

ANNEX

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Economic Development Pillar

Strategic Objectives for Economic Development to 2030

	Strategic Objectives
1	Stability of macroeconomic environment
2	Achievement of sustainable inclusive growth
3	Increasing competitiveness, diversification, and knowledge
4	Maximizing the value added
5	An active player in the global economy capable of adjusting to international developments
6	Creating decent and productive job opportunities
7	Increasing GDP per capita to reach the level of the high-middle income countries' GDP per capita
8	Integration of informal sector in the economy

Key Performance Indicators for Economic Development to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Real GDP growth rate (%)	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> All ministries and agencies Private sector 	
2	GDP per capita (USD)	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Private sector 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Health & Population Central bank of Egypt Ministry of Finance
3	Share of real GDP in real world GDP (%)	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Sectorial ministries 	<ul style="list-style-type: none"> Ministry of Investment Ministry of Finance Ministry of Planning, Monitoring & Administrative Reform Central bank of Egypt Private sector Ministry of Trade and Industry
4	Poverty headcount ratio at national poverty lines (%)	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Finance Service Ministries
5	Percentage of population below the extreme poverty line (%)	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Finance Service Ministries
6	Public debt to GDP ratio (%)	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Central Bank Of Egypt

No.	Indicator	Measurement Authority	Liabe Authority	Participant Authority
7	Budget deficit as percentage of GDP (%)	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform
8	Total reserves in months of good imports (months)	<ul style="list-style-type: none"> Central Bank Of Egypt 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Trade and Industry Private Sector
9	Inflation rate (%)	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Central Bank Of Egypt 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Supply and internal Trade Ministry of Trade and Industry
10	Unemployment rate (%)	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Private Sector 	<ul style="list-style-type: none"> Ministry of Investment Ministry of Finance Ministry of Manpower Ministry of Trade and Industry
11	Female labor force participation (%)	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Private Sector 	<ul style="list-style-type: none"> Ministry of Investment Ministry of Trade and Industry Ministry of Manpower
12	Total fertility Rate (children per women)	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Health and Population 	<ul style="list-style-type: none"> All Ministries Civil Society
13	Macroeconomic environment indicator (Rank)	<ul style="list-style-type: none"> World Economic Forum 	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Finance Central Bank of Egypt Sectorial Ministries Private Sector Ministry of Trade and Industry
14	Ease of doing business index (Rank)	<ul style="list-style-type: none"> World Bank 	<ul style="list-style-type: none"> Ministry of Investment 	<ul style="list-style-type: none"> Ministry of Trade and Industry Ministry of Investment Ministry of Finance Central Bank of Egypt

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
15	Global competitiveness index (Rank)	<ul style="list-style-type: none"> World Economic Forum 	<ul style="list-style-type: none"> Ministry of Investment Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Higher Education & Scientific Research Ministry of Training, Education & Technical Education Sectorial Ministries
16	Manufacturing growth rate (%)	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Federation of Egyptian Industries Private Sector
17	Manufacturing value added as percentage of GDP (%)	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Private Sector 	<ul style="list-style-type: none"> Ministry of Trade and Industry Ministry of Planning, Monitoring & Administrative Reform Ministry of Finance Ministry of Investment
18	Total trade (goods and services) as percentage of GDP (%)	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Private Sector 	<ul style="list-style-type: none"> Ministry of Trade and Industry Ministry of Planning, Monitoring & Administrative Reform Ministry of Finance Ministry of Investment
19	Current balance as percentage of GDP (%)	<ul style="list-style-type: none"> Central Bank of Egypt 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none">
20	Services share in GDP (%)	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Service Ministries Private Sector 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Finance Ministry of Investment
21	High-technology exports as percentage of Egyptian	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Exporters Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Investment

No.	Indicator	Measurement Authority	Liabe Authority	Participant Authority
	manufactured exports (%)			
22	Net foreign direct investment (Billion USD)	<ul style="list-style-type: none"> Central Bank of Egypt 	<ul style="list-style-type: none"> Private Sector 	<ul style="list-style-type: none"> Ministry of Investment
23	Ratio of private sector contribution to GDP (%)	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Trade and Industry Ministry of Finance Ministry of Investment 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Private Sector
24	Value of outsourcing services revenues	<ul style="list-style-type: none"> Ministry of Communication & Information Technology 	<ul style="list-style-type: none"> Private Sector 	<ul style="list-style-type: none"> Ministry of Communication & Information Technology Ministry of Investment
25	Income taxes (%)	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Private Sector
26	Value added tax (VAT) (%)	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Private Sector
27	Public investment at the local level (%)	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Local Development Municipalities
28	Investment rate (%)	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Private Sector
29	Efficiency of public investment management PIM	<ul style="list-style-type: none"> International Monetary Fund 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Finance
30	Value of Exports subsidies	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Trade and Industry

Suggested New Indicators

No.	Indicator	Measurement Authority	Liable Authority	Participant Authority
1	Ratio of informal sector contribution in the economy	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Central Agency for Public Mobilization and Statistics
2	Regional economic Growth	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> All Ministries and Agencies Private Sector 	<ul style="list-style-type: none"> Ministry of Local Development Municipalities

Economic Development Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
First: Public Projects and Programs			
1	Suez Canal Development Project	<ul style="list-style-type: none"> • General Economic Authority for the Development Suez Canal Zone 	<ul style="list-style-type: none"> • Suez Canal Authority • Private Sector • Concerned Ministries
2	The construction of the new administrative capital	<ul style="list-style-type: none"> • Ministry of Housing, Utilities & Urban Development 	<ul style="list-style-type: none"> • Private Sector
3	Four million acre development project	<ul style="list-style-type: none"> • Ministry of Agriculture & Reclamation • Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform. • Ministry of Housing, Utilities & Urban Development • Private Sector
4	Sinai Company for Investment and Development	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform. 	<ul style="list-style-type: none"> • Private Sector
5	North West Coast Development Project	<ul style="list-style-type: none"> • Ministry of Housing, Utilities & Urban Development 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Private Sector
6	"Golden Triangle" project for mineral resources in southern Egypt	<ul style="list-style-type: none"> • Ministry of Trade & Industry 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Private Sector
7	New Development Pillars	<ul style="list-style-type: none"> • Suez Canal Authority 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Ministry of Trade & Industry • General Authority for Import & Export Control • Foreign Trade Sector • General Authority for Industrial Development • Ministry of Communication & Information Technology

No.	Index	Responsible Authority	Supporting Authority
			<ul style="list-style-type: none"> • Ministry of Finance • Social Development Fund
8	30th of June Axis and the new Galala City	<ul style="list-style-type: none"> • Ministry of Housing, Utilities & Urban Development 	<ul style="list-style-type: none"> • Ministry of Transportation
9	Completion of underground phases (IV & V) project	<ul style="list-style-type: none"> • Ministry of Transportation 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform
10	Building one million housing units project within the framework of the social housing program	<ul style="list-style-type: none"> • Ministry of Housing, Utilities & Urban Development 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform
11	Legislative reform program to improve the investment climate	<ul style="list-style-type: none"> • Ministry of Investment • General Authority for Investment 	<ul style="list-style-type: none"> • Ministry of Justice • Central Bank of Egypt • Ministry of Finance • Ministry of Manpower
12	Curbing inflationary pressures for macroeconomic stability	<ul style="list-style-type: none"> • Ministry of Supply & Internal Trade • Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> • Ministry of Trade & Industry • Central Bank of Egypt • Ministry of Finance • Private Sector
13	Sovereign wealth fund "Amlak"	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> • All concerned Ministries and Authorities
14	Decent Work Program	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Ministry of Manpower 	<ul style="list-style-type: none"> • International Labor Organization • Industrial Council for Training-Ministry of Training, Education & Technical Education. • National Council for Disability Affairs • Ministry of Social Solidarity • Ministry of Justice • Ministry of Youth & Sports
15	Regional economic development program	<ul style="list-style-type: none"> • Ministry of Local Development • Ministry of Planning, 	<ul style="list-style-type: none"> • Sectorial Ministries • Private Sector

No.	Index	Responsible Authority	Supporting Authority
		Monitoring & Administrative Reform	<ul style="list-style-type: none"> • Governors • Ministry of Trade & Industry • Social Development Fund
16	"Trada" program	<ul style="list-style-type: none"> • Ministry of Trade & Industry • Ministry of Investment 	<ul style="list-style-type: none"> • General Authority for Investment • Financial Supervisory Authority • Ministry of Planning, Monitoring & Administrative Reform • Ministry of Finance • Ministry of Tourism • Ministry of Housing • Ministry of Transportation • Ministry of Agriculture & Land Reclamation • Ministry of Health & Population
17	Programs and projects to formalize the informal sector	<ul style="list-style-type: none"> • Ministry of Trade & Industry 	<ul style="list-style-type: none"> • Ministry of Finance • Private Sector • Civil society • Municipalities

Second: Programs and Projects at the Sectorial Level

Industry Sector

18	Industrial clusters for small and medium industries	<ul style="list-style-type: none"> • Ministry of Trade & Industry 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Ministry of Trade & Industry • General Authority for Industrial Development • Industry Modernization Centre • Social Development Fund • Ministry of Finance • Ministry of Housing, Utilities & Urban Development
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No.	Index	Responsible Authority	Supporting Authority
			<ul style="list-style-type: none"> • Private Sector
19	Leather City Project in "Al-Robeiky"	<ul style="list-style-type: none"> • Ministry of Trade & Industry (General Authority for Industrial Development) 	<ul style="list-style-type: none"> • Ministry of Finance • Private Sector
20	Establishment of the Furniture City in Damietta	<ul style="list-style-type: none"> • Ministry of Trade & Industry (General Authority for Industrial Development) 	<ul style="list-style-type: none"> • Ministry of Finance • Private Sector
21	Supporting the heavy industries	<ul style="list-style-type: none"> • Ministry of Trade & Industry 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • General Authority for Industrial Development • Social Development Fund • Ministry of Finance • Ministry of Housing, Utilities & Urban Development • Private Sector
22	The improvement and development of the industrial zones of the Suez Canal project	<ul style="list-style-type: none"> • Suez Canal Authority • Ministry of Trade & Industry (General Authority for Industrial Development) 	<ul style="list-style-type: none"> • Ministry of Finance • Private Sector
23	Industrial map project	<ul style="list-style-type: none"> • Ministry of Trade & Industry (General Authority for Industrial Development) 	<ul style="list-style-type: none"> • Sectorial Ministries
24	Establishing small projects in the field of mobile retail outlets	<ul style="list-style-type: none"> • Ministry of Supply & Internal Trade 	<ul style="list-style-type: none"> • Banking Sector • Social Fund for Development • Ministry of Trade & Industry • Industry Modernization center • Social Fund for Development
25	The ships-manufacturing strategy	<ul style="list-style-type: none"> • Ministry of Trade & Industry (General Authority for Industrial Development) • Suez Canal Authority • Ministry of Investment 	<ul style="list-style-type: none"> • Sectorial Ministries
26	Create clusters of agro-industries	<ul style="list-style-type: none"> • Ministry of Trade & Industry • Ministry of Agriculture & 	<ul style="list-style-type: none"> • Ministry of Water Resources & Irrigation

