

Appendix 2: Relationship of Turkey's National Pathway Action Tracks with Other National Strategy and Documents

Action Track	Name of The Plan	Policy/Measure/Goal/ Action or Strategy in the Plan
AT1: Ensure Access to Safe and Nutritious Food for All	Eleventh Development Plan (2019-2023)	408. Livestock farming will be developed. 410. In order to ensure food safety, efficiency of inspections will be increased, the services for combating plant and animal disease and pests will be developed. 411. The rules and capacities for market regulation will be improved in order to ensure food safety, efficient inventory management, reducing losses in the supply chain and preventing waste.
	New Economy Program (2019-2021)	Food value chain will be reconstructed by execution of the National Unity in Agriculture Project. In priority of food safety and international competition. In this context, support will be given to the studies of the Marketplace State Law.
	2021 Economic Reform Package	2.3.a The products remaining in the field and in conditions will be brought together with the buyers in the special section to be opened in the Digital Agriculture Market (DITAF). 2.3.d. In order to prevent food waste, the Food Banking System will be made attractive and expanded
	3rd Agriculture Forestry Council -Main Actions by 2024	1. Establishing a Digital Value Chain from Field to Fork 4. Making legislative arrangements and put into practice for penalties to the deter of food fraudulence and adulteration 5. Preventing information pollution in food and increasing food literacy 17. Encouraging Cooperation among Public, Private Sector and University for R&D and Innovation 18. Promoting international projects for the exchange of experience and know-how
	Strategic Plan of Ministry of Agriculture and Forestry (2019-2023)	A2. To ensure food and feed safety from production to consumption, to take necessary measures for plant and animal health and welfare
	Action Plan for Prevention and Control Of Adult And Childhood Obesity And Physical Activity 2019 – 2023 (Action Plan For Adults)	A7. Developing Institutional Capacity A. Strengthening cooperation in the development of holistic health management and healthy nutrition B. Establishment of healthy nutrition environments C. Supporting the gains of lifelong healthy nutrition, especially for disadvantaged groups D. Reorganization of health services, presentation of integrated healthcare services (providing nutrition-related information and counseling, early diagnosis, treatment rehabilitation services)
	Action Plan for Prevention and Control Of Adult And Childhood Obesity And Physical Activity 2019 – 2023 (Action Plan Childhood Obesity)	A. Supporting a healthy start in life B. Promote healthy environment in schools and pre-school C. Informing and strengthening of families D. Ensuring that healthy options are easy options E. Reducing marketing pressure to children F. Reducing marketing exposure to children
	National Rural Development Strategy (2021-2023)	Priority 3.1 Improving the competitiveness of the agriculture and food sectors 403. By providing accurate and reliable data at macro and micro level, the whole chain extending from seed to table will be fully recorded, annual monitoring and evaluation activities will be institutionalized, agricultural information systems will be completed and effective use will be ensured. 411. The rules and capacities for market regulation will be improved in order to ensure food safety, efficient inventory management, reducing losses in the supply chain and preventing waste. 413. Cooperatives and producer unions will be actively incorporated into the system in order to reduce the number of intermediaries in the distribution chain in the marketing of agricultural products, to ensure the consumer access to the product at reasonable prices and to establish a direct connection between the producer and the consumer. 414. Mechanisms will be established to ensure that agricultural products produced at local and regional level achieve the added-value they deserve.
