



**ZETA**  
An initiative of Dii Desert Energy



**Dii**



**MENA Hydrogen Alliance**  
An initiative of Dii Desert Energy

Under the Patronage of

**UNITED ARAB EMIRATES  
MINISTRY OF ENERGY & INFRASTRUCTURE**



الإمارات العربية المتحدة  
وزارة الطاقة والبنية التحتية

# 13th Dii Desert Energy Leadership Summit

*TIME FOR CLIMATE ACTION –  
From Announcements to Tangible Projects*

28 November 2023 | The W Dubai – The Palm



Under the Patronage of  
  
وزارة الطاقة والبنية التحتية  
MINISTRY OF ENERGY & INFRASTRUCTURE

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## AGENDA AT A GLANCE

### Monday, 27<sup>th</sup> November at the W Dubai – The Palm

- **14:00 – 16:00** | Shareholders' Meeting
- **16:00 – 16:30** | Networking Coffee
- **16:30 – 18:30** | Advisory Board Meeting
- **19:00 – 21:00** | Welcome Drinks reception hosted by  **BLACK & VEATCH**

Invitation Only

### Tuesday, 28<sup>th</sup> November at the W Dubai – The Palm

- **08:00 – 18:00** | **13<sup>th</sup> Dii Desert Energy Leadership Summit**
- **18:00 – 20:00** | Drinks Reception at the Secret Garden hosted by  **King & Spalding**
- **20:00 – 22:00** | Dinner Reception at Torno Subito

### Wednesday, 29<sup>th</sup> November at the W Dubai – The Palm

- **08:00 – 18:00** | **Dii Partner Meeting:** 'Bundling The Forces of Dii Partners for the Benefits of Emission Reduction, Energy Security, Affordability And Local Content'.

Invitation Only

*The 'Dii Partner Meeting' brings together Strategic, Lead and Associated Partners of Dii Desert Energy & MENA Hydrogen Alliance in a closed-door and focused gathering of leaders with the joint mission of advancing tangible projects and forging new partnerships.*

### LEADERS OF CLIMATE ACTION 29<sup>th</sup> November | W Dubai – The Palm Exclusive High-level VIP Reception & Dinner (RSVP)

- **18:00 – 20:00** | Exclusive Drinks Reception at the SoBe Terrace
- **20:00 – 22:00** | Exclusive Dinner Reception at Akira Back

Invitation Only

## DRAFT AGENDA – 13<sup>th</sup> Dii Desert Energy Leadership Summit 28 November 2023 – W Dubai – The Palm


### TIME FOR CLIMATE ACTION From Announcements to Tangible Projects

*\*All timings refer to the local time in Dubai  
\* Agenda subject to changes*

08:00-09:30	<b>Registration Opens &amp; Dii Leadership Summit Breakfast Reception</b>  <i>All participants are invited to attend this breakfast to get together and exchange before a full day of conference</i>
09:15-09:20	<b>Welcome Speech: Cornelius Matthes, CEO, Dii Desert Energy</b>
09:20-09:30	<b>Country Host Welcome Address: Towards 100% Renewables for Localization and Job Creation</b>
09:30-09:45	<b>Welcome Address: Powerhouse MENA, the Emerging 'Net-Zero Emission' Giant!</b>  <b>Paul van Son, President, Dii Desert Energy</b>
09:45-10:00	<b>Fireside Chat: UAE's Federal Ministry of Energy and Infrastructure Strategy to Achieve Net-Zero 2050: Energy Mix, Energy Transition and Hydrogen Strategy</b>  <b>His Excellency Eng. Sharif Al Olama, Undersecretary for Energy and Petroleum Affairs, Ministry of Energy and Infrastructure, United Arab Emirates</b>

