

OMAN INDUSTRY

سلطنة عُمان
وزارة النقل والاتصالات وتقنية المعلومات
Sultanate of Oman
Ministry of Transport, Communications and
Information Technology



ARTIFICIAL INTELLIGENCE

FORUM 2023 Consultancy Intelligence Publishing

***“How will ‘AI’ Enable Oman’s Industry
to Empower the National Economy?”***

Wednesday, Nov. 1st | Grand Millennium Hotel - Muscat

FORUM PARTNERS



Forum Theme 2023

“How will ‘AI’ Enable Oman’s Industry to Empower the National Economy?”

Oman, like many other countries, is facing the challenge of ensuring that its industries do not get left behind in the global Artificial Intelligence (AI) revolution. The Sultanate has been making efforts to implement AI across various sectors such as healthcare, public transport, and education, as well as vital industries such as energy, logistics, agriculture, banking and finance. However, a lot still needs to be done to fully embrace the potential of AI and leverage it to drive innovation, efficiency, and growth.

The Omani Ministry of Economy launched a OMR 10 million ‘National Initiative to Empower the National Economy Enhanced by Artificial Intelligence’ for the year 2024, with the aim of integrating AI applications and technologies into development projects and programs. The national initiative, launched with the support and supervision of the Ministry of Economy, in cooperation with the Ministry of Transport, Communications and Information Technology, is aimed at enabling and encouraging investment and integration of artificial intelligence applications and technologies in development projects and programs in the economic diversification sectors specified in the Tenth Five-Year Development Plan (2021-2025).

It is structured to achieve economic development based on the technologies and uses of artificial intelligence; enhance the efficiency of development spending by increasing productivity, improving quality and reducing costs; enable and integrate AI applications and technologies into developmental projects; develop smart government services and ensure their quality; and enhance investment opportunities based on technology and innovation. As part of the application mechanism, government agencies and institutions will submit initiatives to the Ministry of Economy, which will be subject to evaluation by a specialized team in cooperation with the Ministry of Transport, Communications and Information Technology.

National Host Partner



The Ministry of Transport, Communications and Information Technology supervises a number of national projects Such as, the ports and airports that connect the Sultanate with the world and contribute to diversifying the sources of income and achieve sustainable development in various economic, industrial, commercial, tourism and other fields. These efforts are accompanied with the Ministry's relentless strive to make the transport and logistics sectors in the Sultanate have a global reputation, to be the second source of national income and within the top ten in logistics performance at the international level by 2040. at the local level, side by side with all these projects, The Ministry works to regulate land and sea transport industries by issuing the needed legislations. The Ministry is also the responsible body for formulating and implementing the government digital strategies and programs in the Sultanate of Oman. Its main mission is to raise the level of efficiency in government performance, support innovation in service delivery, and enhance spending and economic growth through the use of information and communication technology. The directions and objectives set for Oman Vision 2040 indicate the importance of creating an agile, innovative government apparatus that can shape the future based on the principles of governance and accommodate future ambitions in order to reach advanced levels in the digital government. Accordingly, the Ministry has developed the National Digital Economy Program 2021-2025 in cooperation with the relevant entities. The program consists of several executive programs, including the government digital transformation program, as one of the main executive programs to achieve the desired priorities. The Government Digital Transformation program includes in its implementation plan a large number of government entities representing all the main and supportive sectors to enable the government sector. The Ministry seeks to enable the government sector to achieve outstanding innovative performance, provide smart services, proactive procedures, and a rewarding digital experience. The Government Digital Transformation Program includes a number of basic pillars that constitute the main components of digital transformation, such as smart services, proactive measures, innovative digital solutions and applications, and excellence in government performance along with adopting Open source data and e-community participation. The Ministry, in cooperation with all relevant government and private entities, have identified a number of initiatives and projects to be implemented during the next phase, according to specific criteria, such as aligning with national directions, achieving the main objectives, influencing the financial, economic and competitive factors of the Sultanate and other criteria that support national strategies. The Government Digital Transformation Program also focuses on activating Shared centralized solutions and systems that ensure the enhancement of institutional readiness and its empowerment towards managing and planning resources in a flexible and consistent manner.

