



CERAWEEK[®]

by IHS Markit™

CERAWEEK 2019

Future of Cities and
Mayors' Program

Letter of Understanding

Presented to the World Energy
Cities Partnership

November 2018



Background

The World Energy Cities Partnership (WECP) is comprised of leading international energy capitals. Member cities actively seek and develop opportunities to learn, exchange, and engage in activities which strengthen multilateral ties. The WECP primarily serves to facilitate business-to-business interaction, partnerships in energy-related activities, and the sharing of industry knowledge, contacts, and experiences, while providing a worldwide network of industry support services and resources.

CERAWeek is the premier international thought leadership gathering on energy and the environment -- attracting CEOs, public officials, and key decision-makers from the global oil, gas, electric power, technology communities -- as well as the industrial, financial, academics, automotive and chemical sectors. Based in Houston and now in its 38th year, CERAWeek convenes annually some 4000+ senior participants, including some 1,000 C-suite executives, -- plus 300+ members of the global media and over 40 ministers and top government officials. Our mission is to help forge engagement and dialogue on the energy and environmental future; foster relationships and connections, gain insight, and shape investment strategies.

The CERAWeek Innovation Agora has become a premier international “market place for ideas” on new energy solutions and climate mitigation technologies; and a destination for innovators, startups, investors, technology firms, renewable pioneers and thought leaders, as well as traditional energy companies. CERAWeek 2019 will be held on March 11-15, 2019 in Houston Texas.

Objectives

The “Future of Cities” program at CERAWeek is designed to provide thought leadership dialogue and to generate high visibility on the role of cities in driving innovation and the clean energy transition. The focus is on policies and new strategic approaches to advance energy innovation and investment in clean technology. The conference will provide a unique high visibility platform for Mayors to participate; to share knowledge, experiences on emerging initiatives and opportunities to accelerate innovation and clean energy investment.

Approach and Deliverables

This **Letter of Understanding** is meant to outline the terms of an agreement between CERAWeek by IHS Markit and the World Energy Cities Partnership (WECP) for CERAWeek 2019, March 11-15, 2019.

As part of this agreement, the WECP will arrange for 4-8 Mayors to attend and speak at CERAWeek 2019. WECP will invite Mayors via a letter from Sylvester Turner, Mayor - City of Houston and Secretary General – World Energy Cities Partnership, to the members of the WECP. CERAWeek will provide the following benefits to the Mayors in attendance under this agreement:

- High-profile speaking role on Future of Cities session, a strategic forum with Mayors, to be featured in the CERAWeek Innovation Agora and digitally distributed to a wide global audience;
- Mayors Reception, an invitation-only, high-level gathering @ CERAWeek;
- Complimentary CERAWeek passes for you and two staff members to participate in CERAWeek, including opportunities for high-level industry networking and participation in insight sessions that explore specific topics such as transportation and mobility, EVs and electrification, resilience, cybersecurity, hardening of the grid – plus hydrogen, fuels of the future, and more;
- Access to bilateral meeting spaces for you to engage in private discussions with senior energy executives and investors attending CERAWeek
- Complimentary passes to the CERAWeek Innovation Agora for up to ten delegates to advance and to profile your clean energy economy – including start-ups, academic experts and members of your staff
- Recognition of WECP as “Agora Associate” at CERAWeek 2019
- CERAWeek will provide a contact for Mayors’ staff to reserve hotel room at Mayors’ (city’s) expense; all other travel arranged by Mayors’ staff
- Dedicated CERAWeek liaison to help facilitate and support the Mayors at CERAWeek

Timeline and Next Steps

November	Decision to proceed Invitation letters sent from Secretariat to WECP Member Cities
Dec-Jan	Program development and possible speaker confirmations Mayors' staff and WECP Members arrange travel and accommodations Mayors and WECP plan outreach to promote their participation at CERAWeek and the Innovation Agora
January	Mayors and WECP plan outreach to promote their participation at CERAWeek and the Innovation Agora WECP and Future of Cities program included in promotional activities for CERAWeek and the Innovation Agora
February	Final CERAWeek and Innovation Agora program developed and Mayors' Reception planned
March 11-15	CERAWeek

Agreement

We look forward to continuing the established relationship with the City of Houston through this collaborative agreement.

WECP

Signature: _____



Name: Andrew F. Icken

Title: Secretary General

Date: 11/09/2018

CERAWeek by IHS Markit

Signature: _____



Name: James Rosenfield

Title: Co-Chairman CERAWeek, Senior Vice President, IHS Markit

Date: _____

Appendix A: CERAWeek History and Mission

CERAWeek by IHS Markit is the premier annual gathering of senior leaders across the global energy community advancing new ideas, insight and dialogue on the energy future.

Participants include some 4,000 industry executives, thought leaders, and senior government officials. This year is the 38th anniversary of this influential event.