10:00-10:45	<p><b>Invited Keynote Addresses: How to Make the Energy Transformation Happen for Sustainable Development and Local Benefits</b></p> <p>This high-level session will gather Ministers, public sector representatives and heads of international agencies to present their strategies and strides to drive the global and regional energy action on the Road to COP28.</p> <p>Impulse presentation and moderator: <b>Frank Wouters</b>, Chair, Advisory Board, <b>Dii Desert Energy</b> and <b>MENA Hydrogen Alliance</b>, Senior Vice President, <b>Reliance Industries</b></p>
10:45-11:30	<p><b>High-level Panel: Renewables and Green Energy Connecting Continents for Energy Security and Affordability</b></p> <ul style="list-style-type: none"> <li>• Industry players provide an update on current renewable energy projects development in the MENA region</li> <li>• MENA as green energy hub for energy security at lowest cost through electrons and molecules</li> <li>• Project localization and job creation</li> </ul> <p>Impulse Presentation and moderator: <b>Cornelius Matthes</b>, CEO, <b>Dii Desert Energy</b></p> <p>Speakers:  <b>Marco Arcelli</b>, CEO, <b>ACWA Power</b>  <b>Peter Terium</b>, CEO, <b>ENOWA</b>  <b>Miguel Ángel López Borrego</b>, CEO, <b>thyssenkrupp AG</b>  <b>Hussain Al Nowais</b>, Chairman, <b>AMEA Power</b>  <b>Dr. Guo Qiang</b>, Executive Vice President, <b>CEPRI/State Grid Corporation of China</b></p>
11:30-12:00	<p><b>Coffee Networking Break</b></p>
12:00-12:45	<p><b>Top Executives Panel Discussion: Tackling Obstacles for Project Bankability and Off-take Schemes</b></p> <ul style="list-style-type: none"> <li>• Bankable projects offtake schemes (case studies)</li> <li>• What needs to happen on the regulatory and infrastructure side?</li> <li>• Which off takes are ready to engage in long term contracts?</li> </ul> <p>Speakers:  <b>Frank Yu</b>, Global Vice President, Hydrogen Energy Business, <b>Envision Group</b>  <b>Ebubekir Koyuncu</b>, CEO, <b>Air Products Qudra</b>  <b>Dr. Hans-Dieter Hermes</b>, Vice President Hydrogen, <b>Worley</b>  <b>François Dao</b>, Vice-President, Middle East &amp; Africa, <b>EDF Renewables</b></p>
12:45-13:30	<p><b>Top Executives Panel Discussion: Carbon Credits and Climate Products: Towards a Green Premium</b></p> <ul style="list-style-type: none"> <li>• As harmful emission become more and more a liability, how can this turned into a business opportunity?</li> <li>• From certification schemes to new trading platform: the Zero Emission Energy Traders Alliance (ZETA)</li> <li>• Case study on new products and business models</li> </ul> <p>Moderator: <b>Vatche Kourkejian</b>, Senior Partner &amp; Head of Energy Middle East, <b>Roland Berger</b></p> <p>Speakers:  <b>Naveed Tariq</b>, CEO, <b>World Climate Central Limited</b>  <b>Naheed Memon</b>, CEO, <b>Oracle Power</b>  <b>Harry Boyd-Carpenter</b>, Managing Director, Climate Strategy and Delivery, <b>European Bank for Reconstruction and Development (EBRD)</b>  <b>Sherif El Gabaly</b>, Founder &amp; Chairman, <b>Enara Group</b></p>