Key Note Forum Special Guest

H.E. Dr. Ali Al Shidhani

Undersecretary for Communications & Information Technology at Ministry of Transport, Communications and Information Technology

Currently serving as the Undersecretary for Communications & Information Technology at the Ministry of Transport, Communications, and Information Technology, leading efforts to architect a Digital Economy that contributes to Oman's prosperity. In his previous role as Group VP Technology for Asyad Group, he is responsible for formulating and executing the organization's technology and innovation strategy. Prior to that, he served as the director of Research Centers & ICT Research at The Research Council of Oman, where he successfully managed research centers and pioneered national-level initiatives in research and innovation. Additionally, as an Assistant Professor at Sultan Qaboos University, he imparted knowledge, conducted cutting-edge research, and mentored undergraduate and postgraduate students. He has strong academic background, with a B.Eng in Electrical and Computer Engineering from Sultan Qaboos University, Masters of IT in Data Communications from the Queensland University of Technology, and Ph.D. in Electrical and Computer Engineering from the University of British Columbia.



Confirmed Speakers 2023

PLENARY SESSION SPEAKERS



H.E. Dr. Ali Al Shidhani
Undersecretary for Communications and Information Technology Ministry of Transport, Communications, and Information Technology



Sheikh Talal Said Marhoon Al Mamari
CEO
Omantel



Cinzia Farise
CEO
Oman Cables



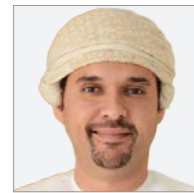
Sheikh Aimen Al Hosni
CEO
Oman Airports



Reggy Vermeulen
CEO
Port of Duqm



Bert Baeck
CEO
Timeseer.AI



Hussain Ghalib Al-Yafai
CEO
Standard Chartered Bank



Dr. Haider Al Lawati
Senior Manager AI
Oman Data Park



Dua Al Toobi
Head of Transformation & Culture
Commercial Bank of Dubai



Morgan Eldred
Managing Partner
Digital Energy

ROUNDTABLE FEATURED SPEAKERS



Ghaith Al Darmaki
Group Chief Technology Officer
ASYAD Group



Sheikh Musallam Al Maashani
CEO
Al Baraka Oilfield Services SAOC



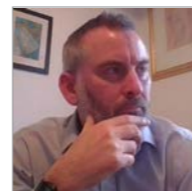
Hamood Al Hamadan
Director of Sas for Entrepreneurship Center,
Ministry of Transport, Communications, and
Information Technology



Rumaitha Al Busaidi
Business Development Manager
Hydrom



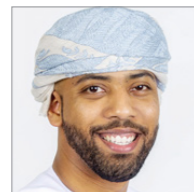
Dr. Salim Al Shuaili
Director of Artificial Intelligence
& Advance Technology Projects
Ministry of Transport, Communications, and
Information Technology



Dr. Andrew McCarthy
Head of Geoscience
CC Energy Development



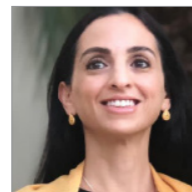
Martyn Cowie
Managing Partner
Tyde Digital



Masoud Al Rawahi
CEO
Phaze Ro



Carsten Sonne-Schmidt
CEO
Digital Energy



Dr. Zainab Zohmy
AI & ML Expert
Zenn AI



Javed Dalwai
Head of Digitalization
CC Energy Development



Mawia Ahmed Said Al Kindi
Head of the Legislation Department
Ministry of Transport, Communications, and
Information Technology



Dr. Abdullah Al Rashdi
Digital Author
Oman



Dr. Adhari Alzaabi
Assistant Professor
Sultan Qaboos University



Dr. Farooq Al Jahwari
CEO
Director, Oil and Gas Research
Center SQU



Vladimir Krdzic
Head of Technology & Digital
Petrofac



James Lang
Vice President - Business Development
Quorum Software



Jimmy Thatcher
Director of Data Science and AI
Digital Energy

BREAKFAST BRIEFING PRESENTERS



Hamdan Mohammed Said Al Alawi
Director of Artificial Intelligence &
Advanced Technology Development
Program, Ministry of Transport,
Communications, and Information
Technology