Partnership at CERAWeek offers a high value combination of distinctive visibility and branding, knowledge contribution, media support, delegation support, access to private meeting and peer level communities, hosting and networking into a single tailored strategy that supports the Partner's objectives. Partnership also extends the benefits of the CERAWeek experience throughout the year; including senior relationship building, special programs such as the Future Leaders, Women in Energy and Innovation Pioneers.

CERAWeek provides a comprehensive and integrated framework for understanding what's ahead for global energy including: markets; geopolitics; technology; costs; environmental policy; and the implications for strategy, industry structure, investment and leadership. It also is a platform for partners to meet and connect with peers from around the world.

CERAWeek is comprised of several mutually-reinforcing sessions across the spectrum of energy issues, designed to engage, share ideas and foster relationships. The weeklong Executive Conference featuring conference-wide Plenaries, Strategic Dialogues and Expert Briefings.

Accompanying the Executive Conference and Agora are private partnership programs, including Leadership Circle communities—high-level gatherings advancing discussion and interaction among senior energy executives—as well as partner receptions, informal briefings and private dialogues. Partners also benefit from designated rooms for private meetings, hosting and networking.

Participants

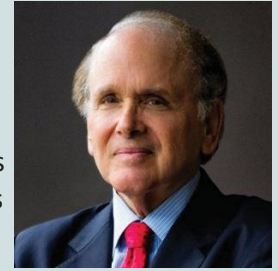
CERAWeek convenes more than 4,000 total delegates from 900 organizations representing over 75 countries. These include over 400 CEOs, over 1000 C-suite executives, and over 50 Ministers and government representatives. Participants encompass all regions and industry segments: oil, natural gas, electric power, coal, nuclear and renewables; as well as technology, investment, innovation, mobility and more.

CERAWeek Speakers

CERAWeek speakers are among the most influential industry executives and officials, thought leaders, investors and innovators.

Chairman

Daniel Yergin, IHS Markit Vice Chairman serves as CERAWeek's Chairman. Dr. Yergin is a highly-respected



authority on energy, international politics and economics. He was described by Fortune as “one of the planet's foremost thinkers about energy and its implications;” by TIME as the “one man whose opinion matters more than any other on global energy markets;” and by the *New York Times* as “America's most influential energy pundit.” Dr. Yergin is author of the Pulitzer-Prize winning book “The Prize”; as well as “The Quest: Energy, Security, and the Remaking of the Modern World.”

Media and Impact

- 300+ Accredited Journalists
- 18,000 global media mentions in 110 countries
- 15,000 news articles
- 23,000 social media mentions
- 265 million Twitter impressions
- CNBC dedicated 141 minutes total time live on location
- Combined broadcast news coverage at CERAWeek by IHS Markit by CNBC, Bloomberg TV, CNN and others totaled 95 segments

“The world's preeminent energy conference”
— CNBC

“The conference, described as ‘the Davos of energy,’ has always attracted a high-powered line-up of executives and policy makers to Houston” — Financial Times

“The year's preeminent energy gathering” — Wall Street Journal

“The ... industry's Super Bowl”
— Politico

Innovation Agora @ CERAWeek

The Innovation Agora is a special program and area at CERAWeek dedicated to emerging energy technology. It offers a unique global “marketplace for ideas”, dialogue and connections on emerging technologies and investment opportunities for the energy future. The Innovation Agora @ CERAWeek features a remarkable assembly of global innovators, senior company executives, officials and thought leaders. The program covers topics from the world of innovation and the “great wave” of new technology – including renewable energy, cloud and digital technology, AI, blockchain, e-mobility, robotics, additive and advanced manufacturing, solar, storage, connectivity and more. The Agora includes distinctive programming and formats, interactive dialogues, and unique experiences designed to highlight the new ideas that are reshaping the energy future.

In 2018 the innovation Agora featured over 200 speakers, more than 130 sessions, and highlighted disruptive technologies and innovations. The Agora hosted a range of exciting communities including start-ups, technologists, investors, academics, energy companies and government officials – all dedicated to shared learning and exploration. Partnership in the Agora program creates a unique opportunity to engage with this audience; to influence and impact the energy future through thought leadership on technology and innovation and to deepen relationships with key stakeholders.

CERAWeek Partnership

CERAWeek Partners contribute to advancing the CERAWeek mission, helping to build a culture of idea exchange, learning, and relationship-building between industry, government and society to secure the global energy future.

Partners benefit from high-level engagement before, during and after the conference, maximizing the impact and experience of their executives’ participation. Partner organizations are supported by the CERAWeek Executive Steering Committee, and a team of dedicated CERAWeek Partner Liaison Managers. This unique platform creates an opportunity for Partners to deepen relationships with key stakeholders, developing and sharing ideas and thought leadership, while gaining enhanced visibility and profile.

