 April 2024. Access Date: 23 April 2024. https://www.jica.go.jp/english/information/press/2024/20240418_41.html

²²⁸⁷ Signing of Japanese ODA Loan Agreement with Nigeria: Contributing to food security by supporting the implementation of institutional reforms in the agricultural sector, Japan International Cooperation Agency (Hiroshima) 25 April 2024. Access Date: 15 May 2024. https://www.jica.go.jp/english/information/press/2024/20240425_21.html

On 1 May 2024, JICA signed a loan agreement worth USD100 million with Brazil's Banco Cooperativo Scredi S.A to support sustainable economic development in the Brazilian agricultural sector, addressing several United Nations' Sustainable Development Goals including no poverty, zero hunger, decent work and economic growth and industry, innovation and infrastructure and partnership for the Goals.²²⁸⁸ The funding will be partly provided by the Development Bank of Latin America and the Caribbean, which will contribute USD50 million.

Japan has fully complied with its commitment to supporting the adoption of the One Health approach to address food safety and sustainable food production. Japan has fully addressed food safety by advocating for international food safety campaigns and engaging in partnerships for food safety. It has eagerly funded research into preventative solutions for food safety. Japan has also addressed food sustainability by heavily advocating for adaptive agricultural policies and mitigation-based agricultural technologies and providing international funding for sustainable agricultural practices. Furthermore, Japan's choice to proactively discuss sustainable policy measures with partner nations emphasizes that collaborative and simultaneous action is integral for strong positive outcomes.

Thus, Japan receives a score of +1.

Analyst: Natalie Su

United Kingdom: +1

The United Kingdom has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production.

On 24 May 2023, the Minister of Development and Africa Andrew Mitchell pledged GBP96 million to support agricultural recovery and production in drought-affected nations in the Horn of Africa.²²⁸⁹ This funding will provide water for agriculture, cooking, cleaning and sanitation services.

On 31 May 2023, the Department for Environment, Food and Rural Affairs distributed GBP30 million through the Farming Innovation Program to fund farming technological research that aims to increase food production, decrease emissions and create a more sustainable agricultural sector.²²⁹⁰

On 8 June 2023, the Department for Environment, Food and Rural Affairs announced GBP31 million in funding for agricultural producers to implement new technologies and equipment that reduce emissions and waste, minimize contamination and prevent the spread of pests and diseases.²²⁹¹

On 3 July 2023, the Minister of State for Food, Farming and Fisheries of the United Kingdom announced GBP5 million in funding to accelerate research and development in the agriculture sector.²²⁹² This fund is

²²⁸⁸ Signing of a Loan Agreement for the Agriculture Sector Support Project in Brazil (Private Sector Investment Finance): Contributing to improved access to finance for the agriculture sector and MSMEs, Japan International Cooperation Agency (Hiroshima) 8 May 2024. Access Date: 15 May 2024.

https://www.jica.go.jp/english/information/press/2024/1536993_52276.html

²²⁸⁹ UK pledges support for over a million people in East Africa, Foreign, Commonwealth & Development Office (London) 24 May 2023. Access Date: 4 November 2023. <https://www.gov.uk/government/news/uk-pledges-support-for-over-a-million-people-in-east-africa>

²²⁹⁰ Cutting-edge farming projects to get share of £30 million, Department for Environment, Food & Rural Affairs (London) 31 May 2023. Access Date: 2 November 2023. <https://www.gov.uk/government/news/cutting-edge-farming-projects-to-get-share-of-30-million>

²²⁹¹ Over £30m for new equipment to boost sustainable food production, Department for Environment, Food & Rural Affairs (London) 8 June 2023. Access Date: 2 November 2023. <https://www.gov.uk/government/news/over-30m-for-new-equipment-to-boost-sustainable-food-production>

²²⁹² £5 million competition set to scale up agricultural innovation, Department for Environment, Food & Rural Affairs (London) 3 July 2023. Access Date: 2 November 2023. <https://www.gov.uk/government/news/5-million-competition-set-to-scale-up-agricultural-innovation>

distributed through the Investor Partnership Competition, providing grants for proposed projects to support productivity, environmental sustainability, agricultural resilience and emissions reduction.

On 11 July 2023, the UK Government announced new regulations to improve stability and accountability in supply contracts in the dairy sector. New regulations give farmers more leverage in fair pricing, as well as outlines in farmers' contracts ways to raise concerns.²²⁹³ These regulations will help establish fair supply chains in the dairy industry and support production stability.

On 17 July 2023, the UK Government announced GBP20.8 million in funding through the Infrastructure Scheme for fishing projects across Scotland to improve capability, infrastructure and aquaculture facilities.²²⁹⁴ GBP2.1 million of this fund will be allocated towards research to improve fishery management.

On 26 July 2023, the Department for Environment, Food and Rural Affairs committed GBP10 million through the Animal Health and Welfare Infrastructure Grant to aid cattle farmers in establishing modern cattle buildings with improved conditions for livestock.²²⁹⁵ This aims to create healthier and more resilient livestock and improve thermal insulation to reduce energy use.

On 1 August 2023, Foreign Secretary James Cleverly pledged GBP4 million to support Nigeria's agriculture sector.²²⁹⁶ This funding will be used to implement sustainable farming practices, reduce carbon emissions in farming and increase climate change resiliency in the agriculture sector.

On 3 August 2023, Foreign Secretary Cleverly announced the GBP55 million Propcom+ program and GDP2.85 million grant in Nigeria.²²⁹⁷ The program and grant will support 4 million Nigerians to adopt and scale sustainable agricultural production, increase climate resilience, reduce emissions and protect ecosystems. Funding will also be used to improve the health of animals and introduce cleaner food preparation practices.²²⁹⁸

On 14 August 2023, the UK Government announced a new trial commercial fishery for Atlantic bluefin tuna.²²⁹⁹ Vessels in this fishery will only be permitted to use low-impact fishing gear with minimal environmental impact. This trial fishery will serve as an evaluation tool for the application of sustainable practices in small-scale commercial fisheries. The Catch and Release Tagging program will also be implemented for recreational fishing, contributing to research into protecting and managing Atlantic bluefin tuna populations.

²²⁹³ New regulations to promote fairness and transparency for dairy sector, Department for Environment, Food & Rural Affairs (London) 11 July 2023. Access Date: 1 November 2023. <https://deframedia.blog.gov.uk/2023/07/12/new-regulations-set-to-promote-fairness-and-transparency-across-the-dairy-sector/>

²²⁹⁴ £20.8 million funding boost for the Scottish fishing industry, Office of the Secretary of State for Scotland (Edinburgh) 17 July 2023. Access Date: 1 November 2023. <https://www.gov.uk/government/news/208-million-funding-boost-for-the-scottish-fishing-industry>

²²⁹⁵ Further funding for livestock farmers to improve animal health and welfare, Department for Environment, Food & Rural Affairs (London) 26 July 2023. Access Date: 1 November 2023. <https://www.gov.uk/government/news/further-funding-for-livestock-farmers-to-improve-animal-health-and-welfare>

²²⁹⁶ UK supports food security in Nigeria, Foreign, Commonwealth & Development Office (London) 1 August 2023. Access Date: 4 November 2023. <https://www.gov.uk/government/news/uk-supports-food-security-in-nigeria>

²²⁹⁷ UK government launches climate programme in Nigeria to reach 4 million people, Foreign, Commonwealth & Development Office (London) 3 August 2023. Access Date: 4 November 2023. <https://www.gov.uk/government/news/uk-government-launches-climate-programme-in-nigeria-to-reach-4-million-people>

²²⁹⁸ UK supports food security in Nigeria, Foreign, Commonwealth & Development Office (London) 1 August 2023. Access Date: 4 November 2023. <https://www.gov.uk/government/news/uk-supports-food-security-in-nigeria>

²²⁹⁹ Government opens more opportunities for sustainable Atlantic bluefin tuna fisheries outside the EU, Department for Environment, Food & Rural Affairs (London) 14 August 2023. Access Date: 1 November 2023. <https://www.gov.uk/government/news/government-opens-more-opportunities-for-sustainable-atlantic-bluefin-tuna-fisheries-outside-the-eu>

On 28 September 2023, the Department for Environment, Food and Rural Affairs committed GBP12.5 million to technology development and implementation to improve sustainability and optimization in agriculture.²³⁰⁰ The funding is provided through the Farming Futures Automation and Robotics competition and will be used to implement robotics to reduce waste and emissions, more accurately track and predict crop yields and increase safety in field operations.