No.	Index	Responsible Authority	Supporting Authority
		Land Reclamation	<ul style="list-style-type: none"> Ministry of Investment Private sector
27	Development of golden triangle project	<ul style="list-style-type: none"> Ministry of Trade and Industry (Industrial Development Agency) 	<ul style="list-style-type: none"> Ministry of Petroleum Competent governorates
28	Achieve transformation in the mining industry sector to support the development and competitiveness of the private sector and promote job creation in Egypt	<ul style="list-style-type: none"> Industry Council for Technology & Innovation 	<ul style="list-style-type: none"> African Development Bank
29	The green economy program	<ul style="list-style-type: none"> Ministry of Trade & Industry 	<ul style="list-style-type: none"> Industry Modernization Center
Foreign Trade Sector			
30	The construction of the Egyptian Trade Network (Egytrader)	<ul style="list-style-type: none"> Ministry of Trade & Industry 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Transportation Central Bank of Egypt Ministry of Communication & Information Technology Ministry of Planning, Monitoring & Administrative Reform Private Sector
31	The green economy project as a tool to achieve sustainable development in Egypt	<ul style="list-style-type: none"> Foreign Trade & International Agreements Sectors 	<ul style="list-style-type: none"> Ministry of International Cooperation Ministry of Environment New & Renewable Energy Authority Private Sector
32	Trade and Domestic Market (TDMEP) Program	<ul style="list-style-type: none"> General Authority for Import & Export Control 	<ul style="list-style-type: none"> Egyptian Organization for Standards and Quality Control Foreign Trade Sector International Agreements Sector
ICT Sector			
33	Transformation of Egypt	<ul style="list-style-type: none"> Ministry of Communication & 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative

No.	Index	Responsible Authority	Supporting Authority
	into a global digital hub	Information Technology	Reform <ul style="list-style-type: none"> Ministry of Finance Private Sector
34	National project of high-speed Internet	<ul style="list-style-type: none"> Ministry of Communication & Information Technology 	<ul style="list-style-type: none"> Private Sector
35	Build a digital society to support and enhance the efficiency and transparency of all institutions	<ul style="list-style-type: none"> Ministry of Communication & Information Technology 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Trade & Industry CAPMAS Federation Of Egyptian Industries, Federation of Egyptian Chambers of Commerce Private Sector Ministry of Investment Ministry of Finance Ministry of Supply & Internal Trade Ministry of Transportation Central Bank of Egypt National Council for Disability Affairs
36	The establishment of technological areas	<ul style="list-style-type: none"> Ministry of Communication & Information Technology 	<ul style="list-style-type: none"> Ministry of Investment Private Sector Ministry of Trade & Industry (Industrial Council for Technology & Innovation)
37	The development of cloud computing	<ul style="list-style-type: none"> Ministry of Communication & Information Technology 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform
38	Development of information and communication technology industry	<ul style="list-style-type: none"> Ministry of Communication & Information Technology 	<ul style="list-style-type: none"> Private Sector
39	Electronic designing and manufacturing	<ul style="list-style-type: none"> Ministry of Communication & Information Technology 	<ul style="list-style-type: none"> Private Sector Ministry of Trade & Industry (Industrial Council for Technology & Innovation)

No.	Index	Responsible Authority	Supporting Authority
			<ul style="list-style-type: none"> • Social development Fund • Ministry of Higher Education & Scientific Research
40	Entrepreneurship development	<ul style="list-style-type: none"> • Ministry of Communication & Information Technology 	<ul style="list-style-type: none"> • Private Sector • Ministry of Higher Education & Scientific Research • Ministry of Planning, Monitoring & Administrative Reform • Ministry of Training & Education & Technical Education
Agriculture Sector			
41	Increase the agricultural area and support the agro-industrialization	<ul style="list-style-type: none"> • Ministry of Agriculture & Land Reclamation • Ministry of Trade & Industry 	<ul style="list-style-type: none"> • Ministry of Water Resources & Irrigation • Private sector • Ministry of Trade & Industry • General Authority for Industrial Development • Industry Modernization Centre • Social Development Fund •
42	Create assembling points and storage facilities for the strategic goods	<ul style="list-style-type: none"> • Ministry of Agriculture & Land Reclamation • Ministry of Trade & Industry 	<ul style="list-style-type: none"> • Ministry of Finance • Private Sector • Ministry of Trade and Industry • Ministry of Finance • Ministry of Housing, utilities and Urban Communities • Governors and the Private Sector
43	Development of aquaculture projects	<ul style="list-style-type: none"> • Ministry of Agriculture & Land Reclamation 	<ul style="list-style-type: none"> • Farmers undertaking Fish Farming • Ministry of Agriculture & Land Reclamation • Ministry of Water Resources & Irrigation

No.	Index	Responsible Authority	Supporting Authority
44	Establishing a “center for modernization of agriculture”	<ul style="list-style-type: none"> Ministry of Agriculture & Land Reclamation 	<ul style="list-style-type: none"> Private Sector Ministry of Finance
45	National Program for the Development of livestock, poultry and fish resources	<ul style="list-style-type: none"> Ministry of Agriculture & Land Reclamation 	<ul style="list-style-type: none"> Private Sector Ministry of Finance
Water and Irrigation Sector			
46	Establishment of new communities to achieve inclusive development	<ul style="list-style-type: none"> Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> Ministry of Housing, Utilities & Urban Development Ministry of Planning, Monitoring & Administrative Reform Private Sector
47	Rationalization of water use	<ul style="list-style-type: none"> Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> All Ministries Ministry of Planning, Monitoring & Administrative Reform Private Sector Civil Society
478	Strengthening and rehabilitation of main enterprises and lift stations	<ul style="list-style-type: none"> Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> Ministry of Housing, Utilities & Urban Development Ministry of Planning, Monitoring & Administrative Reform Municipalities
49	Addressing climate change and coast and facilities protection	<ul style="list-style-type: none"> Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> Ministry of Environment Ministry of Planning, Monitoring & Administrative Reform
50	Water resources development	<ul style="list-style-type: none"> Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> Ministry of Agriculture & Land Reclamation Ministry of Environment Ministry of Planning, Monitoring & Administrative Reform
51	Improving water quality	<ul style="list-style-type: none"> Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> Ministry of Environment Ministry of Planning, Monitoring & Administrative

No.	Index	Responsible Authority	Supporting Authority
			Reform <ul style="list-style-type: none"> • Civil Society • Municipalities
52	Expansion of the sustainable development programs for the Nubian sandstone and brackish water reservoir	<ul style="list-style-type: none"> • Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> • Ministry of Housing, Utilities & Urban Development • Ministry of Planning, Monitoring & Administrative Reform
53	Development of groundwater and combating violations	<ul style="list-style-type: none"> • Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform
54	Covered drainage networks development program	<ul style="list-style-type: none"> • Ministry of Water Resources & Irrigation 	<ul style="list-style-type: none"> • Ministry of Housing, Utilities & Urban Development • Ministry of Planning, Monitoring & Administrative Reform
Tourism Sector			
55	Development of the Pyramids area	<ul style="list-style-type: none"> • Ministry of Tourism 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Giza Governorate • Ministry of Housing, Utilities & Urban Development • Ministry of Transportation • Private Sector • National Council for Disability Affairs
56	Create Resorts taking into account the environmental quality in Western Desert	<ul style="list-style-type: none"> • Ministry of Tourism 	<ul style="list-style-type: none"> • Ministry of Transportation • Ministry of Civil Aviation • Ministry of Local Development • Ministry of Environment • Private Sector
57	The establishment of archaeological museums in the cities of Sharm el-Sheikh and Hurghada	<ul style="list-style-type: none"> • Ministry of Tourism 	<ul style="list-style-type: none"> • Ministry of Antiques • Ministry of Culture • Ministry of Communication &

No.	Index	Responsible Authority	Supporting Authority
			Information Technology • Private Sector
58	Creation of healthy eco-friendly resorts	• Ministry of Tourism (Green Tourism Unit)	• Ministry of Transportation • Ministry of Environment • Private Sector
59	Encouraging the transformation of the tourism sector to a green economy program	• Ministry of Tourism (Green Tourism Unit)	• Ministry of Transportation • Ministry of Environment • Private Sector
60	Create racetrack and Yards for sporting Championships	• Ministry of Tourism	• Ministry of Housing, Utilities & Urban Development • Ministry of Youth & Sport • Private Sector
61	Review and application of sustainable regulations	• Ministry of Tourism (Green Tourism Unit)	• Ministry of Interior Affairs • Ministry of Environment • Private Sector
62	Establish tourist and residential clusters in the North Coast	• Ministry of Tourism • Tourism Development Agency	• Ministry of Transportation • Ministry of Housing, Utilities & Urban Development • Private Sector
63	Application of the refund value-added tax system to increase expenditure on shopping	• Tax Authority	• Ministry of Finance • Ministry of Tourism • Chambers of Commerce
64	Adopt open sky policy	• Ministry of Civil Aviation	• Ministry of Tourism • Ministry of Finance • Private Sector
65	The establishment of training centers according to the international standards	• Ministry of Tourism	• Ministry of Higher Education & Scientific Research • Ministry of Training & Education & Technical Education • Private Sector • Junior Business Associations

No.	Index	Responsible Authority	Supporting Authority
66	Legislative and legal development	<ul style="list-style-type: none"> Ministry of Tourism 	<ul style="list-style-type: none"> Ministry of Investment Ministry of Justice
Supply and Internal Trade Sector			
67	Establishment of global logistics center for trading and manufacturing grain and foodstuffs in Damietta project	<ul style="list-style-type: none"> Ministry of Supply & Internal Trade 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Defense
68	Development of the holding company for food industries subsidiaries	<ul style="list-style-type: none"> Ministry of Supply & Internal Trade 	<ul style="list-style-type: none"> Ministry of Trade & Industry Ministry of Planning, Monitoring & Administrative Reform
69	Developed garner projects	<ul style="list-style-type: none"> Ministry of Supply & Internal Trade 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Agriculture & Land Reclamation
70	Silos Projects	<ul style="list-style-type: none"> Ministry of Supply & Internal Trade 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform
71	Building network for markets monitoring and early warning	<ul style="list-style-type: none"> Ministry of Supply & Internal Trade 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Training & Education & Technical Education
72	Development of partnership between the public and private sectors in the internal trade sector	<ul style="list-style-type: none"> Internal Trade Development Agency (Ministry of Supply & Internal Trade) 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Finance Ministry of Housing, Utilities & Urban Development Private Sector
Housing, Utilities and Urban Communities			
73	Reforming the institutional environment in the housing sector	<ul style="list-style-type: none"> Ministry of Housing, Utilities & Urban Development 	<ul style="list-style-type: none"> New Urban Communities Authority Ministry of Investment

No.	Index	Responsible Authority	Supporting Authority
			<ul style="list-style-type: none"> • Private Sector • National Council for Disabilities Affairs
74	Create a new generation of new cities on the developmental national roads	<ul style="list-style-type: none"> • Ministry of Housing, Utilities & Urban Development 	<ul style="list-style-type: none"> • New Urban Communities Authority • Ministry of Investment • Private Sector
Transportation Sector			
75	Development and extension of the road network for development purposes	<ul style="list-style-type: none"> • Ministry of Transportation 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Ministry of Finance
76	Egypt railway development	<ul style="list-style-type: none"> • Ministry of Transportation 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Ministry of Finance
77	Development of maritime transport sector	<ul style="list-style-type: none"> • Ministry of Transportation 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Ministry of Finance
78	River transport sector development	<ul style="list-style-type: none"> • Ministry of Transportation 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring & Administrative Reform • Ministry of Finance

Execution Phases of the Economic Development Programs to 2030

First Phase 2016–2020	
Second Phase 2021–2025	<ul style="list-style-type: none"> • Suez Canal Development Project • The construction of the new administrative capital • Four million acre development project • Sinai Company for Investment and Development • North West Coast Development Project • "Golden Triangle" project for mineral resources in southern Egypt • 30th of June Axis and the new Glalala City • Completion of underground phases (IV & V) project • Building one million housing units project within the framework of the social housing program • Regional economic development program • Industrial clusters for small and medium industries • Leather City Project in "Al-Robeiky" • Supporting the heavy industries • The improvement and development of the industrial zones of the Suez Canal project • Establishing small projects in the field of mobile retail outlets • The green economy project as a tool to achieve sustainable development in Egypt • Transformation of Egypt into a global digital hub • The development of cloud computing • Development of information and communication technology industry • Electronic designing and manufacturing • Entrepreneurship development • Increase the agricultural area and support the agro-industrialization • Development of aquaculture projects • National Program for the Development of livestock, poultry and fish resources • Establishment of new communities to achieve inclusive development • Rationalization of water use • Addressing climate change and coast and facilities protection • Water resources development