13:30-13:35	<b>World Hydrogen MENA 2024: Special Announcement</b>
	<ul style="list-style-type: none"> <li>Revealing research findings, programme highlights and World Hydrogen Leaders-Dii Desert Energy partnership collaborations</li> <li>Personal invitation for Dii's network to World Hydrogen MENA, the flagship event of Dubai's 3<sup>rd</sup> Annual Hydrogen Week</li> <li>Announcing the World Hydrogen MENA competition winners!</li> </ul> <p><b>Nadim Chaudhry</b>, Founder &amp; Chief Executive Officer, <b>World Hydrogen Leaders</b></p>
13:35-14:30	<b>Networking Lunch in the Great Room Foyer</b>
14:30-14:45	<b>Fireside chat: ENOWA-NEOM – Case Study with Unique Insights</b>
	<b>Peter Terium</b> , CEO, <b>ENOWA</b>
14:45-15:30	<b>Panel Discussion: Time for Climate Action at COP28</b>
	<ul style="list-style-type: none"> <li>New initiatives, key actions and political decisions needed between COP27 and COP28: MENA in the lead</li> <li>Industrial demand, political decisions and green finance to speed up the transition and enabling a paradigm shift</li> <li>Infrastructure and storage of renewables in energy policy making beyond energy production and end use</li> <li>How to structure a successful green molecules program at a country level</li> <li>Green hydrogen potential to bring forth an inclusive climate action through industry decarbonization and the development of domestic industries in developing countries through the implementation of policies, standards, financial instruments, investment promotion and innovation programmes.</li> </ul> <p>Impulse Presentation: <b>Prof. Christopher Hebling</b>, Director – Hydrogen Technologies, <b>Fraunhofer ISE</b></p> <p>Moderator: <b>Dan Feldman</b>, Partner, <b>King &amp; Spalding</b></p> <p>Speakers:  <b>Prof. Dr. Ad van Wijk</b>, Professor of Future Energy System, <b>TU Delft</b>, Advisory Board Member, <b>Dii Desert Energy</b>  <b>Petra Schwager</b>, Chief, Climate and Technology Partnerships Division, <b>UNIDO</b>  <b>Ramy Lotfy</b>, Chief Commercial Officer, <b>CWP Global</b>  <b>Bruce Douglas</b>, Chief Executive Officer, <b>Global Renewables Alliance</b></p>
15:30-15:50	<b>ACWA Power's Technology Innovation for Impact</b>
	<ul style="list-style-type: none"> <li><b>Innovation Challenge powered by ACWA Power</b></li> </ul> <p><b>Thomas Altmann</b>, Executive Vice President Innovation &amp; New Technology, <b>ACWA Power</b></p>
15:50-16:30	<b>Panel Discussion: MENA as a Renewable Transport Hub for the Energy Transformation</b>
	<ul style="list-style-type: none"> <li>The race to clean up global shipping: opportunities and limitations between low emission ammonia and methanol</li> <li>Success factors for competitive production of e-fuels in different parts of the world</li> <li>Evolution of regulatory trends for e-fuels</li> <li>Which will be the main use cases beyond shipping?</li> </ul> <p>Speakers:  <b>Alicia Eastman</b>, President, <b>InterContinental Energy</b>  <b>Thorsten Herdan</b>, CEO, <b>HIF EMEA</b>  <b>Emile Hoogsteden</b>, CEO, <b>Sohar Port</b></p>
16:30-17:00	<b>Coffee Networking Break</b>

17:00-18:00	<p><b>Interactives ‘Dii Style’ Roundtables:</b> the interactive roundtables along the emission-free energy value chain</p> <p><i>2 roundtable of 30 minutes each, covering the entire emission free value chain</i></p> <ul style="list-style-type: none"> <li>• <b>Roundtable 1:</b> How can the LCoE for solar and wind be reduced further?</li> <li>• <b>Roundtable 2:</b> Grids &amp; Infrastructures for the Integrated Energy System Co-moderators:             <ul style="list-style-type: none"> <li>○ <b>Antonio Iliceto</b>, Chairman, <b>CIGRE Study Committee C1, Power System Development &amp; Economics</b></li> <li>○ <b>Dr. Ahmed Ebrahim</b>, CEO, <b>GCC Interconnection Authority</b></li> </ul> </li> <li>• <b>Roundtable 3:</b> Battery Technologies Applications</li> <li>• <b>Roundtable 4:</b> Regulation and Incentives: IRA vs EU</li> <li>• <b>Roundtable 5:</b> Hydrogen Storage and Transport Co-moderator: <b>Pascal Baylocq</b>, President &amp; CEO, <b>Geostock</b> <b>Paul Baan</b>, CEO, <b>Proton Ventures</b></li> <li>• <b>Roundtable 6:</b> Bankability and Off-takers Co-moderator: <b>Youssef Merjaneh</b>, Senior Vice President and Managing Director, <b>Black &amp; Veatch</b></li> <li>• <b>Roundtable 7:</b> Creating a Tradable Market for Zero Emission Energy Co-moderator: <b>Jan Haizmann</b>, Chief Executive Officer, <b>Zero Emission Energy Traders Alliance (ZETA)</b></li> <li>• <b>Roundtable 8:</b> The hottest near-term markets in MENA Co-moderator: <b>Dr. Malcolm Robert Cook</b>, Senior Vice President, Chemicals &amp; Process Technologies - Middle East &amp; Turkey, <b>thyssenkrupp AG</b></li> <li>• <b>Roundtable 9:</b> The Water and Energy Nexus Co-moderator: <b>Dr. Jauad El Kharraz</b>, Executive Director, <b>Regional Center for Renewable Energy and Energy Efficiency (RCREEE)</b></li> <li>• <b>Roundtable 10:</b> Clean Hydrogen in Mobility Co-moderator: <b>Thomas Korn</b>, CEO &amp; Co-Founder, <b>Water Stuff &amp; Sun</b></li> </ul>
18:00-20:00	<p><b>Exclusive Drinks Reception in the Secret Garden</b></p> <p><i>Hosted by</i></p> 
20:00	<p><b>Dinner Reception at Torno Subito (with Michelin Star)</b></p>



