
Petra
سلطة إقليم البترا التنموي السياحي
Petra Development & Tourism Region Authority
RAVEN
ENERGIES UK
SIBAL
ENERGY X 2026
المؤتمر الدولي
لمدن الطاقة الذكية
Where intelligent energy cities take shape
26-28/11/2026 | Petra | Jordan
Old Village Resort

ENERGYX 2026



# CONFERENCE INTRODUCTION

Global energy systems are undergoing an unprecedented structural transformation. This shift goes far beyond improving efficiency or reducing costs — it is redefining how energy cities are operated and how multiple energy sources are integrated into a single, intelligent, resilient, and secure operating ecosystem.

Oil cities, conventional power plants, renewable energy projects, and hydrogen infrastructure are now part of a digitally connected energy system powered by artificial intelligence, digital twins, advanced automation, and industrial cybersecurity. These technologies enable real-time, data-driven operational decisions across the entire energy landscape.

Within this context, EnergyX 2026 emerges as a specialized global platform focused on Intelligent Energy Cities — not only oil cities — where oil & gas, renewable energy, hydrogen, and energy storage converge into a unified operational model led by smart technologies.

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تشهد منظومات الطاقة العالمية تحولًا هيكليًا غير مسبوق، لا يقتصر على تحسين الكفاءة أو خفض التكاليف، بل يعيد تعريف كيفية تشغيل مدن الطاقة، وكيفية دمج مصادر الطاقة المتعددة ضمن منظومة تشغيل واحدة ذكية، مرنة، وآمنة.

فالمدن النفطية، ومحطات الطاقة التقليدية، ومشاريع الطاقة المتجددة، وبنى الهيدروجين التحتية، أصبحت اليوم جزءًا من منظومة طاقة رقمية مترابطة تعتمد على الذكاء الاصطناعي، والتوائم الرقمية، والأتمتة المتقدمة، والأمن السيبراني الصناعي لاتخاذ قرارات تشغيلية لحظية قائمة على البيانات.

وفي هذا السياق، تأتي EnergyX 2026 كمنصة عالمية متخصصة تركز على مدن الطاقة الذكية — وليس فقط المدن النفطية — حيث تلتقي النفط والغاز، والطاقة المتجددة، والهيدروجين، وأنظمة تخزين الطاقة ضمن نموذج تشغيلي موحّد تقوده التقنيات الذكية.

# STRATEGIC VISION

EnergyX 2026 aims to establish Intelligent Multi-Energy Cities as the global operational model for the next phase of the energy industry. In this model, oil, gas, renewable energy, hydrogen, and electricity are managed within a unified digital environment powered by artificial intelligence and predictive analytics.
The vision is built on a fundamental reality: the future of energy will not rely on a single source, but on intelligent integration between multiple energy systems, operated through:

- Digital energy command centers
- Asset digital twins
- Predictive operating systems
- Advanced governance and industrial cybersecurity frameworks

EnergyX supports the transition of energy companies toward Energy 5.0 as a new global operating paradigm.



تهدف EnergyX 2026 إلى ترسيخ مفهوم مدن الطاقة الذكية متعددة المصادر (Intelligent Multi-Energy Cities) كنموذج تشغيلي عالمي للمرحلة المقبلة، حيث تُدار موارد الطاقة المختلفة — النفط، الغاز، الطاقة المتجددة، الهيدروجين، والكهرباء — ضمن بيئة رقمية موحدة مدعومة بالذكاء الاصطناعي والتحليلات التنبؤية.
تنطلق الرؤية من حقيقة أن مستقبل الطاقة لن يُبنى على مصدر واحد، بل على تكامل ذكي بين مصادر متعددة، تُدار من خلال:

