



# UAE CLIMATE TECH

TRANSFORM. **DECARBONIZE.** FUTURE PROOF.

**MAY 10 & 11, 2023**

**ABU DHABI ENERGY CENTER**

**Guests must register in advance**

[moiat.gov.ae/uae-climate-tech](https://moiat.gov.ae/uae-climate-tech)



IN PARTNERSHIP WITH







TRANSFORM. **DECARBONIZE.** FUTURE PROOF.

The UAE Ministry of Industry and Advanced Technology and two of the UAE's energy and technology powerhouses, ADNOC and Masdar, are hosting a first-of-its kind decarbonization technology conference, **UAE CLIMATE TECH**, to be held on **May 10 & 11, 2023, at the Abu Dhabi Energy Center.**

**UAE CLIMATE TECH** will build upon the nation's longstanding commitment towards climate action, which includes multibillion-dollar investments in clean energy projects at home and abroad over the next decade, in support of its Net Zero by 2050 initiative. Masdar is aiming for 100GW of renewables generation capacity and one million tonnes of green hydrogen production by 2030, while ADNOC has earmarked \$15 billion for low-carbon solutions, new energies and decarbonization technologies in the same period.

Held ahead of COP28, **UAE CLIMATE TECH** will profile technology, innovation, and investment opportunities. The exhibition will showcase more than 100 companies pioneering disruptive technologies, including AI, robotics, carbon dioxide removal, and alternative fuels.

Join **more than 1,000 global policymakers, CEOs, experts, academics, technology leaders, pioneering disruptors and investors** to discover valuable new technologies, explore investment opportunities, and contribute to critical conversations about **ensuring we achieve our net zero goals.**





# DISCOVER TECHNOLOGY, INNOVATION, AND INVESTMENT OPPORTUNITIES

 MAY 10 & 11, 2023

## OVERVIEW

### DAY 1

Conference Opening & Panels

**9am - 12:45pm**

Exhibition & Side Events

**1pm - 5pm**

### DAY 2

Conference & Panels

**9am - 12:55pm**

Exhibition & Side Events

**1pm - 5pm**

 ABU DHABI ENERGY CENTER

## OPPORTUNITIES




Connect with technology pioneers, investors and leading figures from industry, finance and government to **drive real action that makes a real difference.**

**Grasp the business opportunity** to collaborate with UAE industry, which has pledged billions to achieving Net Zero by 2050.

Take an important step forward on **the road to COP28 UAE.**

 9AM-5PM (FULL DAY)

## CONNECTIONS

 Technology pioneers Energy & Industry Financial partners "UAE champion" companies Government entities Academic community International and industry-focused media Regional media (EN & AR)



# MAKE A CONNECTION

Join more than 1,000 global policymakers, CEOs, experts, academics, technology leaders, pioneering disruptors & investors

## 100+ TECH COMPANIES

Confirmed participation from global and breakthrough players

## 20+ SPEAKERS

Confirmed participation from ministers, CEOs and other senior leaders from government, academia, finance and business

## VIP GUESTS

More than 100 high level visitors and speakers from around the world

## 1,000 PARTICIPANTS

Discover more at  
[moiat.gov.ae/uae-climate-tech](https://moiat.gov.ae/uae-climate-tech)

## MEDIA PARTNERSHIPS

Media partnerships with MIT Technology Review and Gulf Intelligence

## HOSTS UAE CHAMPIONS

MoiAT, ADNOC and Masdar;  
AIQ, TAQA, ENEC and EGA

# STRATEGIC CONFERENCE SPEAKERS

Meet some of our keynote speakers and panelists...



**H. E. Dr. Sultan Ahmed Al Jaber**

Minister of Industry and Advanced Technology & UAE Special Envoy for Climate Group MD & CEO of ADNOC and Chairman of Masdar