Khalid Ahmed Alhousni
CEO & Chief Data Scientist
K. A. Consultants LLC



Ahmed Mohamed Al-Aamri
GM - Digital Transformation
& Cyber Security
BE'AH

Forum Structure 2023 - FOUR SESSIONS

8:00AM: SESSION A - 4 X BREAKFAST BRIEFING LECTURES



9:00AM: SESSION B - PLENARY SESSION

National Policymakers: Keynote Speeches & Fireside Chat



Oman CEO Panel

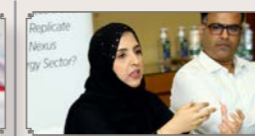


AI Industry Experts Panel



11:00AM: COFFEE BREAK

11:30AM: SESSION C - 4 X INDUSTRY ROUNDTABLES



1:30PM: LUNCH

- END -

Oman Energy Industry-Academia R&D Summit

Action plan created from the recommendations and solutions from The 2016 Oman Energy Industry-Academia R&D Summit & Whitepaper.



The 10th Anniversary Oman Industry Forum A Decade of Dialogue - Timeline

2014-15	2016	2017	2018
<p>May 2015</p> <p>Gulf Intelligence meets with the Ministry of Oil and Gas in Oman</p> <p>"We need a long-term Oman Energy Master Plan that delivers recommendations and solutions that are aligned with All stakeholders from Industry, Academia, and Government." - Senior Government Official</p> <p>Oct 2015</p> <p>The 2015 OEF Industry Workshop</p> <p>Two hundred national and international stakeholders from the Oman energy industry and its associated ecosystem – encompassing academia, government, international organizations, and the private sector – gathered to answer the question: <i>What does Oman need to do to ensure that it is still a significant oil and gas producer in 2040?</i></p> <p>The answers revolved around five streams of study:</p> <ol style="list-style-type: none"> 1. Energy Supply 2. Energy Demand 3. R&D 4. Labour 5. Water-Food-Energy Nexus <p>Jan 2016</p> <p>Oman Energy Master Plan 2040 - Draft Report Published</p> <p>The top three recommendations harvested from the OEF Industry Workshop for each of the key energy challenges addressed form the heart of the Oman Energy Master Plan 2040.</p>	<p>R&D Timeline</p> <p>Q1 2016</p> <p>Gulf Intelligence meets with Sultan Qaboos University and The Research Council to discuss the next steps in pushing forward the top R&D recommendation from the Oman Energy Master Plan 2040, which is "Align Academia and Industry in the Delivery of an Enhanced R&D Ecosystem in Oman".</p> <p>Q2-Q4 2016</p> <p>The Inaugural Occidental Oman Student Awards for the Advancement of Post-Graduate Education recognized four accomplished Winners (two, PhD, two Masters) at the Oman Energy-Industry Academia R&D Summit. The awards celebrate the country's future Academia and Industry leaders who will contribute to developing and enhanced R&D ecosystem in Oman.</p>	<p>Q4 2016</p> <p>Oman Energy Industry-Academia R&D Summit Action plan created from the recommendations and solutions from The 2016 Oman Energy Industry-Academia R&D Summit & Whitepaper.</p> <p>Q1 2017</p> <p>Gulf Intelligence meets with Sultan Qaboos University and The Research Council to discuss the next steps in pushing forward the top R&D recommendation from the Oman Energy Master Plan 2040, which is "Align Academia and Industry in the Delivery of an Enhanced R&D Ecosystem in Oman".</p> <p>Q2 2017</p> <p>Special Leadership Summit with H.E. Dr. Mohammed bin Hamad Al Rumhy, Minister of Oil and Gas in Oman</p> <p>Q3 2017</p> <p>Drafting of Oman Energy Industry & Academia R&D Protocol Narrow the Gap between Industry & Academia to establish efficient R&D Partnerships.</p>	<p>Q3-Q4 2017</p> <p>Ratification of Oman Energy Industry & Academia R&D Protocol 40+ Institutions ratify The 2017 Oman Energy Industry-Academia R&D Protocol in an effort to build a vibrant research ecosystem within the country, which can deliver the solutions that the energy industry requires to sustain output through to 2040 and beyond.</p> <p>Q1-Q2 2018</p> <p>Implementation of Oman Energy Industry & Academia R&D Protocol</p> <p>Q3 2018</p> <p>Research Project Implemented: Oman Energy Industry & Academia R&D Protocol Four research agreements to boost R&D collaboration between Industry & Academia in Oman signed between the Ejaad platform, Sultan Qaboos University and Petroleum Development Oman.</p>

