



COP29
Baku
Azerbaijan

Masdar and Zayed Sustainability Prize at COP29

November 14 – 21, 2024





Masdar and Zayed Sustainability Prize at COP29

Throughout COP29, Masdar and Zayed Sustainability Prize are partnering with the UAE Pavilion to host a dynamic series of events, including sessions by Masdar's global Strategic Initiatives, ADSW, WiSER and Y4S.

Explore our program here and dive deeper into the sustainable future we are building together.

14 November - COP THEME: Finance, Trade & Investment



PANEL **GREEN BONDS: FINANCING THE FUTURE OF RENEWABLE ENERGY**



HOSTED BY
Masdar



TIME
13:00 – 13:45



LOCATION
UAE Pavilion, COP29 Blue Zone

Overview:

This dynamic panel will bring together leading issuers and investors to explore the critical role of green bonds in financing large-scale renewable energy projects. Green bonds are emerging as a powerful tool in overcoming the financial challenges of the global energy transition. This session will examine the innovative financial mechanisms and frameworks essential for supporting renewable energy initiatives that drive environmental sustainability and resilience. Speakers will also discuss the opportunities, challenges, and future potential of green bonds in mobilizing resources for the clean energy revolution, both regionally and globally.

Moderator

Elena Amirkhanova
Sustainability Partner,
PwC

Speakers:

Bruce Johnson
Director, Corporate Finance
& Treasury, Masdar

Hanan Al Hadhrami
Vice President, Commercial &
Capital Structure from Portfolio
Management, Investment &
Strategy, Generation at TAQA

Gido van Graas
Managing Director &
Global Head of Energy &
Natural Resources, First
Abu Dhabi Bank

Jang Ping Thia
Lead Economist
& Manager of the
Economics Department,
AIIB

14 November - COP THEME: Finance, Trade & Investment



ROUNDTABLE

BUILDING SOCIAL TRUST TO ACCELERATE THE DEVELOPMENT OF THE CLEAN HYDROGEN ECONOMY



HOSTED BY

Masdar, ADSW,
IFC and EY



TIME

13:30 – 14:30



LOCATION

UAE Offices, Blue Zone

Overview:

In the pursuit of advancing the green hydrogen economy, Abu Dhabi Sustainability Week in partnership with IFC and EY have hosted two high-level roundtable discussions that brought together a diverse group of stakeholders, including industry leaders, policymakers, investors, and civil society representatives, to explore the critical role of social trust in fostering a sustainable and just transition to green hydrogen. Building on these initial discussions' success, a third roundtable will take place at COP29. This upcoming session aims to elevate the dialogue beyond idea-sharing and transform collective insights into tangible, actionable outcomes, industry-wide pledges or practical frameworks that can provide clear guidance and benchmarks for stakeholders across the value chain.

Key Topics:

- Establishing trust among governments, investors, private sector, and policymakers
- Ensuring mutual benefits for developers and local communities
- Developing standardized methodologies for impact evaluation (financial, social, and environmental)
- Addressing technical, economic, social, and environmental aspects of the transition

NOTE: INVITATION ONLY

14 November - COP THEME: Finance, Trade & Investment



MAJLIS MAKING INNOVATIVE CLIMATE FINANCE SOLUTIONS WORK FOR ALL



HOSTED BY
Women in Sustainability,
Environment and Renewable
Energy (WiSER)



TIME
14:45 – 15:30



LOCATION
UAE Pavilion, COP29 Blue Zone

Overview:

Climate finance is crucial for advancing global sustainability and equitable climate action. However, many communities are still underserved by current financial mechanisms. This session will explore how innovative climate finance solutions can unlock opportunities for everyone by providing the resources needed to tackle climate change, build resilience, and foster sustainable development.

We will discuss strategies to democratize access to climate finance, promote inclusive financial models, provide access to capacity building and education, and drive investment towards projects that create equitable social and environmental impacts. By focusing on making climate finance more accessible and inclusive, this session aims to inspire both governments and the private sector to rethink traditional financial approaches and adopt innovative solutions that leave no one behind.

