GOSH | 7th GLOBAL OCCUPATIONAL SAFETY & HEALTH CONFERENCE

National Council for Occupational Safety & Health

Human Resources and Social Development

برنامج التحول الوطني
National Transformation Program

VISION رؤية
2030
KINGDOM OF SAUDI ARABIA

Guide to the
Global Occupational Safety and Health Hackathon 2025

4-6 May, 2025

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As part of achieving Saudi Vision 2030 and boosting economic prosperity, this hackathon aims to foster a competitive and innovative environment. Its focus is to encourage innovation and cutting-edge technologies to advance entrepreneurship. Aligned with the Kingdom's 10th Development Plan, the Global Occupational Safety and Health Hackathon is introduced to transform innovative ideas into feasible and entrepreneurial products and solutions, economically and socially impactful.

Hackathon Objectives

01
Innovating effective solutions.

02
Establishing and launching innovative projects that address occupational safety and health challenges.

03
Attracting creative thinkers from participants and collaborating with them to find effective solutions to challenges and problems.

04
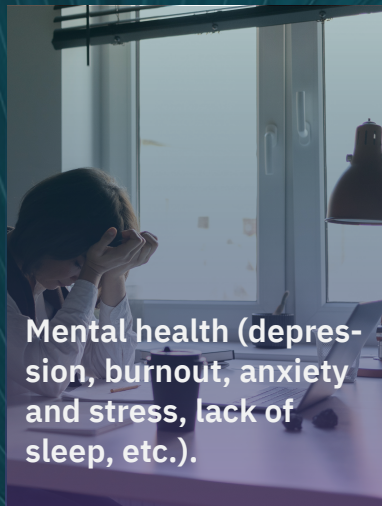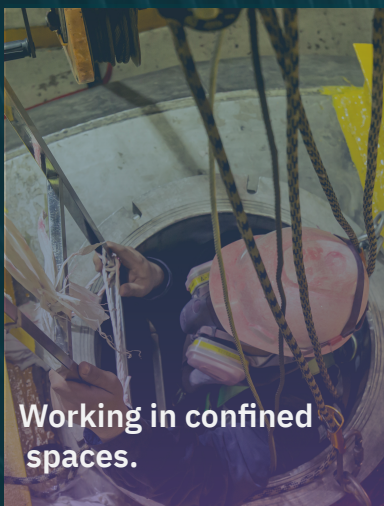Enhancing participants' skills through training and workshops.

05
Collaboration between occupational safety and health specialists with various academic and practical experiences.

Fields and Topics

Heat stress

Promoting health at the workplace and preventing diseases.

Protection from workplace injuries

Working in confined spaces.

Mental health (depression, burnout, anxiety and stress, lack of sleep, etc.).

Work fatigue in shifts.

