Lebanese Republic
Ministry of Agriculture

Food and Agriculture Organization of the United Nations

Lebanon National Agriculture Strategy (NAS) 2026-2035
Strategic Framework (January 29, 2026)

Vision:

To transform Lebanon's agriculture sector into a high-tech supported engine for sustainable socio-economic development (inclusive, equitable and resilient), contributing to safeguarding livelihoods and to ensuring food safety and security.

Guiding Principles:

- ***Recovery***: focus on restoring essential capacities, productive assets and agricultural infrastructure to secure livelihoods and agrifood systems.
- ***Resilience***: strengthen systems and institutions to withstand shocks, stresses and risks.
- ***Revitalization***: reinforce/ enhance natural resource base, social and economic systems for sustained and shared prosperity.

Enabler & Strategic Objectives:

1. ***Partnership and Governance:*** Enable an Effective Governance System to Implement the NAS
2. ***People***: Enhance the Farmers Capacities, Resilience and Productivity to Unlock the Sector's Full Potential
3. ***Planet:*** Strengthen the Sustainable Management and Use of the Sector's Natural Resource Base to Adapt to Climate Change
4. ***Prosperity:*** Optimize the Agriculture Value Chain Competitiveness for Market Access

Note:

Farmer refers to any individual engaged in the economic and/or livelihood activity of growing crops and producing other primary agricultural commodities such as poultry and livestock, fish and other seafood, as well as beekeepers, pastoralists, and those involved in agro-forestry

PS: defining who is considered to be a farmer in a legal text

Sub-Enablers & Sub-Objectives Overview:

Enabler: Enable an Effective Governance System to Implement the NAS
Sub-Enabler 0.1: Recapacitate the Ministry of Agriculture and Affiliated Bodies
Sub-Enabler 0.2: Improve Law Enforcement
Sub-Enabler 0.3: Strengthen Collaboration Frameworks and Partnerships
Sub-Enabler 0.4: Promote Research, Innovation and Development
Sub-Enabler 0.5: Enhance Monitoring, Knowledge Management and Preparedness

Strategic Objective 1: *Enhance the Farmers Capacities, Resilience and Productivity to Unlock the Sector's Full Potential*
Sub-Objective 1.1: Strengthen Social Protection Systems for Farmers and Agriculture Workers
Sub-Objective 1.2: Facilitate Agricultural Land Transactions Procedures
Sub-Objective 1.3: Improve Farmers' Access to Financing
Sub-Objective 1.4: Enhance Farmers' Access to Knowledge, Information and Technology
Sub-Objective 1.5: Support Youth & Women Engagement in the Agriculture Sector

Strategic Objective 2: Strengthen the Sustainable Management and Use of the Sector's Natural Resource Base to Adapt to Climate Change
Sub-Objective 2.1: Improve Access to Clean Water and Efficiency
Sub-Objective 2.2: Restore, Preserve and Optimize Sustainable Use of Agricultural Lands
Sub-Objective 2.3: Improve Forest and Rangeland Management
Sub-Objective 2.4: Promote Sustainable Livestock, Poultry, Fisheries & Aquaculture Sectors
Sub-Objective 2.5: Promote Circularity in the Agriculture Sector

Strategic Objective 3: Optimize the Agrifood Value Chain Competitiveness for Market Access
Sub-Objective 3.1: Improve Accessibility, Quality and Safety of Agricultural Inputs
Sub-Objective 3.2: Optimize High Value Production
Sub-Objective 3.3: Incentivize Agrifood Transformation
Sub-Objective 3.4: Enhance Logistics and Supply Chain Infrastructure
Sub-Objective 3.5: Facilitate Access to Local, Regional and International Markets

