

## Artificial Intelligence

Artificial Intelligence (AI) and specifically, data-driven methods such as Machine Learning are a promising radical transformation of the economic and social systems worldwide. It helps people make better predictions and decisions. By 2030, AI is forecast to add \$15 trillion to the global economy.

Currently, AI is one of the top priorities of policy agendas for most of the countries at both national and international levels. Many national government initiatives focus on using AI applications for development and economic growth.

In addition, AI is one of the top priorities of the agendas of the international and regional organizations such as Group of Seven (G7), Group of Twenty (G20), the United Nations Educational, Scientific and Cultural Organization (UNESCO), the Organization for Economic Cooperation and Development (OECD), the World Intellectual Property Organization (WIPO), the European Union (EU), the League of Arab States (LAS), the African Union (AU), and others. This international dialogue aims at building a common understanding of emerging AI technologies.

The United Nations (UN) also has numerous ongoing initiatives related to AI with the objective of identifying principles and policy priorities for AI, aiming to accelerate progress towards the UN Sustainable Development Goals (SDGs).



National  
Council for  
Artificial  
Intelligence

National AI  
Strategy

Partnerships

AI Innovation  
Challenges/Competitions

Collaboration  
Opportunities

The National AI Strategy—to be implemented within three to five years— is a key priority to help Egypt achieve its sustainable development goals. It identifies the country's plans to deepen the use of AI technologies and transform the economy. It goes beyond just adopting technology, to fundamentally rethinking business models and making deep changes to reap the benefits of productivity growth and create new areas of growth.

**Vision:**

Exploit AI technologies to help achieve Egypt's development goals for the benefit of all Egyptians, and to promote Egypt's regional leading role to be an active global player in AI.

**Mission:**

Create an AI Industry in Egypt, including the development of skills, technology, ecosystem, infrastructure and governance mechanisms to ensure its sustainability and competitiveness.

**Egypt's AI Strategy Pillars:**

**1. AI for Government**

It aims to embed AI technologies into government processes to

increase efficiency and transparency.



## **2. AI for Development**

It seeks to foster the use of AI in vital developmental sectors using partnerships with local beneficiaries and local or foreign tech partners to ensure knowledge transfer while addressing Egypt's development needs. This is in addition to identifying and executing key projects in those sectors either directly or through the ecosystem, for example the startups.

## **3. Capacity Building:**

It is to prepare Egyptian citizens for the AI era at all levels, from raising public awareness to guiding formal education and offering vocational and professional trainings.

## **4. International Relations**

Promoting international relations aims to foster Egypt's leadership position on the regional and international levels by championing relevant initiatives, representing African and Arab positions, and actively participating in AI-related discussions in different international organization such as the UNESCO, OECD, La Francophonie, ITU, WIPO, and others.

## **Egypt's AI Strategy Enablers:**

### **1. Governance:**

It is to track and monitor the implementation of the strategy, laws and regulations, ethical principles and guidelines.

### **2. Data:**

Data collection, management, security and availability is a very significant enabler in this field.

### **3. Ecosystem:**

It includes academia, research, startups, SMEs, MNCs, NGOs and civil society.

### **4. Infrastructure:**

The physical infrastructure includes computers, storage, connectivity, and ensures access by all members of the ecosystem.

## **Priority Sectors:**

- 1- Agriculture/environment and water management
- 2- Healthcare
- 3- Natural Language Processing (NLP)
- 4- Economic planning

