

أرامكو السعودية
saudi aramco



جامعة الملك عبد الله
للعلوم والتقنية
King Abdullah University of
Science and Technology



The 3rd Saudi Aramco Digital Hackathon

Aramco Research Center
KAUST Winter Enrichment Program (WEP)
January 2026

Duration: Ten days

Dates: January 13 -22, 2026

Venue: Winter enrichment program (WEP) at KAUST

Hackathon Goals

Foster a **collaborative** and inclusive innovation ecosystem across the **Aramco** Research Center and **KAUST** research groups

Establish platform, where real **industrial challenges** can be explored by scientists, and solutions are accelerated from labs to the field application.

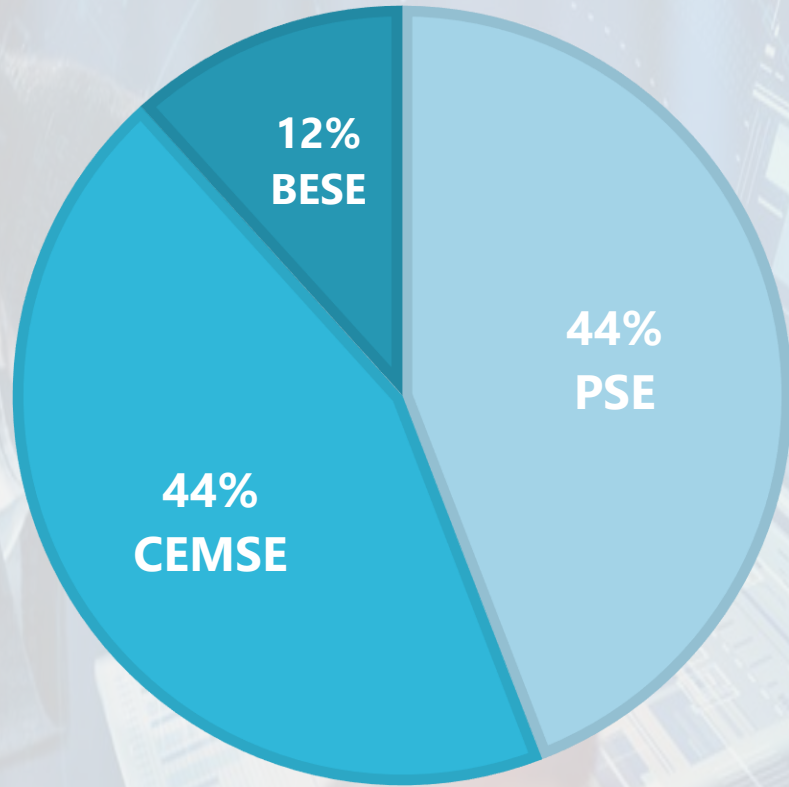


Recognize talents in different fields and produce seeds for potential collaboration between Aramco and KAUST

Encouraging **innovation** and **creativity** in the development of new ideas and product that have **economical** and **sustainability** impact.