Enabler: Enable an Effective Governance System to Implement the NAS						
Initiative	**Indicator**	**Baseline**	**Priority**			**Responsibility[1]**
			2026-2027	**2028-2030**	**2031-2035**	
Sub-Enabler 0.1: Recapacitate the Ministry of Agriculture and Affiliated Bodies						
0.1.1 Restructuring of MoA[2] & affiliated bodies, with related skills development[3]			2			
0.1.2 Digital transformation of the MoA			1			
0.1.3 Complete the regulatory framework for the sector[4]			3			
Sub-Enabler 0.2: Improve Law Enforcement	***(To be implemented gradually in terms of priority)***					
0.2.1 Combat smuggling at the borders						
0.2.2 Strengthen agri-food inspection for consumer protection[5]						
0.2.3 Enhance investigation and prosecution of agri-crimes						
Sub-Enabler 0.3: Strengthen Collaboration Frameworks and Partnerships[6]						
0.3.1 Reactivate MoA-led councils and committees						
0.3.2 Strengthen public-private partnerships[7] and the SMEs culture						
0.3.3 Incentivize farmers' enrollment in registry & cooperatives			1			
Sub-Enabler 0.4: Promote Research, Innovation and Development						
0.4.1 Set up & lead a multi-stakeholder R&D program, incl. applied research				3		
0.4.2 Enhance the sector research infrastructure (stations, sensors, labs, etc.)				1		
0.4.3 Data management and information sharing system[8] .				2		
Sub-Enabler 0.5: Enhance Monitoring, Knowledge Management and Preparedness						
0.5.1 Regular monitoring of the agri-chain						
0.5.2 Disaster Risk Reduction, Preparedness, & Emergency Response in the Agri Sector [9]			1	1		

[1] Including lead and support + monitoring responsibilities
[2] Including a unit for strategic planning, coordination and monitoring (linking the Strategy to the budget of the MoA) , and strengthening Administrative Decentralization (e.g. transfer of specific planning and implementation powers to local levels (e.g., regional offices, municipalities), linked with capacity building and adequate resource provision)
[3] Including staff engagement and enhancing working environment (tools)
[4] E.g. Traceability System
[5] Including inspection of agricultural inputs, agri-food products, etc.
[6] With the overall objective of strengthening strategic coordination, knowledge transfer, and mobilization of financing and expertise
[7] To cover investment in infrastructure, value chain development, innovation, and services, supported by clear regulatory frameworks for transparency and accountability; including participation in relevant local & international forums
[8] Including a clear framework for data governance, protection, privacy, and access/use permissions, with related training
[9] Focusing on prevention, early warning systems, preparedness, and mitigation

Strategic Objective 1 Enhance the Farmers Capacities, Resilience and Productivity to Unlock the Sector's Full Potential						
Initiative	**Indicator**	**Baseline**	**Priority**			**Responsibility**
			2026-2027	**2028-2030**	**2031-2035**	
Sub-Objective 1.1: Strengthen Social Protection Systems for Farmers & Agriculture Workers						
1.1.1 Health insurance (NSSF)						
1.1.2 Agri risks insurance[10]						
1.1.3 Labor conditions (labor law)[11]						
Sub-Objective 1.2: Facilitate Agricultural Land Transactions Procedures (or Land Procedures and Access?)						
1.2.1 Land surveying, pooling & fragmentation						
1.2.2 Land tenure and transfer						
1.2.3 Lease contracts						
Sub-Objective 1.3: Improve Farmers' Access to Financing						
1.3.1 Access to agricultural finance[12]						
1.3.2 Contract farming – including needed regulations						
1.3.3 Farmer smart card[13] (linked to 1.4.3)						
Sub-Objective 1.4: Enhance Farmers' Access to Knowledge, Information and Technology						
1.4.1 Extension and advisory services[14]						
1.4.2 Additional learning programs[15] incl. technology & innovation						
1.4.3 Farmer smart card (linked to 1.3.3)			Priority but needs time			
Sub-Objective 1.5: Support Youth & Women Engagement[16] in the Agriculture Sector						
1.5.1 Integrated life skills at school level						
1.5.2 Vocational agricultural schools						
1.5.3 Promoting agri-entrepreneurship						

[10] Such as weather shocks, disasters…
[11] decent work conditions (minimum wages, working hours, child labor, people with disabilities) + awareness raising & training on Occupational Health & Safety reinforcement
[12] including micro-credits, as well as grants where feasible
[13] Linked to enrollment in farmers' registry
[14] Including climate smart agriculture (CSA), nature-based solutions (NbS) (integrated pest management, soil conservation practices, ecosystem preservation, …); pluralistic extension and advisory services with linkages between research bodies, academia and extension agents; vulgarization is key
[15] Such as agricultural approaches (agro-forestry, agro-ecology, regenerative agriculture; hydro-aquaponic urban; vertical…); high-tech agri…
[16] Real engagement