**Third Phase
2026–2030**

- Improving water quality
- Development of groundwater and combating violations
- Encouraging the transformation of the tourism sector to a green economy program
- Adopt open sky policy
- Establishment of global logistics center for trading and manufacturing grain and foodstuffs in Damietta project
- Development of partnership between the public and private sectors in the internal trade sector
- Create a new generation of new cities on the developmental national roads
- Development and extension of the road network for development purposes
- Egypt railway development
- Development of maritime transport sector
- River transport sector development

- Suez Canal Development Project
- The construction of the new administrative capital
- Four million acre development project
- North West Coast Development Project
- Industrial clusters for small and medium industries
- Establishing small projects in the field of mobile retail outlets
- The green economy project as a tool to achieve sustainable development in Egypt
- Development of information and communication technology industry
- Electronic designing and manufacturing
- Entrepreneurship development
- Increase the agricultural area and support the agro-industrialization
- Development of aquaculture projects
- National Program for the Development of livestock, poultry and fish resources
- Establishment of new communities to achieve inclusive development
- Rationalization of water use
- Addressing climate change and coast and facilities protection
- Water resources development
- Improving water quality
- Development of groundwater and combating violations
- Encouraging the transformation of the tourism sector to a green

economy program

- Create a new generation of new cities on the developmental national roads
- Development and extension of the road network for development purposes
- Egypt railway development
- Development of maritime transport sector
- River transport sector development

Energy Pillar

Strategic Objectives for Energy to 2030

	Strategic Objectives
1	Ensuring energy security
2	Increasing the contribution of energy sector to the GDP
3	Maximizing utilization of domestic energy resources
4	Enhancing rational and sustainable management of the sector
5	Reducing the intensity of energy consumption
6	Limiting the environmental impact of the sector's emissions

Key Performance Indicators for Energy to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Ratio of primary energy supply to the total planned energy consumption	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth Ministry of Electricity and Renewable Energy 	<ul style="list-style-type: none"> Supreme Council of Energy 	<ul style="list-style-type: none"> Ministry of Electricity and Renewable Energy
2	Average duration of outages	<ul style="list-style-type: none"> Ministry of Electricity and Renewable Energy 	<ul style="list-style-type: none"> Holding Company for Electricity 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy. Electricity Regulation and Consumer Protection Authority.
3	Percentage change in energy intensity	<ul style="list-style-type: none"> Supreme Council of Energy 	<ul style="list-style-type: none"> Energy Planning Authority 	<ul style="list-style-type: none"> Ministry of Electricity and Renewable Energy. Ministry of Petroleum and Mineral Wealth. Ministry of Trade and Industry. Demand Sectors.
4	Contribution of energy sector to GDP	<ul style="list-style-type: none"> Energy Planning Authority, Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy. 	<ul style="list-style-type: none"> Electricity Regulation and Consumer Protection Authority.
5	Percentage decline in greenhouse gas emissions from the energy sector Emissions from the Energy Sector	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy. 	<ul style="list-style-type: none"> Ministry of Environment. Ministry of Trade and Industry.
6	Crude oil reserves	<ul style="list-style-type: none"> Supreme Committee of Petroleum Wealth 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth 	<ul style="list-style-type: none"> General Petroleum Corporation. Holding Company for Natural Gas – EGAS. Holding Company for

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
				South Valley Petroleum – GANOPE.
7	Natural gas reserves	<ul style="list-style-type: none"> Supreme Committee of Petroleum Wealth 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth 	<ul style="list-style-type: none"> Holding Company for Natural Gas – EGAS
8	Efficiency of electricity production	<ul style="list-style-type: none"> Electricity Regulation and Consumer Protection Authority 	<ul style="list-style-type: none"> Holding Company for Electricity 	<ul style="list-style-type: none"> Ministry of Electricity and Renewable Energy
9	Efficiency of electricity transmission and distribution	<ul style="list-style-type: none"> Electricity Regulation and Consumer Protection Authority 	<ul style="list-style-type: none"> Holding Company for Electricity 	<ul style="list-style-type: none"> Ministry of Electricity and Renewable Energy. * Electricity Regulation and Consumer Protection Authority.
10	Percentage of residential, commercial and industrial buildings connected to electricity	<ul style="list-style-type: none"> Electricity Regulation and Consumer Protection Authority 	<ul style="list-style-type: none"> Transport Companies. Holding Company for Electricity. 	<ul style="list-style-type: none"> Ministry of Electricity and Renewable Energy. Ministry of Trade and Industry.
11	Percentage of primary fuel mix	<ul style="list-style-type: none"> Energy Planning Authority 	<ul style="list-style-type: none"> Supreme Council of Energy 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy.
12	Percentage of fuel mix for electricity production	<ul style="list-style-type: none"> Supreme Council of Energy. Energy Planning Authority. 	<ul style="list-style-type: none"> Ministry of Electricity and Renewable Energy 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy.
13	Value of fuel subsidy	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy. 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Internal Trade and Supply.

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Efficiency of transportation and distribution of petroleum products	<ul style="list-style-type: none"> Supreme Council of Energy 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. 	<ul style="list-style-type: none"> Holding Company for Natural Gas – EGAS.

Energy Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
1	Developing an integrated medium and long-term energy strategy	<ul style="list-style-type: none"> Supreme Council of Energy. Energy Planning Authority. 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy. Ministry of Trade and Industry. The Concerned Authorities in the Sector: (General Petroleum Corporation, Holding Company for Electricity, etc.).
2	Restructuring of the energy sector	<ul style="list-style-type: none"> Supreme Council of Energy 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy. EGAS, EGPC, EEHC.
3	Reforming the current legislative framework	<ul style="list-style-type: none"> Supreme Council of Energy 	<ul style="list-style-type: none"> Energy Planning Authority. Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy. Energy Information Centre. New and Renewable Energy Authority. Ministry of Justice. Ministries of Education, Technical Education Ministry of Higher Education & Scientific Research.

No.	Index	Responsible Authority	Supporting Authority
4	Management of energy subsidy	<ul style="list-style-type: none"> Supreme Council of Energy 	<ul style="list-style-type: none"> General Petroleum Corporation. Holding Company for Electricity Ministry of Finance. EGAS, ECHEM, GANOPE.
5	Developing the energy sector's infrastructure	<ul style="list-style-type: none"> Energy Planning Authority 	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy.
6	Promoting innovation in energy sector	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy. 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research. Ministry of Environment Ministry of Trade & Industry
7	Applying environmental standards and accurate measurements	<ul style="list-style-type: none"> Unified Regulatory Facility 	<ul style="list-style-type: none"> Ministry of Environment Ministry of Trade & Industry
8	Skills development	<ul style="list-style-type: none"> Ministry of Petroleum and Mineral Wealth. Ministry of Electricity and Renewable Energy. 	<ul style="list-style-type: none"> New and Renewable Energy Authority. Atomic Energy Commission. Ministry of Justice. Ministry of Higher Education and Scientific Research. Ministry of Education and Technical Education.
9	Establishing the nuclear station in Dab'aa	<ul style="list-style-type: none"> Ministry of Electricity and Renewable Energy 	<ul style="list-style-type: none"> New and Renewable Energy Authority. Atomic Energy Commission

Execution Phases of the Energy Programs to 2030

First Phase 2016–2020	<ul style="list-style-type: none">• Developing an integrated medium and long-term energy strategy• Restructuring of the energy sector• Reforming the current legislative framework• Management of energy subsidy• Developing the energy sector's infrastructure• Promoting innovation in energy sector• Skills development• Establishing the nuclear station in Dab'aa
Second Phase 2021–2025	<ul style="list-style-type: none">• Restructuring of the energy sector• Developing the energy sector's infrastructure• Promoting innovation in energy sector• Applying environmental standards and accurate measurements• Skills development• Establishing the nuclear station in Dab'aa
Third Phase 2026–2030	<ul style="list-style-type: none">• Restructuring of the energy sector• Developing the energy sector's infrastructure• Establishing the nuclear station in Dab'aa

Knowledge, Innovation and Scientific Research Pillar

Strategic Objectives for Knowledge, Innovation and Scientific Research to 2030

SN	Strategic Objectives
1	Creation of a stimulating environment for the localization and production of knowledge
2	Activation and development of an integrated national innovation system
3	Linking the knowledge applications and the innovation outputs with priorities

Key Performance Indicators for Knowledge, Innovation and Scientific Research to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> The Cabinet 	<ul style="list-style-type: none"> All Ministries. The Civil Society. The Private Sector.
2	Innovation efficiency ratio	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> The Cabinet 	<ul style="list-style-type: none"> All Ministries. The Private Sector.
3	Companies innovation capacity index (rank)	<ul style="list-style-type: none"> World Economic Forum (WEF) 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Investment. The Private Sector.
4	Knowledge impact sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Communications and Information Technology Ministry of Social Solidarity. Ministry of Investment. The Private Sector.
5	Knowledge transfer sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research. Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Communications and Information Technology Ministry of Investment The Private Sector
6	Innovative products and services sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Culture. Radio and Television Union. Ministry of Investment. The Private Channels. 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Trade and Industry Ministry of Foreign Affairs. Ministry of International

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
				Cooperation. <ul style="list-style-type: none"> The Private Sector.
7	Information and communications technology sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Communications and Information Technology 	<ul style="list-style-type: none"> The Private Sector.
8	Public infrastructure sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> The Cabinet 	<ul style="list-style-type: none"> All Ministries. The Parliament.
9	Environmental sustainability sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Trade and Industry Ministry of Environment. Ministry of Electricity and Renewable Energy. 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Investment. The Civil Society. The Private Sector.
10	Knowledge contribution sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research 	<ul style="list-style-type: none"> Ministry of Trade and Industry Ministry of Investment. The Private Sector.
11	Intangible assets sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research. Ministry of Trade and Industry. 	<ul style="list-style-type: none"> Ministry of Communications and Information Technology. Ministry of Social Solidarity. The Private Sector.
12	Digital creativity sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Communications and Information Technology 	<ul style="list-style-type: none"> Ministry of Education and Technical Education. Ministry of Higher Education and Scientific Research. Ministry of Social Solidarity. Ministry of Trade and Industry

No.	Indicator	Measurement Authority	Liabe Authority	Participant Authority
				<ul style="list-style-type: none"> • Ministry of Investment. • The Private Sector.
13	Innovation linkages sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> • World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> • Ministry of Higher Education and Scientific Research. • Ministry of Trade and Industry 	<ul style="list-style-type: none"> • Ministry of Investment. • The Private Sector.
14	Quality of scientific research institutions index (rank)	<ul style="list-style-type: none"> • World Economic Forum (WEF) 	<ul style="list-style-type: none"> • Ministry of Higher Education and Scientific Research 	<ul style="list-style-type: none"> • The Universities. • The Civil society.
15	Credit facilities sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> • World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> • Ministry of Investment 	<ul style="list-style-type: none"> • Ministry of Social Solidarity. • Ministry of Trade and Industry • Private Sector.
16	Investment sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> • World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> • Ministry of Investment 	<ul style="list-style-type: none"> • Ministry of Trade and Industry • The Private Sector.
17	Trade and competition sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> • World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> • Ministry of Investment 	<ul style="list-style-type: none"> • Ministry of Trade and Industry • Private Sector.
18	Legislative environment sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> • World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> • Ministry of Planning, monitoring and Administrative Reform 	<ul style="list-style-type: none"> • All Ministries. • The Parliament.
19	Business environment sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> • World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> • Ministry of Investment 	<ul style="list-style-type: none"> • All Ministries. • The Parliament.
20	Education sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> • World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> • Ministry of Education and Technical Education 	<ul style="list-style-type: none"> • Ministry of Higher Education and Scientific Research • The Civil society

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
21	Higher education sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research 	<ul style="list-style-type: none"> The Universities. The Civil society. The Private sector.
22	Research and development sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research 	<ul style="list-style-type: none"> The Civil society. The Universities.
23	Knowledge absorption sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Investment. Ministry of Foreign Affairs. Ministry of International Cooperation. The Private Sector.
24	Knowledge workers sub-index of the global innovation index (rank)	<ul style="list-style-type: none"> World Intellectual Property Organization (WIPO) 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Education and Technical Education. Ministry of Higher Education and Scientific Research. Ministry of Investment. The Private Sector.