	Eleventh Development Plan (2019-2023)	2.3.a The products remaining in the field and in conditions will be brought together with the buyers in the special section to be opened in the Digital Agriculture Market (DITAF). 2.3.c. Support will be given to the establishment of a cold chain in order to reduce the loss of vegetables and fruits. 2.3.d. In order to prevent food waste, the Food Banking System will be made attractive and expanded 2.3.e. Awareness of consumers about food waste will be increased through social media and other communication tools
	2021 Economic Reform Package	6. Establishing the infrastructure to prevent food loss and waste 17. Encouraging the Collaboration of Public and Private Sectors and Increasing Its Market Share 17. Encouraging Cooperation among Public, Private Sector and University for R&D and Innovation 18. Promoting international projects for the exchange of experience and know-how 19. Supporting R&D projects for the re-use of wastes in order to reach the zero waste goal 22. Increasing alternative aquaculture species, production and productivity in aquaculture and hunting activities within the framework of sustainability principles
3rd Agriculture Forestry Council -Main Actions by 2024	A2. To ensure food and feed safety from production to consumption, to take necessary measures for plant and animal health and welfare A7. Developing Institutional Capacity Strategic Goal 1. Prevent and Reduce Food Loss and Waste Strategic Goal 2. Food Recovery and Redistribution for Direct Human Consumption Strategic Goal 3. Converting Former Foodstuffs to Animal Feed, Without Competing with Recovery and Redistribution for Direct Human Consumption Strategic Goal 4. Recycle Food Loss and Waste	
Strategic Plan of Ministry of Agriculture and Forestry (2019-2023)	B. Establishment of healthy nutrition environments B. Promote healthy environment in schools and pre-school D. Ensuring that healthy options are easy options E. Reducing marketing pressure to children F. Reducing marketing exposure to children	
National Strategy Document On Prevention, Reduction and Monitoring of Food Loss and Waste And Its Action Plan	Target 5.6. Improving waste and residue management in agricultural production Target 5.7. Reducing food loss and waste Target 5.8. Raising awareness on the EU Farm-to-Fork Strategy and Biodiversity Strategies	
Action Plan for Prevention and Control Of Adult And Childhood Obesity And Physical Activity 2019 – 2023 (Action Plan For Adults)	405. Protection, effective use and management of agricultural lands will be ensured. 406. Impairments will be prioritized and maintained in order to expand irrigated areas, and efforts towards quality water preservation and efficient use of water will be furthered. 407. Plant production will be increased. 408. Livestock farming will be developed. 409. Production and exports will be increased in the aquaculture sector. 412. In agricultural production, biodiversity in the field of local animal breed and seeds will be preserved and made sustainable. 415. The contribution of forests to the economy will be increased through sustainable forest management. 416. The efficiency and quality of agricultural R&D activities will be increased by improving coordination and cooperation between public, university, private and industrial sectors in agricultural research activities.	
Action Plan for Prevention and Control Of Adult And Childhood Obesity And Physical Activity 2019 – 2023 (Action Plan Childhood Obesity)	An early warning system that allows a healthy supply and yield forecasts for agricultural products will be established.	
National Drought Strategy and Action Plan (2017-2023)	Necessary institutional and legal infrastructure will be established in order to bring the idle agricultural lands into agricultural production. 2.3.6. Guidance will be provided with technical assistance for the production, diagnosis and retail services. 2.3.f In order to contribute to agricultural production planning, increase predictability in production and prevent price fluctuations, contract farming mechanisms will be developed that will increase the confidence of farmers and industrialists in written contracts. 2.3.g. The Proposal of the Market Law, which will also reduce the intermediation costs in unprocessed food prices, will be submitted to the Parliament.	
Green Deal Action Plan 2021	4.1.a. With the amendment to be made in the Energy Efficiency Law, buildings and energy efficiency supports in agriculture and service sectors will be included in the scope 1. Establishing a Digital Value Chain from Field to Fork 2. Establishing and Implementing an Alternative Support Model with Contractual Production 8. Establishing 7 more heifer centers under the Breeding Heifer Production Center Project, consequently, increasing the total number to 32 9. Building mass feeding houses and establishing a mulberry garden within the scope of Silkworm Production Basin Project 10. Completion of Breeding Infrastructure Works for Agriculture and Forestry Products 11. Efficient use of meteorological information in every stage of production in agriculture and forestry 13. Increasing the Production of Fiber Plants to be Used for Industrial Purposes 14. Use of high technology and artificial intelligence