Strategic Objective 2: Strengthen the Sustainable Management and Use of the Sector's Natural Resource Base to Adapt to Climate Change						
Initiative	**Indicator**	**Baseline**	**Priority**			**Responsibility**
			2026-2027	**2028-2030**	**2031-2035**	
Sub-Objective 2.1: Improve Access to Clean Water and Efficiency						
2.1.1 Enhance rainwater capture[17]						
2.1.2 Pilot and upscale Other Nature-Based Solutions[18]						
2.1.3 Improve monitoring of groundwater use in the sector						
2.1.4 Promote climate-smart irrigation systems						
Sub-Objective 2.2: Restore, Preserve and Optimize Sustainable Use of Agricultural Lands						
2.2.1 Restoring agricultural lands[19]						
2.2.2 Preserving[20] & optimizing the sustainable use of agri lands[21]						
2.2.3 Soil conservation						
2.2.4 Agriculture suitability map[22]						
Sub-Objective 2.3: Improve Forest & Rangeland Management						
2.3.1 Sustainable forest & rangeland management[23] (including FLRM)						
2.3.2 Reforestation program						
2.3.3 Support agroforestry and agro-silvo-pastoralism						
Sub-Objective 2.4: Promote Sustainable Livestock, Poultry, Fisheries and Aquaculture Sectors						
2.4.1 Livestock health and productivity[24]						
2.4.2 Poultry health and productivity						
2.4.3 Fisheries and aquaculture health and productivity						
Sub-Objective 2.5: Promote Circularity in the Agriculture Sector						
2.5.1 Water conservation (e.g. use of treated wastewater in agriculture)						
2.5.2 Waste management (including manure recycling, biogas…)						
2.5.3 Promote the use of renewable energy in the sector						

[17] Hill lakes and irrigation canals; rainwater harvesting (green infrastructure); selected dams; …
[18] Such as flood retaining terraces; Managed Aquifer Recharge; Landscape-level watershed restoration; …
[19] Restoration from war, from the Syrian displaced crisis (informal tented settlements), other abandoned lands…
[20] Preserving from both urbanization and pollution
[21] SDATL; Strategic Masterplans; Watershed plans; … Includes virtual land consolidation
[22] Based on environmental, economic and cultural criteria
[23] Forest and rangeland restoration using native species and rotational grazing fire prevention with green firebreaks; FLRM: Forest and Landscape Restoration Mechanism
[24] Including nature-positive livestock management (e.g. mixed farming systems)

Strategic Objective 3: Optimize the Agriculture Value Chain Competitiveness for Market Access						
Initiative	**Indicator**	**Baseline**	**Priority**			**Responsibility**
			2026-2027	**2028-2030**	**2031-2035**	
Sub-Objective 3.1: Improve Accessibility, Quality and Safety of Agricultural Inputs						
3.1.1 Support quality management systems across the value chain – including a certification, traceability and phytosanitary system						
3.1.2 Support local production of inputs (fertilizers, pesticides and animal feed...)						
3.1.3 Organize the seeds, fertilizers and pesticides sector (including certification)						
Sub-Objective 3.2: Optimize High Value Production						
3.2.1 Support high-value production in line with food security and market needs[25]	(ref. 2.2.4)					
3.2.2 Certification and branding program for high-value crops						
Sub-Objective 3.3: Incentivize Agrifood Transformation						
3.3.1 Increase agri-food production[26] & enhance high value production processes						
3.3.2 Driving transformative changes to improve efficiency among VC actors						
3.3.3 Promoting circular economy for agri-food industries						
3.3.4 Facilitating access to finance and investments						
Sub-Objective 3.4: Enhance Logistics and Supply Chain Infrastructure (Or Upgrade & Organize Post Harvest Facilities & Existing Wholesale Markets? – 3.5?)						
3.4.1 Establish regional PPP agri-hubs[27]						
3.4.2 Establish and support export credit and insurance services						
3.4.3 Support complementary transport infrastructure[28]						
Sub-Objective 3.5: Facilitate Access to Local, Regional and International Markets						
3.5.1 Establish channels for promoting and marketing local products[29]						
3.5.2 Protection of Lebanon's agrifood production in line with trade agreements – revisited where needed [30]						
3.5.3 Promote agritourism & food heritage (incl. Protected Denomination of Origin)						

[25] Such as grapes; berries; olives; beekeeping; forest, aromatic, and medicinal plants; cannabis; …to be confirmed based on initiative 2.2.4
[26] Such as dairy products; honey; wine; medicinal and industrial products… (e.g., cooperative integration and consolidation)
[27] For collection, refrigeration, packaging, transport and distribution…
[28] Such as Arab Highway; Qlayaat Airport and Rayak Airport; ports…
[29] Includes digital platforms; exhibitions; local markets; …
[30] Includes facilitating export; scheduling import, as needed, with related requirements and customs… (e.g., real-time wholesale market prices)