AL-AHSA INTERNATIONAL
INNOVATIONS & INVENTIONS
COMPETITION

مسابقة الأحساء الدولية
للابتكارات والاختراعات

1ST EDITION · 2026-2027

Al-Ahsa International Innovations & Inventions Competition

مسابقة الأحساء الدولية للابتكارات والاختراعات

From the heart of the oasis to the world — fifty innovations, developed with artificial intelligence and presented to the organizations ready to adopt them, in a first edition launching from Al-Ahsa.

REGISTRATION OPENS	CLOSING CEREMONY	VENUE	FIELDS
25 Nov 2026	**28 Jan 2027**	**Al-Ahsa Governorate**	**8 tracks**

Official Competition Guide · v1.0 · October 2026

50	8	300+
INNOVATIONS	FIELDS	VISITORS

— ABOUT THE COMPETITION

A competition that starts with an idea – and doesn't end at the award.

The competition is open to innovators and inventors across Saudi Arabia. Accepted innovations are screened against published criteria, developed with AI technologies, showcased to organizations interested in adopting them, and celebrated at a closing ceremony announcing the winners of each track.

50
Target innovations in the first edition

15
Training hours to develop innovations

300+
Visitors to the expo and ceremony

10+
Organizations interested in adoption

Vision

To be a leading national platform that showcases Saudi innovators and inventors, helps them apply AI to develop their innovations, and connects them with the development and investment bodies interested in adopting them.

Mission

To nurture innovators and develop their work through a fair, transparent competitive environment, with integrated technical and knowledge support through AI tools and engagement with supporting organizations.

— OBJECTIVES

Five objectives. Measurable outcomes.

01 Attract innovators and inventors from across the Kingdom and showcase their abilities.

02 Develop participating innovations with modern AI technologies through hands-on workshops.

03 Provide a fair, transparent competitive environment built on published, documented judging criteria.

04 Establish Al-Ahsa and Misbar as a regional destination for innovation.

05 Connect innovations with stakeholders and the development and investment bodies interested in adopting them.

— FIELDS OF PARTICIPATION

Eight fields. One track for every innovation.

01 **Medicine & Health**
Medical devices, diagnostics, healthcare and digital health solutions.

02 **Engineering**
Mechanical, civil and electronic engineering solutions.

03 **Energy & Industry**
Energy efficiency, manufacturing and renewable energy.

04 **Environment & Sustainability**
Water and waste management, climate adaptation and sustainable impact.

05 **AI & Emerging Technologies**
AI models, software, robotics and the Internet of Things.

06 **Natural & Life Sciences**
Chemistry, physics, biology and advanced materials.

07 **Agriculture & Food Security**
Smart farming, date palms and food supply chains.

08 **Other Fields**
Any innovation outside the fields above, assessed with criteria suited to its nature.

— PARTICIPANT JOURNEY

From registration to adoption.

Eight stages with published criteria and set dates — known to every participant before they begin.

01

Initial registration

Submit participant and innovation details through the online form before 20 December 2026.

02

Screening & classification

Applications are reviewed against participation criteria and assigned to one of the eight tracks.

03

Preliminary judging

A specialist committee gives accepted innovations an initial assessment using published, objective criteria.

04

Workshops & AI-driven development

15 hours of training delivered by specialists to develop innovations using AI tools.

05

Innovation showcase

An exhibition before 300+ visitors and prospective adopters — 28 January 2027, Al-Ahsa.

06

Final judging

Final assessment after development and showcase, including the parallel AI judge (10% of the score).

07

Winners announced

Winners of each track are honored at the closing ceremony in Al-Ahsa.

08

Matching with adopters

AI tools match each innovation with the development and investment bodies best suited to it.

— A FIRST IN COMPETITION JUDGING

The smart fifth seat.

For the first time in a regional competition, judging combines human expertise with the speed and objectivity of AI.

10%

of each innovation's final score is awarded by the parallel AI judge

An AI system trained on Saudi market and patent data assesses every innovation on four published, objective criteria, and submits a separate report to the human judging panel before final decisions are made.

- Economic feasibility
- Novelty
- Use of AI
- Scalability

— KEY DATES

First edition timeline.

25 Nov 2026

Registration opens

Competition launch; applications received through the official online form.

20 Dec 2026

Registration closes

Final deadline for applications, followed by screening and acceptance notices.

23 Dec – 20 Jan

Preliminary judging & workshops

15 training hours to develop innovations with AI over a full month.

28 Jan 2027

Expo & closing ceremony

Al-Ahsa Governorate — innovations showcased to visitors and adopters, and winners honored.

— ORGANIZER

Misbar Digital Intelligence Association.

A Saudi nonprofit and digital empowerment platform for data science and artificial intelligence, working in line with Saudi Vision 2030.

About Misbar

Misbar develops digital capabilities and empowers individuals and organizations to apply AI and data science in work and life, in support of national digital transformation.

misbar.org.sa

Venue — Al-Ahsa

Al-Ahsa Governorate, the world's largest palm oasis and a UNESCO World Heritage site — a fitting starting point for a competition whose motto is "From the heart of the oasis to the world."

Register your innovation.

Registration is open to all innovators and inventors across Saudi Arabia. Register your interest now and we'll notify you as soon as the form opens on 25 November 2026.

OPENS	CLOSES	CEREMONY
25 Nov 2026	20 Dec 2026	28 Jan 2027

Al-Ahsa Governorate, Kingdom of Saudi Arabia

ORGANIZED BY

Misbar Digital Intelligence Association
جمعية مسبار للذكاء الرقمي