applications in response to forest fires 16. Establishing the necessary legal regulations in terms of fire safety in licensing of dwellings and workplaces in and around the forest 17. Encouraging Cooperation among Public, Private Sector and University for R&D and Innovation 18. Promoting international projects for the exchange of experience and know-how 19. Evaluating all legislation on agriculture and forest with a holistic approach, establishing a simple legislative structure 21. Enacting Water Law 22. Establishing and disseminating alternative models such as land banking and co-production in order to bring idle agricultural lands to production and solving the problem of transfer in agricultural lands by developing inheritance legislation 23. Using Soil and Water Resources within the Framework of Sustainable Management Principles 25. To conduct fight against desertification and erosion effectively and efficiently. 26. Uncovering our nature tourism potential and becoming an international brand in nature tourism 27. Completing the identification and restraint studies of pastures, highlands and winter quarters 28. Supporting R&D projects for the re-use of wastes in order to reach the zero waste goal 29. Development of Licensed Warehousing, dissemination of electronic product trade 30. Increasing Buffalo Number and Productivity 31. Reaching international averages in calf mortality and fertility statistics 33. Increasing alternative aquaculture species, production and productivity in aquaculture and hunting activities within the framework of sustainability principles 34. Development and Expansion of Domestic and National Seed and Seedling Sectors 35. Conservation, development and commercialization of local (Ata) seed varieties 36. Increasing production and marketing opportunities with Medicinal and Aromatic Plants Action Plan 37. Thanks to promoting the production and use of organic and organomineral fertilizers, reducing the import of chemical fertilizers and environmental pollution, spreading the biological and biotechnical control methodologies 38. Conservation and Breeding of Our Pet Genetic Resources 39. Increasing studies on determination, protection, improvement and dissemination of domestic genetic resources and biodiversity in the areas of agriculture and forestry, genetic resource database project 40. Production of Veterinary Biological Products and Pharmaceutical Active Ingredients by encouraging technology and R&D investments 41. Completing the national forest inventory 42. Making our citizens an international forest sapling production and marketing center 43. Eliminating the ownership problems experienced in the allocation and determination of the places to be moved beyond the forest boundary, by completing the registration of the forests whose cadastre has been finalized 44. Preparation of land use plans and agricultural land use plans, completion of detailed soil surveys 45. Completion of land consolidation investments and projects by low-cost 46. Privatization of new irrigation investments and rehabilitation projects	
Eleventh Development Plan (2019-2023)	A1. Raising welfare in rural areas, ensuring stable food supply by increasing yield and quality in agricultural production A2. To ensure food and feed safety from production to consumption, to take necessary measures for plant and animal health and welfare	
New Economy Program (2019-2021)	AT3: Boost Nature Positive Production at Sufficient Scale	
2021 Economic Reform Package	A1. Raising welfare in rural areas, ensuring stable food supply by increasing yield and quality in agricultural production A2. To ensure food and feed safety from production to consumption, to take necessary measures for plant and animal health and welfare	
3rd Agriculture Forestry Council -Main Actions by 2024	A1. Raising welfare in rural areas, ensuring stable food supply by increasing yield and quality in agricultural production A2. To ensure food and feed safety from production to consumption, to take necessary measures for plant and animal health and welfare A3. Protecting fisheries and aquaculture resources, ensuring their sustainable operation A4. Ensuring sustainable management of soil and water resources A6. Conserving biodiversity and ensuring its sustainable management A7. Developing Institutional Capacity 11. Encouraging the Renewal of Tractors and Combine Harvesters with more Energy Efficient versions 12. Transition to Energy Efficient Irrigation Methods 13. Supporting Energy Efficiency Projects in the Agriculture Sector 14. Encouraging the Use of Renewable Energy Resources in Agricultural Production 15. Identification of Agricultural By-Product and Waste Potential to Obtain Biogas and Promoting Its Use 16. Supporting Energy Efficiency in the Fisheries and Aquaculture	
Strategic Plan of Ministry of Agriculture and Forestry (2019-2023)	Goal 1: Strengthening legal and institutional capacities for sustainable management of basins, ensure coordination and cooperation between institutions and stakeholders. Goal 2: Sustainable management and use of water resources of the basins. Goal 4: To protect and manage the biological diversity, natural and cultural landscape resource values of the basins and to ensure the sustainability of ecosystems services.	
