



44th IAEE
INTERNATIONAL
CONFERENCE
Riyadh, Saudi Arabia
4-9 February 2023



جمعية اقتصاديات الطاقة
Saudi Association for Energy Economics



DAY I

SATURDAY, FEBRUARY 4, 2023

10:00 – 14:30

YOUNG PROFESSIONAL'S DAY

HILTON RIYADH HOTEL & RESIDENCES, 6623 EASTERN RING RD, GHIRNATAH, RIYADH

- SESSION 1: THE SCHOLAR-PROFESSIONAL CONNECTION IN ENERGY POLICY
- LUNCH
- SESSION 2: CONSTRUCTING VALID DESIGNS AND DRAWING VALID CONCLUSIONS IN ACADEMIC, BUSINESS, AND THINK TANK RESEARCH

18:00 – 21:00

INAUGURATION

KEYNOTE: HRH PRINCE ABDULAZIZ BIN SALMAN AL SAUD, MINISTER OF ENERGY OF SAUDI ARABIA

CONVERSATION WITH HRH THE MINISTER & DANIEL YERGIN

GALA DINNER, IAEE DISTINCTION AWARDS

DAY 2

SUNDAY, FEBRUARY 5, 2023

08:00 – 09:00

REGISTRATION AND NETWORKING BREAKFAST

08:00 – 09:00

IAEE AFFILIATE LEADERS MEETING (BY INVITATION ONLY)

09:00 – 09:45

OPENING PLENARY SESSION

OPENING REMARKS: [FAHAD ALAJLAN](#), PRESIDENT, KAPSARC

[HE MAJID AL-MONEEF](#), CHAIRMAN OF THE BOARD, SAUDI ASSOCIATION FOR ENERGY ECONOMICS (SAEE)

[JEAN-MICHEL GLACHANT](#), PRESIDENT, INTERNATIONAL ASSOCIATION OF ENERGY ECONOMICS (IAEE)

SPECIAL KEYNOTE: -TO BE ANNOUNCED-

09:45 – 11:15

PLENARY SESSION: ENERGY VOLATILITY, SECURITY, AND ACCESS

HOW CAN WE CREATE ENERGY FOR ALL IN A TIME OF VOLATILITY AND ENERGY SECURITY CONCERNS? MODERN ENERGY ACCESS IN RURAL AND DEVELOPING REGIONS IS KEY TO SOLVING THE WORLD'S PROBLEMS INCLUDING ECONOMIC GROWTH, QUALITY OF LIFE, INEQUALITY, SOCIAL STABILITY, AND ENVIRONMENTAL NEEDS. THIS SESSION AIMS TO EXPLORE CHALLENGES, GAPS, AND WAYS TO ENABLE JUST AND INCLUSIVE ENERGY TRANSITION AND REGIONAL ENERGY INTEGRATION.

KEYNOTE: [DANIEL YERGIN](#), VICE CHAIRMAN, S&P GLOBAL

PANELISTS: [IBRAHIM A. AL-MUHANNA](#), VICE CHAIRMAN, SAUDI ASSOCIATION OF ENERGY ECONOMICS (SAEE)

[JEFFREY CURRIE](#), GLOBAL HEAD OF COMMODITIES RESEARCH, GLOBAL INVESTMENT RESEARCH, GOLDMAN SACHS

[COBY VAN DER LINDE](#), DIRECTOR, CLINGENDAEL INTERNATIONAL ENERGY PROGRAMME (CIEP)

[KENNETH B. MEDLOCK III](#), FELLOW IN ENERGY AND RESOURCE, ECONOMICS; SENIOR DIRECTOR, CENTER FOR ENERGY STUDIES, RICE UNIVERSITY

MODERATOR: [KAUSHIK DEB](#), SENIOR RESEARCH SCHOLAR, CENTER ON GLOBAL ENERGY POLICY, COLUMBIA UNIVERSITY SIPA



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11:15 - 11:45
11:45 - 13:15
13:15 - 14:45
14:45 - 16:15