Challenges facing companies and organizations.
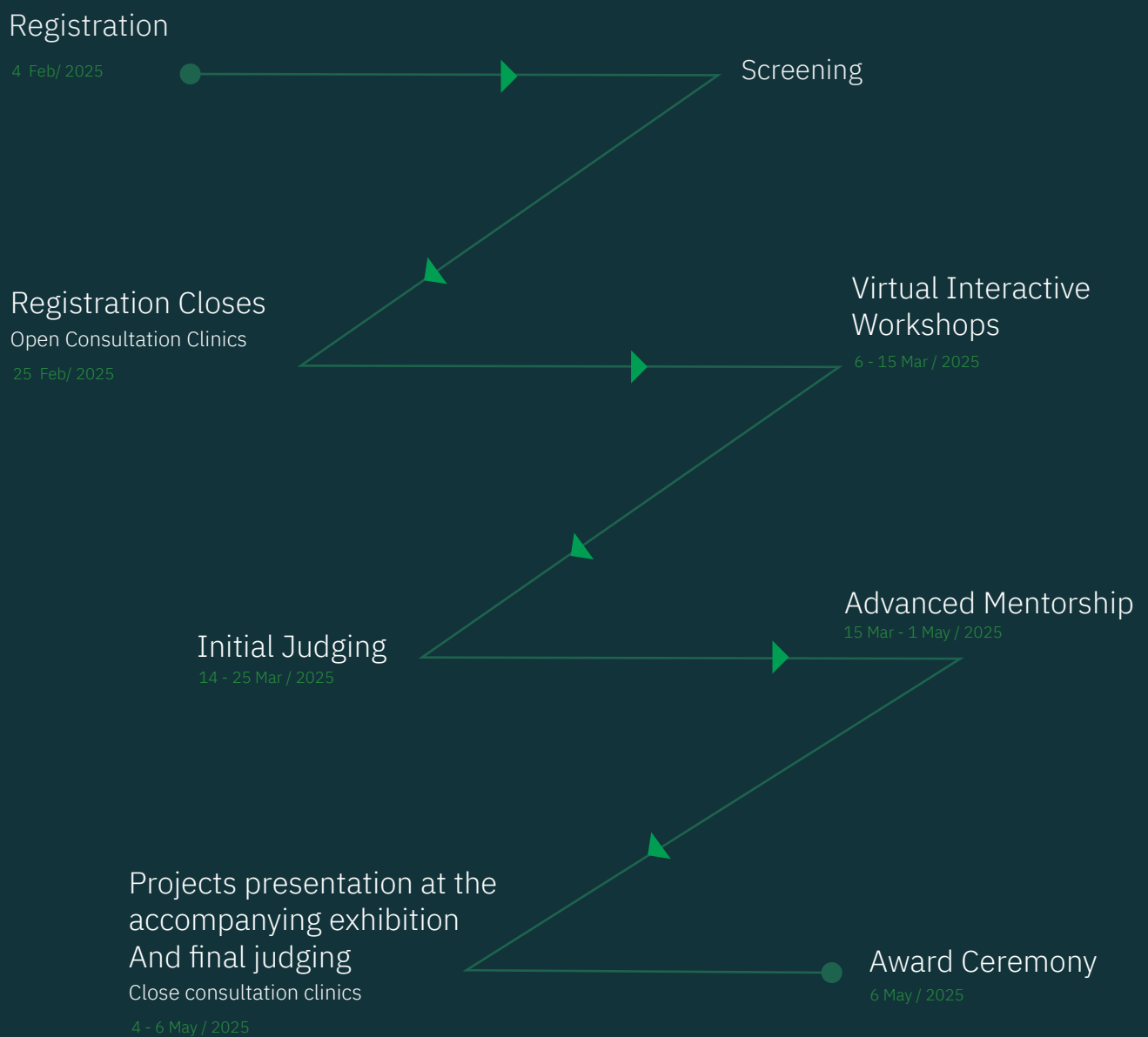
Working at heights.

Enhancing well-being at work.

Target Audience

University students (public and private) and technical colleges.

Individuals.

Companies.

Hackathon Process

Registration
4 Feb/ 2025

Screening

Registration Closes
Open Consultation Clinics
25 Feb/ 2025

Virtual Interactive Workshops
6 - 15 Mar / 2025

Initial Judging
14 - 25 Mar / 2025

Advanced Mentorship
15 Mar - 1 May / 2025

Projects presentation at the accompanying exhibition And final judging
Close consultation clinics
4 - 6 May / 2025

Award Ceremony
6 May / 2025

Judging Stages

First Elimination Stage (Remote)

After the completion of the interactive virtual workshops and submission of the initial version of the project via the hackathon platform, the judging panel will evaluate all projects using the global occupational safety and health hackathon judging criteria (outlined below). This will take place on Wednesday, March 25, 2025. The judging panel will select the top thirty projects from all fields and topics to qualify for the final elimination stage.

Final Judging (In-Person)

The final selection phase includes a presentation of each team's project to the judging panel in person in Riyadh, with the following duration:

Duration	Task
3 minutes	The team presents the project.
7 minutes	The judging panel discusses the project with the team leader and evaluates it.