On 16 October 2023, the UK Government partnered with the Access to Nutrition Initiative, providing GBP2 million in funding to carry out assessments of food and drink companies.²³⁰¹ These assessments will analyze the sustainability of production and how they meet the needs of communities at risk of malnutrition.

On 17 October 2023, the Department for Environment, Food and Rural Affairs awarded GBP3.9 million to fisheries through the UK Seafood Fund.²³⁰² Funds will be used to improve the quality of training, invest in modern sea fishing infrastructure and support research creating a more sustainable fishing industry.

On 26 October 2023, the Department for Environment, Food and Rural Affairs committed to working with agricultural producers to introduce methane-suppressing feed products, as well as programs for widespread adaptation of these feeds by 2025.²³⁰³ This action supports the government's objective "to achieving net-zero greenhouse gas emissions ... by 2050" while continuing to support sustainable food production.

On 21 November 2023, the Department for Environment, Food and Rural Affairs committed GBP74 million to support farmers in improving slurry infrastructure.²³⁰⁴ This fund aims to decrease water pollution, improve air quality in agriculture production and reduce contamination, enhancing sustainable production and food safety. Improved infrastructure will lower input costs for farmers and increase productivity.

On 30 November 2023, Secretary of State for Environment, Food and Rural Affairs Steve Barclay announced approximately GBP45 million to fund grants aimed at innovation, farming productivity, improving animal welfare and increasing food production.²³⁰⁵ Of this, GBP30 million will be allocated towards robotic and automatic farming equipment, while GBP8 million will go towards research and development for sustainable food production.

On 10 December 2023, the International Development and Africa Minister Andrew Mitchell announced GBP10 million in funding for a partnership between the UK and World Bank while at the 28th Conference to the Parties of the United Nations Framework Convention on Climate Change in Dubai.²³⁰⁶ The Just Rural

²³⁰⁰ £12.5m for robotics and automation to boost sustainable farming, Department for Environment, Food & Rural Affairs (London) 28 September 2023. Access Date: 31 October 2023. <https://www.gov.uk/government/news/125m-for-robotics-and-automation-to-boost-sustainable-farming>

²³⁰¹ UK government urges big business to tackle global hunger, Foreign, Commonwealth & Development Office (London) 16 October 2023. Access Date: 4 November 2023. <https://www.gov.uk/government/news/uk-government-urges-big-business-to-tackle-global-hunger>

²³⁰² Seven UK projects net additional funding through UK Seafood Fund, Department for Environment, Food & Rural Affairs (London) 17 October 2023. Access Date: 31 October 2023. <https://www.gov.uk/government/news/seven-uk-projects-net-additional-funding-through-uk-seafood-fund>

²³⁰³ Further action to cut methane emissions from livestock, Department for Environment, Food & Rural Affairs (London) 26 October 2023. Access Date: 31 October 2023. <https://www.gov.uk/government/news/further-action-to-cut-methane-emissions-from-livestock>

²³⁰⁴ £74m investment to reduce water and air pollution from slurry, Department for Environment, Food & Rural Affairs (London) 21 November 2023. Access Date: 30 November 2023. <https://www.gov.uk/government/news/74m-investment-to-reduce-water-and-air-pollution-from-slurry>

²³⁰⁵ Environment Secretary announces further £45 million for farming innovation as he sets out commitment to champion British agriculture, Department for Environment, Food & Rural Affairs (London) 21 November 2023. Access Date: 30 November 2023. <https://www.gov.uk/government/news/environment-secretary-announces-further-45-million-for-farming-innovation-as-he-sets-out-commitment-to-champion-british-agriculture>

²³⁰⁶ UK backs work to protect global water and food supplies at COP28, Foreign, Commonwealth & Development Office (London) 9 December 2023. Access Date: 28 February 2024. <https://www.gov.uk/government/news/uk-backs-work-to-protect-global-water-and-food-supplies-at-cop28>

Transition Support Programme will focus on countries vulnerable to climate change to support farmers in developing climate-resilient and sustainable agricultural practices.

On 13 December 2023, the Department for Environment, Food and Rural Affairs announced GBP4 million to support the red meat and poultry industry.²³⁰⁷ Funding will be distributed to support small abattoirs to improve livestock health and welfare and food safety. Projects include improvements to livestock facilities to recover from transportation and increased cold storage units to increase production and food safety.

On 14 December 2023, the Department for Environment, Food and Rural Affairs announced GBP4 million as part of the UK Seafood Fund to improve health and safety measures and sustainability within the fisheries and seafood sectors.²³⁰⁸ The Fisheries Management Plans were also announced to ensure sustainable population levels of marine life which introduces fishing, netting and engine size restrictions alongside “seasonal or area closures to protect juvenile and spawning stocks.”

On 4 January 2024, the Government of the United Kingdom announced updates to the United Kingdom’s farming schemes including additional incentives to improve environmental sustainability in agriculture.²³⁰⁹ Updates include a 10 per cent increase in the average value of agreements between the government and farms under the Sustainable Farming Incentive and increased payments for agricultural activities that have large-scale environmental impact. These updates aim to increase environmental protection and sustainability in agriculture.

On 15 January 2024, the Environment Agency announced GBP730,000 to protect local fishing and improve sustainability through the Fisheries Improvement Programme.²³¹⁰ Funding will support projects protecting and improving fish habitats and populations, as well as provide new facilities for fishers. These programs will improve the sustainability of small-scale fishing.

On 31 January 2024, the UK Government introduced increased border controls on livestock, plants, and plant products to improve biosecurity.²³¹¹ Products which present a “medium risk to biodiversity and health will now require export health certificates and phytosanitary certificates” before entering the UK. Improved biosecurity measures also include digitizing health certificates to make importing safe products easier. These measures aim to increase the safety of food products coming into the UK.

On 20 February 2024, Prime Minister Rishi Sunak announced GBP220 million for agricultural innovation and productivity.²³¹² This initiative aims to support farmers in accessing new technologies, protecting land used for food production, and accessing “cost-saving energy measures.”

On 4 March 2024, the Department for Environment, Food and Rural Affairs introduced additional regulations for the production and distribution of veterinary medicines and medicated feed to combat antimicrobial

²³⁰⁷ Applications open for new £4 million fund to support smaller abattoirs, Department for Environment, Food & Rural Affairs (London) 13 December 2023. Access Date: 28 February 2024. <https://www.gov.uk/government/news/applications-open-for-new-4-million-fund-to-support-smaller-abattoirs>

²³⁰⁸ Post Brexit freedoms to deliver more support for UK sustainable fishing, Department for Environment, Food & Rural Affairs (London) 14 December 2023. Access Date: 28 February 2024. <https://www.gov.uk/government/news/post-brex-it-freedoms-to-deliver-more-support-for-uk-sustainable-fishing>

²³⁰⁹ Biggest upgrade to UK farming schemes introduced by the Government since leaving the EU, Department for Environment, Food & Rural Affairs (London) 4 January 2024. Access Date: 28 February 2024. <https://www.gov.uk/government/news/biggest-upgrade-to-uk-farming-schemes-introduced-by-the-government-since-leaving-the-eu>

²³¹⁰ New funding available for fisheries projects across England, Environment Agency (London) 15 January 2024. Access Date: 28 February 2024. <https://www.gov.uk/government/news/new-funding-available-for-fisheries-projects-across-england>

²³¹¹ Government takes major step in improving biosecurity and preventing diseases, Cabinet Office (London) 31 January 2023. Access Date: 28 February 2024. <https://www.gov.uk/government/news/government-takes-major-step-in-improving-biosecurity-and-preventing-diseases>

²³¹² PM to announce major innovation boost for farmers feeding the nation, Prime Minister’s Office, 10 Downing Street and Department for Environment, Food & Rural Affairs (London) 20 February 2024. Access Date: 11 March 2024. <https://www.gov.uk/government/news/pm-to-announce-major-innovation-boost-for-farmers-feeding-the-nation-20-february-2024>

resistance in livestock.²³¹³ These regulations include restrictions on the use of antibiotics in animal feed and additional support for veterinary medicine distribution. This follows the One Health approach by addressing animal health, human health and the environment.