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Ratio of knowledge economy contribution to GDP	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> The cabinet 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Trade and Industry. Ministry of Investment. The Civil Society. The Private Sector.
2	Social return on investment in innovation	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> The cabinet 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Trade and Industry. Ministry of Investment. The Private Sector.
3	Ratio of local content to gross national manufacturing	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Investment. The Private Sector.
4	Sectorial Ratio for local component to gross national manufacturing	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Investment.
5	Number of small and medium companies contracting with government	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Investment. The Private Sector.
6	Number of international awards in the innovation field	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry. Ministry of Higher Education and Scientific Research. 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Investment. The Private Sector.
7	Number of newly founded companies in each sector	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Investment

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
8	Ratio of Companies Practicing Innovation and R&D for Each Sector	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research
9	Number of patents per sector	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research
10	Ratio of sectorial budgets expenditure on innovation, research and development	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Investment
11	Ratio of companies contribution to total sectorial expenditure on innovation and R&D	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry 	<ul style="list-style-type: none"> Ministry of Investment
12	Ratio of international funding for innovation, research and development to the total funding	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Investment 	<ul style="list-style-type: none"> Ministry of Trade and Industry. Ministry of Higher Education and Scientific Research. Ministry of International Cooperation
13	Ratio of foreign funding to small and medium companies	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Trade and Industry. Ministry of Investment 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Foreign Affairs. Ministry of International Cooperation. The Private Sector.

Innovation, Knowledge and Scientific Research Programs and Projects to 2030

No.	Program	Responsible Authority	Supporting Authority
1	Carrying out legal reform related to knowledge and innovation.	<ul style="list-style-type: none"> The cabinet 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research. Ministry of Trade and Industry. Ministry of Investment. Ministry of Finance. Ministry of Planning, monitoring and Administrative Reform. Ministry of Local Development. Ministry of Communications and Information Technology. Ministry of Justice. Federation of Egyptian Industries. Industrial Modernization Center.
2	Developing and Restructuring the Knowledge and Innovation System	<ul style="list-style-type: none"> Ministry of Planning, monitoring and Administrative Reform 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research. Ministry of Education and Technical Education. Ministry of Local Development. Ministry of Trade and Industry. Ministry of Investment. Ministry of Communications and Information Technology. Ministry of Finance. Ministry of Justice.
3	Adopting a comprehensive program to promote innovation and knowledge culture.	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research. Ministry of Education and Technical Education. Ministry of Investment (private channels). Radio and Television Union. 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research. Ministry of Trade and Industry. Ministry of Youth and Sport. Ministry of Local Development.

No.	Program	Responsible Authority	Supporting Authority
4	Developing a comprehensive program to stimulate innovation activities by SMEs	<ul style="list-style-type: none"> Ministry of Trade and Industry. Ministry of Investment. 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and Administrative Reform. Ministry of Finance. Ministry of Local Development. Federation of Egyptian Industries. Industrial Modernization Center.
5	Activating public private partnership to support and stimulate innovation.	<ul style="list-style-type: none"> Ministry of Trade and Industry. Ministry of Investment. Ministry of Higher Education and Scientific Research. 	<ul style="list-style-type: none"> Ministry of Finance. Federation of Egyptian Industries. Industrial Modernization Center.

Execution Phases of Innovation, Knowledge and Scientific Research Programs to 2030

First Phase 2016–2020	<ul style="list-style-type: none"> Carrying out legal reform related to knowledge and innovation. Developing and restructuring the knowledge and Innovation system. Adopting a comprehensive program to promote innovation and knowledge culture. Activating public private partnership to support and stimulate innovation.
Second Phase 2021–2025	<ul style="list-style-type: none"> Developing and Restructuring the Knowledge and Innovation System. Adopting a comprehensive program to promote innovation and knowledge culture. Developing a comprehensive program to stimulate innovation activities by SMEs.
Third Phase 2026–2030	<ul style="list-style-type: none"> Developing and Restructuring the Knowledge and Innovation System. Adopting a comprehensive program to promote innovation and knowledge culture.

Transparency and Efficiency of Government Institutions Pillar

Strategic Objectives for Transparency and Efficiency of Government Institutions to 2030

	Strategic Objectives
1	Establish an administrative body that is efficient, effective and in alignment with local and global changes
2	Provide high-quality services that apply modern techniques
3	Transparent system that interacts with citizens, responds to their demands, and is subject to social accountability

Key Performance Indicators for Transparency and Efficiency of Government Institutions to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Government efficiency	<ul style="list-style-type: none"> World Bank 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Parliament Presidency of the Council of Ministers. Central Auditing Organization Local Councils
2	The number of citizens per government employee (score) (0 worst-100 best)	<ul style="list-style-type: none"> Central Agency for Organization and Management 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform
3	Share of funds allocated to training of government employees as a percentage of wage bill	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform

No.	Indicator	Measurement Authority	Liabe Authority	Participant Authority
4	Ease of doing business	<ul style="list-style-type: none"> World Bank 	<ul style="list-style-type: none"> Ministry of Investment 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Ministry of Trade and Industry Federation of Egyptian Industries Federation of Chambers of Commerce
5	Open government	<ul style="list-style-type: none"> The World Justice Project 	<ul style="list-style-type: none"> Presidency of the Council of Ministers. 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform
6	Regulatory enforcement	<ul style="list-style-type: none"> The World Justice Project 	<ul style="list-style-type: none"> Presidency of the Council of Ministers. 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform
7	Transparency in policy-making (score) (0 worst-100 best)	<ul style="list-style-type: none"> World Economic Forum 	<ul style="list-style-type: none"> Presidency of the Council of Ministers. 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform
8	Anti-corruption	<ul style="list-style-type: none"> World Bank 	<ul style="list-style-type: none"> National Coordinating committee for combating Corruption 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Central Auditing Organization Administrative Control Authority
9	Favoritism in government decision making process	<ul style="list-style-type: none"> World Economic Forum 	<ul style="list-style-type: none"> National Coordinating committee for combating Corruption 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Central Auditing Organization Administrative Control Authority
10	Irregular payments and bribes	<ul style="list-style-type: none"> World Economic Forum 	<ul style="list-style-type: none"> National Coordinating committee for combating Corruption 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform Central Auditing Organization Administrative Control Authority

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Percentage of government services provided electronically from total government services	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform CAPMAS 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Communication & Information Technology. Ministry of Finance.
2	Percentage of Electronic transactions from total transactions	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform CAPMAS 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Ministry of Communication & Information Technology. Ministry of Finance
3	The level of citizens' satisfaction towards the government services	<ul style="list-style-type: none"> Egyptian Government Service Portal CAPMAS 	<ul style="list-style-type: none"> Presidency of the Council of Ministers 	<ul style="list-style-type: none"> . All service Ministries

Transparency and Efficiency of Government Institution Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
1	Improving the public management system	<ul style="list-style-type: none"> Presidency of the Council of Ministers. 	<ul style="list-style-type: none"> Presidency of the Republic Ministry of Electricity and Renewable Energy. Ministry of Planning, Monitoring & Administrative Reform
2	Improving the Planning and monitoring System	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Presidency of the Council of Ministers. Ministry of Finance
3	Developing the communication mechanisms between the government and citizens	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> All Ministries
4	Improving the Human Resources Management System	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> All Ministries

No.	Index	Responsible Authority	Supporting Authority
5	Updating the legislative structure.	<ul style="list-style-type: none"> Ministry of Justice 	<ul style="list-style-type: none"> Presidency of the Council of Ministers. Ministry of Finance
6	Improving the basic infrastructure of public administration	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Presidency of the Council of Ministers. Ministry of Finance
7	Updating the information database of public administration	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> Presidency of the Republic Ministry of Communication & Information Technology
8	Developing the human resources of public administration	<ul style="list-style-type: none"> Ministry of Planning, Monitoring & Administrative Reform 	<ul style="list-style-type: none"> All Ministries
9	Improving government services provided to citizens	<ul style="list-style-type: none"> Presidency of the Council of Ministers. 	<ul style="list-style-type: none"> All Ministries
10	Combating corruption in agencies	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Presidency of the Council of Ministers.

Execution Phases of the Transparency and Efficiency of Government Institutions Programs to 2030

First Phase 2016–2020	<ul style="list-style-type: none"> Improving the public management system Improving the planning and monitoring system Developing communication mechanisms between the government and citizens Improving the Human Resources Management System Updating the legislative structure Improving the basic infrastructure of public administration Updating the information database of public administration Developing the human resources of public administration Improving government services provided to citizens Combating corruption in agencies
Second Phase 2021–2025	<ul style="list-style-type: none"> Improving the planning and monitoring system Improving the Human Resources Management System

	<ul style="list-style-type: none">• Combating corruption in agencies
Third Phase 2026–2030	<ul style="list-style-type: none">• Improving the planning and monitoring system

Social Justice Pillar

Strategic Objectives for Social Justice to 2030

	Strategic Objectives
1	Enhancing social inclusion and limiting negative exclusion
2	Achieving equal rights and opportunities
3	Providing protection for the neediest groups

Key Performance Indicators for Social Justice to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Geographical gap in human development index	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Health and Population 	<ul style="list-style-type: none"> Ministry of Social Solidarity. Ministry of Local Development. The Civil society.
2	GDP per capita (USD)	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> The cabinet 	<ul style="list-style-type: none"> All ministries.
3	Income and consumption distribution index	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> The cabinet 	<ul style="list-style-type: none"> All ministries
4	International rank of the gender gap index	<ul style="list-style-type: none"> World Economic Forum 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> Ministry of Local Development Ministry of Education and Technical Education Ministry of Health and Population. Ministry of Manpower

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
				<ul style="list-style-type: none"> The Civil society
5	Confidence in government indicator	<ul style="list-style-type: none"> UNDP 	<ul style="list-style-type: none"> The cabinet 	<ul style="list-style-type: none"> All ministries
6	Geographical gap in completing primary education index	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Education and Technical Education 	<ul style="list-style-type: none"> Ministry of Local Development Ministry of Social Solidarity The Civil society
7	Geographical gap in child mortality rate	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Health and Population 	<ul style="list-style-type: none"> Ministry of Local Development Ministry of Social Solidarity The civil society
8	Geographical gap in the percentage of population under poverty line	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> The Cabinet 	<ul style="list-style-type: none"> Ministry of Local Development Ministry of Social Solidarity The Civil society
9	Percentage of female headed households living under poverty line	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> Ministry of Local Development The Civil Society
10	Percentage of population under extreme poverty line	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> Ministry of Local Development The Civil society

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Axial positive values indicator	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Culture 	<ul style="list-style-type: none"> Ministry of Education and Technical Education Ministry of Higher Education & Scientific

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
				Research <ul style="list-style-type: none"> Ministry of Youth and Sports
2	Human rights indicator	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> The Cabinet 	<ul style="list-style-type: none"> All ministries
3	The unemployment rate among people with special needs	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> The civil society
4	The percentage of elderly persons under the poverty line	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> The civil society
5	The percentage of population in unsecure slum areas	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Local Development 	<ul style="list-style-type: none"> The Civil society Ministry of Social Solidarity
6	Homeless children	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> Ministry of Local Development The civil society
7	Political and civil participation of women	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> The civil society
8	Indicator of ease of the civil work	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> The civil society The Parliament
9	Indicator of social responsibility for the firms	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> All ministries
10	Geographical gap in the education quality	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Education and Technical Education 	<ul style="list-style-type: none"> The civil society Ministry of Social Solidarity Ministry of Local Development