COFFEE BREAK

CONCURRENT SESSIONS

LUNCH & POSTER SESSION

DUAL PLENARY SESSIONS

TRACK 1: ENERGY INVESTMENT AND FINANCING

ENERGY INVESTMENT AND FINANCING ARE CRITICAL PILLARS THAT CAN EITHER ENABLE THE ENERGY TRANSITION OR UNDERMINE IT. MORE THAN JUST INCREASING THE TOTAL FINANCING AVAILABLE, THE FORM OF FINANCING AND HOW TO INVEST IT TO ACHIEVE OUR GOALS ARE CHALLENGES THAT DESERVE INVESTIGATION. THIS SESSION WILL DELIBERATE ON THE ROLE OF INVESTMENTS IN ENERGY PRODUCTION, AND HOW FINANCING OF NEW TECHNOLOGIES CAN ENSURE CONTINUED PROSPERITY WHILE MEETING CLIMATE AMBITIONS.

KEYNOTE: [JASON BORDOFF](#), CO-FOUNDING DEAN OF THE COLUMBIA CLIMATE SCHOOL, FOUNDING DIRECTOR OF THE CENTER ON GLOBAL ENERGY POLICY, COLUMBIA UNIVERSITY SIPA

PANELISTS: [ASHRAF A. AL GHAZZAWI](#), VICE PRESIDENT OF STRATEGY AND MARKET ANALYSIS, SAUDI ARAMCO
[KHALID ALI AL-RUWAIGH](#), CHIEF EXECUTIVE OFFICER, ARAB PETROLEUM INVESTMENT CORPORATION (APICORP)
[ROBERT MCNALLY](#), FOUNDER AND PRESIDENT, RAPIDAN ENERGY GROUP
[JAMES SMITH](#), PROFESSOR EMERITUS, DEPARTMENT OF FINANCE, SOUTHERN METHODIST UNIVERSITY

MODERATOR: [AXEL PIERRU](#), PROGRAM DIRECTOR, MACRO- AND MICROECONOMICS, KAPSARC

TRACK 2: ENERGY AND TRADE

THE WORLD'S ENERGY TRADE FLOWS ARE RAPIDLY SHIFTING. THE IMPACTS OF THE CONFLICT IN UKRAINE ARE ONLY THE BEGINNING, WITH CHANGING FORMS OF ENERGY (HYDROGEN, RENEWABLES, ETC.) AND NEW PLAYERS GROWING IN PROMINENCE AS THE ENERGY MIX ADJUSTS. IN THIS SESSION WE WILL SPEAK WITH EXPERTS ON HOW TRADE WILL BE IMPACT AND BE IMPACTED BY THE EVOLVING ENERGY LANDSCAPE.

KEYNOTE: [MEHMET OGUTCU](#), CHAIRMAN, GLOBAL RESOURCE PARTNERS, UK, LONDON ENERGY CLUB, BOSPHORUS ENERGY CLUB, CHAIRMAN OF THE ADVISORY BOARD, MEI

PANELISTS: [JAVIER BLAS](#), OPINION COLUMNIST, BLOOMBERG
[KHALED KISSWANI](#), ASSOCIATE PROFESSOR OF ECONOMICS, GULF UNIVERSITY OF SCIENCE AND TECHNOLOGY
[ROBIN MILLS](#), CHIEF EXECUTIVE OFFICER, QAMAR ENERGY
[DOMINIQUE VAN DER MENSBRUGGHE](#), RESEARCH PROFESSOR, DIRECTOR OF THE CENTER FOR GLOBAL TRADE ANALYSIS (GTAP), PURDUE UNIVERSITY



DAY 3

MONDAY, FEBRUARY 6, 2023

08:00 – 09:00

LATE REGISTRATION AND NETWORKING BREAKFAST

08:00 – 09:00

ISTANBUL CONFERENCE PLANNING MEETING (BY INVITATION ONLY)

09:00 – 10:30

PLENARY SESSION: PATHWAYS TO ENERGY TRANSITIONS

ENERGY SECURITY, ENERGY ACCESS, AND OTHER SUSTAINABLE DEVELOPMENT GOALS HAVE BEEN COMPLICATED SIGNIFICANTLY WITH COVID-19 AND THE CONFLICT IN UKRAINE LEADING TO SUPPLY DISRUPTION, PRICE VOLATILITY, AND FOOD INSECURITY. THIS SESSION WILL EXPLORE WHETHER CLIMATE AMBITIONS AND ENERGY SECURITY CAN BE HARMONIZED. WHAT REALISTIC PATHWAYS COULD BEST MEET GLOBAL AND REGIONAL GOALS AND THE ASPIRATIONS OF A JUST ENERGY TRANSITION?