Judging Criteria

The judging panels in the first elimination stage and the final elimination stage will evaluate the projects based on the following criteria:

01 Creativity and Innovation

- The uniqueness and innovation of the proposed solution.
- Presentation of new and innovative methodologies and applications.
- The solution's ability to address an existing problem in a new and creative way.

02 Impact

- The potential impact the solution can have.
- Contribution to solving an existing problem in a tangible way.

03 Design and Scientific Validity of the Solution

- The reliability of the scientific methodology used in the proposed solution.
- The solution's reliance on data and scientific technologies.

04 Feasibility

- The practicality of implementing the idea in real-world scenarios.
- The sustainability of implementing the solution.

05 Presentation Skills

- Clearly explaining the idea in a logical sequence.
- The quality of the presentation in terms of both form and content.

06 The Team

- The diversity of team members' skills and experiences.
- The team's ability to collaborate and achieve objectives professionally.

Teams Eligibility Criteria for Judging

01

Submit a copy of the project via the hackathon platform.

02

The project must provide a solution for one of the announced fields and topics.

03

All team members must be registered on the hackathon platform and in the same track.

04

The team should consist of 3-5 members.

05

All team members must be present in person throughout the duration of the hackathon.

06

Adherence to all terms and conditions of the Global Hackathon for Occupational Safety and Health.

Requirements for Submitting the Project

To be eligible for the preliminary judging phase, the participating team must meet the following requirements:

01

Complete the project submission stages, which include the following:

- Submit the project via the Global Hackathon Platform for Occupational Safety and Health.
- The project will be evaluated remotely by the judging panel in the first filtering phase.
- If the team qualifies for the final stages, the project must be presented to the judging panel in person during the final sessions in Riyadh.

02

Complete all required fields for project submission on the Global Hackathon Platform for Occupational Safety and Health.

03

Ensure that all team members are registered by the team leader on the Global Hackathon Platform for Occupational Safety and Health.

04

Provide a solution for one of the fields and topics announced on the Global Hackathon Platform for Occupational Safety and Health.

05

Adhere to all the rules outlined in the terms and conditions.

Rules for Presenting to the Judging Panel

The project presentation is extremely important, as it is often the first document judges review when projects are submitted. We recommend dedicating the necessary time and resources to develop a well-crafted presentation by creating a standout display and adding images that reflect the innovation of the project. Be sure to include team members with experience in presentation and design to document your project.

Follow these steps to create your project presentation:

Slide Number	Slide Title	Description
00	Cover	Project name and team name
01	Problem	Describe the challenge chosen by your team
02	Solution	Explain the solution you offer and make sure to include a brief description of your approach related to the challenge
03	Business Model	Describe how you can generate revenue
04	Technology & Value	Explain the technologies and value that make your project unique
05	Competition	Analyze the competitors in the market and explain how you differentiate yourself from them
06	Team	Introduce the team members and their expertise
07	Future Opportunities	Provide some information on how your project will continue and the growth expectations you aim to achieve

- Choose a slide template with a readable font size and minimize the number of words on each slide as much as possible.
- Enhance the slide content with images that illustrate your project.
- You must present your seven-slide presentation in just 3 minutes, so careful planning and choosing strong, relevant content are essential.

Rules for Presenting to the Judging Panel

0:00
Introduce Your Team
- What is your name and your team's name?

0:05
Present the Problem
- What is the challenge your project addresses?
- What inspired your team to choose this challenge?

0:15
Present Your Solution
- Provide a title and slogan for your project to grab the attention of the judges.
- Explain the solution you are offering.

0:35
Describe the Project
- Describe how the project works.
- Show images or a prototype of the project.
- Describe the user experience

1:20
Competition
- Present competitors in the market and how you differentiate from them.

1:35
Value & Technologies
- Explain the technologies and value that make your project unique.

2:10
Business Model
- Describe how you can generate revenue.

2:40
Introduce Your Team Members
- Introduce your team members and their expertise.