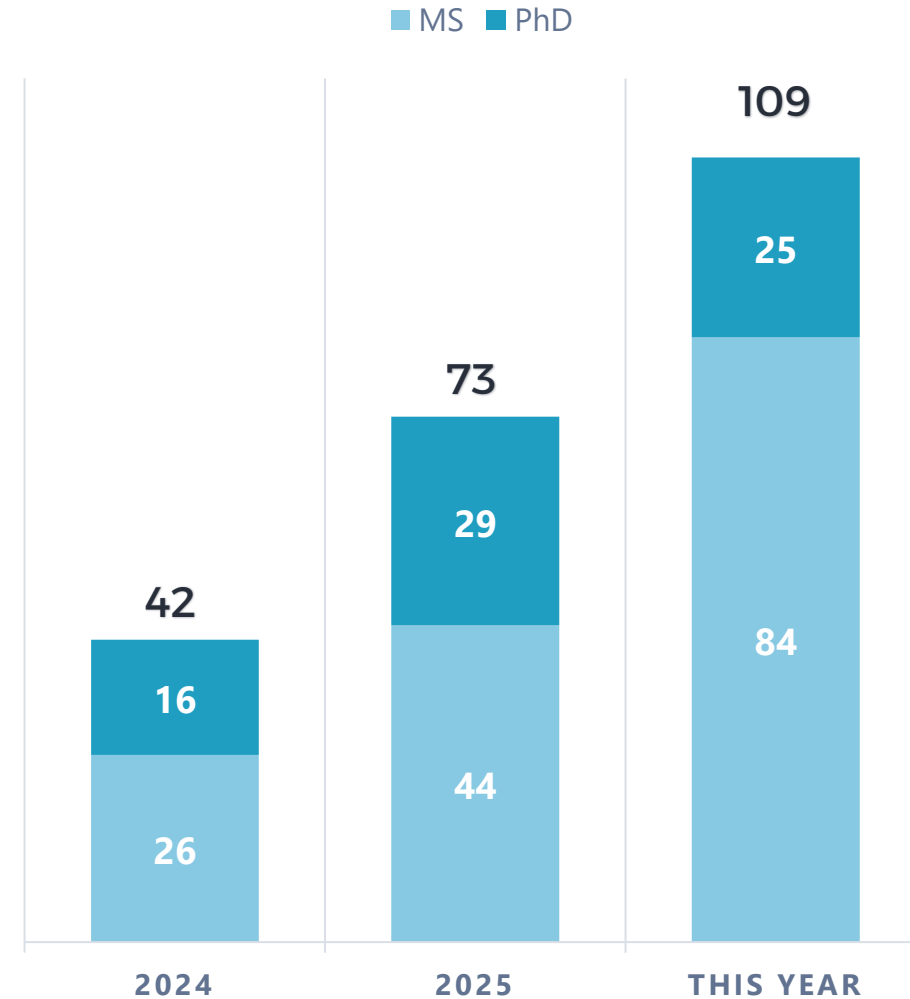


Reflection on Previous Hackathons: Who participated?



PARTICIPANTS BY DEPARTMENT

HACKATHON PARTICIPANTS



Reflection on Previous Hackathons: Judging Committee

Advanced Sensing, IoT and Robotics Theme



Prof. Matthew F McCabe
Environmental Science and Engineering



Dr. Ahmed Bukhamseen
Research Specialist in Production



Advanced Materials



Prof. Hussein Hoteit
Energy Resources and Petroleum
Engineering



Dr. Ayman Nakhli
Research Specialist in Production



AI & Advanced Computing



Robert Smith
Lead Geophysicist



Dr. Naeemullah Khan
Earth Science and Engineering



Special Recognition Award



Dr. Ameerah Bokhari
Senior Scientist



Prof. Nazek El-Atab
Electrical and Computer Engineering





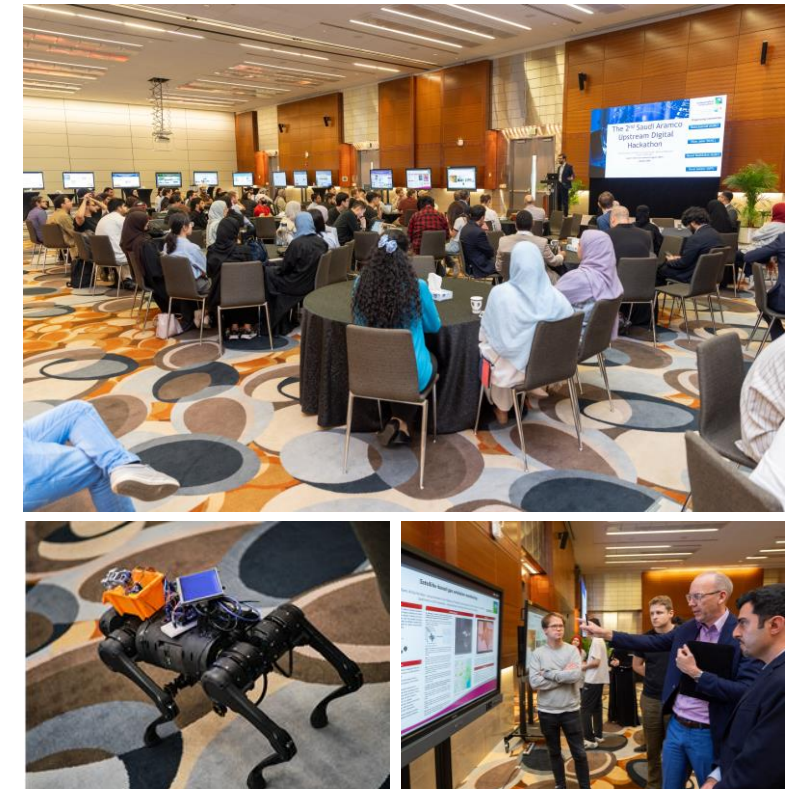
Reflection on Previous Hackathons: Sessions



