



The UAE's Industries in the Next 50 Years

Modernization of the industry and manufacturing sector is one of the important components of the United Arab Emirates (UAE) agenda for the “Year of Preparation for the Next 50 Years.” The industrial strategy is to elevate the UAE into a global hub for knowledge-based, sustainable and innovation-focused businesses, based on modern technologies such as artificial intelligence.



Our wise leadership has succeeded in defining this year's plans and the plan for the next 50 years, in order to achieve comprehensive development in the industrial and manufacturing sector, especially in the face of a multiplicity of challenges in the different environments that surround us.

The challenges ahead will require concerted efforts, continuous coordination between the various sectors, and the use of the latest technologies to ensure the provision of the necessary data for the sectors that are faced with any potential challenge.

Here, artificial intelligence plays an important role within the strategic directions pursued by the Emirati industries in their various fields and installations, towards adopting and developing advanced digital technologies. This will create an efficient system to deal with huge amounts of data and analyze different developments and scenarios.

The industrial sector is a strategic sector and a major driver of the country's economic growth which is why the UAE government is committed to supporting the sector for the next five decades, by

encouraging and facilitating policies that attract both local and foreign investors with incentives that encourage them to establish or expand their industrial projects.

The UAE government is also adopting and implementing specific programs and initiatives to support enterprises and develop mechanisms that stimulate investment, and formulate innovative investment policies that facilitate the flow of capital and foreign direct investment to the country.

Industrial areas and cities throughout the UAE contribute to developing the country's advanced industrial sector, boosting its growth, and enhancing its sustainable economy based on knowledge and innovation under a leadership that makes the impossible possible.

The industrial sector's dependence on artificial intelligence technologies in the next

Artificial intelligence plays an important role within the strategic directions pursued by the Emirati industries in their various fields





50 years is an inevitable strategic choice in the era of globalization, as these technologies do not usually require significant human intervention in their work thus reducing production costs. Industrial systems with artificial intelligence are able to provide instant support to various factories and laboratories.

The technologies also create joint coordination between smart industrial systems without human intervention or between the systems and the individuals on the other hand as well as their ability to provide solutions and suggestions that help in decision-making. Artificial intelligence systems are able to anticipate future scenarios, estimate levels of potential societal requirements, and design and develop appropriate plans for each type of industry.

Supportive conferences and exhibitions

To ensure the participation of decision-makers, and to achieve a common vision towards industrial prosperity in the UAE over the next fifty years, the government intends to intensify hosting or participating in international forums, conferences and exhibitions in the developed world to understand the economic expectations

and forecasts, and to keep pace with the latest trends and best practices in the field of industrial investment. Attending international gatherings helps to explore innovative policies and find effective dynamic working mechanisms to deal with economic challenges as well as knowing the opportunities available for the growth of different industries. It will be important for our government to identify the types of industries that will address the increase in demand for particular commodities in the Arab region in particular and the world in general.

A wide range of major industrial projects and

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investments are launched in the UAE, topped by projects of developing oil and gas fields and increasing interest in renewable energy, shipping, defense and military industries, as well as food, rubber, plastics and transformational industries.

Industrial map

Strategic planning and work priorities are crucial for maintaining the economic prosperity of the UAE. Many investment projects in the industrial sector are taking place in accordance with the latest technologies in artificial intelligence and the findings of the Fourth Industrial Revolution.

Today, artificial intelligence finds a wide place for application within the various programs of the Emirati industry to raise the readiness of its employees, through computer systems that are similar to the real environments and provide realistic simulations of the various developments in the world. The dependence on artificial intelligence technologies increases as a pivotal pillar for the readiness of the various industrial equipment, means and tools against all obstacles and difficulties.

The UAE is moving with confident steps

within this field to harness artificial intelligence technologies within its national industries. Perhaps the international conferences and exhibitions held by the UAE during the past years, which emphasized its endeavor towards serious investment for developing artificial intelligence systems, helped in providing innovative industrial solutions. The UAE seeks to transform into an exporter of industries dependent on artificial intelligence in light of the potential and promising opportunities in this field.

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