No.	Indicator	Measurement Authority	Liabe Authority	Participant Authority
11	Geographical gap in the health service quality	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Health and Population 	<ul style="list-style-type: none"> The civil society Ministry of Social Solidarity Ministry of Local Development
12	Geographical gap in getting decent job	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Manpower 	<ul style="list-style-type: none"> The civil society Ministry of Social Solidarity Ministry of Local Development
13	Geographical gap in the percentage of employees with health insurance	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Health and Population 	<ul style="list-style-type: none"> Ministry of Social Solidarity Ministry of Local Development
14	Geographical gap in the percentage of the employees with social insurance	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> Ministry of Health and Population Ministry of Local Development
15	Subsidy efficiency Indicator	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> The cabinet 	<ul style="list-style-type: none"> The civil society Ministry of Social Solidarity
16	Beneficiaries of the micro- loans	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> The civil society Ministry of Social Solidarity Ministry of Trade and Industry
17	Beneficiaries of the social welfare programs	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> The civil society

(*) these indicators are measures according to gender and age brackets

Social Justice Programs and Projects to 2030

No.	Program	Responsible Authority	Supporting Authority
1	Developing and expanding the role of state authorities concerned with transparency and protection	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and Administrative Reform 	<ul style="list-style-type: none"> Ministry of Trade & Industry Ministry of Manpower
2	Improving the social protection and subsidy systems and expanding their coverage	<ul style="list-style-type: none"> Ministry of Social Solidarity Ministry of Trade & Industry 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Supply and Home Trade Ministry of Education and Vocational Training Ministry of Health Ministry of Manpower Ministry of Local Development Civil Society
3	Reducing the social intergeneration and gender gaps	<ul style="list-style-type: none"> Ministry of Social Solidarity 	<ul style="list-style-type: none"> Ministry of Youth And Sports Ministry of Manpower Ministry of Trade & Industry The Parliament Civil society
4	Achieving a balanced geographical distribution of services	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and Administrative Reform Ministry of Social Solidarity 	<ul style="list-style-type: none"> Ministry of Endowments and Religious Affairs Civil society
5	Review and develop legislations and laws related to achievement of social justice and community including	<ul style="list-style-type: none"> The Cabinet 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Supply and Internal Trade Ministry of Education and Technical Education Ministry of Health and Population Ministry of Labor Force Ministry of Local Development Ministry of Social Solidarity Ministry of Awqaf (Endowments)

No.	Program	Responsible Authority	Supporting Authority
6	Raise the institutions level of partnership between the Government and the civil society	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and Administrative Reform 	<ul style="list-style-type: none"> Civil Society The General Federation of Associations Ministry of Social Solidarity

Execution Phases of Social Justice Programs and Projects to 2030

<p>First Phase 2016–2020</p>	<ul style="list-style-type: none"> Reviewing and developing laws and legislations related to social justice and integration Improving the social protection and subsidy systems and expanding their coverage Developing and expanding the role of state authorities concerned with transparency and protection Reducing the social intergeneration and gender gaps Achieving a balanced geographical distribution of services
<p>Second Phase 2021–2025</p>	<ul style="list-style-type: none"> Improving the social protection and subsidy systems and expanding their coverage Reducing the social intergeneration and gender gaps Achieving a balanced geographical distribution of services
<p>Third Phase 2026–2030</p>	<ul style="list-style-type: none"> Improving the social protection and subsidy systems and expanding their coverage Reducing the social intergeneration and gender gaps

Health Pillar

Strategic Objectives for Health to 2030

	Strategic Objectives
1	The improvement of the health of citizens within a framework of justice and equity
2	Achieving universal healthcare coverage for all Egyptians and ensuring high quality services
3	Improving health sector governance

Key Performance Indicators for Health to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Life expectancy at birth (years)	<ul style="list-style-type: none"> CAPMAS 	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> National Population Council National Council of women National council for Motherhood and childhood WHO
2	Maternal mortality rate	<ul style="list-style-type: none"> Ministry of Health & Population Information Center 	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> National Population Council National Council of women National council for Motherhood and childhood WHO
3	Children mortality rate, below 5 years old (%)	<ul style="list-style-type: none"> Ministry of Health & Population Information Center 	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> National Population Council National Council of women National council for

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
				Motherhood and childhood <ul style="list-style-type: none"> • WHO
4	Compound index on nutrition status among children	<ul style="list-style-type: none"> • Ministry of Health & Population Information Center 	<ul style="list-style-type: none"> • Ministry of Health & Population 	<ul style="list-style-type: none"> • National Population Council • National Council of women • National council for Motherhood and childhood • WHO
5	Mortality rate due to uncommon diseases among persons between 30 and 70 years	<ul style="list-style-type: none"> • Ministry of Health & Population Information Center 	<ul style="list-style-type: none"> • Ministry of Health & Population 	<ul style="list-style-type: none"> • Private sector • Civil Society
6	The spread of hepatitis C and infected cases	<ul style="list-style-type: none"> • Ministry of Health & Population Information Center 	<ul style="list-style-type: none"> • Ministry of Health & Population 	<ul style="list-style-type: none"> • Private sector • Civil Society
7	Per capita health expenditure	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Finance 	<ul style="list-style-type: none"> • Ministry of Health & Population
8	Out of pocket health spending	<ul style="list-style-type: none"> • World Bank 	<ul style="list-style-type: none"> • Ministry of Health & Population 	<ul style="list-style-type: none"> • Private sector • Civil Society
9	The number of deaths from road accidents per 100,000	<ul style="list-style-type: none"> • Egyptian Ambulance Organization (EAO) 	<ul style="list-style-type: none"> • Ministry of Health & Population 	<ul style="list-style-type: none"> • Ministry of transportation • Civil Society
10	Tobacco use among persons over 15 years and above	<ul style="list-style-type: none"> • Demographic Health Surveys, and Familial Surveys 	<ul style="list-style-type: none"> • Ministry of Health & Population 	<ul style="list-style-type: none"> • Civil Society
12	The trade deficit for pharmaceuticals and bio-medicines manufacturing	<ul style="list-style-type: none"> • Egyptian Customs Authority 	<ul style="list-style-type: none"> • Ministry of Trade & Industry 	<ul style="list-style-type: none"> • Ministry of Health & Population
13	The ratio of citizens fully covered by	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • General Authority 	<ul style="list-style-type: none"> • Ministry of Social

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
	social health insurance (%)		of Health Insurance	Solidarity <ul style="list-style-type: none"> Ministry of Finance Civil Society Private Sector
14	Response to International Health Regulations (%)	<ul style="list-style-type: none"> World Health Organization 	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> Civil Society WHO
15	Compound Index of social services	<ul style="list-style-type: none"> WHO Holding Company for Water and Wastewater 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Civil Society Ministry of Health & Population Municipalities WHO
16	Number of hospital beds	<ul style="list-style-type: none"> Ministry of Health & Population Information Center 	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> Civil society Private sector
17	Compound index for number of employees in health sector	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research 	<ul style="list-style-type: none"> Ministry of Health & Population

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	The proportion of health institutions that contains in their stores medicines, supplies and basic life-saving equipment on the visit day and the average of their availability	<ul style="list-style-type: none"> Central Accreditation Committee 	<ul style="list-style-type: none"> Ministry of Health and Population 	<ul style="list-style-type: none"> Civil society Private sector
2	The percentage of infections acquired	<ul style="list-style-type: none"> Ministry of Health and Population Information center 	<ul style="list-style-type: none"> Ministry of Health and Population 	<ul style="list-style-type: none"> University hospitals Health sector within

	from hospitals			Service Ministries
3	The accurate registration of births, deaths, and causes of death in the vital registration reports	<ul style="list-style-type: none"> Central Accreditation Committee 	<ul style="list-style-type: none"> Ministry of Health and Population 	<ul style="list-style-type: none"> Ministry of Communication and Information Technology Ministry of Planning, Monitoring and Administrative Reform.

Health Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
1	The application of universal health coverage	<ul style="list-style-type: none"> Health Insurance Authority 	<ul style="list-style-type: none"> Ministry of Health & Population
2	Improving the quality of healthcare service provision:	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> Private sector and community hospitals
3	Enhancing preventive and health programs	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities
4	Improve health sector governance including developing policies and follow up its implementation	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> Higher Health Council Council of Ministers
5	Enable municipalities to provide health services within a decentralized framework	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> Ministry of Local Development Governorates
6	Developing IT infrastructure, the mechanisms and methods of correct health data input, collection and availability	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> Private sector and community hospitals
7	Developing human resource management in the health sector	<ul style="list-style-type: none"> Ministry of Health and Population 	<ul style="list-style-type: none"> Ministry of Higher Education and Scientific Research
8	Developing the pharmaceutical sector	<ul style="list-style-type: none"> Ministry of Health & Population 	<ul style="list-style-type: none"> Ministry of Trade and Industry Ministry of Higher Education & Scientific Research

Execution Phases of Health Programs to 2030

<p>First Phase 2016–2020</p>	<ul style="list-style-type: none">• The application of universal health coverage• Improving quality of healthcare service provision• Enhancing preventive and health programs• Improve health sector governance• Enable municipalities to provide health services within a decentralized framework• Developing IT infrastructure, the mechanisms and methods of correct health data input, collection and availability• Developing human resource management in the health sector• Developing the pharmaceuticals sector
<p>Second Phase 2021–2025</p>	<ul style="list-style-type: none">• The application of universal health coverage• Improving quality of healthcare service provision• Enhancing preventive programs and health• Enable municipalities to provide health services within a decentralized framework• Developing the pharmaceuticals sector
<p>Third Phase 2026–2030</p>	<ul style="list-style-type: none">• The application of universal health coverage• Enhancing preventive programs and health

Education and Training Pillar

Strategic Objectives for Education and Training to 2030

SN	Strategic Objectives
Strategic Objectives for Pre-University Education	
1	Improving Educational System Quality to Conform with International Systems
2	Availing Education for All without Discrimination
3	Enhancing Competitiveness of the Educational Systems and its Outputs
Strategic objectives for technical education and training until 2030	
1	Improving Technical Education and Training System Quality to Conform with International Systems
2	Availing Education for All without Discrimination
3	Enhancing Competitiveness of the Technical Education and Training Systems and its Outputs
Strategic objectives for Higher Education until 2030	
1	Improving Educational System Quality to Conform with International Systems
2	Availing Education for All without Discrimination
3	Enhancing Competitiveness of the Educational Systems and their Outputs

Public Elementary Education

Key Performance Indicators for Public Elementary Education to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Percentage of accredited pre-university educational institutions	<ul style="list-style-type: none"> National Authority for Education Quality Assurance and Accreditation 	<ul style="list-style-type: none"> Ministry of Education & Technical Education National Authority for Education Quality Assurance and Accreditation 	<ul style="list-style-type: none"> Civil Society All State Institutions
2	Illiteracy rate (15-35 years old)	<ul style="list-style-type: none"> CAPMAS 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector
3	Egypt's rank in primary education quality index	<ul style="list-style-type: none"> World Economic Forum 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector
4	Egypt's rank in TIMSS test results	<ul style="list-style-type: none"> National Center for Education Statistics (NCES) 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector
5	Egypt's rank in PIRLS studies	<ul style="list-style-type: none"> National Center for Education Statistics (NCES) 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector
6	Percentage of school drop-out under 18 years old	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Municipalities
7	Average number of students per classroom (Student/Classroom)	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and Administrative Reform Ministry of Finance
8	Number of equipped schools for talented and outstanding students	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and Administrative Reform Ministry of Finance

No.	Indicator	Measurement Authority	Liabe Authority	Participant Authority
9	Public spending on pre-university education per student	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Education & Technical Education Ministry of Higher Education & Scientific Research
10	Pre-school enrollment rate (%)	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and Administrative Reform Ministry of Finance
11	Share of spending on pre-university education in GDP	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Education & Technical Education Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and Administrative Reform Ministry of Finance