First Session
Hackathon Introduction



Second Session
Progress Presentation



Last Session
Posters and Winners
Announcement

Who can participate?

Masters

Internships

PhDs

Regional university's students

Team Size and Compositions

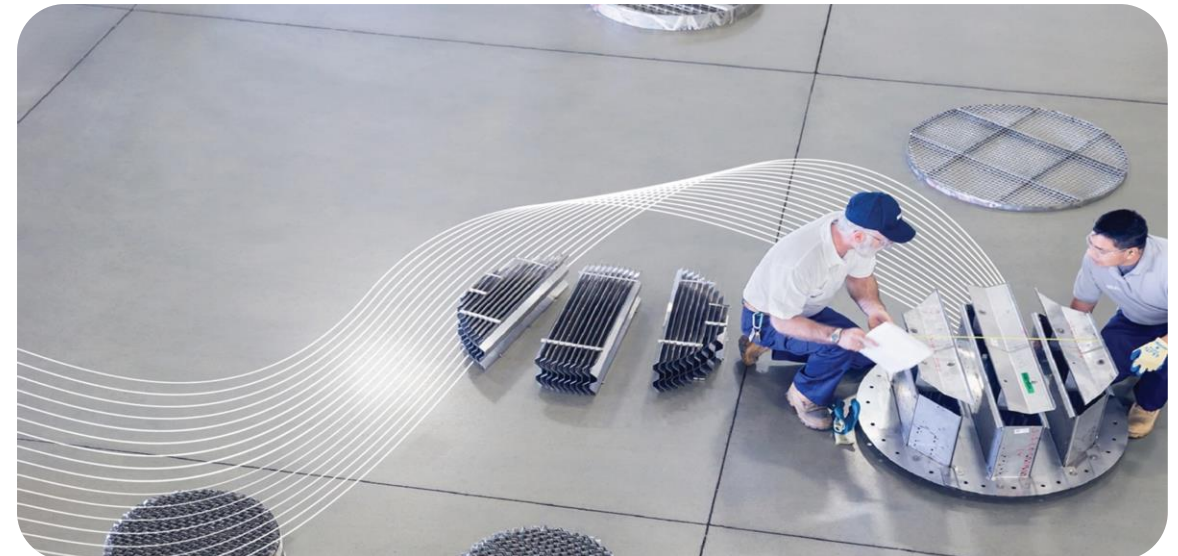
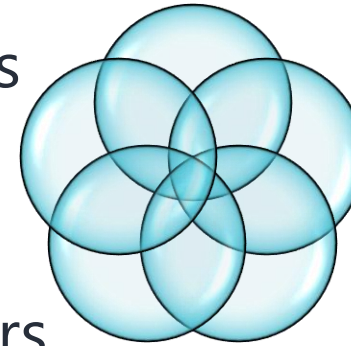
Two to five
Members