National Energy Efficiency Action Plan 2017-2023		
National Basin Management Strategy (2014-2023)		

	<p>PURPOSE T3. Develop information infrastructure and capacity in the agriculture sector</p> <p>PURPOSE O3. Limit the negative impact of land uses and changes such as forests, pastures, agriculture and settlements on climate change</p> <p>PURPOSE U72. Developing and expanding R&D and scientific studies to identify the impacts of climate change on agriculture and to ensure adaptation to climate change</p> <p>PURPOSE U73. Sustainable planning of water utilization in agriculture</p> <p>PURPOSE U74. Protecting soil and agricultural biodiversity against the impacts of climate change</p> <p>PURPOSE U75. Integration of the climate change adaptation approach to ecosystem services, biodiversity and forestry policies</p> <p>PURPOSE A1. Ensure Effective Waste Management</p> <p>PURPOSE U51. Integrating adaptation to the impacts of climate change into water resource management policies</p> <p>PURPOSE U53. Develop and expand R&D and scientific studies to ensure adaptation to the impacts of climate change in water resources management</p> <p>PURPOSE U54. Integrated management of water resources and water basins for adaptation to climate change</p>
Climate Change Action Plan (2021-2023)	<p>Priority 1.1 Improving the competitiveness of the agriculture and food sectors</p> <p>Priority 2.1 Ensuring the sustainability of soil and water resources</p> <p>Priority 2.2 Ensuring effectiveness in the use of agricultural land</p> <p>Priority 2.3 Ensuring the sustainability of forest resources</p> <p>Purpose 1/H.1.1 To develop legislation on drought management</p> <p>Purpose 1/H.1.2 To determine policy and to ensure national coordination and international cooperation regarding drought management</p> <p>Purpose 2/H.2.1 Conducting Research, Planning and Implementation Studies in Drought Management</p> <p>Purpose 2/H.2.2 To coordinate and prioritize the drought related investments and activities carried out by the relevant institutions and organizations.</p> <p>Purpose 2/H.2.3 To create a "National Drought Database" Based on Geographic Information System.</p> <p>Purpose 2/H.2.4 Developing Agricultural Product Yield Insurance System</p> <p>Purpose 3/H.3.1 Organizing trainings to inform the society.</p> <p>Purpose 4/H.4.1 To determine the possible effects of climate change on drought through scientific research and modelling studies.</p>
National Rural Development Strategy (2021-2023)	<p>Target 2.1. Continuing evaluation studies for a national carbon pricing mechanism</p> <p>Target 2.3. Development of green transformation of industry and circular economy in our country</p> <p>Target 2.3. Integrated pollution prevention and control studies within the scope of sustainable consumption and production</p> <p>Target 2.4. Improving the sustainable use of water in production and consumption and improvement of the reuse of waste water</p> <p>Target 2.5. Sustainable Products Initiative harmonization studies</p> <p>Target 2.7. Reducing Emissions During Chemical</p> <p>Target 5.1. Reduce the use of pesticides and anti-microbials</p> <p>Target 5.2. Improvement of organic agriculture</p> <p>Target 5.3. Reduce the use of chemical fertilizers</p> <p>Target 5.4. Land consolidation activities</p> <p>Target 5.5 Increasing the use of renewable energy in agriculture</p> <p>Target 5.6. Improving waste and residue management in agricultural production</p> <p>Target 5.8. Raising awareness on the EU Farm-to-Fork Strategy and Biodiversity Strategies</p> <p>Target 7.2. Evaluation of the effects of climate change on terrestrial and marine areas and specific water resources through ecosystem based approaches and practices</p>
National Drought Strategy and Action Plan (2017-2023)	<p>Strategic Goal 1: Improving the conditions of affected and likely to be affected ecosystems, combating desertification / land degradation, promoting sustainable land management and Contributing to Land Degradation Neutrality (LDN)</p> <p>Strategic Goal 4: Contributing to global benefits through the effective implementation of the UNCCD</p> <p>1. Water Resources Management</p> <p>2. Water Resources Data Status</p> <p>3. Protection and improvement of Water Resources in terms of Quantity, Quality and Ecosystems</p> <p>4. Supply Demand Balance and Water Allocation</p> <p>5. Finance, Budget and Business</p> <p>6. Water Efficiency</p> <p>7. Socio-Economic Analysis</p> <p>8. Information and Decision Support Systems</p> <p>9. Water Safety</p> <p>10. Water Policy</p>
