



Arab Internet of Things & Artificial Intelligence Challenge 2022



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Main Partners



**Global Innovation
& Entrepreneurship**
we believe innovators will shape our future



Local Organizers Partners



LOGO.ADAM96.COM





What Is Arab IoT & AI Challenge?

Arab IoT & AI Challenge is a regional capacity-building and pre-incubation program for High School Students, Senior University Students and Startups that have innovative ideas in the areas of Internet of Things (IoT) & Artificial Intelligence (AI) and related fields.

The challenge is not just a competition, it's a **digital transformation movement**, that's why it delivers training and workshops to the participants and provides them with all the needed support. After the training, participants compete in the local finals, then winners from each country get qualified to the regional finals within GITEX Technology Week in Dubai in October.





Why IoT & AI?



The Internet of Things (IoT) and Artificial Intelligence (AI) are the evolution that will dramatically change all existing industries. Services and products powered by both will achieve digital transformation making corporates & big technology providers, as well as governments, put significant efforts into developing solutions for their beneficiaries, which will enable them to reach new levels of efficiency and optimization to improve people's lives, skills and capabilities.





Mission



to build qualified calibers
in the new technologies in the Arab region





Arab IoT & AI Challenge Tracks



High Schools

Senior high school students in STEM schools across Arab countries to get trained on design thinking and selected technical topics related to new technologies in a semester-long program.



Graduation Projects

A capacity building program for a whole academic year for senior university students of related schools who are willing to make their graduation projects in one of the IoT & AI fields.



Startups

A pre-incubation program for the startups that are already working or willing to work on IoT & AI applications.





Challenge Categories



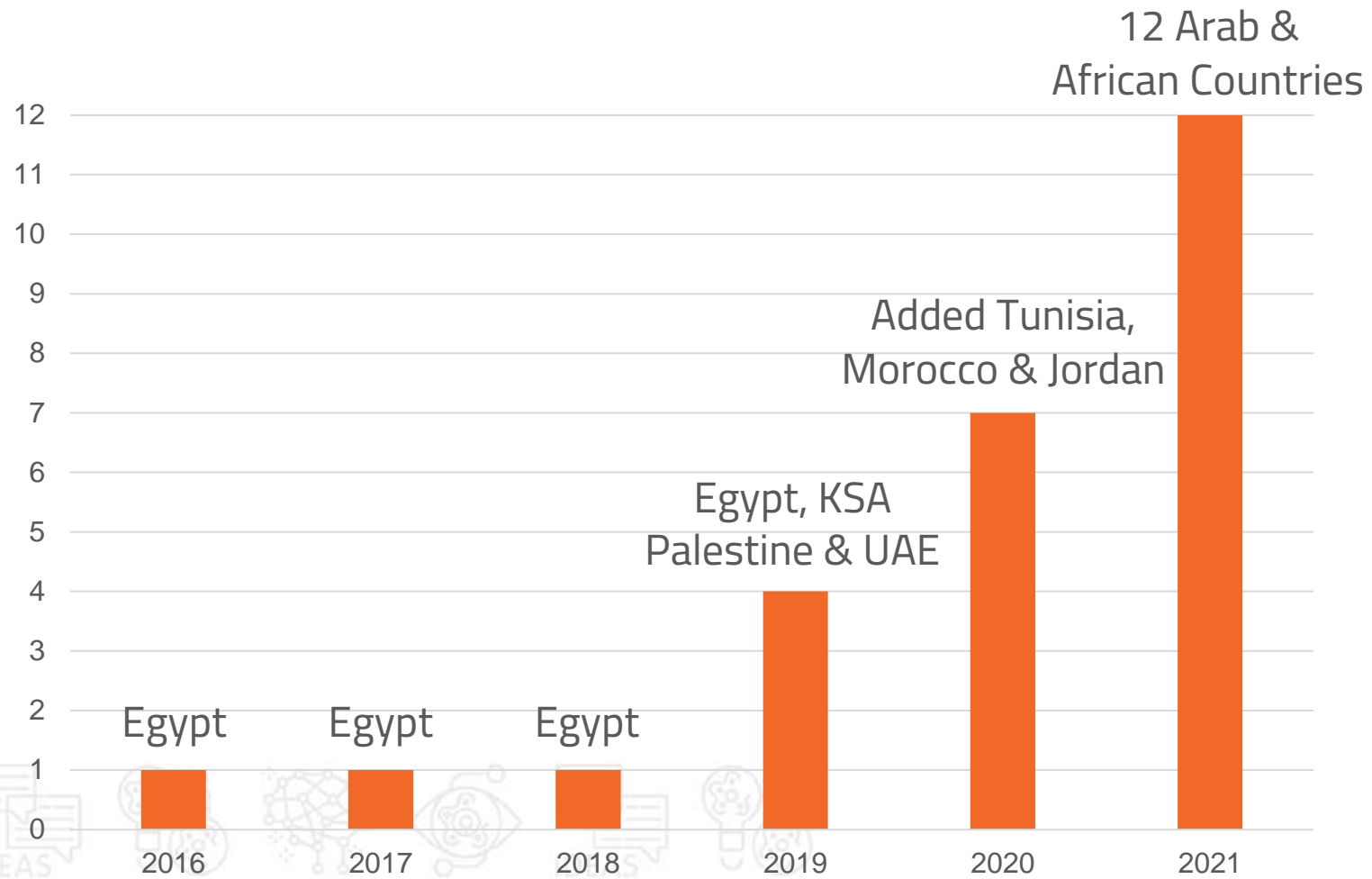
The program accepts projects in all fields; FinTech, Healthcare, Transportation, etc. Each local partner can set certain categories as per their local challenges, sponsor's request, or leave it open for all innovators.