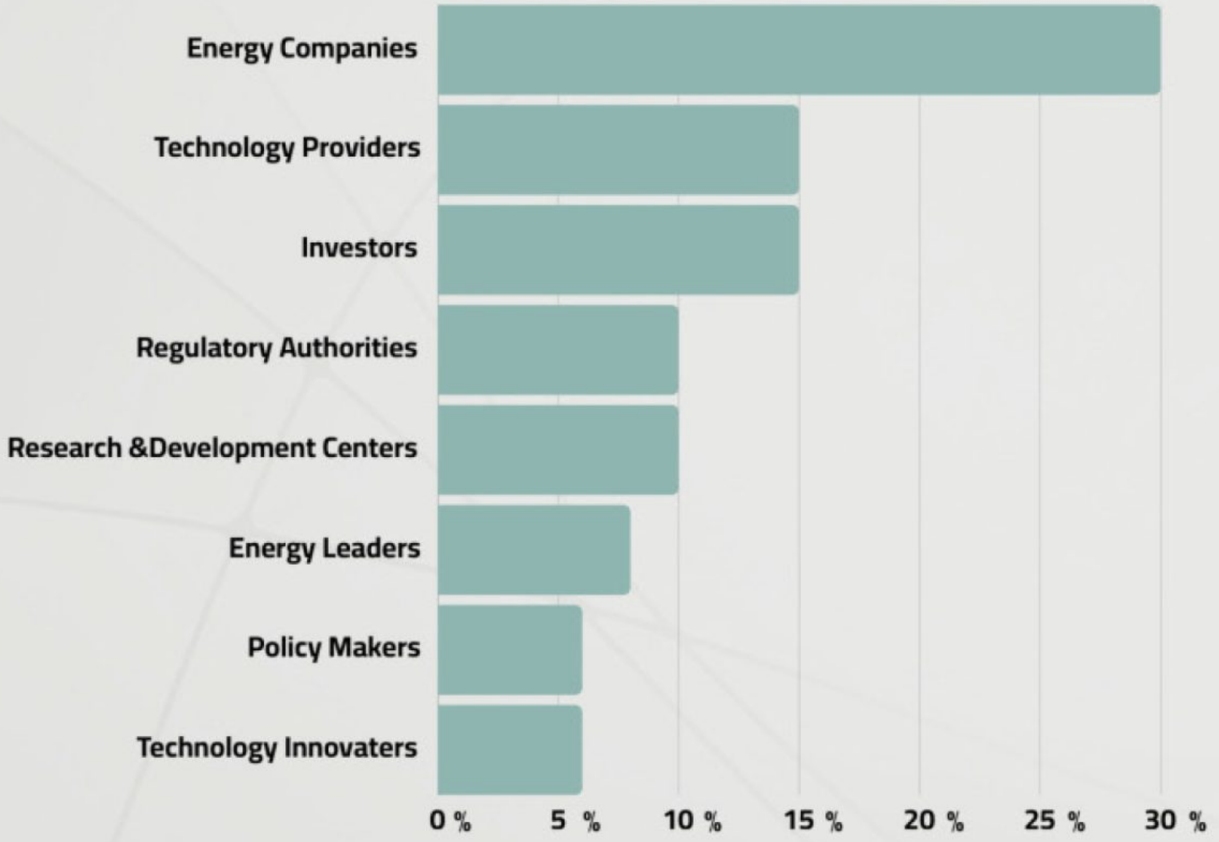
- مراكز قيادة رقمية
- توائم رقمية للأصول
- أنظمة تشغيل تنبؤية
- وأطر حوكمة وأمن سيبراني صناعي متقدمة

وتعمل القمة على دعم انتقال شركات الطاقة من نماذج التشغيل التقليدية إلى Energy 5.0 كنموذج عالمي جديد.

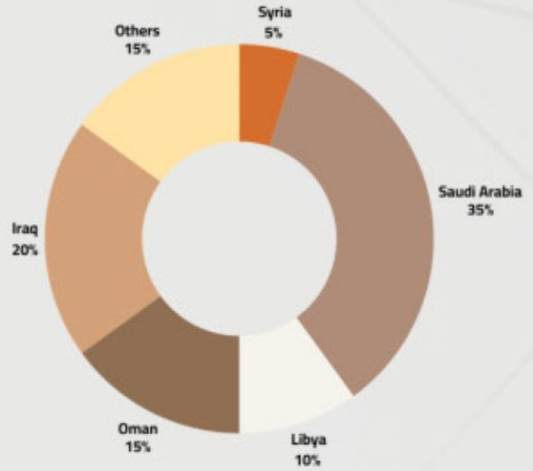
ENERGYX 2026

# ENERGIZING TOMORROW

## OUR EXPECTED AUDIENCE




## TOP 5 COUNTRIES




| | | |
|---|---|---|
| 1. | SAUDI ARABIA | 35% |
| 2. | IRAQ | 20% |
| 3. | OMAN | 15% |
| 4. | LIBYA | 10% |
| 5. | SYRIA | 5% |
| | OTHERS | 15% |

26-28 November 2026 | Jordan | Petra

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يشكّل هذا الحدث منصة استراتيجية تجمع بين شركات التكنولوجيا (IT) وشركات الطاقة والنفط، ضمن بيئة مهنية متخصصة تفتح آفاق التعاون المشترك.
ما بين المستثمرين، والمطورين، وقادة الأعمال، لبناء شراكات استراتيجية، وتبادل الخبرات، وتعزيز التكامل بين الابتكار التقني واحتياجات قطاع الطاقة.
كما يسهم في خلق علاقات تعزز فرص الاستثمار والتعاون طويل الأمد.