Green Deal Action Plan 2021	<p>Target 2.1. Continuing evaluation studies for a national carbon pricing mechanism</p> <p>Target 2.3. Development of green transformation of industry and circular economy in our country</p> <p>Target 2.3. Integrated pollution prevention and control studies within the scope of sustainable consumption and production</p> <p>Target 2.4. Improving the sustainable use of water in production and consumption and improvement of the reuse of waste water</p> <p>Target 2.5. Sustainable Products Initiative harmonization studies</p> <p>Target 2.7. Reducing Emissions During Chemical</p> <p>Target 5.1. Reduce the use of pesticides and anti-microbials</p> <p>Target 5.2. Improvement of organic agriculture</p> <p>Target 5.3. Reduce the use of chemical fertilizers</p> <p>Target 5.4. Land consolidation activities</p> <p>Target 5.5 Increasing the use of renewable energy in agriculture</p> <p>Target 5.6. Improving waste and residue management in agricultural production</p> <p>Target 5.8. Raising awareness on the EU Farm-to-Fork Strategy and Biodiversity Strategies</p> <p>Target 7.2. Evaluation of the effects of climate change on terrestrial and marine areas and specific water resources through ecosystem based approaches and practices</p>
National Strategy and Action Plan to Combat Desertification (2019-2030)	<p>Strategic Goal 1: Improving the conditions of affected and likely to be affected ecosystems, combating desertification / land degradation, promoting sustainable land management and Contributing to Land Degradation Neutrality (LDN)</p> <p>Strategic Goal 4: Contributing to global benefits through the effective implementation of the UNCCD</p> <p>1. Water Resources Management</p> <p>2. Water Resources Data Status</p> <p>3. Protection and improvement of Water Resources in terms of Quantity, Quality and Ecosystems</p> <p>4. Supply Demand Balance and Water Allocation</p> <p>5. Finance, Budget and Business</p> <p>6. Water Efficiency</p> <p>7. Socio-Economic Analysis</p> <p>8. Information and Decision Support Systems</p> <p>9. Water Safety</p> <p>10. Water Policy</p>
National Water Plan 2019-2023	<p>404. The efficiency of agricultural subsidies will be increased.</p> <p>413. Cooperatives and producer unions will be actively incorporated into the system in order to reduce the number of intermediaries in the distribution chain in the marketing of agricultural products, to ensure the consumer access to the product at reasonable prices and to establish a direct connection between the producer and the consumer.</p> <p>414. Mechanisms will be established to ensure that agricultural products produced at local and regional level achieve the added-value they deserve.</p> <p>417. Activities to protect the income of producers in agriculture will be supported.</p> <p>418. The effectiveness of agricultural training and extension activities will be increased and expanded.</p> <p>2.3.f In order to contribute to agricultural production planning, increase predictability in production and prevent price fluctuations, contract farming mechanisms will be developed that will increase the confidence of farmers and intermediaries in various contracts</p> <p>15. Establishing and implementing an Alternative Support Model with Contractual Production</p> <p>17. Enhancing Cooperation among Public, Private Sector and University for R&D and Innovation</p> <p>18. Promoting informational projects for the exchange of experience and know-how</p> <p>20. Rearrangement of neighborhoods as rural and urban in metropolitan municipalities, preserving the village legal entity structure in rural neighborhoods</p> <p>22. Establishing and disseminating alternative models such as land banking and co-production in order to bring idle agricultural lands to production and solving the problem of transfer in agricultural lands by developing inheritance legislation</p> <p>24. Supporting women and youth entrepreneurship to ensure the sustainability of family business</p> <p>43. Eliminating the ownership problems experienced in the allocation and determination of the places to be moved beyond the forest boundary, by completing the registration of the forests whose cadastre has been finalized</p>
Eleventh Development Plan (2019-2023)	<p>413. Cooperatives and producer unions will be actively incorporated into the system in order to reduce the number of intermediaries in the distribution chain in the marketing of agricultural products, to ensure the consumer access to the product at reasonable prices and to establish a direct connection between the producer and the consumer.</p> <p>414. Mechanisms will be established to ensure that agricultural products produced at local and regional level achieve the added-value they deserve.</p> <p>417. Activities to protect the income of producers in agriculture will be supported.</p> <p>418. The effectiveness of agricultural training and extension activities will be increased and expanded.</p>