On 4 March 2024, the Department for Environment, Food and Rural Affairs announced hedgerow regulations for farmland protecting over 90,000km of hedgerows between agricultural plots.²³¹⁴ Regulations include the banning of pesticides or fertilizers within hedgerows to slow soil erosion, protect wildlife habitats and absorb carbon.

On 7 March 2024, the British Embassy in Guatemala partnered with the Guatemalan Institute of Agricultural Science and Technology, the International Potato Center and the Current and Emerging Threats to Crops Innovation Lab in Honduras to organize workshops in Guatemala on disease and pest control and practices which increase productivity and sustainability in crops.²³¹⁵ These workshops included research on potato late blight prevention and building management skills with agricultural technicians and producers.

On 7 March 2024, the British High Commission in Belmopan awarded a GBP25,000 grant to the Belize Women's Seaweed Farmers Association to implement sustainable and equitable seaweed mariculture growth and market presence.²³¹⁶ This fund will refine seaweed farming practices and enhance local capacity in Belize to support sustainable aquaculture and coastal community resilience.

On 14 March 2024, the Department for Environment, Food and Rural Affairs announced additional initiatives to combat Bovine tuberculosis.²³¹⁷ These methods include additional use of vaccines and herd control in cattle as well as additional badger vaccinations to substitute badger cullings.

On 19 March 2024, the Department for Environment, Food and Rural Affairs in partnership with the Scottish and Welsh Government announced increased measures to combat avian diseases in poultry and limit outbreaks.²³¹⁸ Under new measurements, all bird keepers must register their birds to better identify all poultry in disease control zones and improve disease surveillance. Bird keepers will also receive updates on local avian disease outbreaks and biosecurity rules.

On 22 March 2024, the Marine Management Organisation announced a bylaw prohibiting the use of bottom-towed fishing gear in 13 marine protected areas.²³¹⁹ These protected areas include reef habitats and essential aquaculture populations necessary for sustainable commercial fishing.

²³¹³ Government brings in Veterinary Medicines Regulations legislation, Department for Environment, Food & Rural Affairs (London) 4 March 2024. Access Date: 22 April 2024. <https://www.gov.uk/government/news/government-brings-in-veterinary-medicines-regulations-legislation>

²³¹⁴ Hedgerow regulations to be brought into law to protect wildlife, Department for Environment, Food & Rural Affairs (London) 4 March 2024. Access Date: 22 April 2024. <https://www.gov.uk/government/news/hedgerow-regulations-to-be-brought-into-law-to-protect-wildlife>

²³¹⁵ UK supports the strengthening of innovative and technologic practices in agriculture, British Embassy Guatemala City (for Honduras) (Guatemala City) 7 March 2024. Access Date: 23 April 2024. <https://www.gov.uk/government/news/uk-supports-the-strengthening-of-innovative-and-technologic-practices-in-agriculture>

²³¹⁶ UK awards grant to empower women in seaweed mariculture sector in Belize, British High Commission Belmopan (Belmopan) 7 March 2024. Access Date: 23 April 2024. <https://www.gov.uk/government/news/uk-awards-grant-to-empower-women-in-seaweed-mariculture-sector-in-belize>

²³¹⁷ Next phase of TB eradication strategy set out by Government, Department for Environment, Food & Rural Affairs (London) 14 March 2024. Access Date: 23 April 2024. <https://www.gov.uk/government/news/next-phase-of-tb-eradication-strategy-set-out-by-government>

²³¹⁸ New measures to help protect poultry industry from bird flu, Department for Environment, Food & Rural Affairs (London) 19 March 2024. Access Date: 22 April 2024. <https://www.gov.uk/government/news/new-measures-to-help-protect-poultry-industry-from-bird-flu>

²³¹⁹ Bottom towed fishing gear prohibited over reef habitats in 13 marine protected areas, Marine Management Organisation (London) 22 March 2024. Access Date: 22 April 2024. <https://www.gov.uk/government/news/bottom-towed-fishing-gear-prohibited-over-reef-habitats-in-13-marine-protected-areas>

On 26 March 2024, the British High Commission in Pretoria and the British Consulate-General in Cape Town announced financial and technical support for 15 South African sustainable agriculture projects through the Climate Finance Accelerator.²³²⁰ The programs MycoSure and Nambu reduce waste production in agriculture by utilizing byproducts to produce other goods, including animal feed.

On 12 April 2024, Minister Spencer announced GBP35 million in grant support for on-farm poultry manure combustion to reduce agriculture pollution in the River Wye.²³²¹ This technology reduces waste production and provides a source of renewable energy increasing the sustainability of poultry farming practices.

On 30 April 2024, the UK government announced changes to the importation process of food, animal and plant products to increase biosecurity.²³²² Products classified as “presenting a medium risk” will be checked for pests and diseases through visual inspections and temperature readings. In addition to the above, “High risk” products will be tested at the border instead of at the destination. These tests will address public health concerns and aim to increase food safety.

On 8 May 2024, the UK government published its second five-year national action plan outlining its strategy for combatting antimicrobial resistance.²³²³ The action plan contributes and expands on the first plan’s efforts to increase food safety by improving surveillance systems, increasing public engagement, reducing antibiotic use in food-producing animals, promoting research and innovation, and addressing health inequalities.

The United Kingdom has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production. The United Kingdom has multiple programs to increase sustainability and environmental resilience in food production including implementation of sustainable infrastructure in agriculture and fishing and additional protections for aquaculture habitats and populations. The United Kingdom has also implemented initiatives to increase food safety and sanitation measures including humanitarian funding to improve food and water sanitation in the Horn of Africa, increased funding for livestock vaccination and increased infrastructure for livestock disease management.

Thus, the United Kingdom receives a score of +1.

Analyst: Taylor Stetka

United States: +1

The United States has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production.

On 31 May 2023, the Department of Agriculture’s Animal and Plant Health Inspection Service announced USD566,626 in awards to support agreements with tribal partners through the National Animal Disease

²³²⁰ South African projects seize opportunity to tackle climate crisis and create jobs, British High Commission Pretoria (Pretoria) 26 March 2024. Access Date: 22 April 2024. <https://www.gov.uk/government/news/south-african-projects-seize-opportunity-to-tackle-climate-crisis-and-create-jobs>

²³²¹ New multi-million pound action plan launched to protect the River Wye, Department for Environment, Food & Rural Affairs (London) 12 April 2024. Access Date: 22 April 2024. <https://www.gov.uk/government/news/new-multi-million-pound-action-plan-launched-to-protect-the-river-wye>

²³²² Government makes next set of crucial changes to improve biosecurity at UK’s trade border, the Government of the United Kingdom (London) 30 April 2024. Access Date: 15 May 2024. <https://www.gov.uk/government/news/government-makes-next-set-of-crucial-changes-to-improve-biosecurity-at-uks-trade-border>

²³²³ Confronting antimicrobial resistance 2024 to 2029, the Government of the United Kingdom (London) 8 May 2024. Access Date: 15 May 2024. <https://www.gov.uk/government/publications/uk-5-year-action-plan-for-antimicrobial-resistance-2024-to-2029/confronting-antimicrobial-resistance-2024-to-2029>

Preparedness and Response Program.²³²⁴ This funding addresses the risk of high-consequence animal pests and diseases by mitigating their introduction and spread.

On 14 June 2023, the Department of Agriculture's Animal and Plant Health Inspection Service announced the allocation of USD75 million in plant protection funding for the Plant Pest and Disease Management and Disaster Prevention Program, including USD7.5 million for projects under the National Clean Plant Network.²³²⁵ This funding will support response to invasive plant pests and diseases exacerbated by climate change and protect agricultural systems against them.

On 12 July 2023, the Department of Agriculture's Animal and Plant Health Inspection Service, announced USD3.2 million in awards to create antimicrobial resistance dashboards.²³²⁶ This funding will help address the global health threat of antimicrobial resistance and securely track its emergence and spread in domesticated animals.