# STRATEGIC OBJECTIVES



- Enable energy companies to adopt intelligent multi-energy city models
- Accelerate AI adoption across oil, gas, and renewable energy value chains
- Enhance infrastructure readiness for predictive and autonomous operations
- Elevate industrial cybersecurity standards across energy cities
- Support emissions reduction and intelligent carbon management
- Launch joint partnerships between energy companies, technology providers, and investors

# SUMMIT TRACKS

## Intelligent Energy Cities & Governance

## حوكمة وتشغيل مدن الطاقة الذكية

Sub-Tracks :

- Intelligent Oil & Gas Cities
- Multi-Energy City Operating Models
- Integrated Energy Command Centers
- Digital Energy Regulations & Smart Licensing
- Citywide Emission Intelligence
- Industrial Solar & Hybrid Energy Systems





BY
ENERGY
LEADERS ,
FOR
ENERGY
LEADERS .

# SUMMIT TRACKS

**AI Across the Energy Value Chain**

**الذكاء الاصطناعي عبر سلاسل قيمة الطاقة**

Sub-Tracks :

- AI for Reservoir & Subsurface Intelligence
- AI-Driven Drilling & Production Optimization
- AI in Refining, Petrochemicals & Processing
- AI for Energy Trading & Demand Forecasting
- AI in Carbon Capture & Circular Carbon Systems

# SUMMIT TRACKS

## Digital Energy Operations & Smart Fields

## التشغيل الرقمي والميدان الذكي

Sub-Tracks :

- Digital Oil & Gas Fields
- AI-Enabled SCADA & IIoT
- Edge AI for Remote Energy Operations
- Digital Workforce (AR / VR / Wearables)
- Safety Automation in Hazardous Environments





# SUMMIT TRACKS

## Digital Twins & Asset Intelligence

## التوائم الرقمية وهندسة الأصول

Sub-Tracks :

- Pipeline & Network Digital Twins
- Refinery & Tank Farm Twins
- Ports, LNG & Energy Logistics Twins
- Simulation-Based Decision Making

# SUMMIT TRACKS

## Predictive Maintenance & Reliability

## الصيانة التنبؤية وإدارة الموثوقية

Sub-Tracks :

- AI-Based Predictive Maintenance Systems
- Compressor & Turbine Intelligence
- Rotating Equipment Health Monitoring
- Shutdown, Turnaround & Outage Optimization





# SUMMIT TRACKS

## Industrial Cybersecurity & Resilience

## الأمن السيبراني الصناعي ومرونة التشغيل

Sub-Tracks :

- OT / ICS / SCADA Cybersecurity
- AI for Threat Detection & Incident Response
- Cyber-Physical Risk Management
- Red Team / Blue Team Simulations

# SUMMIT TRACKS

## Robotics, Automation & Aerial Intelligence

## الروبوتات والأتمتة والمراقبة الذكية

Sub-Tracks:

- Robotic Inspection for Pipelines & Facilities
- AI-Powered Drone Inspections
- Autonomous Patrol & Monitoring Systems





# SUMMIT TRACKS

## Energy-Tech Investment & Partnerships

## الاستثمار والشراكات التقنية

Sub-Tracks:

- Energy–Technology Co-Innovation Models
- Startup Showcases & Pitching
- Venture Capital & Private Equity in Energy Tech
- Government–Industry Strategic Partnerships

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# Partnership Packages

## BRONZE PARTNERSHIP

**3,000$**

- logo display on materials
- 1 complimentary conference pass
- listed as Bronze sponsor
- Digital visibility package
- Partner recongition
- Conference proceedings inclusion
- Networking access
- Certificate of partnership

## SILVER PARTNERSHIP

**6,000$**

- Exhibition booth with logo display
- 2 complimentary conference pass
- listed as Silver sponsor
- Standard visibility package
- Digital recongition
- Conference kit inclusion
- Access to Networking session
- Partner status recognition