**H.E. Tharman**  
Senior Minister of Singapore



**H.E. Abdulla Bin Touq Al Marri**  
UAE Minister of Economy



**H.E. Eng. Mohamed Al Hammadi**  
MD and CEO, Emirates Nuclear Energy Corporation



**Bernard Mensah**  
President of International, Bank of America



**Jennifer J. Sara**  
Global Director, Climate Change Group, World Bank Group



**Fu Chengyu**  
Former President of China Petrochemical Corporation



**Dr. Jennifer Holmgren**  
CEO, LanzaTech



**Lorenzo Simonelli**  
Chairman, President & CEO, Baker Hughes



**Talal Hasan**  
Founder and CEO, 44.01



**Abdullnasser Bin Kalban**  
CEO, Emirates Global Aluminium



**Bob Mumgaard**  
CEO, Commonwealth Fusion Systems



**Ahmad Al-Khowaiter**  
Executive Vice President and CTO, Aramco



**Aniruddha Sharma**  
Co-founder & CEO, Carbon Clean



**Steve Kelly**  
President & General Manager, 1PointFive



**Mohamed Jameel Al Ramahi**  
CEO, Masdar



**Alex Gruzen**  
CEO and Board Member, WiTricity



**Musabbeh Al Kaabi**  
Exec. Director, Low-Carbon Solutions & International Growth, ADNOC



**Dr. Pratima Rangarajan**  
CEO, OGCI Climate Investments



**H.E. Sarah Bint Yousif Al Amiri**

Minister of State for Public Education and Advanced Technology



**Peng Xiao**  
Group CEO, G42



**Sophie Hildebrand**  
CTO, ADNOC



**Bill Vass**  
VP Engineering, Amazon Web Services



**Omar Al Marzooqi**  
CEO, AIQ



**Nicolas Terraz**  
President, Exploration & Production, TotalEnergies



**Marco Alverà**  
Group CEO, Tree Energy Solutions (TES)



**Dr. Ebtesam Almazrouei**  
Director & Co-Founder, Artificial Intelligence Cross-Center Unit, TII



**Eric Xing**  
President and Professor, Mohamed bin Zayed University of Artificial Intelligence



**Francesca Zarri**  
Director Technology, IR&D & Digital, Eni



**Mahesh Natarajan**  
VP Low Carbon Pathway Innovations, bp



**William Pazos**  
CEO, AirCarbon Exchange



**Sabri Ali Albreiki**  
Chief Technology Officer, e& International



**Zoë Knight**  
MD and Group Head, Centre of Sustainable Finance, HSBC



**Martin Wainstein**  
Executive Director, OpenEarth



**Mariam Al-Qubaisi**  
Head of Sustainability, Etihad Aviation Group

**DAY 1**  
**May 10**  
**9:00 to 17:00**

# AGENDA DAY 1

## DAY 1 - MORNING SESSIONS (Murban Auditorium)

**10:00**

Opening Segment: Imagining tomorrow

Welcome from MC

**John Defterios**, former CNN Emerging Markets Editor-Anchor and Professor of Business, NYU Abu Dhabi

**10:05**

**Keynote speech**

**H.E. Dr. Sultan Al Jaber**

A message from  
**Natarajan Chandrasekaran**, Chairman, Tata Sons

**10:25**

**Panel:**

**Cross-Sector Partnership:**

Looking ahead: where must we focus our technological efforts to accelerate a sustainable energy transition?

Moderator: **Manus Cranny**, Anchor, Bloomberg

**Lorenzo Simonelli**, Chairman, President & CEO, Baker Hughes  
**Abdulnasser Bin Kalban**, CEO, Emirates Global Aluminium  
**Dr. Jennifer Holmgren**, CEO, LanzaTech  
**Musabbeh Al Kaabi**, Exec. Director, Low Carbon Solutions & International Growth, ADNOC  
**Bernard Mensah**, President of International, Bank of America  
**Nicolas Terraz**, President, Exploration & Production, TotalEnergies



**DAY 1**  
**May 10**  
**9:00 to 17:00**

# AGENDA DAY 1

## DAY 1 - MORNING SESSIONS (Murban Auditorium)

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A message from  
**Arvind Krishna**, Chairman & CEO, IBM

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**11:10**

**Panel:**  
**Fueling the Future: How will Technology  
Unlock the Energy Trilemma?**  
Innovation to help sustainably deliver  
global energy security and climate action

Moderator: **John Defterios**

**H.E. Eng. Mohamed Al Hammadi**, Managing Director and CEO, ENEC  
**Ahmad Al-Khowaiter**, Executive Vice President & CTO, Aramco  
**Peng Xiao**, Group CEO, G42  
**Dr. Pratima Rangarajan**, CEO, OGCI Climate Investments (CI)  
**Francesca Zarri**, Director Technology, R&D & Digital, Eni  
**Fu Chengyu**, Former Chairman of China Petrochemical Corporation

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A message from  
**Noel Quinn**, Group CEO, HSBC

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**12:00**

**Panel:**  
**The Commercial Case for  
Decarbonization**  
Can advances in technology turn CO<sub>2</sub> into  
a business opportunity?