On 14 August 2023, the Department of Agriculture's Agricultural Research Service released a collection of free online training modules outlining key principles to help farmers, engineers and environmental consultants manage phosphorous runoff from agricultural fields.²³²⁷ Managing phosphorous runoff mitigates contamination in nearby surface water and subsequent algae blooms, increasing food safety.

On 17 August 2023, the Department of Commerce announced USD106 million in funding to recommended projects for West Coast and Alaska state and tribal salmon recovery programs under the Pacific Coastal Salmon Recovery Fund.²³²⁸ This funding supports salmon and steelhead recovery for the communities that rely on them.

On 23 August 2023, the Department of Agriculture's Agricultural Research Service published a study listing safe and efficient strategies to detect the invasive Lebbeck mealybug.²³²⁹ This aims to help Floridian farmers protect citrus crops from damages.

²³²⁴ APHIS Announces Funding for Tribal Partners Supporting Farm Bill Animal Disease Preparedness and Response Activities, United States Department of Agriculture Animal and Plant Health Inspection Services (Washington D.C.) 31 May 2023. Access Date: 29 October 2023. https://www.aphis.usda.gov/aphis/newsroom/stakeholder-info/sa_by_date/sa-2023/farm-bill-tribal-funding

²³²⁵ USDA Seeks Fiscal Year 2024 Suggestions for Plant Protection Projects, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 13 June 2023. Access Date: 28 October 2023. https://www.aphis.usda.gov/aphis/newsroom/stakeholder-info/sa_by_date/sa-2023/ppa7721-plant-protection-projects

²³²⁶ USDA Provides more than \$3.2 Million in Funding for Antimicrobial Resistance Dashboards, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 12 July 2023. Access Date: 3 November 2023. https://www.aphis.usda.gov/aphis/newsroom/stakeholder-info/sa_by_date/sa-2023/antimicrobial-resistance-dashboard-funding

²³²⁷ Training Modules Available to Help Producers Better Manage Phosphorus Losses, United States Department of Agriculture Agricultural Research Service (Washington D.C.) 14 August 2023. Access Date: 28 November 2023. <https://www.ars.usda.gov/news-events/news/research-news/2023/training-modules-available-to-help-producers-better-manage-phosphorus-losses/>

²³²⁸ Biden-Harris Administration Announces \$106 Million in Recommended Funding for West Coast and Alaska Salmon Recovery United States Department of Commerce (Washington D.C.) 17 August 2023. Access Date: 4 November 2023. <https://www.commerce.gov/news/press-releases/2023/08/biden-harris-administration-announces-106-million-recommended-funding>

²³²⁹ ARS Scientists and Research Partners Work on Developing Field Diagnostic Kit for Lebbeck Mealybug with a Safer Alternative, United States Department of Agriculture Agricultural Research Service (Washington D.C.) 23 August 2023. Access Date: 28 November 2023. <https://www.ars.usda.gov/news-events/news/research-news/2023/ars-scientists-and-research-partners-work-on-developing-field-diagnostic-kit-for-lebbeck-mealybug-with-a-safer-alternative/>

On 30 August 2023, the Secretary of Agriculture Tom Vilsack announced USD266 million in grants and loans to agricultural firms to invest in renewable energy and energy efficiency improvements.²³³⁰ This funding aims to enhance sustainable food production by supporting farmers in their transition to renewable energy and decreasing the environmental impact of their production.

On 31 August 2023, the Department of Energy's Industrial Efficiency and Decarbonization Office held the Food and Beverage Industry Workshop, bringing together stakeholders from industry, trade associations, utilities, academia, government, labs, and research institutions to discuss important barriers and opportunities in decarbonizing the food and beverage industry.²³³¹ This workshop supports collaborative efforts to enhance sustainability and mitigate environmental impacts in food production.

On 12 September 2023, the Department of Agriculture's Animal and Plant Health Inspection Service announced USD56 million in research awards to support One Health surveillance and coordination.²³³² These awards will support the development of an early warning system to limit the next zoonotic disease outbreak, protecting human and animal health.

On 16 October 2023, the Department of Agriculture announced USD52.6 million to the Fertilizer Production Expansion program, supporting domestic fertilizer manufacturing and technological innovations to increase sustainability, improve agricultural productivity, and lower farmer costs.²³³³

On 17 October 2023, the Department of Agriculture's Animal and Plant Health Inspection Service announced a new partnership between the National Bio and Agro-Defense Facility and the National Animal Health Laboratory Network, placing scientists in labs to evaluate diagnostics for animal and zoonotic diseases.²³³⁴ This project proactively addresses the concern of animal pests and diseases entering the United States and reduces their spread and impact on food supply, agricultural economy and public health.

On 23 October 2023, the Department of Agriculture's Animal and Plant Health Inspection Service announced USD500,000 to Tribes and Tribal organizations to enhance animal disease prevention and response through the National Animal Disease Preparedness and Response Program.²³³⁵ This funding addresses the risk of high-consequence animal pests and diseases by mitigating their introduction and spread.

²³³⁰ Biden-Harris Administration Invests \$266 Million to Help Rural Business Owners, Farmers and Ranchers Lower Energy Costs, Generate Income, and Expand Operations, as Part of Investing in America Agenda, United States Department of Agriculture (Washington D.C.) 30 August 2023. Access Date: 4 November 2023. <https://www.usda.gov/media/press-releases/2023/08/30/biden-harris-administration-invests-266-million-help-rural-business>

²³³¹ U.S. DOE Industrial Efficiency and Decarbonization Office Stakeholders' Workshop: Decarbonization Challenges and Priorities across the U.S. Food and Beverage Industry, United States Department of Energy Office of Energy Efficiency and Renewable Energy (Washington D.C.) 31 August 2023. Access Date: 2 November 2023. <https://www.energy.gov/eere/iedo/events/us-doe-industrial-efficiency-and-decarbonization-office-stakeholders-workshop>

²³³² USDA Announces Awards to Support One Health Initiatives, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 12 September 2023. Access Date: 31 October 2023. https://www.aphis.usda.gov/aphis/newsroom/stakeholder-info/sa_by_date/sa-2023/one-health-initiatives-awards

²³³³ USDA Highlights Progress in Partnering with Farmers to Increase Innovative Domestic Fertilizer Production, Expand Double Cropping through Investing in America Agenda, United States Department of Agriculture (Washington D.C.) 16 October 2023. Access Date: 31 October 2023. <https://www.usda.gov/media/press-releases/2023/10/16/usda-highlights-progress-partnering-farmers-increase-innovative>

²³³⁴ APHIS Announces Partnership to Improve Early Detection of Emerging Animal Diseases, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 17 October 2023. Access Date: 5 November 2023. https://www.aphis.usda.gov/aphis/newsroom/news/sa_by_date/sa-2023/nbaf-nahln-partnership

²³³⁵ APHIS Announces Funding Opportunity for Tribes and Tribal Organizations to Support Animal Disease Preparedness and Response Activities, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 23 October 2023. Access Date: 5 November 2023. https://www.aphis.usda.gov/aphis/newsroom/stakeholder-info/sa_by_date/sa-2023/nadpp-tribal-funding

On 25 October 2023, Secretary Vilsack announced the Organic Livestock and Poultry Standards final rule, establishing new standards for organic livestock and poultry production.²³³⁶ This rule supports the development of a fair market for organic farmers, underlined with consistent animal welfare standards and consumer transparency.

On 30 October 2023, the Geological Survey's Land Processes Distributed Active Archive Center announced the availability of the Landsat-Derived Global Rainfed and Irrigated-Cropland Product at 30 meters, an extension of the Global Food Security-support Analysis Data project, which provides high resolution, global cropland data.²³³⁷ By providing important data on global water supplies and crop health, this project aims to address food and water security issues.

On 30 October 2023, the Department of Agriculture's Agricultural Marketing Service awarded USD32 million to 98 grant projects that expand local food systems and increase local product availability.²³³⁸ This funding will support local food producers and strengthen regional food markets.

On 3 November 2023, the Department of Agriculture published a Draft Programmatic Environmental Assessment for the Local Meat Grants program, outlining and analyzing the program's potential environmental impacts.²³³⁹ The Agricultural Marketing Service aims to add efficiency and specificity to future assessments. This assessment establishes guidelines for firm compliance with environmental standards in the meat industry.