CERAWeek Partners also benefit from access to exclusive CERAWeek private programs, networking and meeting spaces. The former are reserved exclusively for CERAWeek’s senior-most participants, providing an invitation-only track of designated professional communities. These interactive sessions draw on Partners’ expertise and thought leadership contributions. Agora Partners benefit from branding and acknowledgement as an Agora Partner in the dedicated space pre-event, onsite and post event

Past CERAWEEK Speakers (Partial List)

President George W. Bush	John Kasich	Isabelle Kocher
President Bill Clinton	Governor of Ohio	CEO, Engie
President Enrique Peña Nieto Mexico	Nick Akins	Robert Lawler
Prime Minister Justin Trudeau Canada	Chairman, President & CEO, American Electric Power	President, CEO & Director, Chesapeake Energy
President Ólafur Ragnar Grímsson Iceland	Nizar Al-Adsani	Jean-Bernard Lévy
President Paul Kagame Rwanda	Deputy-Chairman & CEO, Kuwait Petroleum Corp.	Chairman & CEO, EDF
Henry Kissinger US Secretary of State	Vagit Alekperov President, Lukoil	Fanrong Li
Ernest Moniz US Secretary of Energy	Greg Boyce Chairman & CEO, Peabody Energy Corp.	CEO & President, CNOOC
Henry Paulson US Secretary of the Treasury	Peter Coleman CEO, Woodside Petroleum	Zhenya Liu
Ben Bernanke Chairman, US Federal Reserve	Iain Conn CEO, Centrica	Chairman, State Grid Corporation of China
HE Berat Albayrak Minister of Energy & Natural Resources, Turkey	Theodore Craver Chairman & CEO, Edison International	Andrew Mackenzie
Tomás González Estrada Minister of Mines & Energy, Colombia	Leo Denault Chairman & CEO, Entergy	CEO, BHP
HE Khalid A. Al-Falih Minister of Energy, Industry & Mineral Resources, Kingdom of Saudi Arabia	Claudio Descalzi CEO, Eni	Mpho Makwana
HE Jabbar Ali Al-Luiebi Minister of Oil, Republic of Iraq	Thomas Fanning Chairman & CEO, Southern Company	Chairman, Eskom Holding
Salvador Namburete Minister of Energy, Mozambique	Thomas Farrell, II Chairman, President & CEO, Dominion	Thomas May
Hon. Jesse Norman MP Parliamentary Under Secretary of State, Minister for Energy & Industry, UK	Ignacio S. Galán Chairman & CEO, Iberdrola	Chairman, President & CEO, Eversource Energy
HE Alexander Novak Minister of Energy, Russian Federation	Greg Garland Chairman & CEO, Phillips 66	Alexander Medvedev
HE Shri Dharmendra Pradhan Minister of State, Independent Charge, Ministry of Petroleum & Natural Gas, India	Bill Gates Co-Chairman, Gates Foundation	Deputy Chairman of the Management Committee, Gazprom
Mohammed Hamed Saif Al-Rumhy Minister of Oil & Gas, Oman	Andrés Gluski President & CEO, AES	Steve Mueller
José Maria Botelho de Vasconcelos Minister of Petroleum, Angola	Gregory Goff Chairman, President & CEO, Andeavor	Chairman & CEO, Southwestern Energy
Scott Pruitt Administrator, US EPA	Miguel Gutiérrez Chairman, YPF	Mohamed Jameel Al Ramahi
Gen. Keith Alexander Director, US NSA Commander, US Cyber Command	David Hager President & CEO, Devon Energy	CEO, Masdar
Admiral Mike Mullen Chairman, US Joint Chiefs of Staff	Lewis Hay, III Chairman & CEO, NextEra Energy	Eldar Sætre
John Hickenlooper Governor of Colorado	Harold Hamm Chairman & CEO, Continental Resources	President & CEO, Equinor
	Gary Heminger Chairman & CEO, Marathon Petroleum	Igor Sechin
	Jeffrey Immelt Chairman & CEO, General Electric	Executive Chairman & CEO, Rosneft
	Richard Kinder Executive Chairman, Kinder Morgan	Fred Smith
	Bill Klesse Chairman & CEO, Valero Energy	Founder, Chairman, President & CEO, FedEx
		JB Straubel
		Co-Founder & CTO, Tesla
		Jim Teague
		CEO, Enterprise Products Partners
		Peter Terium
		CEO, innogy
		Jean-Pascal Tricoire
		Chairman & CEO, Schneider Electric
		Rex Tillerson
		Chairman & CEO, Exxon Mobil & US Secretary of State
		R.A. Walker
		Chairman, President & CEO, Anadarko
		Yilin Wang
		Chairman, CNPC
		John Watson
		Chairman & CEO, Chevron
		Darren Woods
		Chairman & CEO, Exxon Mobil