## 5- Manufacturing and infrastructure management



## Related News

- 12 First Metaverse, AI Week: How Metaverse Can Expedite DX in Egypt  
Sep  
2023
- 07 Egypt Partakes in AI for Good Global Summit 2023  
Jul  
2023
- 27 OECD AI-WIPS Conference 2023 Holds  
Mar  
2023
- 14 Egypt Hosts Second Meeting of African AI Working Group  
Dec  
2022
- 26 Egypt Partakes in OECD AIGO First Session  
May  
2022
- 17 MCIT Partakes in 'AI, Arab World Post-Pandemic Future' Webinar  
Feb  
2022
- 02 Egypt Chairs Arab AI Working Group Third Session  
Dec  
2021
- 28 Egypt Partakes in ITU-UNESCO Regional Digital Inclusion Week for Arab States  
Nov  
2021
- 10 Egypt Partakes in Second GPAI Summit  
Nov  
2021
- 28 Egypt Chairs Second Meeting of Arab AI Working Group  
Oct  
2021
- 21 Egypt Partakes in WIPO Conversation on IP, Frontier Technologies  
Sep  
2021
- 14 MCIT, NVIDIA Co-Organize 'AI for Science Bootcamp'  
Sep  
2021
- 30 Egypt Partakes in GPAI Mid-Year Rendez-Vous 2021  
Jun  
2021
- 01 Egypt Partakes in IGF 2021 'Ethics in Technology, Internet Conference'  
Jun  
2021
- 26 Egypt Hosts World AI Show 2021

May  
2021



26 Egypt Partakes in UNESCO Intergovernmental Meeting of Experts on Draft  
Apr Recommendation on AI Ethics  
2021

08 Egypt Partakes in OECD CDEP 83rd Session  
Apr  
2021

27 C(4F)2 Hackathon Concludes, Winners Honored  
Mar  
2021

24 MCIT Launches Initiative to Raise Higher Education Students Awareness of AI  
Mar  
2021

18 MCIT, Dell Co-Organize C(4F)2 Hackathon  
Mar  
2021

14 Egypt Partakes in ITU 1st FG-AI4NDM Virtual Meeting  
Mar  
2021

10 MCIT Launches Project to Use AI in Early Detection of Diabetic Retinopathy  
Mar  
2021

25 Egypt Chairs AU Working Group on AI  
Feb  
2021

16 Egypt Elected Chair of Arab AI Working Group  
Feb  
2021

21 MCIT, Dell Technologies Sign Agreement to Launch AI Hackathon  
Jan  
2021

15 ITU AI/ML in 5G Grand Challenge Finale Kicks Off  
Dec  
2020

06 MCIT, IBM Sign MoU on Empowering Youth with AI Skills  
Nov  
2020

04 Egypt Partakes in WIPO Conversation on IP, AI Third Session  
Nov  
2020

16 Egypt Partakes in ITU FG-AI4AD  
Sep  
2020

06 Egypt Partakes in WIPO Conversation on IP, AI Second Session  
Jul  
2020

21 Egypt Partakes in 8th ITU/WHO Workshop on AI for Health  
Jan  
2020



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## Related Press Releases

14 MCIT Joins First Metaverse, AI Week to Explore Emerging Technologies  
Sep  
2023

27 ICT Minister Witnesses Signing of MOU, LOI with Huawei  
Jul  
2023

18 ICT Minister Witnesses Closing of 'AI Capacity Building Initiative' Round I  
Jul  
2023

30 MCIT Achievements in 10 Years  
Jun  
2023

20 Egyptian Charter for Responsible AI Launched  
Apr  
2023

14 MCIT, UNDP Step up AI Cooperation  
Mar  
2023

15 ICT Minister Delivers Speech at OECD Digital Economy Ministerial Meeting  
Dec  
2022

17 ICT Minister Witnesses Signing of Two Agreements with Teradata Egypt on  
Sep  
2022 Training, Capacity Building in DA, AI

30 ICT Minister, French Ambassador Discuss Boosting Investments in ICT Sector,  
May  
2022 Cooperation in DX, AI

29 ICT Sector Achievements in 2021  
Dec  
2021


14 MCIT, Civil Aviation Ministry Cooperate in IT, AI-Powered Projects  
Dec  
2021

19 ICT Minister, Singaporean Ambassador Discuss Enhancing Cooperation in ICT  
Jul  
2021

13 ICT Minister, Singaporean Counterpart Witness Signing Agreement to Transfer  
Jul  
2021 Knowledge, Train Trainers in AI