On 13 November 2023, the Department of Agriculture's Agricultural Research Service reclassified six African swine fever (ASF) genotypes, correcting previous research classifying 25 viral strains.²³⁴⁰ These advancements support global efforts to mitigate ASF spread, increase detection accuracy and protect animal health.

On 13 November 2023, the Department of Agriculture's National Institute of Food and Agriculture announced that it will be funding a joint initiative with the National Science Foundation and scientists from the United Kingdom and Germany to future proof plants amidst climate change.²³⁴¹ Winning applicants from each country will receive a minimum of USD300,000, GBP300,000 and EUR300,000 respectively up to a maximum of USD800,000, GBP800,000 and EUR800,000 respectively to develop sustainable agricultural practices, increasing overall resilience.

²³³⁶ USDA Publishes New Standards for Organic Livestock and Poultry Production, Promotes More Competitive Organic Market, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 25 October 2023. Access Date: 5 November 2023. <https://www.ams.usda.gov/press-release/usda-publishes-new-standards-organic-livestock-and-poultry-production-promotes-more>

²³³⁷ Release of LGRIP30 Data Product, United States Geological Survey Western Geographic Science Centre (Washington D.C.) 30 October 2023. Access Date: 4 November 2023. <https://www.usgs.gov/centers/western-geographic-science-center/news/release-lgrip30-data-product>

²³³⁸ USDA Announces More Than \$32 Million in Grant Awards to Strengthen Local and Regional Food Systems, United States Department of Agriculture Agricultural Marketing Service (Washington D.C.) 30 October 2023. Access Date: 3 November 2023. <https://www.ams.usda.gov/press-release/usda-announces-more-32-million-grant-awards-strengthen-local-and-regional-food>

²³³⁹ USDA Publishes Draft Programmatic Environmental Assessment for the Local Meat Capacity Grants Program, United States Department of Agriculture Agricultural Marketing Service (Washington D.C.) 3 November 2023. Access Date: 5 November 2023. <https://www.ams.usda.gov/content/usda-publishes-draft-programmatic-environmental-assessment-local-meat-capacity-grants>

²³⁴⁰ USDA Researchers Confirm Six Unique Strains of African Swine Fever Virus, United States Department of Agriculture Agricultural Research Service (Washington D.C.) 13 November 2023. Access Date: 29 November 2023. <https://www.ars.usda.gov/news-events/news/research-news/2023/usda-researchers-confirm-six-unique-strains-of-african-swine-fever-virus/>

²³⁴¹ NIFA Joins NSF and International Research Organizations in Future Proofing Plants to a Changing Climate, United States Department of Agriculture National Institute of Food and Agriculture (Washington D.C.) 13 November 2023. Access Date: 13 December 2023. <https://www.nifa.usda.gov/about-nifa/blogs/nifa-joins-nsf-international-research-organizations-future-proofing-plants>

On 15 November 2023, the Department of Agriculture's Agricultural Research Service released an updated Plant Hardiness Zone Map which provides location-based plant survival information.²³⁴² Updated information includes tips for plant growth based on regional temperatures.

On 15 November, the Department of Agriculture announced USD27.9 million to support new and small-scale farmers and ranchers with professional development.²³⁴³ This initiative aims to equip farmers with the necessary tools and information to engage in sustainable agricultural production.

On 17 November 2023, the Department of Agriculture released the National Strategic Germplasm and Cultivar Collection Assessment and Utilization Plan, in line with the Agricultural Research Services' National Plant Germplasm System's (NPGS) mission.²³⁴⁴ The NPGS preserves unique germplasm collections used by breeders and researchers to maintain sustainable food production and national food supply, while increasing food safety.

On 22 November 2023, the Department of Agriculture's Natural Resources Conservation Service increased the Conservation Stewardship Program minimum annual payment from USD1,500 to USD4,000, per participant.²³⁴⁵ This aims to compensate small-scale farmers for incorporating conservation strategies such as multi species crop cover and pollinator support into their practices.

On 29 November 2023, the Department of Agriculture's National Institute of Food and Agriculture invested USD9.4 million to support food safety training and technical assistance for small agricultural firms enhance food safety initiatives.²³⁴⁶

On 30 November 2023, the Department of Agriculture's Natural Resources Conservation Service opened applications for the Organic Transition Initiative in Montana, an initiative providing financial and technical assistance to support organic production through conservation, aiming to diversify food systems and enhance sustainable agricultural practices.²³⁴⁷

On 17 January 2024, the Department of Agriculture's Agricultural Marketing Service allocated USD9.75 million, through the Organic Market Development Grant, to 10 projects expanding and initiating organic markets.²³⁴⁸ Cumulatively, these projects service 20,000 producers and 20,000 buyers in these markets and maintain sustainable organic agriculture.

²³⁴² USDA Unveils Updated Plant Hardiness Zone Map, United States Department of Agriculture Agricultural Research Service (Washington D.C.) 15 November 2023. Access Date: 29 November 2023. <https://www.ars.usda.gov/news-events/news/research-news/2023/usda-unveils-updated-plant-hardiness-zone-map/>

²³⁴³ USDA Invests Nearly \$28M to Support Beginning Farmers and Ranchers, U.S. Department of Agriculture (Washington) 15 November 2023. Access Date: 26 December 2023. <https://www.usda.gov/media/press-releases/2023/11/15/usda-invests-nearly-28m-support-beginning-farmers-and-ranchers>

²³⁴⁴ USDA Introduces a Multi-Year Plan to Strengthen U.S. Genebank Management of Plant Germplasm, United States Department of Agriculture Agricultural Research Service (Washington D.C.) 17 November 2023. Access Date: 29 November 2023. <https://www.ars.usda.gov/news-events/news/research-news/2023/usda-introduces-a-multi-year-plan-to-strengthen-us-genebank-management-of-plant-germplasm/>

²³⁴⁵ USDA Increases Minimum Annual Payment for Conservation Stewardship Program, United States Department of Agriculture Natural Resources Conservation Service (Salina) 17 November 2023. Access Date: 30 November 2023. <https://www.nrcs.usda.gov/news/usda-increases-minimum-annual-payment-for-conservation-stewardship-program-4>

²³⁴⁶ NIFA Invests \$9.6M in Food Safety Outreach, United States Department of Agriculture National Institute of Food and Agriculture (Washington D.C.) 29 November 2023. Access Date: 30 November 2023. <https://www.nifa.usda.gov/about-nifa/announcements/nifa-invests-96m-food-safety-outreach>

²³⁴⁷ Apply for USDA's Organic Transition Initiative in Montana, United States Department of Agriculture Natural Resources Conservation Service (Helena) 30 November 2023. Access Date: 1 December 2023. <https://www.nrcs.usda.gov/news/apply-for-usdas-organic-transition-initiative-in-montana>

²³⁴⁸ More than 20,000 Domestic Producers to Benefit from USDA Awards Providing Organic Market Development, Promotion Support, United States Department of Agriculture Agricultural Marketing Service (Washington D.C.) 17 January 2024. Access Date: 1 March 2024. <https://www.ams.usda.gov/press-release/more-20000-domestic-producers-benefit-usda-awards-providing-organic-market>

On 30 January 2024, the Department of Agriculture’s Agricultural Research Service announced the development of a sustainable alternative antibiotic to treat hybrid striped bass with *Streptococcus iniae*, a deadly pathogen among aquacultures.²³⁴⁹ This treatment addresses antimicrobial resistance, prevents human transmission and helps reduce the USD150 million loss associated with the disease worldwide.

On 6 February 2024, the National Science Foundation announced USD35 million for seven Phase Two teams to develop new technologies for food security, climate-resilience and sustainable production.²³⁵⁰ This program aims to “ensure access to healthy, safe and affordable food” and develop environmentally sustainable agricultural practices. The National Science Foundation will provide USD30 million for this initiative while the Department of Agriculture will provide USD5 million.

On 6 February 2024, the Department of Agriculture’s Animal and Plant Health Inspection Service allocated USD70 million to the Section 7721 Program in the Plant Protection Act.²³⁵¹ This program supports 374 projects aimed at protecting agricultural systems from diseases carried by pests and plants through detection and mitigation strategies. This protects plant nurseries from infection and enhances overall plant health.

