

# Arab Organization for Industrialization (AOI)



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# Arab Organization for Industrialization (AOI)



- Arab Organization for Industrialization (AOI) was established in 1975 by four cofounders: (Egypt, Saudi Arabia, United Arab Emirates and Qatar) to be an industrial hub applying advanced technology to meet the requirements of the Arab, African and Middle East markets. In 1979 Egypt took full control over AOI.
- AOI is the locomotive of the national industry fully committed to quality standards of production and appropriate price. Working to serve the goals of comprehensive development as a leading industrial organization.

# Arab Organization for Industrialization (AOI)



- AOI is an International Arab Organization both financially and administratively independent. The President of Egypt is the chairperson of AOI supreme committee.
- AOI enjoys some concessions such as tax exemption and customs duty free.

# Arab Organization for Industrialization (AOI)



- Arab Organization for Industrialization (AOI) owns 14 factories working in different multiple business domains.
- AOI has more than 11,000 skilled personnel trained at AOI centers as well as many specialized institutes inside Egypt and abroad.



# **AOI fields of Manufacturing**

# AOI fields of Manufacturing



**Renewable Energy**

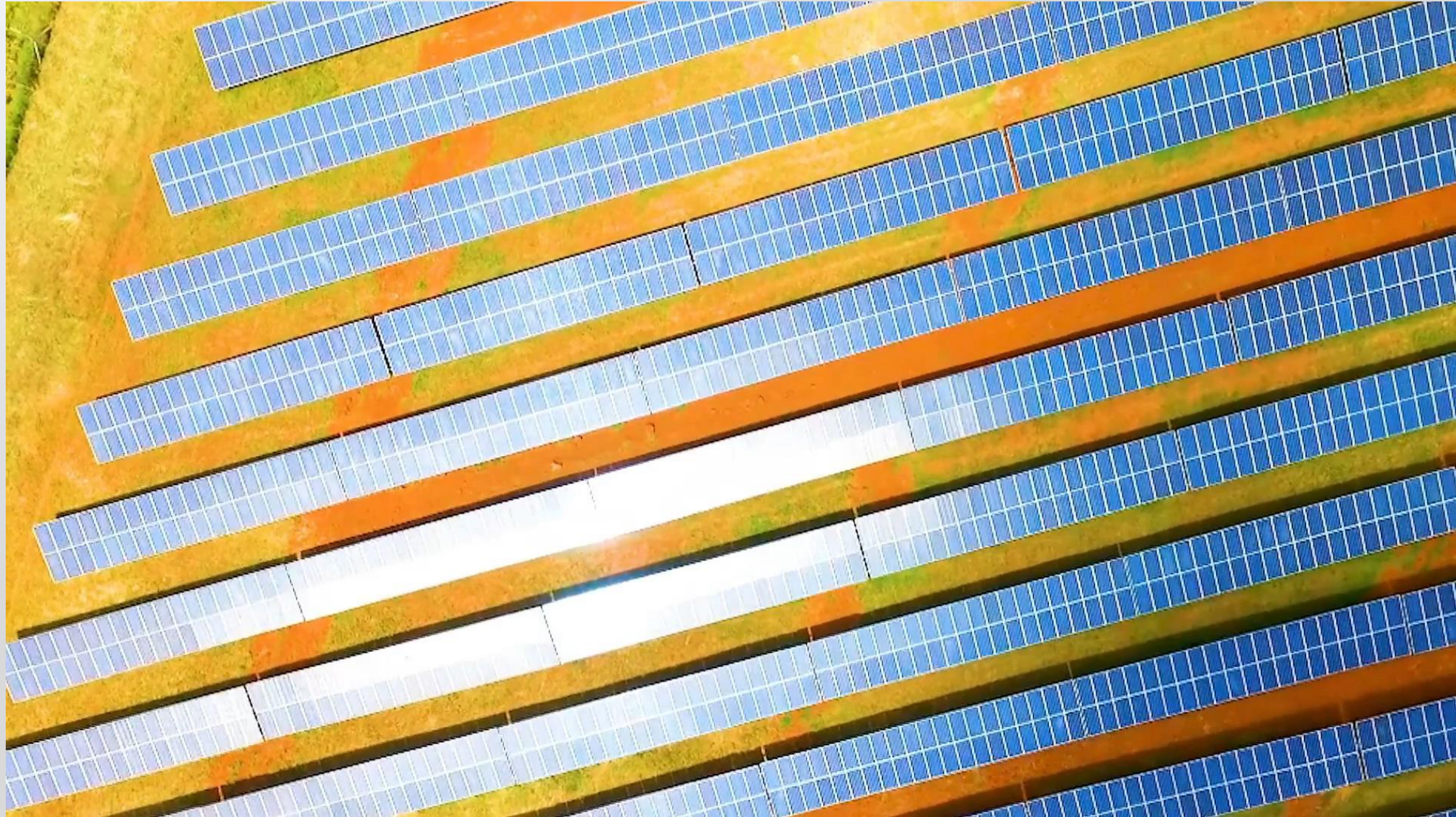


**TOYOTA / JEEP**

**Automotive Industry**



# Arab Renewable Energy Company





# Arab American Vehicles Company



**Assembly and manufacturing of Cars and Electrical buses**

**Cooperation with Universities  
and Research Institutes in  
manufacturing, assembly and  
developing of electrical cars**

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# AOI fields of Manufacturing