KEYNOTE: [TBA](#)

PANELISTS: [HH NOURA TURKI AL-SAUD](#), FOUNDED PARTNER, AEON STRATEGY

[KHALID ABULEIF](#), SENIOR SUSTAINABILITY ADVISOR TO THE MINISTER MINISTRY OF ENERGY, SAUDI ARABIA

[KEN KOYAMA](#), SENIOR MANAGING DIRECTOR, CHIEF ECONOMIST, THE INSTITUTE OF ENERGY ECONOMICS, JAPAN (IEEJ)

[ADNAN SHIHAB-ELDIN](#), SENIOR VISITING RESEARCH FELLOW, OXFORD INSTITUTE FOR ENERGY STUDIES

MODERATOR: [MOHAMAD HEJAZI](#), PROGRAM DIRECTOR, CLIMATE AND SUSTAINABILITY, KAPSARC

10:30 – 11:00

COFFEE BREAK

11:00 – 12:30

CONCURRENT SESSIONS

12:30 – 14:00

LUNCH & POSTER SESSION



14:00 - 15:30

DUAL PLENARY SESSIONS

TRACK 1: ENERGY, DEVELOPMENT, AND CLIMATE CHANGE

ECONOMIC PROBLEMS OFTEN LEAD TO ENVIRONMENTAL ONES. EMPOWERING DEVELOPMENT CREATES SPACE TO ACCOMMODATE ENVIRONMENTAL CONCERNS, AND THE MENA REGION IS OF PARTICULAR CONCERN. A CHANGING ENERGY SYSTEM INDICATES THAT THE EXISTING STRUCTURES (SOCIAL, ECONOMIC, REGULATORY, ETC.) WILL NEED TO KEEP UP OR ELSE THE REGION WILL LAG BEHIND. THIS SESSION EXPLORES THE LINK BETWEEN ECONOMIC DEVELOPMENT AND ENVIRONMENTAL CONSERVATION AND HIGHLIGHTS FACTORS THAT CAN SIMULTANEOUSLY ENSURE THE PURSUIT OF BOTH.

KEYNOTE: [ROLA DASHTI](#), EXECUTIVE SECRETARY, UN ECONOMIC AND SOCIAL COMMISSION FOR WESTERN ASIA (UNESCWA)

PANELISTS: [NOURA ALISSA](#), SENIOR INTERNATIONAL POLICY ANALYST, MINISTRY OF ENERGY, SAUDI ARABIA

[SAUSAN AL-RIYAMI](#), DIRECTOR OF THE OMAN HYDROGEN CENTRE (OHC), GERMAN UNIVERSITY OF TECHNOLOGY IN OMAN (GUTECH)

[BASSAM FATTOUH](#), DIRECTOR, OXFORD INSTITUTE FOR ENERGY STUDIES

[SARAH NAJM](#), ASSISTANT PROFESSOR, DEPARTMENT OF ECONOMICS, KING SAUD UNIVERSITY

MODERATOR: [STEVEN GRIFFITHS](#), SENIOR VICE PRESIDENT FOR RESEARCH AND DEVELOPMENT, KHALIFA UNIVERSITY OF SCIENCE AND TECHNOLOGY

TRACK 2: ENERGY, WATER, FOOD, AND MINERALS INTERCONNECTIONS

THE FUTURE IS BUILT ON MATERIALS THAT ARE OFTEN IN LIMITED QUANTITIES, WITH LIMITED PRODUCTION CAPACITY, AND IN POLITICALLY DIFFICULT LOCATIONS. UNDERSTANDING THESE PITFALLS, AND THE TOOLS AVAILABLE TO HANDLE OR MITIGATE THEM ALONG WITH THE COMPLEX AND GLOBAL SUPPLY CHAINS INVOLVED ARE JUST AS CRITICAL AS THE MINERALS THEMSELVES. THIS SESSION EXAMINES THE PROBLEM FROM ALL ANGLES, FROM TECHNOLOGY TO GEOPOLITICS, TO GAIN MORE INSIGHT INTO THIS UNDERAPPRECIATED ASPECT OF THE ENERGY TRANSITION.