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabe Authority	Participant Authority
1	Percentage of teachers with practicing license	<ul style="list-style-type: none"> Professional Academy For Teachers 	<ul style="list-style-type: none"> Professional Academy For Teachers 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
2	Percentage of students passing national examinations in Science, Mathematics, Arabic Language and English as a Second Language.	<ul style="list-style-type: none"> Evaluation and Examinations Committee 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Evaluation and Examinations Committee
3	Percentage of schools with proper educational technology	<ul style="list-style-type: none"> Devised 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector
4	Percentage of schools with integration	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector

	requirements			
5	Percentage of curricula that conform with global standards	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector

Public Elementary Education (pre-university) Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
1	Adopting an investment strategy in education and developing new financing schemes at Ministry and schools level	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Finance
2	Developing teachers' professional and technical skills	<ul style="list-style-type: none"> Professional Academy for Teachers 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
3	Developing a system for equipping schools for accreditation	<ul style="list-style-type: none"> National Authority for Education Quality Assurance and Accreditation 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
4	Application of comprehensive curricula reform system	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Curricula Supervisory Authority Curricula Development Center
5	Developing pre-schooling system (Increasing enrollment at nursery stage)	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> The Cabinet Ministry of Social Solidarity
6	Integrating students with minor disabilities in schools	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society
7	Distinguished and talented students support program	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector
8	Elimination illiteracy and school drop out	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society
9	Developing a subsidy system for poor families	<ul style="list-style-type: none"> Ministry of Social Solidarity Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Education & Technical Education Ministry of Planning, Monitoring and Administrative

No.	Index	Responsible Authority	Supporting Authority
			Reform
10	Periodic assessment system for students in accordance with international standards	<ul style="list-style-type: none"> Ministry of Education & Technical Education National Center for Education Statistics 	<ul style="list-style-type: none"> Civil Society Private Sector

Execution Phases of Public Elementary Education (pre-university) Programs to 2030

First Phase 2016–2020	<ul style="list-style-type: none"> Adopting an investment strategy in education and developing new financing schemes at Ministry and schools level Application of comprehensive curricula reform system Developing teachers' professional and technical skills Developing a system for equipping schools for accreditation Developing pre-schooling system (Increasing enrollment at nursery stage) Integrating students with minor disabilities in schools Developing a subsidy system for poor families
Second Phase 2021–2025	<ul style="list-style-type: none"> Developing a system for equipping schools for accreditation Developing teachers' professional and technical skills Distinguished and talented students support program Periodic assessment system for students in accordance with international standards

Technical Education and Training

Key Performance Indicators for Technical Education and Training to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Percentage of students with outstanding performance enrolled in technical education (scored more than 85% at preparatory stage)	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector Industrial Training Center
2	Percentage of technical education graduates working in their fields of specialization	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector Industrial Training Center
3	Egypt's rank in the World Bank's index for Technical Education	<ul style="list-style-type: none"> World Bank 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector Industrial Training Center
4	Percentage of enrolled students in vocational training to the total enrolled students in technical education	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector Industrial Training Center
5	Number of technical education schools according to demographics and economic activities	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector Industrial Training Center
6	Percentage of technical and vocational institutions based on partnerships with	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector Industrial Training

No.	Indicator	Measurement Authority	Liabe Authority	Participant Authority
	civil society			Center
7	Average number of students per classroom	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and Administrative Reform Ministry of Finance Civil Society Private Sector

Suggested New Indicators

No.	Indicator	Liabe Authority	Participant Authority
1	Average training hours per employee in each sector of the labor market	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
2	Percentage of technical and vocational education graduates with professional licenses	<ul style="list-style-type: none"> An Authority to be established 	<ul style="list-style-type: none"> Evaluation and Examinations Committee
3	Private institutions and employers' level of satisfaction regarding the technical and vocational education graduates	<ul style="list-style-type: none"> Via Survey 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
4	Percentage of developed <u>educational</u> curricula and programs in line with the National Qualifications Framework of each sector	<ul style="list-style-type: none"> National Authority for Quality Assurance and Accreditation 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
5	Percentage of <u>training</u> curricula and programs in line with the National Qualifications Framework of each sector	<ul style="list-style-type: none"> National Authority for Quality Assurance and Accreditation 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
6	Percentage of technical education institutions accredited by the National Authority for Education Quality Assurance and Accreditation	<ul style="list-style-type: none"> National Authority for Education Quality Assurance and Accreditation 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
7	Percentage of training centers accredited by competent authorities	<ul style="list-style-type: none"> National Authority for Quality Assurance and Accreditation 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
8	Percentage of teachers achieving more than 90% in teacher's comprehensive	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education

	assessment		
9	Rate of availing Equipment and tools per student	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education
10	Rate of transition from one stage to another in technical and vocational education	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Ministry of Education & Technical Education

Technical Education and Training Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
1	Develop a mechanism for encouraging private sector's contribution to technical education development	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Private Sector
2	Enhancing the quality of educational and training facilities	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> National Authority for Education Quality Assurance and Accreditation
3	Adopting professional development program for teachers and trainers	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Professional Academy for Teachers
4	Attractive school project	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector
5	Raising awareness and enhancing social perception	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector
6	An efficient and integrated labor market information system	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> FEI
7	Developing and activating the "Egyptian national qualifications framework" for technical education and vocational training.	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> FEI
8	Establishing an academy to graduate teachers qualified for technical education and vocational training	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> FEI Civil Society Private Sector

No.	Index	Responsible Authority	Supporting Authority
	(specialized faculties).		
9	Professional practicing license program for vocational and technical education graduates	<ul style="list-style-type: none"> Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Professional Academy for Teachers

Execution Phases of the Technical Education and Training Programs to 2030

First Phase 2016–2020	<ul style="list-style-type: none"> Raising awareness and enhancing social perception An efficient and integrated labor market information system Developing and activating the “Egyptian national qualifications framework” for technical education and vocational training Adopting professional development program for teachers and trainers Develop a mechanism for encouraging private sector’s contribution to technical education development Enhancing the quality of educational and training facilities
Second Phase 2021–2025	<ul style="list-style-type: none"> Raising awareness and enhancing social perception Establishing an academy to graduate teachers qualified for technical education and vocational training (specialized faculties) Attractive school project Professional practicing license program for vocational and technical education graduates

Higher Education

Key Performance Indicators for Higher Education to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Global competitiveness index (higher education and training)	<ul style="list-style-type: none"> World Economic Forum (WEF) 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research Ministry of Education & Technical Education 	<ul style="list-style-type: none"> Civil Society Private Sector
2	Unemployment rate among university graduates to total unemployed according to specialization (%)	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Civil Society Private Sector
3	Number of Egyptian universities listed among top 500 universities in the world (Shanghai Index)	<ul style="list-style-type: none"> Shanghai Index – Times - Webometrics 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Supreme Council for Universities (SCU)
4	Growth rate of published scientific research in internationally reviewed scientific journals	<ul style="list-style-type: none"> SCOPUS 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Private Universities
5	Percentage of higher education institutions accredited by the “National Authority for Quality Assurance and Accreditation”	<ul style="list-style-type: none"> National Authority for Education Quality Assurance and Accreditation 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> National Authority for Education Quality Assurance and Accreditation
6	Higher education enrollment rate (18-22 years old)	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	
7	Percentage of faculty members with research scholarships from international	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of International Cooperation

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
	universities			<ul style="list-style-type: none"> Supreme Council for Universities (SCU)
8	Percentage of foreign students to total students enrolled at Egyptian universities according to specialization	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Foreign Affairs Ministry International Cooperation
9	Public spending per student in higher education (per specialization)	<ul style="list-style-type: none"> Ministry of Finance 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Finance
10	Number of students per faculty member according to specialization	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	
11	Number of higher education institutions according to the density, specialization and geographical distribution	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Private Sector

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Number of scholarships from international universities according to specialization.	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Foreign Affairs Ministry International Cooperation Universities

Higher Education Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
1	Establishing higher Education institutions in partnership with the civil society and the private sector	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Civil Society Private Sector
2	Building distinctive teaching cadres at higher education institutions	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of International Cooperation
3	Activating the role of research centers at higher education institutions	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of International Cooperation
4	Linking graduates to employment institutions on the local, regional and international Levels	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Manpower
5	Adopting the “Egyptian Diplomas Equivalence System” and the recognition of higher education certificates	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Ministry of Foreign Affairs Ministry International Cooperation
6	Developing curricula based on the National Qualifications Framework	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Civil Society Private Sector
7	Updating the admission systems at higher education institutions	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research 	<ul style="list-style-type: none"> Civil Society Private Sector
8	Improving quality of higher education institutions	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research National Authority for Education Quality Assurance and Accreditation 	<ul style="list-style-type: none"> Ministry of Higher Education & Scientific Research Civil Society Private Sector

Execution Phases of Higher Education Programs to 2030

<p>First Phase 2016–2020</p>	<ul style="list-style-type: none">• Establishing higher Education institutions in partnership with the civil society and the private sector• Activating the role of research centers at higher education institutions• Linking graduates to employment institutions on the local, regional and international Levels• Applying quality of higher education institutions• Improving quality of higher education institutions
<p>Second Phase 2021–2025</p>	<ul style="list-style-type: none">• Applying quality of higher education institutions• Building distinctive teaching cadres at higher education institutions• Establishing higher Education institutions in partnership with the civil society and the private sector• Adopting the “Egyptian Diplomas Equivalence System” and the recognition of higher education certificates• Developing curricula based on the National Qualifications Framework• Updating the admission systems at higher education institutions
<p>Third Phase 2026–2030</p>	<ul style="list-style-type: none">• Developing curricula based on the National Qualifications Framework• Establishing higher Education institutions in partnership with the civil society and the private sector

Culture Pillar

Strategic Objectives for Culture to 2030

SN	Strategic Objectives
1	Supporting cultural industries as a source of strength for the economy.
2	Improving the efficiency of cultural institutions and workers
3	Protecting and promoting all forms of heritage

Key Performance Indicators for Culture to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Geographical gap of the ratio of the number of public libraries / 100,000 people	<ul style="list-style-type: none"> CAPMAS 	<ul style="list-style-type: none"> Ministry of Culture (Egyptian National Library and Archives - Culture Palaces Authority - Egypt's public libraries - Cultural Development Fund) 	<ul style="list-style-type: none"> Alexandria Library Ministry of Education and Technical Education (school libraries) Municipalities Ministry of Youth and Sports Ministry of Social Solidarity NGOs
2	Geographical gap of the ratio of the number of cultural centers / 100,000 people	<ul style="list-style-type: none"> CAPMAS 	<ul style="list-style-type: none"> Ministry of Culture (Culture Palaces Authority - Cultural Development Fund / Creativity Centers – Opera House – Plastic Arts Sector) 	<ul style="list-style-type: none"> Civil and private cultural centers Ministry of Youth and Sports
3	Tourism and travel competitiveness	<ul style="list-style-type: none"> World Economic Forum (WEF) 	<ul style="list-style-type: none"> Ministry of Tourism 	<ul style="list-style-type: none"> Ministry of Culture Ministry of Antiquities Ministry of Interior

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
				Affairs
4	Number of foreign visitors to museums and heritage sites (million visitors)	<ul style="list-style-type: none"> CAPMAS 	<ul style="list-style-type: none"> Ministry of Antiquities (Museums and archaeological areas) Ministry of Culture (Historical, artistic and national museums) Ministry of Environment (natural reserves) 	<ul style="list-style-type: none"> Ministry of Tourism Ministry of Interior Affairs National Media Council Alexandria Library
5	Number of Egyptian visitors to museums and heritage sites (million visitors)	<ul style="list-style-type: none"> CAPMAS 	<ul style="list-style-type: none"> Ministry of Antiquities (Museums and archaeological areas) Ministry of Culture (Historical, artistic and national museums) Ministry of Environment (natural reserves) 	<ul style="list-style-type: none"> Ministry of interior Affairs Ministry of Education and Technical Education, Ministry of Higher Education and Scientific Research Ministry of Youth and Sports Ministry of Tourism National Media Council Alexandria Library