**Electronic industry**



**Medical Industry**



**Railways Industry**

# AOI fields of Manufacturing



**Wooden and Plastic Products**



**Friendly environment  
projects such as:  
Water desalination plants**



**Infrastructure Projects**

# AOI fields of Manufacturing



**Agricultural equipment and Greenhouses  
Production**



**Spare parts for Oil and Gas companies,  
Power plants, Textile companies, ...etc**



# Technological capabilities of AOI

# Updated Production lines



**Production line of Printed Circuit Boards in Electronics Factory**

# Updated Production lines



**Production line of polyethylene pipes – Helwan Factory**



# Establishment of New factories equipped with latest technologies



**Establishment of Arab African Company for Medical Equipment**

# Digital Manufacturing Workshop



**DMU 600 GANTRY MACHINE- SEMAF Factory for Railway Industries**

# Using the latest technologies for Railway Industries



**Welding Robot uses AI and Machine Learning in welding different types of materials- SEMAF Factory for Railway Industries**

# Establishment of Digital Manufacturing Center



**Digital Manufacturing Center DMC – Engines Factory**

# Technological capabilities of AOI

All previously mentioned technological capabilities helped in:

**Growth of strategic Industries which led to Localization and Export**

- AOI is committed to the development and acquisition of the latest technologies and equipment, together with the support of our success partners AOI is certified by many reputable organizations in several industries.

**Application of Industry 4.0 technologies**

- AOI developed and established many of AOI factories and production lines with latest SMART MACHINES equipped with IOT and AI applications.


**Sustainable future**



- AOI factories are certified for ISO 14001 Environmental Management System besides ISO 9001 and ISO 45001.
- AOI utilizes state-of-the-art equipment that minimizes pollution emissions.