## GOLDEN PARTNERSHIP

**10,000$**

- Presentation slot with prominent booth
- 3 complimentary conference passes
- Logo display on conference materials
- Standard recognation announcements
- Networking session access
- Digital marketing inclusion
- Conference proceedings mention
- Exhibition opportunities

## PLATINUM PARTNERSHIP

**20,000$**

- Presentation slot with premium booth
- 3 complimentary conference passes
- Largest Logo display across all materials
- Priority recognation in announcements
- VIP Networking access
- Documentary feature spotlight
- Social media campaign inclusion
- Premium booth location

# Organizers

**About the Organizer:**
SIBAL for Studies and Consultations is a Jordan-based consulting and events company that helps organizations turn knowledge into business results. Its work spans applied and analytical research, professional training and capacity building, institutional and strategic consulting, and international conferences that bring together companies, decision-makers and experts from across the region.
SIBAL's role in EnergyX goes beyond hosting an event. It designs the summit as a working platform for the energy and technology sectors: connecting energy companies with technology providers and investors, structuring B2B meetings around real operational needs, and building regional participation from Saudi Arabia, Egypt, Jordan, Libya, the UAE, Syria and Iraq. SIBAL's applied research and strategic consulting experience supports the programmer's focus on practical decisions in digitalization, industrial cybersecurity, renewable and hydrogen. Its record of delivering international events in Jordan, including Excellence in AI in Petra in November 2025, gives participants and partners an organizer with the regional reach to turn introductions into partnerships

**About the Organizer:**
Raven Energies is a leading global consultancy firm specializing in Project development, Project Management, Engineering Consultancy, Asset Integrity Management, Energy Transition Consultancy, Environment, Quality, standardization, Artificial Intelligence, innovation and software solutions for the energy industry worldwide by maximizing the utilizations of the asset value as well as the operation and management of infrastructure, industrial, Oil& gas and energy projects.

Raven Energies is proudly accredited by International Artificial Intelligence Driving License (IAIDL) Accreditation from USA for (AI and Future Management Tools) Training and Consultation services
At Raven Energies is contributed as technical and PMC partner in a unique profile in oil and gas projects in Decarbonization and low carbon fuels production across middle east and North Africa such as Zambia, Egypt.

Raven Energies L.L.C is headquartered in Dubai, strategically positioned to serve the entire energy sector in the Middle East and North Africa. Whether you seek Energy consultations, project management expertise.
At Raven Energies L.T.D UK. Co, a United Kingdom-based company is operational branch in Europe to serve the entire energy sector in the United Kingdom and EU.

Raven Energies UK Office Address: 112 Loughborough House, Dagenham – London – United Kingdom.
Raven Energies UAE Address: Khaimah Building – Deira – Dubai – UAE.

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# SPEAKERS



**Independent Senior Advisor for Energy,** Transport and Infrastructure
**Dr. Viktoriia Betina** is a Dubai-based independent advisor on green fuels, transport and infrastructure with 13+ years of experience. She advises governments, investors and industry on SAF, green hydrogen, e-methanol and HVO, and on financial structuring for clean fuel projects. She previously worked with EY, Ramboll, Dorsch Global and Dornier Group.

**Dr. Viktoriia Betina**



**Energy Management**
Studies Director - Alexandria Mineral Oils Company (AMOC)
**Dr. Mohamed El Seuofy** is an Energy Efficiency and Sustainability professional with over 15 years of industrial experience. He is Director of Energy Management Studies at AMOC, Lecturer at Alexandria University, and a certified trainer across Egypt and the Middle East. His expertise includes **ISO 50001**, energy auditing, carbon footprint, sustainability, decarbonization, and green hydrogen

**Dr. Mohamed El Seuofy**



Manager at Qatar Community College , AI and Digital Transformation Consultant
**IAIDL Approved Trainer**

**Dr. Rooda Alqebaisi** is an AI and Digital Transformation Consultant, Manager at the Community College of Qatar, and IAIDL-approved trainer. She supports technology entrepreneurs through Qatar Development Bank and specializes in AI-driven organizational development, digital readiness, and innovation.

**Dr. Rooda Alqebaisi**



**Chief technology Officer (CTO) , AI and Digital Transformation Consultant** at Raven Energies.

**Mariem Abdel Salam** is a Chief Technology Officer and AI and Digital Transformation Consultant, specializing in AI solutions for SMEs.

Her expertise includes AI-driven organizational development, digital readiness, and technology innovation across the UK and GCC through Raven Energies.