2021 Economic Reform Package	<p>2.3.f In order to contribute to agricultural production planning, increase predictability in production and prevent price fluctuations, contract farming mechanisms will be developed that will increase the confidence of farmers and intermediaries in various contracts</p> <p>15. Establishing and implementing an Alternative Support Model with Contractual Production</p> <p>17. Enhancing Cooperation among Public, Private Sector and University for R&D and Innovation</p> <p>18. Promoting informational projects for the exchange of experience and know-how</p> <p>20. Rearrangement of neighborhoods as rural and urban in metropolitan municipalities, preserving the village legal entity structure in rural neighborhoods</p> <p>22. Establishing and disseminating alternative models such as land banking and co-production in order to bring idle agricultural lands to production and solving the problem of transfer in agricultural lands by developing inheritance legislation</p> <p>24. Supporting women and youth entrepreneurship to ensure the sustainability of family business</p> <p>43. Eliminating the ownership problems experienced in the allocation and determination of the places to be moved beyond the forest boundary, by completing the registration of the forests whose cadastre has been finalized</p>
3rd Agriculture Forestry Council -Main Actions by 2024	<p>20. Rearrangement of neighborhoods as rural and urban in metropolitan municipalities, preserving the village legal entity structure in rural neighborhoods</p> <p>22. Establishing and disseminating alternative models such as land banking and co-production in order to bring idle agricultural lands to production and solving the problem of transfer in agricultural lands by developing inheritance legislation</p> <p>24. Supporting women and youth entrepreneurship to ensure the sustainability of family business</p> <p>43. Eliminating the ownership problems experienced in the allocation and determination of the places to be moved beyond the forest boundary, by completing the registration of the forests whose cadastre has been finalized</p>
Strategic Plan of Ministry of Agriculture and Forestry (2019-2023)	<p>A1. Raising welfare in rural areas, ensuring stable food supply by increasing yield and quality in agricultural production</p> <p>A5. Develop institutional capacity</p>
Strategy Document and Action Plan for Women's Empowerment (2018-2023)	<p>Strategy 1: Within the framework of the goal of further empowering women, re-evaluation of the legislation and making necessary improvements for effective implementation</p> <p>Strategy 3: Strengthening the economic position of women and developing economic and social policies to combat informality, particularly unpaid family work.</p> <p>Strategy 6: Increasing studies on the participation of women requiring special policies into economic life</p>
National Rural Development Strategy (2021-2023)	<p>Priority 1.2 Diversification of the rural economy</p> <p>Priority 3.1 Development of physical infrastructure</p> <p>Priority 4.1 Development of human and social capital</p> <p>Priority 4.2 Strengthening poverty reduction efforts</p> <p>Priority 5.1 Increase the service delivery capacity of the public</p> <p>Priority 5.2 Strengthening initiatives for local and rural development</p>
Green Deal Action Plan 2021	<p>Target 5.4. Land consolidation activities</p>
National Strategy and Action Plan to Combat Desertification (2019-2030)	<p>Strategic Goal 1: Reduce, adapt and manage the effects of drought to increase the resilience of fragile populations and ecosystems</p> <p>405. Protection, effective use and management of agricultural lands will be ensured.</p> <p>406. Investments will be prioritized and maintained in order to expand irrigated areas, and efforts towards quality and quantity wise conservation and efficient use of water will be furthered.</p> <p>407. Plant production will be increased.</p> <p>408. Livestock farming will be developed.</p> <p>409. Production and exports will be increased in the aquaculture sector.</p> <p>412. In agricultural production, biodiversity in the field of local animal breed and seeds will be preserved and made sustainable.</p> <p>413. The contribution of forests to the economy will be increased through sustainable forest management.</p> <p>An early warning system that allows a healthy supply and yield forecasts for agricultural products will be established.</p>
Eleventh Development Plan (2019-2023)	<p>405. Protection, effective use and management of agricultural lands will be ensured.</p> <p>406. Investments will be prioritized and maintained in order to expand irrigated areas, and efforts towards quality and quantity wise conservation and efficient use of water will be furthered.</p> <p>407. Plant production will be increased.</p> <p>408. Livestock farming will be developed.</p> <p>409. Production and exports will be increased in the aquaculture sector.</p> <p>412. In agricultural production, biodiversity in the field of local animal breed and seeds will be preserved and made sustainable.</p> <p>413. The contribution of forests to the economy will be increased through sustainable forest management.</p> <p>An early warning system that allows a healthy supply and yield forecasts for agricultural products will be established.</p>