Researchers

Programmers

Designers

Engineers





Benefits of Participation

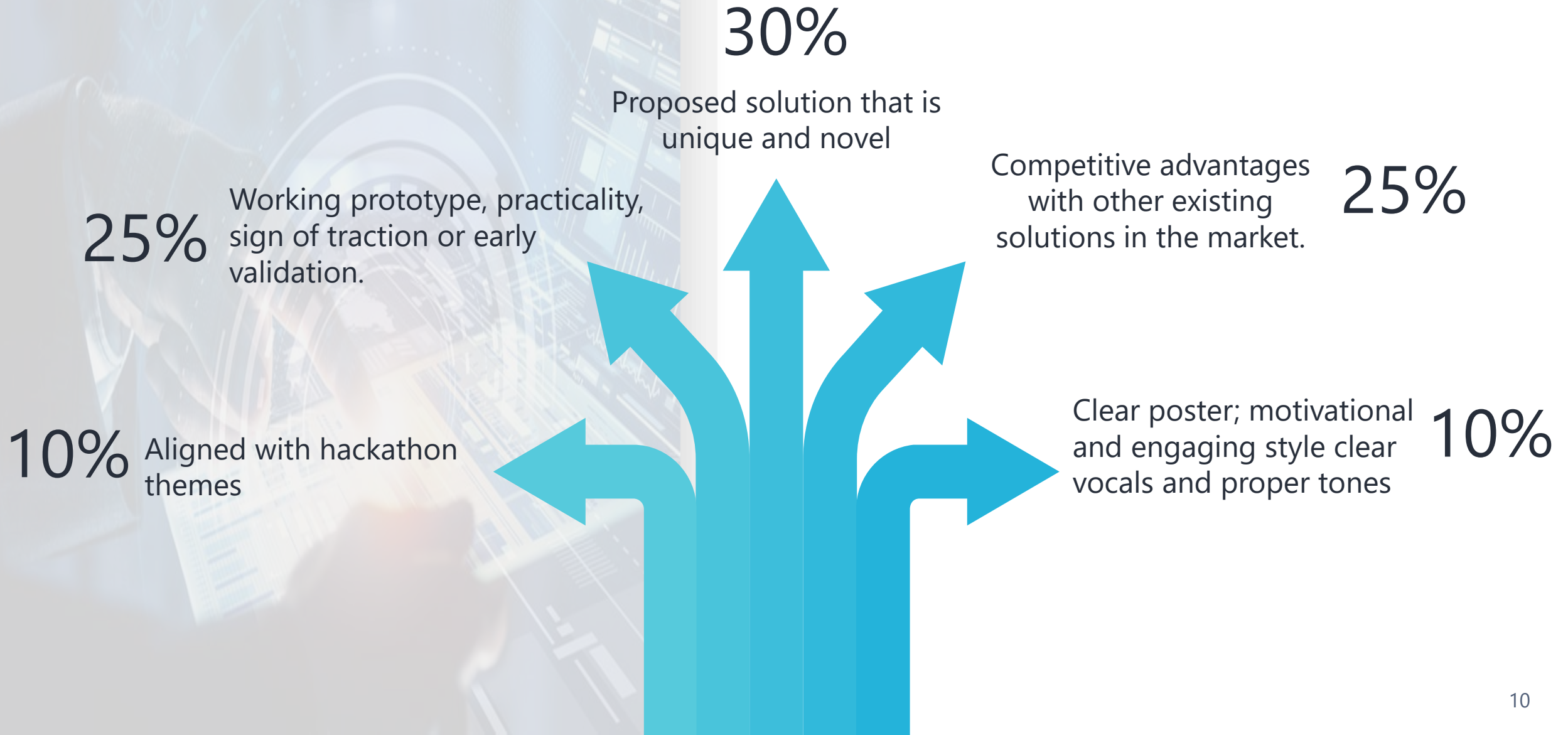
Connection with a professional network of subject matter experts in the oil and gas industry and access to real field challenges that can foster a potential collaboration.

Opportunity for summer internship and potential collaborative research projects.