On 7 February 2024, the Department of the Interior allocated USD18 million to increase the supply of native seeds as a part of the National Seed Strategy.²³⁵² The funding will be used to develop infrastructure and tools used for collecting, storing, producing and protecting genetic diversity. The initiative aims to increase seed production capacity by promoting environmental resilience and mitigating against climate impacts.

On 21 February 2024, the Department of Agriculture’s Agricultural Research Service and the University of Georgia’s College of Agricultural and Environmental Sciences unveiled the new Southeast Watershed Research Laboratory and the Crop Genetics and Breeding Research Unit.²³⁵³ These facilities will conduct research on climate conscious agriculture and strategies such as including water resource management, pest control, pollinator protection and resilient crop systems.

On 27 February 2024, the Department of Agriculture’s Agricultural Marketing Service announced USD26 million in available funding to the Local Agriculture Market Program.²³⁵⁴ This program helps support sustainable food systems by developing and expanding local and regional food markets.

On 27 February 2024, the Department of Agriculture’s Animal and Plant Health Inspection Service and the National Animal Health Laboratory Network allocated USD1 million for investigations into “unexplained

²³⁴⁹ A Green Alternative For Treating *Streptococcus Iniae* Bacteria in Hybrid Striped Bass, United States Department of Agriculture Agricultural Research Service (Washington D.C.) 30 January 2024. Access Date: 1 March 2024. <https://www.ars.usda.gov/news-events/news/research-news/2024/a-green-alternative-for-treating-streptococcus-iniae-bacteria-in-hybrid-striped-bass/>

²³⁵⁰ NSF leads a \$35M federal investment in future agricultural technologies and solutions, U.S. National Science Foundation (Alexandria) 6 February 2024. Access Date: 11 March 2024. <https://new.nsf.gov/news/nsf-leads-35m-federal-investment-future>

²³⁵¹ USDA Provides more than \$70 Million to Protect our Food Supply and Natural Resources from Invasive Pests and Diseases in 2024, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 6 February 2024. Access Date: 1 March 2024. https://www.aphis.usda.gov/aphis/newsroom/news/sa_by_date/sa-2024/ppa-7721-2024

²³⁵² Biden-Harris Administration Announces \$18 Million from Investing in America Agenda to Enhance Native Seed Supply, Bolster Climate Resilience, United States Department of the Interior (Washington D.C.) 7 February 2024. Access Date: 1 March 2024. <https://www.doi.gov/pressreleases/biden-harris-administration-announces-18-million-investing-america-agenda-enhance>

²³⁵³ USDA and University of Georgia Break Ground on New Agriculture Research Facility in Tifton, Georgia, United States Department of Agriculture Agricultural Research Service (Washington D.C.) 21 February 2024. Access Date: 1 March 2024. <https://www.ars.usda.gov/news-events/news/research-news/2024/usda-and-university-of-georgia-break-ground-on-new-agriculture-research-facility-in-tifton-georgia/>

²³⁵⁴ USDA Announces Grant Funding and New Resources Available for Local and Regional Food Systems Development, United States Department of Agriculture Agricultural Marketing Service (Washington D.C.) 17 January 2024. Access Date: 1 March 2024. <https://www.ams.usda.gov/press-release/usda-announces-grant-funding-and-new-resources-available-local-and-regional-food>

morbidity or mortality events” in animals.²³⁵⁵ This funding falls within the One Health framework by addressing animal health and mitigating disease outbreaks.

On 14 March 2024, the Department of Agriculture’s Agricultural Marketing Service announced USD40.5 million in grants for organic farming.²³⁵⁶ This initiative will support 60 projects to access organic markets, technologies and equipment for organic farming, reduce costs and increase sustainable food production. Funding will be provided through the Organic Market Development Grant program.

On 19 March 2024, the Department of Agriculture’s Agricultural Research Service announced a new antiviral treatment for honeybees that protects them against Deformed Wing Virus.²³⁵⁷ This edible treatment supports sustainable food production by preventing the death of important agricultural pollinators.

On 19 March 2024, the Department of State announced a partnership between the United States and Inter-American Institute for Cooperation on Agriculture with Guatemalan stakeholders to develop a Vision for Adapted Crops and Soils (VACS) in Guatemala.²³⁵⁸ The vision will focus on sustainable and climate-resilient crops, fertile soils and resilient food systems. A first in the Western Hemisphere, the US and Inter-American Institute plan to expand the strategy across the region.

On 28 March 2024, the Department of Agriculture’s Agricultural Research Service and the Nueta Hidatsa Sahnish College announced an agreement to support Indigenous Seed Sovereignty.²³⁵⁹ This initiative enhances traditional seed varieties and supports biodiversity by incorporating traditional knowledge and fostering tribal partnerships.

On 3 April 2024, Secretary Vilsack announced a USD1.5 billion investment in the 2024 fiscal year to support conservation and climate-smart agriculture.²³⁶⁰ This initiative will help farmers to reduce costs and increase sustainable food production.

On 17 April 2024, the Department of Agriculture’s Animal and Plant Health Inspection Service released their new five-year strategy for protecting agricultural crops against invasive fruit flies.²³⁶¹ This strategy includes targets for early detection, emergency response and eradication.

²³⁵⁵ APHIS Bolsters Animal Health Surveillance with Funding for Unexplained Morbidity or Mortality Investigations, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 27 February 2024. Access Date: 1 March 2024. https://www.aphis.usda.gov/aphis/newsroom/stakeholder-info/sa_by_date/sa-2024/aphis-nahln-collaboration

²³⁵⁶ USDA Announces \$40.5 Million in Grant Awards to Support Processing and Promotion of Domestic Organic Products, United States Department of Agriculture Agricultural Marketing Service (Anaheim) 14 March 2024. Access Date: 3 May 2024. <https://www.usda.gov/media/press-releases/2024/03/14/usda-announces-405-million-grant-awards-support-processing-and>

²³⁵⁷ USDA Researchers Use an Edible Blue-Green Algae to Protect Honey Bees Against Viruses, United States Department of Agriculture Agricultural Research Service (Washington D.C.) 19 March 2024. Access Date: 25 April 2024. <https://www.ars.usda.gov/news-events/news/research-news/2024/usda-researchers-use-an-edible-blue-green-algae-to-protect-honey-bees-against-viruses/>

²³⁵⁸ Vision for Adapted Crops and Soils Expansion in Guatemala during High-Level Economic Dialogue, U.S. Department of State (Washington D.C.) 19 March 2024. Access Date: 3 May 2023. <https://www.state.gov/vision-for-adapted-crops-and-soils-expansion-in-guatemala-during-high-level-economic-dialogue/>

²³⁵⁹ USDA, Nueta Hidatsa Sahnish College Collaborate to Support Indigenous Seed Sovereignty Distribution of New Seeds in Late Spring, United States Department of Agriculture Agricultural Research Service (Washington D.C.) 28 March 2024. Access Date: 25 April 2024. <https://www.ars.usda.gov/news-events/news/research-news/2024/usda-nueta-hidatsa-sahnish-college-collaborate-to-support-indigenous-seed-sovereignty-distribution-of-new-seeds-in-late-spring/>

²³⁶⁰ USDA Makes \$1.5 Billion Available to Help Farmers Advance Conservation and Climate-Smart Agriculture as Part of President Biden’s Investing in America Agenda, United States Department of Agriculture (Mankato) 3 April 2024. Access Date: 3 May 2024. <https://www.usda.gov/media/press-releases/2024/04/03/usda-makes-15-billion-available-help-farmers-advance-conservation>

²³⁶¹ USDA Protects Hundreds of Crops from Invasive Fruit Flies with Five-Year Strategy, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 17 April 2024. Access Date: 25 April 2024. <https://www.aphis.usda.gov/news/agency-announcements/usda-protects-hundreds-crops-invasive-fruit-flies-five-year-strategy>

On 26 April 2024, the Department of Agriculture’s Animal and Plant Health Inspection Service enhanced existing regulations for disease traceability in cattle and bison.²³⁶² These regulations support animal health and mitigate disease outbreaks.