KEYNOTE: [TBA](#)

PANELISTS: [MICHELLE FOSS](#), FELLOW IN ENERGY, MINERALS, AND MATERIALS, BAKER INSTITUTE, RICE UNIVERSITY

[IAN LANGE](#), DIRECTOR, MINERAL AND ENERGY ECONOMICS PROGRAM, PAYNE INSTITUTE FOR PUBLIC POLICY, COLORADO SCHOOL OF MINES

[RADIA SEDAOU](#), CHIEF ENERGY AND CLIMATE CHANGE SUSTAINABILITY, UN ECONOMIC & SOCIAL COMMISSION FOR WESTERN ASIA (ESCWA)



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-ADDITIONAL PANELIST TO BE CONFIRMED-

MODERATOR: [EUNNYEONG HEO](#), PROFESSOR OF ENERGY AND TECHNOLOGY ECONOMICS, SEOUL NATIONAL UNIVERSITY

COFFEE BREAK

CONCURRENT SESSIONS

IAEE GENERAL MEMBERSHIP MEETING

DINNER AND CULTURAL EVENT: [AD DIRIYAH](#)

15:30 - 16:00

16:00 - 17:30

18:00 - 18:30

19:30 - 21:30



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DAY 4

TUESDAY, FEBRUARY 7, 2023

08:00 - 09:00

NETWORKING BREAKFAST

08:00 - 09:00

MILAN CONFERENCE PLANNING MEETING (BY INVITATION ONLY)

09:00 - 10:30

PLENARY SESSION: ENERGY, MOBILITY, AND TECHNOLOGY

GROWTH IN POPULATION, ECONOMY, AND LIVING STANDARDS, MEANS A GROWTH IN TRANSPORTATION DEMAND. HOW CAN WE MEET THESE NEEDS IN A SUSTAINABLE AND RESPONSIBLE MANNER? THIS SESSION WILL FOCUS ON THE TECHNOLOGY AND REGULATORY OPTIONS NEEDED TO DELIVER THESE SERVICES WHILE MEETING THE MULTI-DIMENSIONAL CHALLENGES OF RESOURCE USE, EMISSIONS, COST, AND IMPACT ON THE URBAN ENVIRONMENT.

KEYNOTE: [AHMAD AL-KHOWAITER](#), CHIEF TECHNOLOGY OFFICER, SAUDI ARAMCO

PANELISTS: [RADOSLAW CZAPSKI](#), SENIOR INFRASTRUCTURE AND TRANSPORT SPECIALIST, WORLD BANK

[GERARDO RABINOVICH](#), DIRECTOR, EMPRESA MENDOCINA DE ENERGÍA S.A. (EMESA)

[ANDREAS W. SCHÄFER](#), CHAIR IN ENERGY AND TRANSPORT, AIR TRANSPORTATION SYSTEMS LABORATORY, UNIVERSITY COLLEGE LONDON ENERGY INSTITUTE

[GEETAM TIWARI](#), PROFESSOR, CIVIL ENGINEERING DEPARTMENT AND TRANSPORTATION RESEARCH, AND INJURY PREVENTION PROGRAMME, IIT DELHI