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Indicator of main positive values	<ul style="list-style-type: none"> CAPMAS 	<ul style="list-style-type: none"> Ministry of Culture 	<ul style="list-style-type: none"> Ministry of Education and Technical Education Ministry of Higher Education and Scientific Research Ministry of Youth and Sports
2	Cultural industries contribution to	<ul style="list-style-type: none"> CAPMAS 	<ul style="list-style-type: none"> Ministry of Culture 	<ul style="list-style-type: none"> Ministry of Antiquities Ministry of Commerce

	gross domestic product			and Industry <ul style="list-style-type: none"> • Media and Art Institutions
3	Indicator of cultural product exports	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture 	<ul style="list-style-type: none"> • Ministry of Commerce and Industry • Ministry of Finance • Ministry of Investment • Cultural Industries Chambers • Artistic Syndicates
4	International awards, and certificates of excellence for Egyptian intellectuals or cultural works	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture 	<ul style="list-style-type: none"> • Cultural Industries Chambers • Artistic Syndicates • Academy of Arts • Creative departments in the universities
5	Cinema indicator	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture (National Centre for Cinema - Artistic Censorship - Licensing Department - Cultural Development Fund - Film Commission at the Supreme Council of Culture) 	<ul style="list-style-type: none"> • Chamber of Cinema Industry • Radio and Television Union • Filmmakers and Actors Syndicates • Alexandria Library
6	Theatre indicator	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture (National Center for Theater - Art House Theater – Folk Show Art House - Opera House - Creative Centers - Culture Palaces Authority - Artistic Censorship - Licensing Department - Cultural Development Fund – Theatre Committee of Supreme Council for Culture) 	<ul style="list-style-type: none"> • Screen Actors Syndicate • Radio and Television Union • Private groups • Theaters of Schools and Universities • Alexandria Library
7	Publishing and Literature	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture (General Book 	<ul style="list-style-type: none"> • Cultural Industries Chambers

	Indicator		<p>Organization - General Authority for Books and National Documents - National Center for Translation - Supreme Council of Culture - Culture Palaces Authority - Cultural Development Fund - Committee for book and publishing at Supreme Council of Culture)</p>	<ul style="list-style-type: none"> • Writers and Publishers Unions
8	Music and singing indicator	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture (Opera House - National Center for theater, music and folklore - Folk Show Arts House - Culture Palaces Authority - Artistic Censorship – Licensing Department - Cultural Development Fund - Music Committee of the Supreme Council for Culture) 	<ul style="list-style-type: none"> • Musicians Syndicate • Authors and Composers Association • Radio and Television Union • Cassette Producers Association • Art Production Companies • Alexandria Library
9	Plastic arts indicator	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture (Plastic Arts Sector - Culture Palaces Authority - Cultural Development Fund - Visual Arts Committee at the Supreme Council for Culture) 	<ul style="list-style-type: none"> • Syndicate Of Plastic Arts • Private Galleries • Alexandria Library
10	Cultural radio and television production indicator	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Radio and Television Union 	<ul style="list-style-type: none"> • Ministry of Culture (National Center for Cinema - Cultural Development Fund). • Ministry of Investment (private channels) • Supreme Council of Antiquities • Alexandria Library • Production Companies

11	Traditional crafts indicator	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture (Plastic Arts Sector – Cultural Development Fund - Culture Palaces Authority - Folk Arts Committee of the Supreme Council for Culture) 	<ul style="list-style-type: none"> • Ministry of Commerce and Industry • Ministry of Investment • Ministry of Local Development • Ministry of Social Solidarity • Social Fund for Development • Civil society
12	Intellectual property protection	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture (Copyright Management - Permanent Bureau of Copyright Protection - Artistic Censorship) • Radio and Television Union 	<ul style="list-style-type: none"> • Ministry of Communications and Information Technology • Ministry of Interior Affairs
13	Geographical gap in the indicator of main positive values (*)	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture 	<ul style="list-style-type: none"> • Ministry of Education and Technical Education • Ministry of Higher Education and Scientific Research • Ministry of Youth and Sports
14	Geographical gap in expenditure on cultural activity per capita	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture 	<ul style="list-style-type: none"> • Ministry of Finance • Ministry of Planning, Monitoring and administrative reform
15	Cultural activity at schools (acting – singing – arts)	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Education and Technical Education 	<ul style="list-style-type: none"> • Ministry of Culture • Ministry of Youth and Sports
16	Cultural activity at university (acting – singing – arts)	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Higher Education and Scientific Research • Public and Private universities 	<ul style="list-style-type: none"> • Ministry of Culture • Ministry of Youth and Sports
17	Ratio of expenditure on national cultural activity to the total State's	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Culture (Associations Department at Supreme Council of Culture – 	<ul style="list-style-type: none"> • Ministry of Social Solidarity

	cultural budget		Associations Department at Culture Palaces Authority – Cultural Development Fund)	
18	Ratio of the State's cultural budget to its total budget.	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Finance • The Cabinet 	<ul style="list-style-type: none"> • Ministry of Culture • Ministry of Antiquities
19	Indicator of monuments condition	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Antiquities 	<ul style="list-style-type: none"> • Antiquities Committee at the Supreme Council of Culture • Ministry of religious Endowments • Coptic Orthodox Patriarchate
20	Number of foreign visitors to official heritage websites	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Antiquities • Ministry of Culture • Alexandria Library 	<ul style="list-style-type: none"> • Ministry of Communications and Information Technology • National Media Council (electronic media)
21	Number of Egyptians visitors to official heritage websites	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Antiquities • Ministry of Culture • Alexandria Library 	<ul style="list-style-type: none"> • Ministry of Communications and Information Technology • National Media Council (electronic media)
22	Restoration efficiency	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Antiquities 	<ul style="list-style-type: none"> • International Organizations
23	Ratio of expenditure on restoration and maintenance of monuments from international grants to total expenditure	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Antiquities 	<ul style="list-style-type: none"> • Ministry of International Cooperation
24	Number of heritage sites registered in UNESCO	<ul style="list-style-type: none"> • CAPMAS 	<ul style="list-style-type: none"> • Ministry of Antiquities • Ministry of Environment 	<ul style="list-style-type: none"> • Ministry of Interior • Ministry of Religious Endowments • Ministry of Foreign Affairs • Ministry of Higher Education and Scientific Research

Culture Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
1	Reviewing laws and legislations related to cultural industries and heritage protection	<ul style="list-style-type: none"> The Cabinet 	<ul style="list-style-type: none"> Ministry of Culture Ministry of Antiquities Ministry of Investment Ministry of Commerce and Industry Ministry of Planning, Monitoring and administrative reform Ministry of Finance Ministry of Justice
2	Developing and restructuring the cultural system	<ul style="list-style-type: none"> Ministry of Planning, Monitoring and administrative reform 	<ul style="list-style-type: none"> Ministry of Culture Ministry of Antiquities Ministry of Religious Endowments Cultural syndicates, chambers and unions
3	Adopting a set of programs to raise historic and cultural awareness of the society	<ul style="list-style-type: none"> Ministry of Culture Ministry of Antiquities Ministry of Education and Technical Education Ministry of Higher Education and Scientific Research Ministry of Youth and Sports 	<ul style="list-style-type: none"> Radio and Television Union Ministry of Tourism Ministry of Investment Ministry of Local Development Alexandria Library Production Companies
4	Establishing an integrated database for cultural products and activities in Egypt	<ul style="list-style-type: none"> Ministry of Culture Ministry of Antiquities Ministry of Tourism 	<ul style="list-style-type: none"> Ministry of Communications and Information Technology
5	Increasing the efficiency of cultural services infrastructure and expanding its scope	<ul style="list-style-type: none"> Ministry of Culture 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Interior Ministry of Local Development Ministry of Higher Education and Scientific Research Ministry of Local Development

No.	Index	Responsible Authority	Supporting Authority
6	Protection and development of heritage crafts	<ul style="list-style-type: none"> Ministry of Culture Ministry of Education and Technical Education Ministry of Tourism Ministry of Investment Ministry of Commerce and Industry 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Local Development Federation of Egyptian Industries Industrial Modernization Center (IMC)
7	Supporting and empowering cultural industries	<ul style="list-style-type: none"> Ministry of Culture 	<ul style="list-style-type: none"> Ministry of Finance Ministry of Social Solidarity Ministry of Interior affairs Ministry of Investment Ministry of Commerce and Industry Ministry of Local Development Federation of Egyptian Industries Industrial Modernization Center (IMC)
8	Protecting and maintaining heritage	<ul style="list-style-type: none"> Ministry of Antiquities Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Religious Endowments Ministry of Local Development Ministry of Finance Ministry of International Cooperation Ministry of Interior Affairs

Execution Phases of the Culture Programs to 2030

<p>First Phase 2016–2020</p>	<ul style="list-style-type: none">• Reviewing laws and legislations related to cultural industries and heritage protection• Developing and restructuring the cultural system• Adopting a set of programs to raise historic and cultural awareness of the society• Establishing an integrated database for cultural products and activities in Egypt• Increasing the efficiency of cultural services infrastructure and expanding its scope• Protection and development of heritage crafts• Supporting and empowering cultural industries• Protecting and maintaining heritage
<p>Second Phase 2021–2025</p>	<ul style="list-style-type: none">• Developing and restructuring the cultural system• Adopting a set of programs to raise historic and cultural awareness of the society• Increasing the efficiency of cultural services infrastructure and expanding its scope• Protecting and maintaining heritage
<p>Third Phase 2026–2030</p>	<ul style="list-style-type: none">• Developing and restructuring the cultural system• Adopting a set of programs to raise historic and cultural awareness of the society• Increasing the efficiency of cultural services infrastructure and expanding its scope• Protecting and maintaining heritage

Environment Pillar

Strategic Objectives to 2030

SN	Strategic Objectives
1	Rational and sustainable management of the assets of natural resources to support economy, increase competitiveness and provide new job opportunities
2	Reduction of pollution and integrated management of wastes
3	Maintaining the balance of ecological systems, biological diversity and the rational and sustainable management of these systems
4	Egypt meets its international and regional obligations for environmental conventions and develops the necessary mechanisms, while ensuring their consistency with the local policies

Key Performance Indicators for Environment to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Ratio of total water consumption (%)	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation 	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation 	<ul style="list-style-type: none"> Ministry of Agriculture and Land Reclamation Ministry of Commerce and Industry Ministry of Housing, Utilities and Urban Communities
2	Fresh water resources per capita (renewable)	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation 	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation 	
3	Percentage of decreased pollution caused by fine airborne dust (%)	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Agriculture and Land Reclamation Ministry of Commerce and Industry Ministry of Transportation Ministry of Petroleum

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
				and Mineral Resources <ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities
4	Percentage of municipal solid waste regularly collected and managed in a suitable manner (%)	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Governorates' bodies
5	Percentage of hazardous wastes, safely disposed (treatment, recycling, final disposal) (%)	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Health and Population Ministry of Commerce and Industry
6	Indicator of Biological diversity and environments	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> International Organizations
7	Rate of reduction of Ozone-depleting materials	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Commerce and Industry
8	Rate of reduction of the expected increasing rates of greenhouse gas emissions	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Commerce and Industry Ministry of Transportation Ministry of Petroleum and Mineral Resources Ministry of Electricity and Renewable Energy
9	Ratio of non-traditional water resources to total water resources usage	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation 	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities
10	Sanitation as percentage of the total sewage	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Local units
11	Illegal industrial sewage into the Nile River as a percentage of the total industrial	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Commerce and Industry