Moderator: **John Defterios**

**Sophie Hildebrand**, CTO, ADNOC  
**William Pazos**, CEO, AirCarbon Exchange (ACX)  
**Aniruddha Sharma**, Co-Founder & CEO, Carbon Clean  
**Zoe Knight**, MD & Group Head, Centre of Sustainable Finance, HSBC  
**Steve Kelly**, President, 1PointFive  
**Talal Hassan**, CEO, 44.01

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**12:45**

**CLOSE AND LUNCH**

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**13:00 – 17:00**

**AFTERNOON SESSIONS  
(Foyer and Al Gurm)**

Innovation in Action presentations, round tables, side events,  
and University student engagement in Exhibition Zone

**DAY 2**  
**May 11**  
**9:00 to 17:00**

# AGENDA DAY 2

## DAY 2 - MORNING SESSIONS (Murban Auditorium)

<b>10:00</b>	Welcome from MC	<b>Eithne Treanor</b>
<b>10:05</b>	<p><b>"Fireside chat": Technologies and Policies to Decarbonize Global Industry</b> A UAE perspective.</p> <p>Moderator: <b>Dan Murphy</b>, Anchor and Correspondent, CNBC</p>	<p><b>H.E. Sarah Al Amiri</b>, UAE Minister of State for Public Education and Advanced Technology</p>
<b>10:35</b>	<p><b>Panel:</b> <b>The Road to Net Zero</b> How economic policy can catalyze low carbon innovation - a policymaking and finance perspective.</p> <p>Moderator: <b>Eithne Treanor</b></p>	<p><b>H.E. Tharman</b>, Senior Minister, Singapore <b>H.E. Abdulla Bin Touq Al Marri</b>, UAE Minister of Economy <b>Jennifer J. Sara</b>, Global Director, Climate Change Group, World Bank Group</p>
	<p>A message from <b>Dr. Ernest Moniz</b>, CEO, Energy Futures Initiative (EFI)</p>	



**DAY 2**  
**May 11**  
**9:00 to 17:00**

# AGENDA DAY 2

## DAY 2 - MORNING SESSIONS (Murban Auditorium)

<b>11:20</b>	<p><b>Panel:</b> <b>The Age of AI</b> How will advances in Artificial Intelligence, supercomputing, and data analytics reshape the global energy and industry landscape?</p> <p>Moderator: <b>Eithne Treanor</b></p>	<p><b>Omar Al Marzooqi</b>, CEO, AIQ <b>Bill Vass</b>, VP Tech &amp; Engineering, Amazon Web Services <b>Sabri Ali Albreiki</b>, Chief Technology Officer, e&amp; International <b>Dr. Ebtesam Almazrouei</b>, Director &amp; Co-Founder of AI Cross-Center Unit, Technology Innovation Institute (TII) <b>Martin Wainstein</b>, Executive Director, OpenEarth <b>Eric Xing</b>, President and University Professor, Mohamed bin Zayed University of AI</p>
<b>12:00</b>	<b>The opportunity:</b> an announcement	
<b>12:10</b>	<p><b>Panel:</b> <b>Beyond Ambition</b> How do we responsibly deploy Low Carbon Energy?</p> <p>Moderator: <b>Olivia Azadegan</b>, Energy Transition Director, MENA, Clean Air Task Force</p>	<p><b>Mohamed Jameel Al Ramahi</b>, CEO, Masdar <b>Mahesh Natarajan</b>, SVP Low Carbon Pathway Innovation, bp <b>Mariam Al-Qubaisi</b>, Head of Sustainability, Etihad Aviation Group <b>Alex Gruzen</b>, CEO, WiTricity <b>Bob Mumgaard</b>, CEO, Commonwealth Fusion Systems <b>Marco Alverà</b>, Group CEO, Tree Energy Solutions (TES)</p>
<b>12:55</b>	<b>CLOSE AND LUNCH</b>	
<b>13:00 – 17:00</b>	<b>AFTERNOON SESSIONS (Foyer and Al Gurm)</b>	<b>Innovation in Action presentations, round tables, side events, and University student engagement in Exhibition Zone</b>