MODERATOR: [ANVITA ARORA](#), PROGRAM DIRECTOR, TRANSPORTATION AND URBAN INFRASTRUCTURE, KAPSARC

10:30 - 11:00

COFFEE BREAK

11:00 - 12:30

CONCURRENT SESSIONS

12:30 - 14:00

LUNCH & POSTER SESSION





14:00 – 15:30

DUAL PLENARY SESSIONS

TRACK 1: ENERGY EFFICIENCY AND INDUSTRIAL COMPETITIVENESS

ENERGY EFFICIENCY IS THE LOW-HANGING FRUIT OF THE ENERGY TRANSITION, BUT THERE IS STILL MUCH WORK TO BE DONE, ESPECIALLY IN THE DEVELOPING WORLD. BARRIERS (INCUMBENT INDUSTRY, ENERGY COSTS, ETC.) AND ENABLERS (FINANCE, POLICY, TECHNOLOGY) ARE FACTORS TO CONSIDER WHEN PUSHING THE CURRENT ANNUAL RATE OF IMPROVEMENT FROM 1.9% TO THE SDG 7.3 TARGET OF 2.6%. THIS SESSION AIMS TO BRING EXPERTS FROM DIFFERENT DISCIPLINES AND SECTORS TO EXPLORE CHALLENGES, GAPS, AND WAYS TO MOVE FORWARD WITH THIS ISSUE.

KEYNOTE: [FAHAD AL SHEREHY](#), VICE PRESIDENT, ENERGY EFFICIENCY AND CARBON MANAGEMENT, SABIC

PANELISTS: [HH SULTAN BIN KHALID AL-SAUD](#), DEPUTY CHIEF EXECUTIVE OFFICER, THE SAUDI INDUSTRIAL DEVELOPMENT FUND (SIDF)

[RICARDO RAINERI](#), SPECIAL ECONOMIC ADVISOR, AUI, PROFESSOR, PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE

[TATSUYA TERAZAWA](#), CHAIRMAN AND CEO, THE INSTITUTE OF ENERGY ECONOMICS, JAPAN (IEEJ)

-ADDITIONAL PANELIST TO BE CONFIRMED-

MODERATOR: [CLAY SEIGLE](#), DIRECTOR, GLOBAL OIL SERVICE, RAPIDAN ENERGY GROUP

TRACK 2: CHALLENGES AND OPPORTUNITIES FOR THE POWER SECTOR

THE END-GOAL OF THE ENERGY TRANSITION IS A LARGELY ELECTRIFIED WORLD. THE CHALLENGES OF ACHIEVING THIS ARE COMPLEX AND INCLUDE COSTS, RELIABILITY, INFRASTRUCTURE, EMISSIONS, AND INCORPORATING NEW TECHNOLOGIES. IN THIS SESSION WE WILL EXAMINE THE FUTURE DEMAND FOR ELECTRICITY, ALONG WITH THE ENABLERS NEEDED TO ENSURE SUFFICIENT SUPPLY IS AVAILABLE BY EXPERTS WELL-VERSED IN THE CHALLENGES AHEAD.

KEYNOTE: [SAMA BILBAO Y LEON](#), DIRECTOR GENERAL, WORLD NUCLEAR ASSOCIATION

PANELISTS: [BART BOESMANS](#), CHIEF TECHNOLOGY OFFICER, ACWA POWER

[SHIHAB ELBORAI](#), PARTNER, STRATEGY&

[PETER HARTLEY](#), GEORGE A. PETERKIN PROFESSOR OF ECONOMICS, BAKER INSTITUTE RICE, FACULTY SCHOLAR, RICE UNIVERSITY

-ADDITIONAL PANELIST TO BE CONFIRMED-

MODERATOR: [AMRO ELSHURAFI](#), FELLOW, KAPSARC

COFFEE BREAK

CONCURRENT SESSIONS

15:30 – 16:00

16:00 – 17:30





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DAY 5

WEDNESDAY, FEBRUARY 8, 2023

08:00 - 09:00

NETWORKING BREAKFAST

08:00 - 09:00

ASIA-OCEANIA AFFILIATE LEADERS MEETING (BY INVITATION ONLY)

09:00 - 10:30

PLENARY SESSION: ECONOMY AND ENERGY DIVERSIFICATION IN MENA

BREAKING THE RESOURCE CURSE IS NOT AN EASY TASK, BUT DIVERSIFYING ENERGY SOURCES AND THE ECONOMIES BUILT UPON THEM IS NECESSARY TO CREATE RESILIENCE FOR THE FUTURE. THIS SESSION AIMS TO EXPLORE THIS PROBLEM AND PROPOSE REMEDIES SUCH THAT EMERGING ECONOMIES, INCLUDING MENA, CAN ACHIEVE HIGHER LEVELS OF DIVERSIFICATION, SUSTAINABLE ECONOMIC GROWTH, AND THE ENERGY STABILITY THEY CRAVE.