04 ICT Minister Announces Launch of AI Platform during National AI Council Fourth  
Jul  
2021 Session

- 30 Jun 2021 ICT Minister, French Firms Discuss Cooperation to Develop AI Solutions to Run Smart Cities
- 31 May 2021 ICT Minister Delivers Inaugural Speech at World AI Show
- 15 May 2021 MCIT Participates Actively in Drafting OECD Recommendations on Responsible Use of AI
- 16 Mar 2021 ICT Minister Witnesses Signing MoU between MCIT, Thales to Develop Apps, Build Capacity in AI
- 15 Jan 2021 ICT Minister, Nigerian Counterpart Discuss Enhancing Cooperation in Tech App Development, Capacity Building, AI
- 05 Dec 2020 ICT Minister Chairs National AI Council Second Meeting
- 04 Dec 2020 ICT Minister, S. Korean Ambassador Talk Cooperation in AI, Capacity Building, Electronics Manufacturing
- 17 Nov 2020 ICT Minister, Hungarian Ambassador Discuss Cooperation in AI, Data Science, Capacity Building, Cybersecurity
- 12 Nov 2020 Egypt Moves Up 55 Places on Government AI Readiness Index
- 06 Oct 2020 ICT Minister, French Counterpart Talk Enhancing Cooperation in AI, Capacity Building, Entrepreneurship
- 23 Sep 2020 ICT, Agriculture Ministers Discuss Using AI to Develop Agriculture Sector
- 11 Sep 2020 ICT Minister Witnesses Signing Agreements with Int'l Tech Companies to Implement AI-Powered Health, NLP Projects
- 03 Sep 2020 ICT Minister Witnesses Signing Agreement between MCIT, aiVision in AI-Powered Diabetic Retinopathy Early Detection
- 11 Aug 2020 ICT Minister Delivers Speech in Virtual Regional Consultation on Ethics of AI - Arab States Region
- 21 Jul 2020 ICT Minister Witnesses Signing Agreement between AIC, iFLYTEK in AI-Powered NLP
- 20 Jul 2020 ICT Minister, AOI Chairman Witness Signing Cooperation Agreement between AOI, EPITA

- 09 Jun 2020 AI, ML Training for 500 SMEs Employees Launches within 'Our Digital Opportunity' Initiative 
- 06 Mar 2020 ICT Minister, IDEMIA CEO Talk Cooperation in AI, Digital Identity
- 26 Feb 2020 Cooperation Protocol between Culture Ministry, MCIT to Revive Intellectual, Artistic Heritage Using AI, VR
- 07 Feb 2020 ICT Minister Chairs National AI Council First Meeting
- 18 Dec 2019 ATICM Adopts Egyptian Proposal for Forming Arab AI Team
- 06 Dec 2019 Egypt Hosts AU Working Group on AI First Session
- 25 Sep 2019 ICT Minister Discusses Cooperation with Ecole Polytechnique in Capacity Building and Joint Research Activities in AI
- 05 Aug 2019 During Visiting China, ICT Minister Witnesses Signing MoU between ITIDA, iFlytek on Cooperation in AI
- 19 Jul 2019 ICT Minister, French Ambassador Discuss Cooperation in AI, Entrepreneurship
- 07 Jun 2019 ICT Minister Meets Japanese ICT Companies Officials to Discuss Partnerships in AI, Technological Innovation
- 06 Jun 2019 ICT Minister Visits Japan, Discusses Cooperation in AI with Japanese Counterpart
- 26 May 2019 Egypt, Finland Cooperate in AI

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## Related Press Kits

- 14 Sep 2023 First Metaverse, AI Week
- 27 Apr 2021 UNESCO Intergovernmental Meeting of Experts on Draft Recommendation on AI Ethics



## Related Webcasts



ICT Minister Speech at 'Story of Homeland' 2023 Conference  
02 Oct 2023

XR for Good: Metaverse Startup Competition 2023  
14 Sep 2023

ICT Minister Interview on CNBC Arabia  
11 Aug 2021

ICT Minister on Phone-in on Al Nahar TV  
08 Aug 2021

ICT Minister Advisor Interview on Extra News  
01 Jun 2021

ICT Minister Advisor Talk at 'Ethics in Technology, Internet' Conference  
01 Jun 2021

