EGYPT ENERGY SHOW

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30 MARCH – 1 APRIL 2027

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Egypt's Platform for Tomorrow's Energy Leaders

The world's energy markets are changing fast. As new technologies emerge and priorities shift, the industry is entering a new era of opportunity. For the next generation of energy professionals, this transformation opens new careers, new skills and new ways to shape global progress.

New technologies are redefining the industry. New markets are opening across Africa and beyond. New skills are in demand. New perspectives are driving progress. The next generation has a defining role to play.

Tomorrow's energy industry will be built on new ideas, new skills and new leadership.



Where Young Talent Meets Global Ambition



As Egypt Energy Show 2027 celebrates its 10th anniversary, the Young Professionals Programme enters a new chapter, empowering the next generation of innovators, engineers, entrepreneurs and leaders who will shape the future of global energy.

The Young Professionals Programme connects students and young professionals with the industry leaders, emerging technologies, career opportunities and critical conversations shaping the future of global energy. Through immersive experiences, technical learning, innovation challenges, leadership development and industry engagement, participants gain the knowledge, skills and networks to thrive in a fast-evolving energy landscape.

Empowering the Next Generation of Energy Leaders

Young Professionals Programme in Numbers

2000

Students and Attendees

30

Youth Forum Sessions

25

Universities and Schools

20

Key Activations



Programme Pillars
A Decade of Empowering Young Energy Minds

As the energy industry evolves, so do the opportunities for its next generation of talent. The Young Professionals Programme brings together career development, industry insight, innovation and leadership, reflecting the knowledge and perspectives needed to navigate the energy landscape of tomorrow.

The Future of Energy

The energy industry is evolving rapidly, creating new opportunities for the next generation. By exploring emerging trends, technologies, and career pathways, students, educators, and young professionals can better understand their role in shaping a more sustainable energy future.

Energy & Digital Innovation

AI, data, and digital technologies are transforming the energy industry, enabling smarter decisions and more efficient solutions. These innovations are creating new opportunities for students, educators, and professionals to contribute to the future of energy.

Your Energy Career

Discover career pathways into the energy industry, explore real-world roles, and develop the skills needed to prepare for future opportunities.

Ideas that Shape Energy

Explore youth-led innovation and problem-solving, turn ideas into practical solutions, and collaborate across disciplines to address the energy challenges of tomorrow.

Energy in Daily Life

Energy powers the homes, cities, and transport we rely on every day. Understanding how energy works helps build awareness, responsibility, and a greater appreciation for human-centred innovation.

Leadership & Youth Voice

Young perspectives can help shape the future of energy. Through dialogue, collaboration, and active participation, students and young professionals can develop the confidence to become tomorrow's energy leaders.



Planned Activation Summary

The Young Professionals Programme offers a fully immersive journey into the world of energy, bringing together interactive experiences, real-world insights, innovation and hands-on learning. Explore the industry from every angle, discover the technologies shaping its future, and experience how energy powers our everyday lives.

Core Programme Experiences

- Youth Forum
- Race to Zero Challenge
- Innovation Zones
- Engineering the Future Hub
- Future Energy Leaders

Immersive Learning Experiences

- Fieldtrips
- Technical Workshops
- Expo Tours
- Volunteer Programme







A Journey Into Energy Transformation
Built for Young Professionals

Race to Zero Challenge

Race to Zero Challenge is a high-impact youth innovation challenge where undergraduate students develop and present solutions that accelerate the energy transition toward a net-zero future. Participants work in teams to design practical, scalable ideas addressing real-world decarbonisation challenges across the energy sector.

The programme features a project showcase of shortlisted teams, live pitch presentations before industry experts and judges, and culminates in an Awarding Ceremony recognising the most impactful and innovative solutions driving progress toward net zero.

Race to Zero Challenge Categories

- Clean Energy and Low Carbon Solutions
- Future Fuels and Energy Transition Pathways
- Digital Energy and Smart Technologies
- Circular Economy and Sustainable Resources



Application timeline

Ideas in Motion. Impact in Action.