Facilitator:

Amy Brachio
EY Global Vice Chair, Sustainability

Participants:

Reem Al Mussabeh
Serial Tech Entrepreneur,
Youth Advocate, WiSER
Pioneer

Dana Shukirbayeva
Founder & CEO, FOREST HERO,
WiSER Pioneer

Shalom Iboh
Founder, Renew Watts
Technologies

Hanan Al Hadhrami
Vice President, Commercial and Capital
Structure from Portfolio Management,
Investment and Strategy, Generation at
TAQA

Soumya Brata Guha
Plan International Global
Programs Director

Aytaj Mukhtarzade
Strategy & Comms, Pasha
Holding

15 November - COP THEME: Energy, Peace, Relief & Recovery



MAJLIS

SHIFTING GEARS: ACCELERATING CLEAN HYDROGEN DEPLOYMENT BY 2030 TO REACH THE MID-CENTURY CLIMATE TARGETS



HOSTED BY

Ministry of Energy and Infrastructure UAE, Masdar, and the Hydrogen Council



TIME

14:15 – 15:15



LOCATION

UAE Pavilion, COP29 Blue Zone

Overview:

Building on the momentum of the UAE COP28 Presidential Action Agenda, this event unveils the COP29 Declaration and Industry Call to Action. Representatives from government and global industry will outline key public and private sector actions needed to accelerate clean hydrogen adoption by 2030. Join us to explore the pathway to hydrogen's critical role in achieving Paris Agreement mid-century climate goals.

Event Agenda:

Welcome Keynote

H.E Sharif Salim Al-Olama, Undersecretary for Energy and Petroleum Affairs, UAE Ministry of Energy and Infrastructure

Implementation of the COP28 Hydrogen Action Agenda

Update on global standards and mutual recognition of certification schemes – IPHE & H2 TCP

State of the Global Hydrogen Industry & COP29 Hydrogen Call to Action

Opening presentation by Ivana Jemelkova, CEO, Hydrogen Council. Statements by CtA co-signatory organizations including Jorgo Chatzimarkakis, CEO, Hydrogen Europe

Majlis Session

Unlocking demand for clean hydrogen and pathway to FID by 2030 Moderated by the Hydrogen Council

Concluding Remarks

Mohammad Abdelqader El-Ramahi, Masdar Chief Green Hydrogen Officer

NOTE: INVITATION ONLY

15 November - COP THEME: Energy, Peace, Relief & Recovery



PANEL **PARTNERING FOR PROGRESS: ACCELERATING THE CIS ENERGY TRANSITION**



HOSTED BY
Masdar



TIME
15:45 – 16:30



LOCATION
UAE Pavilion, COP29 Blue Zone

Overview:

This discussion will explore how the UAE is actively supporting the energy transition in the CIS region. The session will highlight collaborative efforts, focusing on pioneering projects and shared lessons from the UAE's own transition journey.

Key Topics:

- Masdar's Impact in the CIS:
- Decarbonization Parallels:
- Economic Diversification:
- Lessons from the UAE:

Moderator

Dr Hasan Shafi

Partner,
EY - Parthenon MENA

Speakers:

Eng Nawal Alhanaee

Director of Future Energy
department at Ministry of
Energy & Infrastructure

**Maryam Rashed
Al Mazrouei**

Head Investment CIS
Masdar

Noel Aoun

TAQA Chief
Strategy Officer

Dr. Nick Wayth

Chief Executive
Energy Institute

Ahmed Badr

Director of Project
Facilitation and Support
IRENA

16 November - COP THEME: Science, Technology, Innovation / Digitization



TALK FLYING SUSTAINABLE: THE FUTURE OF CLIMATE-FRIENDLY AVIATION



HOSTED BY
Zayed
Sustainability Prize



TIME
11:00 – 11:30



LOCATION
UAE Pavilion, COP29 Blue Zone

Overview:

This engaging TEDx-style talk features renowned Swiss explorer and Zayed Sustainability Prize Judge Bertrand Piccard, famous for his historic solar-powered flight around the Earth. In this session, Piccard shares his ambitious vision for sustainable aviation, including his groundbreaking mission to fly a hydrogen-powered plane around the globe. Through his pioneering journeys, Piccard demonstrates the potential of clean aviation to reduce emissions and advocates for global adoption of innovative solutions. His insights inspire audiences to see how technology and human ingenuity can meet the goals of the Paris Agreement and UAE Consensus in addressing climate change.