ICT Minister Speech at World AI Show 2021  
31 May 2021

How Egypt Empowers Young People for AI, Future of Work  
06 May 2021

ICT Minister Advisor for AI Interview on Extra News  
22 Nov 2020

ICT Minister Advisor for AI Interview on ON TV  
19 Nov 2020

## AI for Everyone Webinar

26 Oct 2020



## ICT Minister Advisor for AI Promotes UNESCO AI Regulatory Framework

16 Oct 2020

### Related Photo Gallery

#### Metaverse Startup Competition 2023 Award Ceremony

14 Sep 2023

#### First Metaverse, AI Week

12 Sep 2023

#### ICT Minister Witnesses Signing of MOU, LOI with Huawei

27 Jul 2023

#### ICT Minister Witnesses Closing of 'AI Capacity Building Initiative' Round I

18 Jul 2023

#### MCIT, UNDP Step up AI Cooperation

14 Mar 2023

#### ICT Minister Delivers Speech at OECD Digital Economy Ministerial Meeting

15 Dec 2022

#### ICT Minister Witnesses Signing of Two Agreements with Teradata Egypt on Training, Capacity Building in DA, AI

17 Sep 2022

#### ICT Minister, French Ambassador Discuss Boosting Investments in ICT Sector, Cooperation in DX, AI

30 May 2022

MCIT, Civil Aviation Ministry Cooperate in IT, AI-Powered Projects

14 Dec 2021



ICT Minister, Singaporean Ambassador Discuss Cooperation in ICT

20 Jul 2021

ICT Minister, Singaporean Counterpart Witness Signing Agreement in AI-ToT

12 Jul 2021

ICT Minister Announces Launch of AI Platform during National AI Council Fourth Session

04 Jul 2021

MoU Signing Ceremony between MCIT, Thales

16 Mar 2021

ICT Minister, Nigerian Counterpart Discuss Enhancing Cooperation in Tech App Development, Capacity Building, AI

15 Jan 2021

ICT Minister Chairs National AI Council Second Meeting

05 Dec 2020

ICT Minister, S. Korean Ambassador Talk Cooperation in AI, Capacity Building, Electronics Manufacturing

04 Dec 2020

ICT Minister, French Counterpart Talk Enhancing Cooperation in AI, Capacity Building, Entrepreneurship

06 Oct 2020

ICT, Agriculture Ministers Discuss Using AI to Develop Agriculture Sector

23 Sep 2020

## ICT Minister Delivers Speech in Virtual Regional Consultation on Ethics of AI - Arab States Region



11 Aug 2020

## ICT Minister Witnesses Signing Agreement between AIC, iFLYTEK in AI-Powered NLP

21 Jul 2020

### Related Publications

- › MCIT Yearbook 2022
- › MCIT Yearbook 2021
- › Egypt National Artificial Intelligence Strategy
- › MCIT Yearbook 2020

### Related Documents

- › Initial Policy Considerations for Generative AI
- › Artificial Intelligence in Science
- › AI Language Models: Technological, Socio-Economic, Policy Considerations
- › Measuring Environmental Impacts of AI Compute, Apps: AI Footprint
- › Blueprint for Building National Compute Capacity for AI
- › Recommendation of OECD Council on AI
- › Government AI Readiness Index 2020 Report

### Related Features

- › AI and Future of Jobs

### Related MCIT in Press

- › MCIT Commits to Grow AI Industry in Egypt
- › Egypt Lays Solid Foundation for AI Industry
- › MCIT, AUC, Dell Collaborate to Boost AI Capacity
- › MCIT, EMA Ink Protocol to Employ AI in Weather Forecasting
- › Egypt Develops AI Strategy to Serve Development Goals

## Related Websites



- › AI Platform
  - › International Telecommunication Union | ITU
  - › Organization for Economic Cooperation and Development | OECD
  - › United Nations Educational, Scientific and Cultural Organization | UNESCO
  - › African Union
  - › League of Arab States | LAS
  - › World Intellectual Property Organization | WIPO
  - › The International Organization of la Francophonie | OIF
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