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
	sewage			
12	Sanitation percentage according to the national standards, disposed in the Nile River	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities
13	Number of natural reserves, with an approved and activated management plan (reserves)	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Local units
14	Percentage of progress in the commitment to ratified conventions	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Commerce and Industry
15	Percentage of loss in water transfer networks	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Local units
16	Percentage of loss in water treatment plants	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Local units
17	Number of national monitoring air pollutants plants	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Local units
18	Number of monitoring sites at the national network of monitoring industrial emissions	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Commerce and Industry

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Environmental Deterioration Cost	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> All ministries, agencies and organizations 	<ul style="list-style-type: none"> Private sector Family sector Civil society sector

Environment Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
1	Strengthen the institutional and legislative structure of water resources management system	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation 	<ul style="list-style-type: none"> Parliament
2	Expand the establishment and development of required infrastructure for achieving a sustainable water system	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation Ministry of Housing, Utilities and Urban Communities 	<ul style="list-style-type: none"> Parliament Ministry of Commerce and Industry
3	Implement financial policy reforms and use of economic instruments to move toward more sustainable consumption patterns of water and natural resources	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation 	<ul style="list-style-type: none"> Ministry of Commerce and Industry Cabinet Parliament
4	Increase the awareness of the need to reserving environment and natural resources, motivating required alternatives and technologies for water rationalization and protecting natural resources	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Water Resources and Irrigation Ministry of Commerce and Industry Ministry of Culture Ministry of Education and Technical Education National Council for Women
5	Enhance the efficiency of solid wastes management system and supporting its sustainability	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Local government agencies Ministry of Housing, Utilities and Urban Communities
6	Develop the necessary policies to reduce air	<ul style="list-style-type: none"> Ministry of Environment 	<ul style="list-style-type: none"> Ministry of Commerce and

No.	Index	Responsible Authority	Supporting Authority
	pollution, combat climate changes and protect the environment		Industry <ul style="list-style-type: none"> • Ministry of Electricity and Renewable Energy • Ministry of Petroleum and Mineral Resources • Ministry of Transportation
7	Develop the infrastructure to enhance the efforts aimed at reducing air pollution and combating climate changes	<ul style="list-style-type: none"> • Ministry of Environment 	<ul style="list-style-type: none"> • Ministry of Commerce and Industry
8	Enhance the efficiency of the administrative structure and infrastructure required for developing the efforts of biodiversity protection	<ul style="list-style-type: none"> • Ministry of Environment 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring and Administrative Reform • Ministry of Finance
9	Monitor the implementation of international conventions on environment	<ul style="list-style-type: none"> • Ministry of Environment 	<ul style="list-style-type: none"> • Ministry of Commerce and Industry
10	Increase the involvement of the private and non-governmental sectors into the efforts of preserving and protecting biodiversity	<ul style="list-style-type: none"> • Ministry of Environment 	<ul style="list-style-type: none"> • Ministry of Commerce and Industry
11	Enhance the efficiency of protecting coastal and marine areas	<ul style="list-style-type: none"> • Ministry of Environment 	<ul style="list-style-type: none"> • Ministry of Tourism • Parliament
12	Develop a system for disposal of hazardous wastes and raising the management efficiency	<ul style="list-style-type: none"> • Ministry of Environment 	<ul style="list-style-type: none"> • Ministry of Commerce and Industry
13	Establish a higher council for sustainable development:	<ul style="list-style-type: none"> • Cabinet 	<ul style="list-style-type: none"> • The Ministry of Planning and Monitoring and Administrative Reform • Ministry of the Environment

Execution Phases of the Environment Programs to 2030

<p>First Phase 2016–2020</p>	<ul style="list-style-type: none"> • Establish a higher council for sustainable development. • Strengthen the institutional and legislative structure of water resources management system • Expand the establishment and development of required infrastructure for achieving a sustainable water system • Increase the awareness of the need to reserving environment and natural resources, motivating required alternatives and technologies for water rationalization and protecting natural resources • Enhance the efficiency of solid wastes management system and supporting its sustainability • Develop the necessary policies to reduce air pollution, combat climate changes and protect the environment • Develop the infrastructure to enhance the efforts aimed at reducing air pollution and combating climate changes • Monitor the implementation of international conventions on environment • Implement financial policy reforms and use of economic instruments to move toward more sustainable consumption patterns of water and natural resources
<p>Second Phase 2021–2025</p>	<ul style="list-style-type: none"> • Expand the establishment and development of required infrastructure for achieving a sustainable water system • Enhance the efficiency of the administrative structure and infrastructure required for developing the efforts of biodiversity protection • Enhance the efficiency of protecting coastal and marine areas • Implement financial policy reforms and use of economic instruments to move toward more sustainable consumption patterns of water and natural resources
<p>Third Phase 2026–2030</p>	<ul style="list-style-type: none"> • Increase the awareness of the need to reserving environment and natural resources, motivating required alternatives and technologies for water rationalization and protecting natural resources • Develop a system for disposal of hazardous wastes and raising the management efficiency • Increase the involvement of the private and non-governmental sectors into the efforts of preserving and protecting biodiversity

Urban Development Pillar

Strategic Objectives for Urban Development to 2030

SN	Strategic Objectives
1	Expansion of inhabited area in proportion to the availability of resources and size and distribution of population
2	Improvement urban environment quality
3	Maximize the utilization of Egypt's strategic location regionally and internationally

Key Performance Indicators for Urban Development to 2030

Quantitative Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Rate of population settlement as compared to what is aimed at in new urban communities	<ul style="list-style-type: none"> New Urban Communities Authority 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Industrial Development Authority General Authority for Reconstruction and land reclamation Tourism Development Authority
2	Housing gap indicator	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Private sector Municipalities
3	Increase the rate of those using modes public transportation	<ul style="list-style-type: none"> Ministry of Transportation 	<ul style="list-style-type: none"> Ministry of Transportation 	<ul style="list-style-type: none"> Ministry of Planning, monitoring and administrative reform Ministry of Finance
4	Individual's share in green landscapes in cities	<ul style="list-style-type: none"> Ministry of Local Development, Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Ministry of Local Development Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Ministry of Environment Municipalities

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
5	Rate of reducing encroachments on agricultural lands	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Ministry of Agriculture and Land Reclamation
6	Egypt's rank in Global Connectedness Index Report (DHL)	<ul style="list-style-type: none"> DHL 	<ul style="list-style-type: none"> Cabinet 	<ul style="list-style-type: none"> Ministry of Transportation Ministry of Tourism Ministry of Trade and Industry Ministry of Communications and Information Technology Ministry of Investment Ministry of Housing, Utilities and Urban Development
7	Number of Egyptian citizens in Globalization and World Cities (GaWC) Index	<ul style="list-style-type: none"> GaWC 	<ul style="list-style-type: none"> Cabinet 	<ul style="list-style-type: none"> Ministry of Transportation Ministry of Tourism Ministry of Trade and Industry Ministry of Communications and Information Technology Ministry of Investment Ministry of Housing, Utilities and Urban Development
8	Urban area growth rate	<ul style="list-style-type: none"> National Authority for planning to use states' territories 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Municipalities
9	Area of lands added to Egyptian inhabited areas	<ul style="list-style-type: none"> National Authority for planning the usage of states' territories 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Industrial Development Authority General Authority for Reconstruction and land reclamation General Authority for Tourism Development
10	Rate of reduction in	<ul style="list-style-type: none"> Fund of informal settlements 	<ul style="list-style-type: none"> Fund of informal settlements 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
	number of population in insecure areas	development	development	Development
11	Percentage of informal settlements area	<ul style="list-style-type: none"> Fund of informal settlements development 	<ul style="list-style-type: none"> Fund of informal settlements development 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development
12	The Percentage of population for which sanitation system is provided.	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Ministry of Health and Population United Nations agencies Different provinces and municipals
13	The percentage of population for which a safe drinking water system has been provided.	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Ministry of Health and Population United Nations agencies Different provinces and municipal

Suggested New Indicators

No.	Indicator	Measurement Authority	Liabile Authority	Participant Authority
1	Average localization of population in new urban communities proportional to population increase.	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Industrial Development Authority General Authority for Reconstruction and land reclamation General Authority for Tourism Development
2	The percentage of workers localized in new urban communities	<ul style="list-style-type: none"> Central Agency for Public Mobilization and Statistics 	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Industrial Development Authority General Authority for Reconstruction and land reclamation General Authority for Tourism Development
3	The percentage of population having access to public means of	<ul style="list-style-type: none"> Ministry of Transportation 	<ul style="list-style-type: none"> Ministry of Transportation 	<ul style="list-style-type: none"> Ministry of Planning, monitoring and administrative reform

transportation every 20 minutes at most within a spatial scope of 500 meters			<ul style="list-style-type: none"> • Ministry of Finance • Municipalities
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Urban Development Programs to 2030

No.	Index	Responsible Authority	Supporting Authority
1	Reformation of institutional structure and governance of urban development planning and management system	<ul style="list-style-type: none"> • Cabinet 	<ul style="list-style-type: none"> • Parliament
2	Connection of a comprehensive investment plan to the national plan 2052	<ul style="list-style-type: none"> • Ministry of Planning • Monitoring and administrative reform 	<ul style="list-style-type: none"> • Ministry of Investment • Ministry of Finance • Ministry of Commerce and Industry • Ministry of Tourism • Ministry of Agriculture and land reclamation
3	Activation of municipalities' role in execution and management of urban plans	<ul style="list-style-type: none"> • Ministry of Local Development 	<ul style="list-style-type: none"> • Ministry of Housing, Utilities and Urban Communities • Parliament
4	Motivation of population localization in the new development areas	<ul style="list-style-type: none"> • Cabinet 	<ul style="list-style-type: none"> • Supreme Council for Urban Development
5	Achievement of balance between supply and demand in housing sector	<ul style="list-style-type: none"> • Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> • Private sector • Ministry of Planning, Monitoring and Administrative Reform
6	Controlling informal settlements phenomenon and insecure areas	<ul style="list-style-type: none"> • Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> • Municipalities • International Organizations • Ministry of International Cooperation
7	Replacement and renewal of main facilities networks and expansion in providing facilities in new development areas	<ul style="list-style-type: none"> • Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> • Ministry of Planning, Monitoring and Administrative Reform • Ministry of Finance

No.	Index	Responsible Authority	Supporting Authority
8	Achievement of spread of green and sustainable building methods	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Parliament Local Government Bodies
9	Elimination of encroachments and violations in existing urban communities	<ul style="list-style-type: none"> Cabinet 	<ul style="list-style-type: none"> Parliament
10	Increasing the capacity and quality of means of mass communication in cities	<ul style="list-style-type: none"> Ministry of Transportation 	<ul style="list-style-type: none"> New Urban Communities Authority Ministry of Local Development Ministry of Housing, Utilities and Urban Development
11	Increase of the constructive capacity in new urban communities	<ul style="list-style-type: none"> Ministry of Housing, Utilities and Urban Development 	<ul style="list-style-type: none"> Consolidated Contractors Engineers Syndicate Private sector contractors

Execution Phases of Urban Development Programs to 2030

<p>First Phase 2016–2020</p>	<ul style="list-style-type: none">• Reformation of the institutional infrastructure and enhance governance of the urban development planning and management system• Align a comprehensive investment plan with the urban national plan 2052• Activation of municipalities' role in execution and management of urban plans• Renovation and replacement of basic infrastructure networks and expanding utilities to new development areas• Combating Violations and infringements on the existing urban developments• Combat the informal settlements phenomenon and insecure areas• Achieve a balance between supply and demand in the housing sector• Maximize construction capacities in new urban communities
<p>Second Phase 2021–2025</p>	<ul style="list-style-type: none">• Activation of municipalities' role in execution and management of urban plans• Combat the informal settlements phenomenon and insecure areas• Achieve a balance between supply and demand in the housing sector• Maximize construction capacities in new urban communities• Encourage settlement in new urban areas• Enhance and increase the capacities of public transportation in cities
<p>Third Phase 2026–2030</p>	<ul style="list-style-type: none">• Combat the informal settlements phenomenon and insecure areas• Achieve a balance between supply and demand in the housing sector