Key Topics:

- Vision for Sustainable Aviation
- Hydrogen-Powered Flight Innovation
- Reducing Emissions through Clean Aviation
- Global Adoption of Climate Solutions

Speakers

Bertrand Piccard

Chairman,
Solar Impulse Foundation

16 November - COP THEME: Science, Technology, Innovation / Digitization



PANEL

TECH AND SOCIAL INNOVATION FOR ACHIEVING GLOBAL CLIMATE AND SUSTAINABLE DEVELOPMENT TARGETS



HOSTED BY

Zayed
Sustainability Prize



TIME

14:30 – 15:15



LOCATION

UAE Pavilion, COP29 Blue Zone

Overview:

This moderated panel discussion will spotlight Zayed Sustainability Prize winners whose transformative tech innovations and social impact initiatives are accelerating progress toward climate and sustainable development targets, particularly in regions where change is most needed. As global climate, development, and ecological challenges intensify, the session will explore the vital role of advanced technologies and community-focused approaches, showcasing how Prize winners are driving meaningful, sustainable solutions, especially across vulnerable regions of the Global South.

Key Topics:

- Integrating Technology and Community-Driven Solutions
- Showcasing Sustainable Models
- Empowering Vulnerable Communities
- Inspiring Global Collaboration

Moderator

CEEW

Speakers:

Fabian Shanika
Managing Director, Kelp Blue

Sebastian Groh
CEO, SOLshare

Ahmed Sourani
Founder, Gaza Urban &
Peri-urban Agricultural
Platform (GUPAP) (Pending)

16 November - COP THEME: Science, Technology, Innovation / Digitization



PANEL **HARNESSING AI TO ACCELERATE THE ENERGY TRANSITION**



HOSTED BY
ADSW



TIME
18:15 – 19:00



LOCATION
UAE Pavilion, COP29 Blue Zone

Overview:

The panel will explore how artificial intelligence is revolutionizing the renewable energy landscape and supporting global sustainability goals:

- How AI can revolutionize the renewable energy landscape
- Leveraging AI to meet the COP28 goal of tripling renewable energy deployment by 2030
- Ensuring sustainable energy solutions to meet the growing demands of AI
- Other key challenges and opportunities in AI adoption
- The UAE's strategic partnerships and collaborations to drive sustainability goals

Moderator

Oisin Commene

Head, Thought Leadership and
Programing – ADSW,
Masdar

Speakers:

Abdulaziz Alobaidli

Chief Operating Officer,
Masdar

Prashanth Marpu

VP of R&D and
Technology, G42

Dr. Hosni Ghedira

Professor of Practice of
Computer Vision, Mohamed
bin Zayed University of
Artificial Intelligence

Prof. Phil Hart

Chief Researcher – Renewable
and Sustainable Energy
Research Center, Technology
Innovation Institute

16 November - COP THEME: Science, Technology, Innovation / Digitization



MAJLIS UNITING FOR NET ZERO: BEST PRACTICES AND INNOVATIONS FOR SME DECARBONIZATION



HOSTED BY

Masdar and First Abu Dhabi Bank



TIME

19:30 – 20:30



LOCATION

UAE Pavilion, COP29 Blue Zone

Overview:

Small and Medium Enterprises (SMEs) are the backbone of the global economy, contributing to over 50-70% of GDP in many countries. Yet, they face unique challenges in the transition to net zero. As key drivers of economic growth and innovation, SMEs play a critical role in addressing climate change. Building on the COP28 SME Climate Hub initiative, this Majlis will explore how SMEs, particularly those from Azerbaijan, UAE, Brazil, and other nations, can lead the way in decarbonization and sustainable practices, while leveraging innovative solutions.

Majlis Speakers:

Moderator

Oisin Commane

Head, Thought Leadership and Programing – ADSW, Masdar

Johan Falk

CEO, Exponential Roadmap Initiative

Majlis Participants

Shargiil Bashir

EVP & Chief Sustainability Officer, First Abu Dhabi Bank (FAB)

Muhammad Danbappa,

Co-Founder & CCO, Ehfaz Recycling

Aliyu Mohammed

Co-Founder & CEO, Ehfaz Recycling

Kevin Chalhoub

Founder and CEO, EV LAB

Raya Makawi

Regional Leader - Sustainability Middle East & Africa, 3M

NOTE: INVITATION ONLY

18 November - COP THEME: Science, Technology, Innovation / Digitization



**MAJLIS
EMPOWERING YOUTH FOR CLIMATE ACTION: AMBITIONS, CAREERS,
AND GLOBAL IMPACT**



HOSTED BY
Youth 4 Sustainability (Y4S)