# Accreditation of AOI





# Enhancing the skill proficiency of Human Resources

# AOI Training Academy Success Partners



Information Technology



Integrated Manufacturing



Automation and PLC





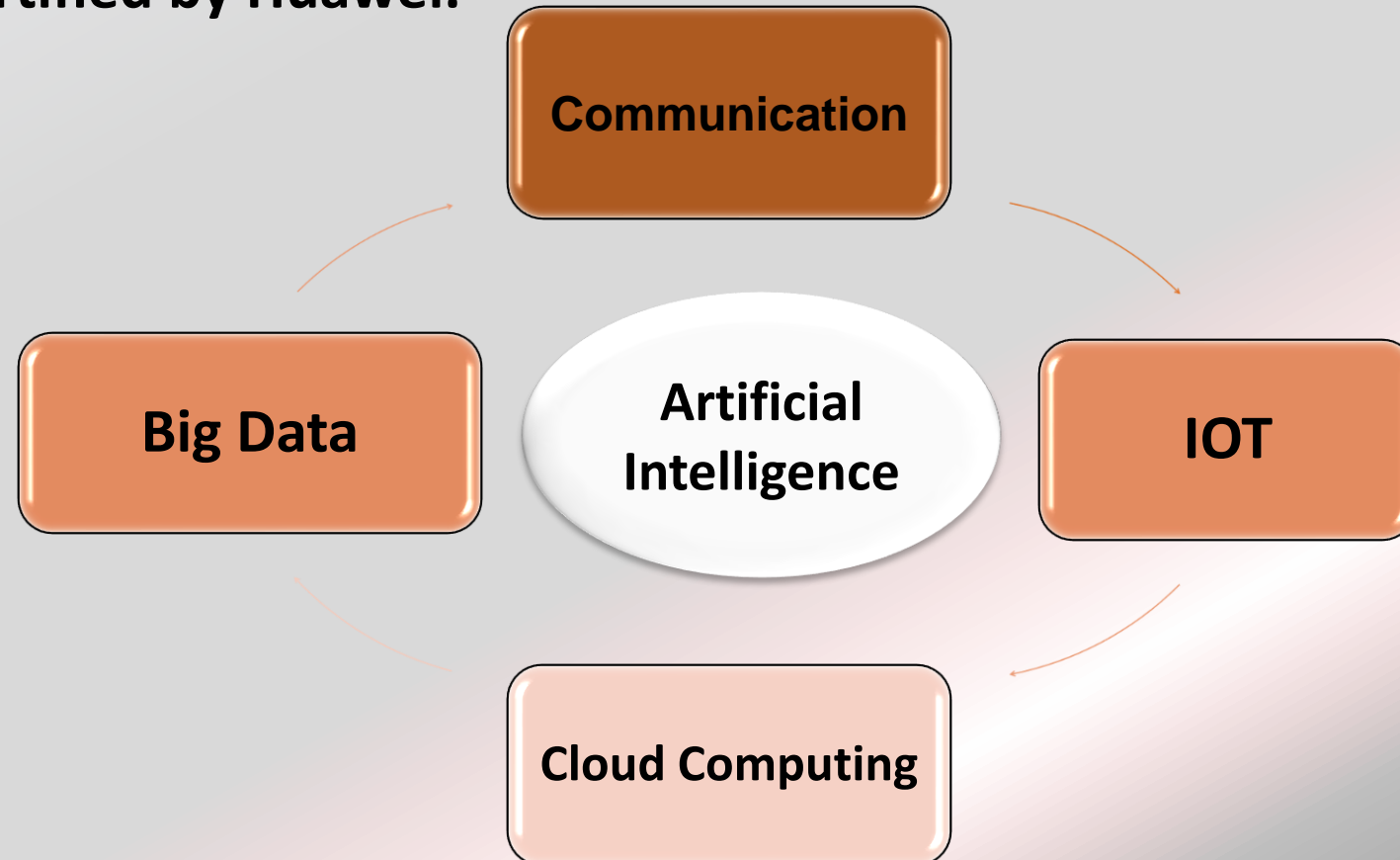
# IT labs in cooperation with Huawei



**AOI Training Academy gained top Huawei certified academy for the year 2022**

## Capabilities of IT Labs

The labs are equipped with the latest systems and devices for training in the technologies of the Industry 4.0 All training programs, scientific materials, and trainers are certified by Huawei.



# AOI TRAINING ACADEMY



# Future Projects

AOI aims to contribute to future projects that intersect between **Solar Energy, Automotive Industry and AI.**

By combining these three fields we can create a more sustainable and efficient future.

**Let's work together to make this vision a reality.**

# Thanks