LABOUR - THE FUTURE OF WORK

Timeline

<p>November 2017</p> <p>The 5th Gulf Intelligence Oman Energy Forum tackled the Topic of 'The Future of Work and the Work of the Future' in coordination with the Oman Energy Master Plan 2040.</p>	<p>February 2018</p> <p>The Leadership Summit brought together an exclusive group of senior stakeholders in Oman to be briefed on The Future of Work Action Plan. The senior leadership in attendance then ranked, in order of priority, the Top 10 Recommendations to be taken forward and implemented immediately.</p>	<p>May 2018</p> <p>The Oman Employability Index Roundtable Brought together an exclusive group of key stakeholders to brainstorm the criteria and parameters that will form the heart of the index.</p> <p>Gulf Intelligence hosts Employability Index Seminars with PDO; with OOC; with OPAL</p>	<p>May 2018</p> <p>The Future of Work Action Plan captured the key recommendations that emerged from the Oman Energy Forum brainstorming sessions.</p>
---	--	--	--

2019	2020	2021	2022
<p>ENERGY TRANSITION Timeline</p> <p>Q4 2018</p> <p>The 6th Gulf Intelligence Oman Energy Forum tackled the theme of How to Power Oman's Energy Transition Plan for the Future?</p> <p>February 2019</p> <p>The Leadership Summit brought together an exclusive group of senior stakeholders in Oman to be briefed on The Oman Energy Transition Action Plan. The senior leadership in attendance then ranked, in order of priority, the Top 10 Recommendations to be taken forward and implemented immediately.</p> <p>November 2019</p> <p>The 7th Gulf Intelligence Oman Energy Forum tackled Oman's Energy Transition: Turning Climate Change Challenges Into Opportunities?</p> <p>August 2020</p> <p>Royal Decree No. 96/2020 amends the name of the Ministry of Oil and Gas as "Ministry of Energy and Minerals."</p>	<p>February 2020</p> <p>The Oman Energy Leadership Summit brought together an exclusive group of senior stakeholders in Oman to be briefed on the outcomes of the Oman Energy Forum 2019. Leaders from Oman's energy sector devised an action plan for immediate implementation to turn climate change challenges into opportunities.</p> <p>July 2020</p> <p>CCED in partnership with Muscat University launch the Online Professional Seminars Series 2020: How to Embed the 4IR Toolbox into Your Business Operations?</p> <p>Stream 1 - Energy Supply: What are the Top Recommended strategies to maximize Benefits to Oman of its Energy Resources?</p> <ol style="list-style-type: none"> 1. Create, Adopt and Implement a Comprehensive Energy Action Plan including immediate implementation of renewables. 2. Establish a Ministry of Energy. 3. Facilitate Small Scale Rooftop 4. Invest Power Generation (for local communities) 	<p>November 2021</p> <p>The Oman Energy Forum 2021 The Water-Food-Energy Nexus How to find Sustainable & Holistic Solutions for Oman to Achieve Water-Food-Energy Security?</p> <p>The 8th Oman Energy Forum 2021 Virtual Workshop Series The Water-Food-Energy Nexus</p> <p>Whitepaper The Water-Food-Energy Nexus</p> <p>Special Report Oman Energy Master Plan 2040</p>	<p>November 2022</p> <p>The 9th Oman Energy ESG FORUM "How to Power Sustainable Economic Diversification in Oman?"</p> <p>Whitepaper ESG</p> <p>Oman Energy Master Plan 2040 FIVE YEAR CAMPAIGN SERIES 2016-2021 FINAL REPORT</p> <p>How to Power Sustainable Economic Diversification in Oman?</p>



Consultancy
Intelligence
Publishing