**Eng. Mariam Abd-Elsalam**

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# SPEAKERS



**Associate Professor of Electronics Engineering – Al-Balqa Applied University, Jordan**

Dr. Ghadeer Nyazi Al Shabaan holds a PhD in Electronics Engineering from the University of Dundee, UK. Her expertise spans renewable energy, photovoltaic systems, artificial intelligence, digital transformation, and institutional governance. Her research focuses on PV performance optimization, environmental modelling, and energy demand prediction, alongside experience in higher education, reform, quality assurance, and institutional development.

**Dr. Ghadeer Nyazi Al Shabaan**



**Executive General Manager at GASCO | Accredited UNFCCC Observer & International Climate Policy Author**

Eng. Mohamed Ibrahim Zaki Mosaad Haggag is an Executive General Manager at GASCO with extensive experience in energy infrastructure and industrial operations. He is an accredited UNFCCC Observer and an international climate policy author, contributing to global climate dialogue and sustainable energy initiatives. His expertise focuses on improving natural gas efficiency, green combustion technologies, and combined heat and power (CHP) systems to reduce emissions and support pathways toward net-zero carbon emissions.

**Eng. Mohamed Ibrahim Zaki Mosaad Haggag**



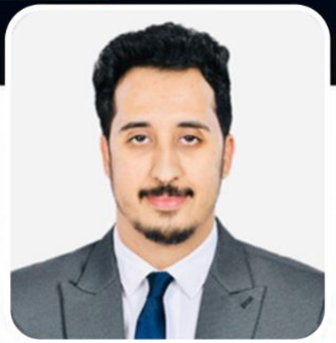
**Senior ICSS Engineer at Schnieder Electric**
**OT/ICS/SCADA Cybersecurity in Automation at Oil and Gas**

Eng. Zyad Shalaby is a Senior Industrial Automation & Systems Professional with extensive experience in industrial automation in Oil and Gas, process control systems, and industrial IT infrastructure. TUV Certified. Focused on system reliability, troubleshooting, and optimizing operational performance in industrial environments.

**Eng. Zyad Shalaby**

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# SPEAKERS



**Managing Director and Co- Founder at Raven Energies - Dubai.**

ADNOC Approved Consultant, Lead I&C Engineer, ACTVET, CFSP, CompEx, IAIDL, AIMA Assessor, UNFCCC Observer COP31.

Mohamed Ali is an independent Energy Consultant with 12+ years of experience in Oil and Gas sector, angle investor in low carbon fuels productions, he is leading promising initiatives for energy transition in egypt and GCC on SAF and Green Methanol production, helping equity investors and governments to develop feasible green fuel projects as PMC partner.

**Eng. Mohamed Ali**



**Country officer IFGICT;**
**Jordan GCC and Iraq**

- ICT executive leader
- Experienced in technology, management, leadership, regulatory affairs and strategy

Eng. Belal Al-Hafnawi is currently Commissioner and Full-Time Board Member at the Telecommunications Regulatory Commission (TRC). He brings extensive experience in technology, management, leadership, regulatory affairs, and strategy, with a strong focus on advancing ICT development and digital transformation across Jordan, GCC, and Iraq.

**Eng. Belal Al-Hafnawi**



**Senior Advisor, Association of Arab Universities**
**Expert in IT & Artificial Intelligence**

Prof. Walid A. Salameh is a Professor of Computer Engineering at Princess Sumaya University for Technology (PSUT) and a former Vice President of the University. He currently serves as a Senior Consultant to the Association of Arab Universities (AArU). His academic and professional interests include artificial intelligence and its applications, particularly AI-enabled smart buildings, the Internet of Things (IoT), and intelligent energy solutions. He has published more than 70 research papers in reputable international journals and authored more than four books, in addition to numerous book chapters.

**Prof. Walid A. Salameh**


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تشمل رسوم المشاركة:
رسوم الورش
التي ستقام على هامش المؤتمر.
الرحلات السياجية والأنشطة الثقافية
على هامش المؤتمر.
الاستقبال والتوديع
من وإلى المطار أو في نقاط تجمع مركزية.
الإقامة والإعاشة
خلال أيام المؤتمر في الفندق لمدة ثلاث ليالي وثلاث أيام.
حقيبة مشارك
متكاملة.
شهادة مشاركة
معتمدة في المؤتمر.
التواريخ المهمة
01
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آخر موعد للتسجيل وتأكيد الحضور
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03
موعد المؤتمر
26 - 28/11/2026