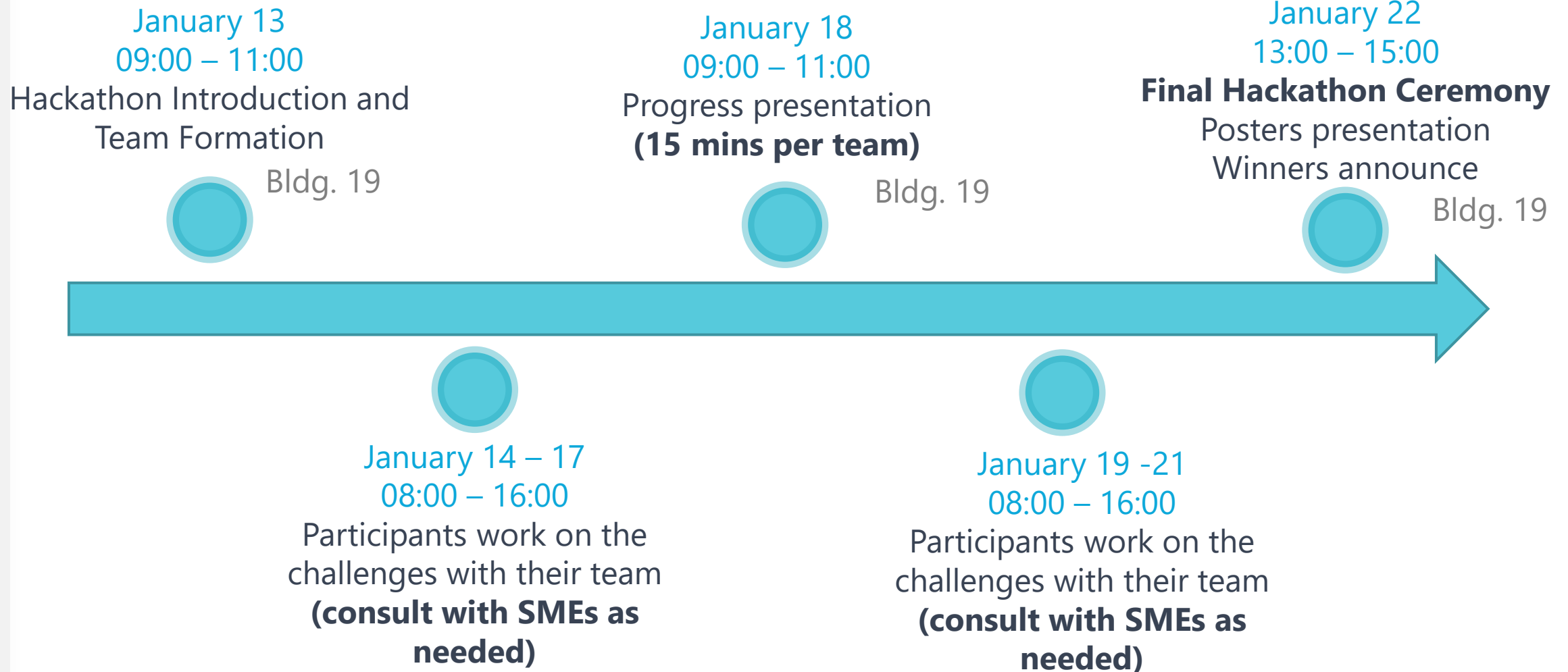
Received a certificate of completion for participation.

Recognition and Award for the winning teams

What is the Judging Criteria?



Aramco Digital Hackathon Timeframe





Final Ceremony

Poster sessions to be evaluated by judges

Two Winners

AI & Advanced
Computing Challenge



Two Winners

Advanced Sensing
IoT and Robotics
Challenge



Two Winners

Advanced Materials
Challenge

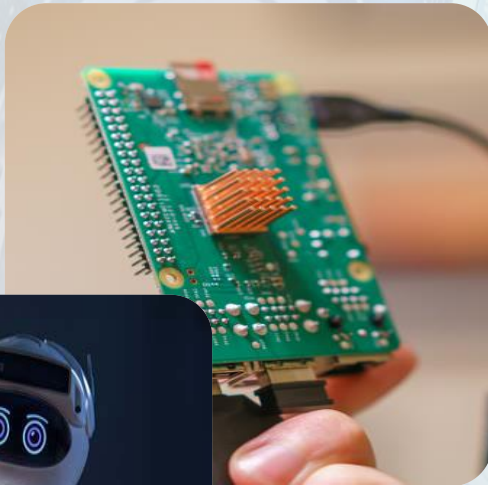


Winners Award

- Certificate of Appreciation
- Exclusive Trophy
- 1st place winners will get an Apple iPad each
- 2nd place winners will get an Apple watch each

Theme One

Advance Sensing
IoT and robotics



Theme Two

Advanced
Materials



Theme Three

AI and Advanced
Computing





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*Thank
you!*