



25TH
WPC ENERGY
CONGRESS
Riyadh, 11-15 October 2026



WPC
ENERGY

وزارة الطاقة
MINISTRY OF ENERGY



25th WPC Energy Congress

special
Programme

The Energy
Hackathon



Boothcamp: 7 - 9 October 2026

Final Ceremony: Thursday 13 October 2026

wpcenergy2026.org

Hackathon Programme Overview

Under the Patronage of His Royal Highness Prince Abdulaziz bin Salman bin Abdulaziz, Minister of Energy.

The Ministry of Energy is launching the Energy Hackathon as part of the World Petroleum Council (WPC) events, positioning it as a distinctive platform that brings together innovators and talents to develop solutions addressing key sector challenges.

The hackathon reflects the Ministry's ongoing efforts to foster a culture of innovation and empower national talent to create a sustainable impact on the future of energy, in alignment with the objectives of Saudi Vision 2030.

The top-winning teams are announced after presenting their shortlisted projects at the closing ceremony at the end of the WPC conference.

**Hackathon
Camp**

7-9 October 2026

Date

**Thursday
13 Oct 2026**

Hackathon Objectives

Encouraging national talent to develop innovative solutions aligned with national objectives.

Stimulating entrepreneurship in the energy sector.

Enabling practical, implementable solutions that contribute to achieving the goals of the energy sector.

Connecting winning ideas with the energy ecosystem to enhance sector integration.

Target Audience



Students of relevant disciplines.



Those interested in innovation, including engineers and researchers.



Entrepreneurs in the fields of energy and technology

Hackathon Tracks

Operational Efficiency

Developing solutions that enhance monitoring capabilities and improve maintenance practices by leveraging advanced analytics and creating more accurate and efficient tools for performance tracking and addressing operational challenges. This contributes to higher operational readiness and reduces breakdowns and waste.

Transformative Innovation

Developing solutions that support innovation in the design of fuel stations and hydrogen storage, focusing on enhancing user experience and introducing more flexible approaches that align with the evolution of future usage patterns.

Intelligent Control

Developing solutions that contribute to addressing the challenges of fault prediction and load management in electrical grids, through the implementation of intelligent systems that rely on real-time data analysis, thereby reducing outages, improving load distribution efficiency, and enhancing grid reliability and service continuity.

Finalist Teams

Six teams (two per track) present their projects

Hackathon Journey

Launch

Date: 19 August

Registration opens to citizens and residents of Saudi Arabia aged 18 and above who have ideas to address one of the Energy Hackathon challenges.

Workshops

Date: 25 August

Refining participants' ideas through virtual workshops that help the participants develop their concepts and build a prototype for the selected challenge.

Evaluation

Date: September

All submitted applications and ideas are evaluated against predefined criteria to select the participating teams that will advance to the next stage of the hackathon bootcamp.

Announcement of Participating Teams

Date: September

All participating teams are contacted via email to confirm their participation and clarify the next steps, in addition to announcements through the hackathon portal and social media channels.

Camp Days

Date: 7-9 October

Equipping participants with knowledge, guidance, and skills.

Judging

Date: 9 October

The final presentations are evaluated by the judging panel to select the best solutions that qualify for the final showcase at the World Petroleum Congress (WPC).

Closing Ceremony

Date: 13 October

Announcement of the top-winning teams after presenting the shortlisted projects at the closing ceremony at the end of the WPC conference.



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Pathways to an Energy Future for All

11 — 15
October 2026

Riyadh
Front Exhibition
& Conference Center

wpcenergy2026.org