2:50
Look Toward the Future
- How can you grow and expand the project? Explain what you can offer in the future.

3:00
End of Presentation

Awards

Award Categories

Audience Award:

The visiting public inside the exhibition area only will have the opportunity to vote and choose the Best Participating Team by scanning the QR Code, filling in their details, and selecting the team. This will be supervised by the scientific and judging committee of the hackathon. The award is worth 10,000 SAR.

Hackathon Awards:

Ten winning teams will be selected based on the judging criteria at the end of the hackathon.

The winning teams from first to fifth place will receive financial prizes (total prize amount of 150,000 SAR) as follows:

1st	2st	3st	4st	5st
50.000 SAR	40.000 SAR	30.000 SAR	20.000 SAR	10.000 SAR

The winning teams from sixth to tenth place will receive in-kind prizes.

Benefits of Participating in the Hackathon

The winning teams, from first to tenth place, will have the opportunity to turn their projects into patent applications under the supervision of the Research and Innovation Center in Occupational Safety and Health.

Consulting clinics throughout the duration of the Global Hackathon for Occupational Safety and Health.

The opportunity to join the "Namo" business accelerator and incubator, part of the Makkah Valley Investment Company (attached).

The opportunity for winning teams to bring their entrepreneurial and innovative ideas to the market.

Lectures, workshops, and advanced mentoring in the field of occupational safety and health.

Meetings with experts and specialists in the field of occupational safety and health.

Judges' Guide

Dr. Marwan Bin Yousef Fida:
- Consultant in occupational medicine and safety (Head Judge).

Dr. Mohammed Ahmed Basnawi:
- PhD in Business Administration (HR Management), Netherlands.

Dr. Saud Bin Salem Al-Zahrani
- Head of Occupational Health at Saudi Red Crescent Authority.

Mr. Majed Bin Ibrahim Al-Rafeeq
- Director of Patent Examination at the GCC Secretariat.

Mr. Hassan Bin Ali Al-Muznai:
- Intellectual Property Expert.

Mr. Ahmed Bin Ibrahim Al-Faris:
- SME Entrepreneurship Specialist.

Eng. M. NASER
- Intellectual Property Consultant.

Eng.Bandar binMutlaq Al-Thubaiti
- Intellectual Property and Entrepreneurship Expert.
- Member and Rapporteur of the Judging Committee.

Participants' Guide

Location:

Riyadh, Saudi Arabia – Four Seasons Hotel,
Conference Center

Four Seasons Hotel Riyadh At Kingdom Center -LOCATION

Access link

Frequently Asked Questions

Q: Are there any fees for participating in the hackathon?

A.   No, there are no fees for participation.

Q: What are the benefits of participating in the hackathon?

- The winning teams in the hackathon will receive motivating financial prizes.
- High flexibility in attending interactive workshops and consulting clinics remotely on an interactive virtual platform.
- An opportunity to develop entrepreneurial projects with a team spirit.
- Participants will receive support and follow-up from a select group of specialists in the field of occupational safety and health.

Q: Is it mandatory for the team to attend all hackathon days?

A. Yes, if the team qualifies, they must attend to present their projects at the accompanying exhibition and for the final judging to select the winners.

Q: Is it necessary to have a team for registration?

A. Registration on the website can be done individually, or the team leader can add the names of their team members. Once an individual is accepted, they must form a team to participate.

Q: How many members are allowed in each team?

A. The team must consist of at least 3 members and no more than 5.

Q: Do I need to be the idea owner to participate in the hackathon?

A. No, you can be a developer of the idea, whether from a technical perspective or through your expertise and knowledge related to occupational safety and health.

Q: Do I need to register my idea during the registration process?

A. No, the idea is created and developed when you form a team that shares the same track and interest in solving one of the challenges mentioned for the hackathon. In this case, you can either be the idea owner or a developer of the idea within the formed team.

Register for the hackathon

Scan to access the GOSH7conference

Access link

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