TIME
12:00 – 12:45



LOCATION
UAE Pavilion, COP29 Blue Zone

Overview:

This majlis will focus on how young people can lead the transition to a net-zero future. As passionate leaders, scientists, entrepreneurs, and advocates, young people are eager to tackle climate change and drive innovation. Global surveys show that they are ready to build skills and seize emerging market opportunities. The panel will highlight youth-led initiatives, lessons from COP28, and best practices for advancing climate action, while addressing disparities between the Global North and South. Strategies for equitable access to opportunities will be explored, emphasizing youth’s role in creating impactful climate solutions.

Opening keynote speech

H.E. Dr. Farid Gayibov, Minister of Youth and Sport Republic of Azerbaijan

Facilitator

Hamid AlBastaki,
Future Sustainability Leader,
Y4S

Participants

Shaikha Altenaiji
Lead Outreach, Y4S

Kylie Lai
Senior Programme Officer,
Carbon Care InnoLab
Limited

Zainab Bie
Climate Action
Advocate

Ragy Saro
Program Manager, Youth
Climate Champion Team, YCC28

Pedro Sereno
Future Sustainability
Leader, Y4S

Reem AlMansoori
Future Sustainability
Leader, Y4S

Fidan Guliyeva
Future Sustainability
Leader, Y4S

NOTE: INVITATION ONLY

18 November - COP THEME: Science, Technology, Innovation / Digitization



MAJLIS FORTUNE FAVORS THE YOUNG



HOSTED BY

Zayed Sustainability Prize and
Youth 4 Sustainability (Y4S)



TIME

15:00 – 15:45



LOCATION

UAE Pavilion, COP29 Blue Zone

Overview:

As the world grapples with urgent challenges—climate change, food and water security, and access to quality healthcare—alongside the transformative potential of AI and technology, youth leadership is more crucial than ever for sustainable development. In the spirit of COP29's commitment to "Accelerating Action for a Sustainable Future", this Youth Changemakers Majlis will empower young innovators to showcase their insights on issues affecting key sectors, such as health, climate action, education and energy. Through engaging dialogue, this event aims to inspire policymakers and stakeholders to champion youth-led initiatives that align with COP29's call for bold and immediate action.

Moderator

Shaikha Altenaiji

Lead Outreach,
Y4S

Speakers:

Hamid AlBastaki

Future Sustainability
Leader, Y4S

Pedro Sereno

Future Sustainability
Leader, Y4S

Reem AlMansoori

Future Sustainability
Leader, Y4S

Fidan Guliyeva

Future Sustainability
Leader, Y4S

Toby Thorpe

Youth Ambassador,
ZSP

NOTE: INVITATION ONLY

21 November - COP THEME: Science, Technology, Innovation / Digitization



FIRESIDE CHAT

FUELING THE FUTURE WOMEN LED INNOVATION IN CLEAN ENERGY TO ADDRESS ENERGY POVERTY AND ENERGY SECURITY



HOSTED BY

Women in Sustainability,
Environment and Renewable
Energy (WiSER)



TIME

12:15 – 12:45



LOCATION

UAE Pavilion, COP29 Blue Zone

Overview:

This session will spotlight the transformative role of women as key drivers of clean energy innovation, tackling two of the world's most critical challenges: energy poverty and energy security.

As women increasingly take leadership roles in sustainable energy, particularly in regions with limited access to reliable power, their diverse perspectives and innovative approaches are unlocking scalable solutions. By fostering inclusive leadership and embracing community-centered strategies, women are spearheading efforts to ensure equitable, sustainable access for all.

Through an engaging discussion, this session will delve into pioneering women-led initiatives that are not only reshaping the energy sector but also accelerating the global energy transition. Participants will discover how these initiatives are building resilient, energy-secure communities and paving the way for a more inclusive and sustainable future.

Moderator

Sandra Leyva

Director, Supply Chain Sustainability,
KION Group, WiSER Pioneer

Speakers:

Ana Luci Grizzi

LATAM Sustainability & Climate
Change Deputy Leader

Shalom Chilaru Iboh

Founder Renew Watts Technologies

NOTE: INVITATION ONLY