

# 24<sup>th</sup> WORLD ENERGY CONGRESS

## Preliminary Programme\*

Abu Dhabi, 9-12 September 2019



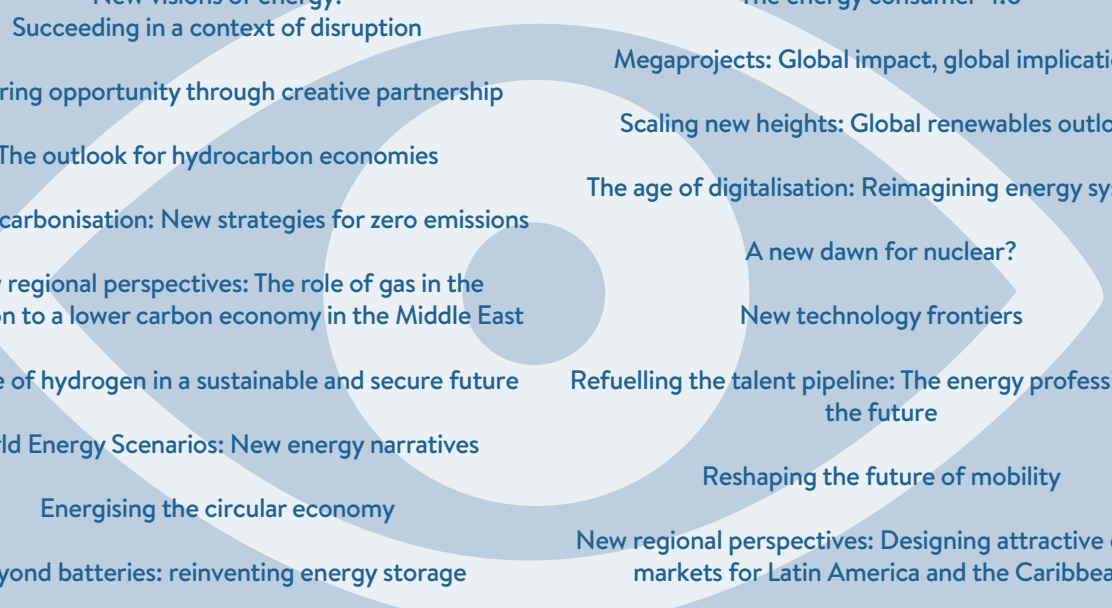
Under the theme “Energy for Prosperity”, the World Energy Congress will lead **over 5,000 delegates** through the most live and critical issues facing the energy industry. The interactive four-day programme will feature **over 60 sessions** and side events with **over 250 speakers** from across the energy ecosystem.

Join energy leaders from across the globe to explore new energy futures, critical innovation areas and new strategies to deliver **sustainable, secure and inclusive energy systems that provide prosperity for all.**



# NEW VISIONS OF ENERGY FOR PROSPERITY

9<sup>th</sup> September



New visions of energy:  
Succeeding in a context of disruption

Capturing opportunity through creative partnership

The outlook for hydrocarbon economies

Deep decarbonisation: New strategies for zero emissions

New regional perspectives: The role of gas in the transition to a lower carbon economy in the Middle East

The role of hydrogen in a sustainable and secure future

World Energy Scenarios: New energy narratives

Energising the circular economy

Beyond batteries: reinventing energy storage

Beyond petroleum 2.0

The energy consumer 4.0

Megaprojects: Global impact, global implications

Scaling new heights: Global renewables outlook

The age of digitalisation: Reimagining energy systems

A new dawn for nuclear?

New technology frontiers

Refuelling the talent pipeline: The energy professional of the future

Reshaping the future of mobility

New regional perspectives: Designing attractive energy markets for Latin America and the Caribbean

# BUSINESS AS (UN)USUAL: OPPORTUNITY FOR CHANGE

10<sup>th</sup> September



The new people power: Driving change for sustainable energy

New regional perspectives: Critical enablers to Africa's energy transition

Global dynamics of gas and unconventional

Getting to grips with blockchain: Cutting through the hype

Financing energy: Closing the clean energy investment gap

Empowered cities for an energy smart future

Cyber security: 3 clicks from collapse

The power of people diversity

Dynamic resilience: Preparing for extreme weather, water stress and cyber risk

Rethinking hydro: Powering tomorrow's world

To invest or divest: New realities and responsibilities

The promise of solar

Unlocking the potential of energy efficiency

New regional perspectives: Asian prospects for a low carbon society

New models of leadership: Profit with purpose

The role of gas in the global energy transition

The business outlook for oil

# INCLUSIVE PROSPERITY: NEW POLICY IMPERATIVES

11<sup>th</sup> September

Driving innovation: the role of governments in the future of energy

The energy water food nexus

The new energy security agenda

Enhancing energy security and electricity integration in the MENA region

Progressing the vision for regional integration

Rethinking the Energy Trilemma: Synergies and co-benefits

New regional perspectives: Forging new avenues for Europe's energy policy

Stepping up on climate action

Communities and the social license to operate

New regional perspectives: What will fuel North America's future energy system?