New Economy Program (2019-2021)	<p>An early warning system that allows a healthy supply and yield forecasts for agricultural products will be established.</p>
3rd Agriculture Forestry Council -Main Actions by 2024	<p>1. Establish a Digital Value Chain from Field to Fork</p> <p>5. Transition to a Region or Basin Based Management Model in the Area of Agriculture and Forestry</p> <p>6. Establishing the infrastructure to prevent food loss and waste</p> <p>8. Establishing 7 more heifer centers under the Breeding Heifer Production Center Project; consequently, increasing the total number to 32</p> <p>9. Building mass feeding houses and establishing a mulberry garden within the scope of Silkworm Production Basin Project</p> <p>11. Efficient use of meteorological information in every stage of production in agriculture and forestry</p> <p>12. Continuing to lease land to promote strategic production in foreign countries.</p> <p>14. Use of high technology and artificial intelligence applications in response to forest fires</p> <p>15. Diversification of non-wood forest products, afforestation of forest areas to increase added value and encouragement of agricultural forestry</p> <p>16. Establishing the necessary legal regulations in terms of fire safety in licensing of dwellings and workplaces in and around the forest</p> <p>17. Enhancing Cooperation among Public, Private Sector and University for R&D and Innovation</p> <p>18. Promoting informational projects for the exchange of experience and know-how</p> <p>21. Enforcing Water Law</p> <p>23. Using Soil and Water Resources within the Framework of Sustainable Management Principles</p> <p>25. To conduct fight against desertification and erosion effectively and efficiently</p> <p>27. Completing the identification and restraint studies of pastures, highlands and winter quarters</p> <p>30. Increasing Buffalo Number and Productivity</p> <p>34. Development and Expansion of Domestic and National Seed and Seedling Sectors</p> <p>35. Conservation, development and commercialization of local (Ata) seed varieties</p> <p>37. Thanks to promoting the production and use of organic and organomineral fertilizers, reducing the import of chemical fertilizers and environmental pollution, spreading the biological and biotechnical control methodologies</p> <p>41. Completing the national forest inventory</p> <p>46. Prioritization of new irrigation investments and rehabilitation projects</p> <p>A6. Conserve biodiversity and ensure its sustainable management</p> <p>A7. Develop institutional capacity</p>
Strategic Plan of Ministry of Agriculture and Forestry (2019-2023)	<p>A1. Raising welfare in rural areas, ensuring stable food supply by increasing yield and quality in agricultural production</p> <p>A5. Develop institutional capacity</p>
National Strategy and Action Plan to Combat Desertification (2019-2030)	<p>Strategic Goal 1: Improving the conditions of affected and likely to be affected ecosystems, combating desertification / land degradation, promoting sustainable land management and Contributing to Land Degradation Neutrality (LDN)</p> <p>Strategic Goal 2: Improving the living conditions of the affected and likely to be affected population</p> <p>Strategic Goal 3: Reduce, adapt and manage the effects of drought to increase the resilience of fragile populations and ecosystems</p> <p>Strategic Goal 4: Contributing to global benefits through the effective implementation of the UNCCD</p> <p>Strategic Goal 5: As the Turkey, mobilize the necessary financial / non-financial resources to support the implementation of the contract, leading the bilateral, regional and global cooperation, share with other parties for creating an effective partnership between national and international actors</p>
National Basin Management Strategy (2014-2023)	<p>Goal 1: Strengthening legal and institutional capacities for sustainable management of basins, ensure coordination and cooperation between institutions and stakeholders.</p> <p>Goal 2: Sustainable management and use of water resources of the basins.</p> <p>Goal 3: Prevention of destruction and erosion in basin areas and natural resources, rehabilitation and sustainable use of degraded catchment areas.</p> <p>Goal 4: To protect and manage the biological diversity, natural and cultural landscape resource values of the basins and to ensure the sustainability of ecosystem services.</p> <p>Goal 5: To raise awareness of the people living in the basins, to increase the quality of life and welfare, and to reduce the pressure on natural resources.</p> <p>Goal 6: Integration, development and activation of prevention and struggle mechanisms against natural disasters and their damages in basin management.</p> <p>Goal 7: To include the possible effects of climate change and adaptation to these effects, and to develop adaptation and combating mechanisms.</p>