KEYNOTE: [ROBERTA V. GATTI](#), CHIEF ECONOMIST, MIDDLE EAST AND NORTH AFRICA, THE WORLD BANK

PANELISTS: [NOUF ALSHARIF](#), MANAGING DIRECTOR, ECONOMIC RESEARCH, JADWA INVESTMENT

[FUAD HASANOV](#), SENIOR ECONOMIST, INTERNATIONAL MONETARY FUND

-ADDITIONAL PANELIST TO BE CONFIRMED-

MODERATOR: [RAJA ALMARZOQI](#), CHIEF ECONOMIC ADVISOR, MINISTRY OF ECONOMY AND PLANNING, SAUDI ARABIA

10:30 - 11:00

COFFEE BREAK

11:00 - 12:30

CONCURRENT SESSIONS





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12:30 - 14:00

14:00 - 15:30

LUNCH

CLOSING PLENARY SESSION

THIS CLOSING SESSION WILL OFFER REFLECTIONS, KEY TAKEAWAYS, AND LESSONS LEARNED FROM THE CONFERENCE.

PANELISTS: [HE MAJID AL-MONEEF](#), CHAIRMAN OF THE BOARD, SAUDI ASSOCIATION FOR ENERGY ECONOMICS (SAEE)

[CHRISTOPHE BONNERY](#), PRESIDENT, FRENCH ASSOCIATION FOR ENERGY ECONOMICS

[JEAN-MICHEL GLACHANT](#), PRESIDENT, INTERNATIONAL ASSOCIATION OF ENERGY ECONOMICS (IAEE)

[GÜRKAN KUMBAROĞLU](#), VICE RECTOR, PROFESSOR OF INDUSTRIAL ENGINEERING, BOĞAZIÇI UNIVERSITY

MODERATOR: [FAHAD M. ALTURKI](#), CHAIR, PROGRAM COMMITTEE, 44TH IAEE INTERNATIONAL CONFERENCE; VICE PRESIDENT OF KNOWLEDGE AND ANALYSIS, KAPSARC

CLOSING REMARKS: [FAHAD ALAJLAN](#), PRESIDENT, KAPSARC





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DAY 6

THURSDAY, FEBRUARY 9, 2023

TECHNICAL TOUR – SHAYBAH OIL FIELD, THE EMPTY QUARTER

FOR CONFIRMED REGISTRANTS ONLY. PARTICIPANTS IN THE TOUR WILL BE TRANSPORTED VIA A ROUND-TRIP CHARTERED FLIGHT FROM RIYADH. REGISTRATION FOR THE TOUR IS STILL AVAILABLE FOR A LIMITED TIME HERE.

AGENDA:

11:00	BUSES WILL LEAVE FROM A PRE-SPECIFIED LOCATION IN RIYADH TO THE AIRPORT
11:30	TAKE-OFF FROM RIYADH, ARRIVING AT SHAYBAH AT APPROXIMATELY 13:00. CHECK-IN AT THE FACILITIES ENTRANCE, CLEAR SECURITY, AND MEET THE ARAMCO FACILITY TOUR GUIDES
13:00 – 15:00	TOUR THE FACILITY AND VISIT SHAYBAH WILDLIFE SANCTUARY
15:00 – 17:00	OBSERVE THE SUNSET ON THE GOLDEN DUNES
17:30 – 18:45	DINNER
19:00	TAKE-OFF FROM SHAYBAH, RETURNING TO RIYADH
20.30	ARRIVE AT RIYADH AIRPORT

PLEASE NOTE THAT ALL TIMINGS ARE ESTIMATED AND MAY VARY BASED ON WEATHER, LOGISTICAL ADJUSTMENTS, AND OTHER CONDITIONS.