Accelerating action on the SDGs and the Carbon+ agenda

Congress pulse: Navigating the future

Quality energy access: From lightbulbs to livelihoods

Power, policies and purpose: a new era of energy geopolitics

# INNOVATION: THE PATHWAY TO PROSPERITY

12<sup>th</sup> September

Start-Up Energy Transition: The power of the bold

Rethinking innovation ecosystems beyond technology

Agile giants: Scaling up the entrepreneurial approach

Faster, better, cheaper: Cross sector collaboration for successful energy transitions

Innovation in grids: Future-proofing the power network

Best of the Start up Energy Transition

# GOVERNMENT

## Speaker highlights

**H.E. Joao Baptista Borges** - Minister of Energy & Water, Government of Angola  
**H.E. Abdul Hussain bin Ali Mirza** - Minister of Energy & Water, Government of Bahrain  
**H.E. Bento Alburquerque** - Minister of Mines & Energy, Government of Brazil  
**H.E. Bachir Ismael Ouedraogo** - Minister of Energy, Government of Burkina Faso  
**H.E. Carlos Pérez García** - Minister of Hydrocarbons, Government of Ecuador  
**H.E. Dr. Eng. Sileshi-Bekele** - Minister of Water, Irrigation & Electricity, Govt of Ethiopia  
**H.E. Aziz Rabbah** - Minister of Energy, Mines & Sustainable Development, Govt of Morocco  
**H.E. Arnoldo Wiens Durksen** - Minister of Public Works & Communications, Govt of Paraguay  
**H.E. Alexander Novak** - Minister of Energy, Govt of the Russian Federation  
**H.E. Khalid Al-Falih** - Minister of Energy, Industry & Mineral Resources, Govt of Saudi Arabia  
**H.E. Macky Sall** - President, Government of Senegal  
**Siri Jirapongphan** - Minister of Energy, Government of Thailand  
**H.E. Suhail Mohamed Al Mazrouei** - Minister of Energy & Industry, Govt of the UAE  
**H.E. Sultan Ahmed Al Jaber** - Minister of State, Govt of the UAE; CEO, Abu Dhabi National Oil Company (ADNOC)  
**Dan Brouillette** - Deputy Secretary of Energy, Govt of the United States of America

# BUSINESS & INDUSTRY

## Speaker highlights

**Martin Brudermüller** - CEO, BASF; Germany  
**Steve Bolze** - Sr. Mng. Dir., Global Head of Infrastructure Ops & Asset Mngnt., Blackstone; USA  
**Richard Lancaster** - CEO & Innovation Exec. Chair, CLP Power HK Ltd. & WEC; Hong Kong SAR  
**Remi Eriksen** - Group President and CEO, DNV GL; Norway  
**Saeed Mohammed Al Tayer** - Mng. Dir. & CEO, Dubai Electricity & Water Authority (DEWA); UAE  
**Johannes Teyssen** - CEO, E.ON; Germany  
**Jean-Bernard Lévy** - Chairman & CEO, Electricité de France (EDF); France  
**Joanna Hubbard** - CEO, Electron; United Kingdom  
**Wilson Ferreira Jr.** - CEO, Eletrobras; Brazil  
**Mohamed Al Hammadi** - CEO, Emirates Nuclear Energy Corporation (ENEC); UAE  
**Nandita Parshad** - Managing Director, Energy & Natural Resources European Bank for Reconstruction & Development (EBRD), UK  
**Isabelle Kocher** - CEO, ENGIE; France



**Claudio Descalzi** - CEO, ENI; Italy  
**Eric Martel** - President & CEO, Hydro-Quebec; Canada  
**Dongwook Kim** - Sr. Vice President, Hyundai Motor Group; Republic of Korea  
**Dany Qian** - Vice President, JinkoSolar Co. Ltd.; China  
**Edmund John Phillip Browne** - Executive Chairman, L1 Energy; UK  
**Mohammed Jameel Al Ramahi** - CEO, Masdar; UAE  
**Mussabeh Al Kaabi** - CEO Petroleum & Petrochemicals, Mubadala; UAE  
**Gurdeep Singh** - Chairman and Managing Director, NTPC Ltd.; India  
**Alexey Likhachev** - Director General, Rosatom; Russia  
**Helima Croft** - Managing Director, Managing Director, Royal Bank of Canada  
**Lisa Davis** - Member of the Managing Board, Siemens AG; USA  
**Kim Yin Wong** - CEO, Singapore Power; Singapore  
**Guenter Butschek** - CEO & Managing Director, Tata Motors Group; India  
**Peter Coleman** - CEO & Managing Director, Woodside; Australia

## IGOs

### Speaker highlights

**Fatih Birol** - Executive Director, International Energy Agency (IEA); France  
**Francesco La Camera** - International Renewable Energy Agency (IRENA); UAE  
**Mohammad Barkindo** - Dir. General, Org. of the Petroleum Exporting Countries (OPEC); Austria  
**Rachel Kyte** - Chief Executive Officer, SE4All; USA  
**Martin Frick** - Senior Director, Policy & Programme Coordination UNFCCC; Germany

## CIVIL SOCIETY & EXPERTS

### Speaker highlights

**Frederick Kempe** - CEO, Atlantic Council; USA  
**Andreas Kuhlman** - Chief Executive, DENA; Germany  
**Sandra Ro** - CEO, Global Blockchain Business Council; USA  
**Sun Xiansheng** - Secretary General, International Energy Forum; Saudi Arabia  
**Robert C. Armstrong** - Director, MIT Energy Initiative; USA  
**Manuel Pulgar-Vidal** - Climate & Energy Practice Leader; WWF International

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