



## **Signing A Protocol Between Alexandria University And The Arab Organization For Industrialization For Cooperation In The Fields Of Water Desalination Plants And Renewable Energy Uses**



Within the implementation of President Abdel Fattah El-Sisi's directions to enhance cooperation between the state's industrial and research institutions and exploit national manufacturing capabilities to deepen local industrialization and localize technology for designing and manufacturing equipment for desalination plants and renewable energy uses, in accordance with international quality standards, Lieutenant-General Abdel Moneim Al-Terras, President of the Arab Organization for Industrialization, witnessed today Signing a joint cooperation protocol between Alexandria University and the Arab Organization for Industrialization, with the aim of transferring technical knowledge in the fields of water desalination and renewable energy uses.

The protocol was signed by Dr. Abdel Aziz Konsowa, President of Alexandria University, and Engineer Abdel Rahman Abdel Azim

Othman, Director General of the Authority, at the headquarters of the Arab Organization for Industrialization in Cairo.

For its part, the “Terrace” praised the expertise of the University of Alexandria and its scientific and research centers specialized in the field of seawater desalination, well water, and sewage and industrial wastewater treatment. Expenses of importing components that are used in the manufacture of desalination plants, and settling this industry in a way that contributes to reducing the price of a cubic meter of desalinated water and achieving a high added value for the national industry, stressing the importance of strengthening joint cooperation to discuss successful models of technical and economic feasibility at Alexandria University that can be applied to the industrial level by converting research outputs to the scope of quantitative industrial production, and pointed out that the areas of cooperation aim to meet the needs of the local market and national projects, and to expand in the future to African and Arab markets. Targeted training of technical personnel on technology, processing and after-sales services for technical cadres determined by the Arab Organization for Industrialization in cooperation with Alexandria University, as well as providing the necessary support for research and development work, benefiting from research and applied studies at the university, and conducting market studies for targeted products locally and abroad.

For his part, Prof. Kansouh, President of the University, praised the pivotal role played by the Arab Organization for Industrialization in introducing the latest production technologies and deepening local manufacturing in accordance with international quality standards, pointing to the importance of strengthening cooperation with Arab Industrialization to reduce the economics of establishing seawater desalination plants within the framework of the government’s direction to find alternatives. Unconventional water resources, and expansion in the establishment of seawater desalination plants,

especially in coastal cities, in addition to increasing the production and capacities of some existing plants. Through technological development and innovation, pointing out the importance of reaching the minimum percentage of the local component in various industrial sectors to a percentage close to 100%. and ultimately contribute to achieving the main goals of sustainable development.

The signing of the protocol was attended by Major General Issam Arafa, Chairman of the Board of Directors of the Engine Factory at the Arab Organization for Industrialization, Major General Ismail Head of the technical sector in the authority, and Dr. Essam Wahba, Vice Dean of the Faculty of Engineering, Alexandria University for Community Service and Environmental Development Affairs.