On 24 April 2024, the Department of Agriculture’s Animal and Plant Health Inspection Service published a federal order that requires testing for interstate movement of dairy cattle and mandatory reporting for positive Influenza A nucleic acid detection or serology in livestock.²³⁶³ These measures will become effective on 29 April 2024 and aim to control the spread of the Highly Pathogenic H5N1 Avian Influenza, ensuring the health of livestock as well as protecting supply chains and consumer health.

On 26 April 2024, the Department of Agriculture’s Animal and Plant Health Inspection Service announced that Salmonella will be declared an adulterant in raw breaded stuffed chicken products that exceed a specific threshold for Salmonella contamination.²³⁶⁴ This order serves to protect consumer health and reduce the number of Salmonella infections in the US, increasing food safety.

On 3 May 2024, the Department of Agriculture announced the 28 organizations selected to host members of the Working Lands Climate Corps (WLCC).²³⁶⁵ As part of the American Climate Corps, the WLCC aims to teach young people the importance of conservation and climate-smart agriculture solutions. The 28 organizations will host and train over 100 young WLCC members, equipping them with the necessary technical and interpersonal skills to become future sustainability leaders.

The United States has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production. The United States has addressed food safety through several initiatives to manage animal diseases and improve preparedness and protect agricultural crops against invasive species. This includes the five-year strategy to protect crops from fruit flies, the creation of antimicrobial resistance dashboards and research awards to support the One Health approach to detect and prevent zoonotic disease outbreaks. The United States has also addressed sustainable food production through substantial funding for domestic and international initiatives.

Thus, the United States receives a score of +1.

Analyst: Nell Sykes

European Union: +1

The European Union has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production.

On 5 July 2023, EU agriculture ministers discussed the food-related articles of the European Commission’s Waste Framework Directive.²³⁶⁶ These aspects of the Waste Framework Directive are significant for the agri-

²³⁶² APHIS Bolsters Animal Disease Traceability in the United States, United States Department of Agriculture Animal and Plant Health Inspection Service (Washington D.C.) 26 April 2024. Access Date: 27 April 2024.

<https://www.aphis.usda.gov/news/agency-announcements/aphis-bolsters-animal-disease-traceability-united-states>

²³⁶³ USDA Actions to Protect Livestock Health From Highly Pathogenic H5N1 Avian Influenza, U.S. Department of Agriculture (Washington D.C.) 24 April 2024. Access Date: 15 May 2024. <https://www.usda.gov/media/press-releases/2024/04/24/usda-actions-protect-livestock-health-highly-pathogenic-h5n1-avian>

²³⁶⁴ USDA Finalizes Policy to Protect Consumers from Salmonella in Raw Breaded Stuffed Chicken Products, U.S. Department of Agriculture (Washington D.C.) 26 April 2024. Access Date: 15 May 2024. <https://www.usda.gov/media/press-releases/2024/04/26/usda-finalizes-policy-protect-consumers-salmonella-raw-breaded>

²³⁶⁵ USDA Announces 28 Host Organizations to Train Future Conservation and Climate Leaders, as part of President Biden’s American Climate Corps, U.S. Department of Agriculture (Washington D.C.) 3 May 2024. Access Date: 15 May 2024. <https://www.usda.gov/media/press-releases/2024/05/03/usda-announces-28-host-organizations-train-future-conservation-and>

²³⁶⁶ Agriculture and Fisheries Council, Council of the European Union (Brussels) 24 October 2023. Access Date: 4 November 2023. <https://www.consilium.europa.eu/en/meetings/agrifish/2023/10/23-24/>

food industry and critical to halving global food waste by 2030 and reducing food loss in supply and production chains.

On 5 July 2023, the European Commission adopted a soil monitoring law which aims to support sustainable soil and plant use by reducing food waste and enhancing soil health.²³⁶⁷ This law also aims to enhance food safety by enabling safe genomic techniques to develop climate-resilient and sustainable crops and by addressing risks related to soil contamination. This law encompasses the One Health approach by focusing on improving environmental, social, health and economic benefits for the planet and for humans.

On 20 July 2023, the Council of the EU highlighted global food insecurity as one of its priorities to address at the 78th session of the United Nations General Assembly.²³⁶⁸ The EU aims to improve multilateral cooperation and the implementation of the Sustainable Development Goals to establish sustainable and resilient food systems.²³⁶⁹

On 25 September 2023, the European Commission announced that they will provide EUR90 million to fund 17 research projects that promote soil health and sustainable food production, while also addressing the European Green Deal's targets.²³⁷⁰ The projects will involve over 314 participants from the EU and other countries, non-governmental organisations, businesses and universities.

On 19 October 2023, European Commissioner for International Partnerships Jutta Urpilainen and the Economic Community of West African States Commission President Omar Aliou Touray committed to continued cooperation in the Sahel and West African region to enhance food systems.²³⁷¹ The financing agreements include EUR12 million towards clean cooking solutions, EUR20 million towards food security storage and EUR60 million towards developing the livestock sector. This initiative aims to strengthen resilience and sustainable production.

On 23 October 2023, the Council of the EU agreed to limit its fish catch for 2024 to support sustainable food production.²³⁷² The agreement is compliant with the multiannual plan for Baltic Sea stocks, the Common Fisheries Policy, and the scientific advice given by the International Council for the Exploration of the Sea. The total allowable catches for Riga herring, main basin salmon and sprat were reduced, respectively, by 17 per cent, 15 per cent and 10 per cent.²³⁷³

²³⁶⁷ European Green Deal: more sustainable use of plant and soil natural resources, European Commission (Brussels) 5 July 2023. Access Date: 13 December 2023. https://ec.europa.eu/commission/presscorner/detail/en/ip_23_3565

²³⁶⁸ EU priorities at the 78th UN General Assembly: Council approves conclusions, Council of the European Union (Brussels) 20 July 2023. Access Date: 3 December 2023. <https://www.consilium.europa.eu/en/press/press-releases/2023/07/20/eu-priorities-at-the-78th-un-general-assembly-council-approves-conclusions/>

²³⁶⁹ Council Conclusions on EU priorities at the United Nations during the 78th session of the United Nations General Assembly, September 2023 – September 2024, Council of the European Union (Brussels) 20 July 2023. Access Date: 6 December 2023. <https://data.consilium.europa.eu/doc/document/ST-11688-2023-INIT/en/pdf>

²³⁷⁰ EU Mission 'A Soil Deal for Europe': €90 million for 17 new projects to support healthy soils, European Commission (Brussels) 25 September 2023. Access Date: 13 December 2023. https://ec.europa.eu/commission/presscorner/detail/en/ip_23_4564

²³⁷¹ Commissioner Urpilainen and the ECOWAS President Touray launch a major package to stabilise the region and drive West African socio-economic development, European Commission (Brussels) 19 October 2023. Access Date: 3 December 2023. https://international-partnerships.ec.europa.eu/news-and-events/news/commissioner-urpilainen-and-ecowas-president-touray-launch-major-package-stabilise-region-and-drive-2023-10-19_en

²³⁷² Baltic Sea: Council agrees catch limits for 2024, Council of the European Union (Brussels) 24 October 2023. Access Date: 4 November 2023. <https://www.consilium.europa.eu/en/press/press-releases/2023/10/24/baltic-sea-council-agrees-catch-limits-for-2024/>

²³⁷³ Agriculture and Fisheries Council, Council of the European Union (Brussels) 24 October 2023. Access Date: 4 November 2023. <https://www.consilium.europa.eu/en/meetings/agrifish/2023/10/23-24/>

On 13 November 2023, the Council of the EU adopted the revised fisheries control system which establishes rules regarding fishing in EU waters.²³⁷⁴ The new system will promote sustainable food production by preventing overfishing with new rules limiting the “margin of tolerance” for the difference between estimated and actual catches.

On 13 November 2023, the EU and neighbouring countries established a joint agreement for fisheries management and control in the Mediterranean and the Black Seas.²³⁷⁵ New measures outlined in this agreement focus on sustainable food production by increasing “the traceability of fisheries products,” adopting a new multiannual management plan for dolphinfish and adopting strategies to protect vulnerable species and marine habitats.