The expected outcome from participants by the end of the program is Minimum Viable Products (MVP) to be qualified to join the finals.





Challenge History & Expansion



■ Countries



Challenge Statistics (2016 - 2021)



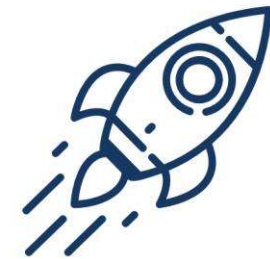
High Schools

516 Projects
1498 Students



Graduation Projects

511 Projects
2173 Students



Startups

358 Startups
1187 Participants





Participating Countries



EGYPT
IoT&AI
CHALLENGE



Jordan
IoT&AI
CHALLENGE



KSA
IoT&AI
CHALLENGE



Lebanon
IoT&AI
CHALLENGE



Morocco
IoT&AI
CHALLENGE



Oman
IoT&AI
CHALLENGE



Palestine
IoT&AI
CHALLENGE



Tunisia
IoT&AI
CHALLENGE



UAE
IoT&AI
CHALLENGE





Challenge Timeline





Arab IoT & AI Challenge is a Journey of Learning

The Arab Challenge is a journey of learning where the participants can build a real business through many phases:

1. **Ideation Phase:**

participants receive intensive training on business ideation and product development. After the training, participants present their ideas in a pitching competition. Selected teams pass this filtration phase to the technical support phase.

1. **Technical Support:**

Participants receive further mentorship, access to fabrication labs and technical assistance to build their working prototypes and Minimum Viable Products (MVP).

1. **Local Demo Days:**

Each country organizes a local demo day to choose the winners in each track to be qualified to the regional finals.

1. **Regional Finals:**

Winners from each country participate in the final demo day to compete for the regional winners title.



Business & Technical Training

It's an ideation training for the participants to develop their ideas and learn how to create business model canvas, then they go into the technical training to discover all the technical aspects that they need to create their projects.





Business & Technical Training





Business & Technical Training

Welcome Session - Morocco IoT & AI Challenge

Participants in the grid: You, Ayoub Essaghyr, Wissal Kherbache, Loubna Knouzi, Mohamed BAUDRA, Cherif youssa, ABDERRAHMAN Ikram, mohamed zahar, walid aithaj, Anouar EL MOURABIT, Ibrahim MESTADI, Ourayma Khattabi, chaimae moumou, Anass AIT BEN EL ARBI, Abdallah ALLAM, Anouar EL MOURABIT, Abd Eddine Somate.

People (17): Kawtar Choubari (You), Abdallah ALLAM, ABDERRAHMAN Ikram, Alaa Eddine Somate, Anass AIT BEN EL ARBI, Anouar EL MOURABIT, Anouar EL MOURABIT, Ayoub Essaghyr, chaimae moumou, Cherif youssa, Ibrahim MESTADI.

18:39

Participants in the grid: ABDERRAHMAN Ikram (highlighted), Mohamed BAUDRA (with chat window).