23 OCT	20 DEC	5 JAN 2027	1 FEB 2027	15 FEB 2027	28 FEB 2027	1 MAR 2027	30 MAR – 1 APR 2027
Call for Project Ideas	Deadline of Applications	Preliminary Judging & Selection	Announcement of Successful Applicants	Project Submission, Iteration and Testing	Announcement of Semi-Finalists	Showcase Briefing (online)	Project Showcase and Awarding Ceremony

Innovation Zone

The Innovation Zone is a curated ecosystem of four distinct experience zones designed to showcase how innovation is transforming the future of energy across different dimensions. Each zone offers an interactive, student-focused environment where participants explore emerging technologies, real-world applications, and future opportunities shaping the energy industry.

The four zones include Digital & AI Experience, Future Mobility & Smart Cities, Industrial Technologies & Robotics, and Entrepreneurship & Start-Up Innovation, each providing hands-on engagement, demonstrations, and challenge-based activities led by industry partners and/or young innovators.



Digital & AI Experience

AI, data and digital technologies are transforming energy operations, decision-making and efficiency, with intelligent solutions emerging across the energy value chain.



Future Mobility & Smart Cities

Connected infrastructure, intelligent transport and integrated energy systems are redefining how cities operate, creating smarter, more connected and sustainable urban environments.



Industrial Technologies & Robotics

Automation, robotics and advanced industrial technologies are creating new possibilities for efficiency, safety and performance across energy and industrial operations.



Entrepreneurship & Start-Up Innovation

Emerging innovators and start-ups are bringing new technologies, business models and perspectives to the energy sector, addressing real-world challenges through fresh thinking and new solutions.



Four Zones. One Future.

Fueling the Energy of Young Minds

Engineering the Future Hub

The Engineering the Future Hub is a hands-on, industry-led platform where young engineers and technical talents tackle real-world energy challenges through applied problem-solving and technology-driven simulations.

The Hub immerses participants in the realities of the energy sector-from operations and systems optimisation to digital transformation-bridging the gap between academic knowledge and industry application.

Through guided challenges, engineering simulations, and expert mentorship, participants develop practical solutions that reflect the complexities of today's energy systems and the demands of the future workforce.

Hub Experiences

Challenge Arena
Teams solve real industry engineering challenges under time pressure.

Simulation Zone
Interactive systems where participants test decisions in real energy scenarios.

Rapid Engineering Labs
Quick technical challenges focused on problem-solving and system efficiency.

Workforce Studio
Career space connecting participants with engineering roles, skills, and mentors.



Turning Challenges into Solutions
Building the Minds that Power Future

Future
Energy Leaders

The Future Energy Leaders is a career-readiness platform designed to help students and young professionals understand how to enter, navigate, and grow within the energy industry through real experiences shared by early-career professionals.

Career Talks

Discover how young professionals secured internships and graduate roles, what made them stand out, and the key behaviours, skills, and experiences that helped them launch their careers in energy.

Acceleration Talks

Gain firsthand insights into the realities of entering the workforce, adapting to field and operational environments, overcoming early-career challenges, and navigating the transition from student to professional.

Technical Talks

Explore how young professionals continue to build technical expertise, learn from industry mentors, develop new capabilities, and accelerate their career progression in a rapidly evolving energy sector.



From Insight to Impact
Turning Knowledge into Potential

Youth Forum

The Youth Forum is a dynamic speaker series platform built around seven thematic tracks that brings together young professionals, students, and industry leaders to exchange ideas on the most critical topics shaping the future of energy.

Through structured dialogues, panel discussions, and interactive sessions, the Youth Forum explores themes such as energy transition, digital transformation, future careers, entrepreneurship, engineering, leadership, and the societal impact of energy-enabling meaningful conversations that connect youth perspectives with real industry insights and opportunities.

Leading the Future of Energy
Inspiring Young Minds to Drive Change



Programme Agenda

DAY 1 - Tuesday, 30 March 2027

Stream 1
Powering the Energy Transition

Explore how the global shift toward cleaner, more sustainable energy is shaping the future of the industry. This track unpacks key trends, technologies, and career opportunities driving the transition, helping students understand their role in building a low-carbon energy future.

14:30 - 14:50	Keynote Presentation Net Zero and the Future of Energy Careers
14:50 - 15:15	Fireside Chat Navigating Your Career in the Energy Transition Era
15:15 - 15:40	Technical/ Innovation Presentation The Technologies Powering the Future of Energy
15:40 - 16:05	Panel Building Careers in the Clean Energy and Energy Security Landscape

Stream 2
The Future is Digital

Explore how AI, digitalisation, and smart technologies are transforming the energy industry and creating new opportunities for the next generation. Discover how digital innovation is changing the way energy is produced, managed, and delivered—and the skills needed to be part of this transformation.