# INNOVATION IN ACTION

Our Day 1 technical conference panelists and presenters



**Mark Anderson**  
TechX Director



**Peter Abou Hachem**  
Head of Strategy &  
Product, Hub71



**Suleiman Amin**  
Acting Managing Director,  
The Catalyst



**Dr. Chris Steer**  
Managing Director,  
Geoptic



**Dr. Roy Bitrus**  
Director of Sales,  
Tensor Geo



**Riley Reese**  
CEO, ARRIS



**Sharelynn Moore**  
EVP, Chief Business  
Development &  
Marketing Officer,  
Bloom Energy



**Vicki Knott**  
CEO and Co-Founder,  
CruxOCM



**Roger Shirt**  
CTO & Co-founder,  
CruxOCM



**Anand Goplan**  
Head, Corporate  
Development, Booster



**Arne Ballantine**  
CEO, Ohmium



**Chris Reid**  
CEO, Ekona Power



**Chase Lochmiller**  
Co-Founder & CEO,  
Crusoe Energy



**Kim Abrams**  
CEO & Co-Founder,  
Petra



**Justin Cleveland**  
Managing Director,  
MENA, Gecko  
Robotics



**Dr. Rachid Ali Mabrouk**  
Principal, Hydrogen  
Studies, ADNOC



**Fahed Salem Al Ameri**  
SVP Technology, ADNOC  
Drilling



**Daniel Zywietz**  
Founder & CEO,  
Enerwhere



**Nasser Abu Daqqa**  
CEO, Power ID



**Dr. Haythem Riahi**  
CEO & Co-Founder,  
Circa Biotech



**Dennis Alexandersen**  
Operations Manager,  
Bauer Group



# INNOVATION IN ACTION

Our Day 2 technical conference panelists and presenters



**Ehab Tasfai**  
CTO, 44.01



**Amir Shiner**  
CEO, RepAir  
Carbon Capture



**Tom Green**  
Co-Founder & CEO,  
Vesta



**Toni Dib**  
Director - Emerging  
Markets, National  
Oilwell Varco



**Lev Ring**  
President,  
Sage Geosystems



**Antonio DiCecca**  
Chief Operating  
Officer, Tabreed



**Richard Jenkins**  
CEO, Saildrone



**Dr. Thierry Lestable**  
Executive Director, Artificial  
Intelligence & Digital Science  
Research Center (AIDRC) at  
Technology Innovation Institute (TII)



**Zach Faizal**  
CEO & Founder,  
PEEC Mobility



**Arcady Sosinov**  
Founder & CEO,  
Freewire Technologies



**Gerhard Thonhauser**  
CEO and Co-Founder,  
TDE Group



**Steven Camilleri**  
Co-Founder & CTO,  
SPEE3D



**David Inggs**  
Head of Ground  
Robotics, Drone  
Deploy



**Massimiliano  
Carlomagno**  
Manager, Packaging  
CoE, Borouge



**Eldar Khamidulin**  
Global Director,  
Sustainable Solutions  
for Oil & Gas,  
LanzaTech



**Nick Flanders**  
CEO, Twelve



**Thomas Soulas**  
Director of Technology  
Development, Siemens  
Energy Innovation  
Center Abu Dhabi



**James Lang**  
VP UAE Operations,  
Quorum Software



**Luca Pilenga**  
Hydrogen Market  
Development, Value  
Chain Program  
Leader, Climate  
Technology Solutions



**James Baker**  
CEO, Graphene  
Innovation Engineering  
Centre (GEIC)



**Dr. Steve Griffiths**  
SVP R&D Chemical  
Engineering, Khalifa  
University



**John Hartley**  
CEO, Levidian

# MORE THAN 100 COMPANIES

Disruptive technologies: AI, robotics, carbon removal and more

## Embracing the Opportunity

Hosting partners



## Gold Sponsor



## Sustainable Production

Enhancing safety, efficiency & environmental protection



## Global Disruptors

Expanding the boundaries of technology



## Digitalization & AI

Data-driven innovation for smarter industry



## UAE Innovation Ecosystem

Inspiring innovation and investment across the UAE



## Fueling the Transition

Powering the energy systems of today and tomorrow



## Decarbonization

Reducing and removing emissions







TRANSFORM. **DECARBONIZE.** FUTURE PROOF.

Join us and take real, meaningful action

Find out more at  
[moiat.gov.ae/uae-climate-tech](https://moiat.gov.ae/uae-climate-tech)

**#UAEClimateTech**