Chat: Mohamed BAUDRA, <https://www.facebook.com/Agrotech.Inc>





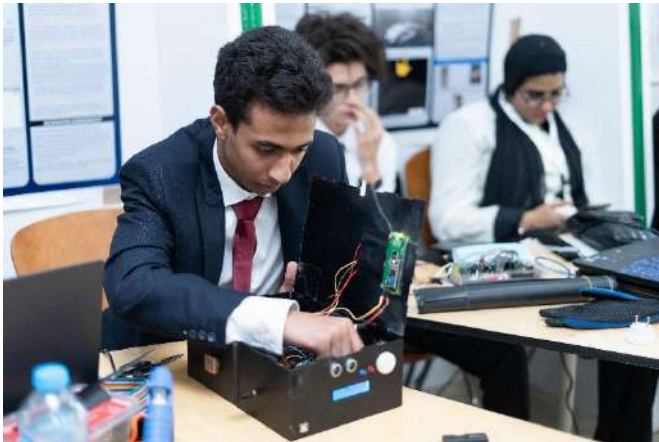
Projects Exhibition

The challenge provides the participants with the opportunity to present their work in front of technology experts and business leaders through the exhibition in the local and regional finals.





Projects Exhibition



IDEAS

IDEAS

IDEAS





Final Pitching, Dubai, 2019





Regional Final Challenge, Dubai, 2019





Regional Final Challenge, Virtual, 2020

ARAB IoT & AI CHALLENGE

MNISAT

Tilawa By Data Lab

WTI
WAY TO INNOVATION

1st Place

2nd Place

3rd Place

Omnisat

Digital Solution for Efficient Water Demand Management

UAE

Morocco

Jordan



Final Pitching, Dubai, 2021





Regional Final Challenge, Dubai, 2021





Regional Final Challenge, Dubai, 2021

THE ARAB CHAMPIONS
ARAB FINALS 2021



GRADUATION PROJECTS

1ST PLACE WINNER
INDUSTRY 4.0 TEAM



EGYPT

THE ARAB CHAMPIONS
ARAB FINALS 2021



GRADUATION PROJECTS

3RD PLACE WINNER
FIRE FIGHTING TEAM



LEBANON

THE ARAB CHAMPIONS
ARAB FINALS 2021



GRADUATION PROJECTS

2ND PLACE WINNER
NOFOASTY TEAM



MOROCCO

THE ARAB CHAMPIONS
ARAB FINALS 2021



GRADUATION PROJECTS

THE BEST PITCHING AWARD
NABDA TEAM



EGYPT





Regional Final Challenge, Dubai, 2021

THE ARAB CHAMPIONS
ARAB FINALS 2021



THE ARAB CHAMPIONS
ARAB FINALS 2021



THE ARAB CHAMPIONS
ARAB FINALS 2021



THE ARAB CHAMPIONS
ARAB FINALS 2021



Arab IoT & AI Challenge
Startups
Best Pitching



STARTUP PROJECTS

THE BEST PITCHING AWARD
BELJWAR TEAM



UAE

Arab IoT & AI Challenge
Startups
3rd Place



STARTUP PROJECTS

3RD PLACE WINNER
ALIEN DIMENSION TEAM



TUNISIA

Arab IoT & AI Challenge
Startups
2nd Place



STARTUP PROJECTS

2ND PLACE WINNER
PERSAVIA NEXT AV TEAM



TUNISIA

Arab IoT & AI Challenge
Startups
1st Place



STARTUP PROJECTS

1ST PLACE WINNER
DECAPOLIS TEAM



JORDAN



IDEAS





Regional Final Challenge Video, Dubai, 2021



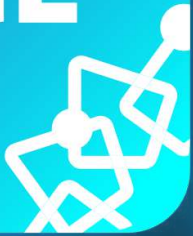
IDEAS





IoT & AI Knowledge Hub

IoT&AI
**KNOW
LEDGE
HUB**



Beside the main activities of the challenge; training & competition, we are continuously working on building a strong brand and a loyal community of geeks.

We have an educational platform called “**IoT & AI Knowledge Hub**” to offer the Arab IoT & AI community online workshops, panel discussions, interviews and other types of online content to help them start their careers in these fields, learn about expected career paths and different titles, useful resources and tools, listen to success stories of Arab developers working in giant tech companies and how to follow their steps.





IoT & AI Knowledge Hub Activities

Since its first launch, we released a series of:

- Workshops
- Sessions
- Tutorial

In partnership with:

- Intel
- Amazon Web Services
- Vodafone
- Here Technologies





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