On 13 November 2023, the Council of the EU adopted the Farm Sustainability Data Network which aims to improve sustainable food production in the EU through data collection.²³⁷⁶ The network will enhance connections with other data collection initiatives, using data collected to research and develop policies regarding sustainable food systems.

On 17 November 2023, the European Commission announced that they will provide EUR185.9 million to promote “sustainable and high-quality EU agri-food products” in 2024.²³⁷⁷ This initiative aims to increase sustainable food production by promoting sustainable products and agricultural practices across the EU and foreign markets.

On 23 November 2023, the European Commission allocated EUR50 million to support Greek and Slovenian farmers recovering from natural disasters which affected agricultural production.²³⁷⁸ Of this, EUR43.1 million will go towards Greek farmers and the remaining EUR8.6 million will support Slovenian farmers.

On 13 December 2023, the Council of the EU and the European Parliament reached an agreement to extend the European Union’s participation in the Partnership for Research and Innovation in the Mediterranean Area to 2027.²³⁷⁹ Research and innovation supports climate resiliency, efficiency and environmental sustainability in Mediterranean food systems.

²³⁷⁴ Combating overfishing: Council adopts revised rules for the EU’s fisheries control system, Council of the European Union (Brussels) 13 November 2023. Access Date: 13 December 2023. <https://www.consilium.europa.eu/en/press/press-releases/2023/11/13/combating-overfishing-council-adopts-revised-rules-for-the-eu-s-fisheries-control-system/>

²³⁷⁵ EU and Neighbourhood countries commit to enhanced fisheries management control in the Mediterranean and Black Sea, European Commission (Brussels) 13 November 2023. Access Date: 13 December 2023. https://ec.europa.eu/commission/presscorner/detail/en/ip_23_5695

²³⁷⁶ Council adopts Farm Sustainability Data Network regulation, Council of the European Union (Brussels) 13 November 2023. Access Date: 13 November 2023. <https://www.consilium.europa.eu/en/press/press-releases/2023/11/13/council-adopts-farm-sustainability-data-network-regulation/>

²³⁷⁷ EU Commission to spend €186 million promoting agri-food products in and outside EU in 2024, European Commission (Brussels) 17 November 2023. Access Date: 13 December 2023. https://ec.europa.eu/commission/presscorner/detail/en/ip_23_5816

²³⁷⁸ Commission allocates support of over €50 million to Greek and Slovenian farmers affected by natural disasters, European Commission (Brussels) 23 November 2023. Access Date: 13 November 2023. https://ec.europa.eu/commission/presscorner/detail/en/ip_23_5958

²³⁷⁹ Council and Parliament reach agreement on continuing the EU’s participation in the Partnership for Research and Innovation in the Mediterranean Area (PRIMA), Council of the European Union (Brussels) 13 December 2023. Access Date: 23 April 2024. <https://www.consilium.europa.eu/en/press/press-releases/2023/12/13/council-and-parliament-reach-agreement-on-continuing-the-eu-s-participation-in-the-partnership-for-research-and-innovation-in-the-mediterranean-area-prima/>

On 14 February 2024, the Council of the EU added additional habitat protection and sustainability measures in the North-East Atlantic Fisheries Commission area.²³⁸⁰ These measures ban discarding catches for 22 species of fish and extend the ban on bottom fishing until 2027 to protect vulnerable marine ecosystems.

On 20 February 2024, the Council of the EU and European Parliament reached a provisional agreement to establish an EU-level certification framework for carbon removals, carbon farming and carbon storage.²³⁸¹ This voluntary framework includes soil emissions reduction practices such as sustainable soil management practices, wetland management and cover crop practices.

On 20 February 2024, the European Commission announced EUR2.2 million in funding for proposals for energy transition on fisheries.²³⁸² Funding will support a pilot project on fishing vessels with improved energy performance, reduced emissions and reduced underwater noise to minimize the environmental impact.

On 26 February 2024, the Council of the EU adopted additional fisheries management, conservation and control measures for the conservation of Atlantic Tuna.²³⁸³ Measures include mandatory reporting for South Atlantic albacore catches, capacity limitations and the banning for discard catches for tropical tuna and provisions for safe handling of sea turtles and mako sharks.

On 11 April 2024, the European Food Safety Authority and the French Agency for Food, Environmental and Occupational Health and Safety organized an international workshop on plant health and biological invasions.²³⁸⁴ This workshop included research on horizon scanning to enhance international knowledge of risk assessment in plant and agriculture health.

On 16 April 2024, the European Commission announced a total of EUR3.5 billion in funding to support sustainable fisheries at the Our Ocean Conference in Greece.²³⁸⁵ The funding supports 40 commitments for action for 2024 that promote a healthy and sustainably managed ocean. Of the total funding, EUR1.9 billion will support aquaculture recovery, resilience plans and reforms alongside the EUR1.5 million in funding to implement the Port State Measures Agreement to combat illegal and unregulated fishing.

On 7 May 2024, the European Centre for Disease Prevention and Control, the European Chemicals Agency, the European Environment Agency, the European Food Safety Authority and the European Medicines Agency published a joint framework outlining steps to increase cooperation to implement the One Health approach.²³⁸⁶ The framework aims to equip EU members to respond effectively to health threats and mitigate the social costs

²³⁸⁰ Updated fisheries measures in the North-East Atlantic: green light from EU member states' representatives, Council of the European Union (Brussels) 14 February 2024. Access Date: 23 April 2024. <https://www.consilium.europa.eu/en/press/press-releases/2024/02/14/updated-fisheries-measures-in-the-north-east-atlantic-green-light-from-eu-member-states-representatives/>

²³⁸¹ Climate action: Council and Parliament agree to establish an EU carbon removals certification framework, Council of the European Union (Brussels) 20 February 2024. Access Date: 23 April 2024. <https://www.consilium.europa.eu/en/press/press-releases/2024/02/20/climate-action-council-and-parliament-agree-to-establish-an-eu-carbon-removals-certification-framework/>

²³⁸² A new Pilot Project call for proposals will foster energy transition in fisheries, European Climate, Infrastructure and Environment Executive Agency (Brussels) 20 February 2024. Access Date: 23 April 2024. https://cinea.ec.europa.eu/news-events/news/new-pilot-project-call-proposals-will-foster-energy-transition-fisheries-2024-02-20_en

²³⁸³ Updated fisheries measures in the ICCAT area: Council gives final green light, Council of the European Union (Brussels) 26 February 2024. Access Date: 23 April 2024. <https://www.consilium.europa.eu/en/press/press-releases/2024/02/26/updated-fisheries-measures-in-the-iccat-area-council-gives-final-green-light/>

²³⁸⁴ Horizon scanning in plant health: EFSA and ANSES organise first international workshop, European Food Safety Authority (Parma) 11 April 2024. Access Date: 23 April 2024. <https://www.efsa.europa.eu/en/news/horizon-scanning-plant-health-efsa-and-anses-organise-first-international-workshop>

²³⁸⁵ EU announces €3.5 billion worth of commitments to protect the ocean and promote sustainability at Our Ocean Conference in Greece, European Commission (Athens) 16 April 2024. Access Date: 23 April 2024. https://ec.europa.eu/commission/presscorner/detail/en/ip_24_2049

²³⁸⁶ One Health: a joint framework for action published by five EU agencies, European Food Safety Authority (Brussels) 7 May 2024. Access Date: 15 May 2024. <https://www.efsa.europa.eu/en/news/one-health-joint-framework-action-published-five-eu-agencies>

of such threats. Furthermore, the framework sees the creation of a cross-agency task force that will coordinate research and focus on capacity building and fostering stakeholder dialogue to provide concrete scientific advice that will guide policy decisions to reduce human-caused environmental pressures while addressing social needs such as food security and access to water.

The European Union has fully complied with its commitment to support the adoption of the One Health approach to address food safety and sustainable food production. The EU has taken concrete actions to support sustainable food production such as limiting total allowable catches in fishing, improving data collection to form sustainable food policies, funding initiatives to improve soil health, and funding for renewable energy research in aquaculture. The EU has also implemented initiatives to increase food safety measures, such as additional soil monitoring laws and funding for international research on risk assessment in agriculture.

Thus, the European Union receives a score of +1.

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