ATS: Advance Equitable Livelihoods	
ATS: Build resilience to Vulnerabilities, Shocks & Stresses	

Climate Change Action Plan (2011-2023)	PURPOSE T1. Increase the sink capacity of the agriculture sector
	PURPOSE T2. Limitation of greenhouse gas emissions from agriculture sector
	PURPOSE T3. Develop information infrastructure and capacity in the agriculture sector
	PURPOSE D1. Increase the amount of carbon sequestered in forests
	PURPOSE D2. Reduce deforestation and forest decline
	PURPOSE D3. Limit the negative impact of land uses and changes such as forests, pastures, agriculture and settlements on climate change
	PURPOSE D4. Strengthen legal and institutional structure for combating climate change with regard to land use and forestry
	PURPOSE UT1. Integrating climate change adaptation into the agriculture and food security policies
	PURPOSE UT2. Developing and expanding R&D and scientific studies to identify the impacts of climate change on agriculture and to ensure adaptation to climate change
	PURPOSE UT3. Sustainable planning of water utilization in agriculture
	PURPOSE UT4. Protecting soil and agricultural biodiversity against the impacts of climate change
	PURPOSE UT5. Develop institutional capacity and inter-agency cooperation in Turkey on adaptation options in agriculture
	PURPOSE UO1. Integration of the climate change adaptation approach to ecosystem services, biodiversity and forestry policies
	PURPOSE UO2. Identifying and maintaining the impact of climate change on biodiversity and ecosystem services
	PURPOSE A1. Ensure Effective Waste Management
	PURPOSE US1. Integrating adaptation to the impacts of climate change into water resource management policies
	PURPOSE US2. Strengthening water resources management capacity, interagency cooperation and coordination with regard to adaptation to climate change
	PURPOSE US3. Develop and expand R&D and scientific studies to ensure adaptation to the impacts of climate change in water resources management
PURPOSE US4. Integrated management of water resources and water basins for adaptation to climate change	
PURPOSE US5. Planning renewable energy resources taking into consideration the impacts of climate change and the sustainability of the ecosystem services oriented to increase resilience to climate change	
PURPOSE UA1. Identify threats and risks for management of natural disasters caused by climate change	
PURPOSE UA2. Strengthening response mechanisms for natural disasters due to climate change	
National Rural Development Strategy (2021-2023)	PURPOSE 2.1 Ensure the sustainability of soil and water resources
National Drought Strategy and Action Plan (2017-2023)	Priority 3.4 Development of physical infrastructure
	Purpose 3/H.1.1 To develop legislation on drought management
	Purpose 3/H.1.2 To determine policy and to ensure national coordination and international cooperation regarding drought management
	Purpose 3/H.2.1 Conducting Research, Planning and Implementation Studies in Drought Management
	Purpose 3/H.2.2 To coordinate and prioritize the drought-related investments and activities carried out by the relevant institutions and organizations.
	Purpose 3/H.2.3 To create a "National Drought Database" based on Geographical Information System
Purpose 3/H.3.4 Developing Agricultural Product Yield Insurance System	
Purpose 3/H.3.1 Organizing trainings to inform the society.	
Green Deal Action Plan 2021	Purpose 6/H.4.1 To determine the possible effects of climate change on drought through scientific research and modeling studies
	Target 1.2 Continuing evaluation studies for a national carbon pricing mechanism
	Target 2.1. Development of green transformation of industry and circular economy in our country
	Target 2.3. Integrated pollution prevention and control studies within the scope of sustainable consumption and production
	Target 2.4. Integrate the sustainable use of water in production and consumption and improvement of the reuse of waste water
	Target 2.5. Sustainable Products Initiative harmonization studies
	Target 2.7. Reducing Endocrine Disrupting Chemicals
Target 5.1. Reducing the use of pesticides and anti-microbials	
Target 5.2. Improvement of organic agriculture	
Target 5.3. Reducing the use of chemical fertilizers	
National Water Plan 2019-2023	Target 7.2. Evaluation of the effects of climate change on terrestrial and marine areas and specific water resources through ecosystem-based approaches and practices
	3. Protection and improvement of Water Resources in terms of Quantity, Quality and Ecosystems
	4. Supply Demand Balance and Water Allocation
	5. Finance, Budget and Business
	7. Socio-Economic Analysis
	9. Water Safety