16:30 - 16:55	Fireside Chat From Student to Digital Energy Innovator
16:55 - 17:25	Presentation How AI is Transforming the Energy Industry
17:25 - 17:50	Panel Where Energy and Tech Careers Meet

DAY 2 - Wednesday, 31 March 2027

Stream 3
Innovate & Create

Dive into the world of energy innovation and entrepreneurship, where ideas are transformed into real-world solutions. This track explores how startups and innovation ecosystems are driving change, and how students can turn creative thinking into impactful energy solutions.

11:00 - 11:20	Presentation How Great Energy Ideas Begin
11:20 - 11:45	Fireside Chat The Journey of a Young Energy Founder
11:45 - 12:10	Presentation Turning Ideas into Real-World Solutions
12:10 - 12:35	Panel Building the Next Generation of Energy Start-ups

Stream 4
Decarbonise and Transform

Understand the strategies and solutions driving the shift to a low-carbon energy system. This track explores real-world decarbonization pathways, key technologies, and the challenges shaping the transition—empowering students to be part of meaningful change in the energy sector.

13:00 - 13:20	Presentation The Race to Net Zero - What Students Need to Know
13:20 - 13:45	Fireside Chat Leading the Shift to Cleaner Energy
13:45 - 14:10	Presentation The Technologies Powering a Cleaner Future
14:10 - 14:35	Panel The Real Challenges of Energy Transition

Programme Agenda

Stream 5
Next-Gen Energy Tech

Explore the cutting-edge science and engineering breakthroughs shaping the future of energy. This track highlights emerging technologies, from advanced power systems to next-generation storage and digital engineering, and how they are redefining what is possible in the energy sector.

15:00 - 15:20	Presentation The Future of Energy Technology – What's Coming Next
15:20 - 15:45	Fireside Chat Meet the Innovators Building the Future of Energy
15:45 - 16:10	Presentation From Big Ideas to Real World Impact
16:10 - 16:30	Panel Which Technologies Will Shape the Future of Energy?

DAY 3 - Thursday, 01 April 2027

Stream 6
Powering Your Potential

Explore how continuous learning, practical experience, and human capabilities can prepare young people for a rapidly evolving energy industry. Discover how to build the knowledge, skills, adaptability, and confidence needed to thrive in the energy careers of tomorrow.

11:00 - 11:20	Presentation What Makes a Great Energy Leader?
11:20 - 11:45	Fireside Chat Leadership Lessons from the Frontline
11:45 - 12:10	Presentation Who Decides the Future of Energy?
12:10 - 12:35	Panel Your Path to Becoming an Energy Leader

Stream 7
Future of Work & Careers

Prepare for the future of energy careers by exploring the key skills, roles, and capabilities in demand across the evolving industry. This track helps students understand how to build a future-ready mindset and develop the competencies needed to thrive in a rapidly changing energy landscape.

13:00 - 13:20	Presentation Skills You Need for the Future of Energy Careers
13:20 - 13:45	Fireside Chat From University to Your First Energy Job
13:45 - 14:10	Presentation Future Energy Jobs – What Careers Will Look Like Tomorrow
14:10 - 14:35	Panel How to Build a Career in the Future Energy Industry



Immersive Learning Experiences

A curated portfolio of complementary engagement experiences designed to enhance industry exposure, experiential learning, leadership development, and meaningful interaction across the Young Professionals Programme ecosystem, connecting participants with real-world insights and opportunities across the energy sector.



Technical Workshops

Participate in expert-led, hands-on sessions designed to build practical skills and deepen understanding of key energy systems and technologies.



Expo Tour

Explore the exhibition through guided tours that connect participants with leading companies, technologies, and innovations shaping the future of energy.



Volunteer Programme

Engage behind the scenes in the delivery of the Young Professionals Programme, gaining valuable event experience, professional exposure, and industry connections.



Field Trips

Gain direct exposure to real energy operations through curated visits to industry sites, offering firsthand insight into how the sector works on the ground.



Beyond the Theory, Into the Industry

Learning Energy Through Real-World Experience

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