## Confirmed Speakers

- **His Excellency Eng. Sharif Al Olama**, Undersecretary for Energy and Petroleum Affairs, **Ministry of Energy and Infrastructure, United Arab Emirates**
- Marco Arcelli, CEO, **ACWA Power**
- Peter Terium, CEO, **ENOWA**
- Miguel Ángel López Borrego, CEO, **thyssenkrupp AG**
- Hussain Al Nowais, Chairman, **AMEA Power**
- Dr. Guo Qiang, Executive Vice President, **China Electric Power Research Institute (CEPRI)/State Grid Corporation of China (SGCC)**
- Ebubekir Koyuncu, CEO, **Air Products Qudra**
- Harry Boyd-Carpenter, Managing Director, Climate Strategy and Delivery, **European Bank for Reconstruction and Development (EBRD)**
- Jorgo Chatzimarkakis, CEO, **Hydrogen Europe**
- Sherif El Gabaly, Founder & Chairman, **Enara Group**
- Alicia Eastman, President, **InterContinental Energy**
- Thomas Altmann, Executive Vice President Innovation & New Technology, **ACWA Power**
- Frank Wouters, Chair, **MENA Hydrogen Alliance** and Senior Vice President, **Reliance Industry**
- Prof. Dr. Ad van Wijk, Professor of Future Energy System, **TU Delft**, Advisory Board Member, **Dii Desert Energy**
- Dr. Ahmed Ebrahim, CEO, **GCC Interconnection Authority**
- Dr. Malcolm Robert Cook, Senior Vice President, Chemicals & Process Technologies - Middle East & Turkey, **thyssenkrupp AG**
- Ramy Lotfy, Chief Commercial Officer, **CWP Global**
- Bruce Douglas, Chief Executive Officer, **Global Renewables Alliance**
- Petra Schwager, Chief, Climate and Technology Partnerships Division, **UNIDO**
- Youssef Merjaneh, Senior Vice President and Managing Director, **Black & Veatch**
- Thorsten Herdan, CEO, **HIF EMEA**
- Frank Yu, Global Vice President, Hydrogen Energy Business, **Envision Group**
- Dan Feldman, Partner, **King & Spalding**
- Baatarmunkh Boldbaatar, CEO, **Newcom Group**
- Prof. Christopher Hebling, Director – Hydrogen Technologies, **Fraunhofer ISE**
- Pascal Baylocq, President & CEO, **Geostock**
- Naheed Memon, CEO, **Oracle Power**
- Paul Baan, CEO, **Proton Ventures**
- Emile Hoogsteden, CEO, **Sohar Port**
- Dr. Jauad El Kharraz, Executive Director, **Regional Center for Renewable Energy and Energy Efficiency (RCREEE)**
- Vatche Kourkejian, Senior Partner & Head of Energy Middle East, **Roland Berger**
- Naveed Tariq, CEO, **World Climate Central Limited**
- Dr. Hans-Dieter Hermes, Vice President Hydrogen, **Worley**
- Thomas Korn, CEO & Co-Founder, **Water Stuff & Sun**
- Antonio Iliceto, Chairman, **CIGRE Study Committee C1, Power System Development & Economics**
- Nadim Chaudhry, Founder & Chief Executive Officer, **World Hydrogen Leaders**