

MUBADALA MAJLIS AT COP28

Mubadala Stand
Energy Transition Hub
Green zone



COP²⁸
UAE



PROGRAM OF EVENTS AT THE MUBADALA MAJLIS DURING COP28

CONTENTS



COP²⁸
UAE

3 DECEMBER, SUNDAY

Health and Peace

10:30 - 11:15

Brought to you by Mubadala Youth Council:

Mangrove Marvels and Climate Consciousness: Youth Leaders on Community Climate Engagement.

SPEAKERS

- **Beniamin Strzelecki**, Youth Advisor on Climate Change, UN Secretary-General
- **Latefa Hamdan Almansoori**, Chairperson, EAD Youth Council
- **Majed Bin Saad**, President, Green Youth Majlis
- **Rashed Alromaithi**, President, Youth Climate Tribe
- **Moderator: Deepti Reghunath**, Senior Assistant Manager, Financial Governance & Reporting, Mubadala

Youth leaders can play a crucial role in addressing climate change, biodiversity loss and other global challenges. How are they leading the charge on climate solutions in the UAE? Join leaders from Climate Tribe as they explore the role of youth leadership through the lens of mangrove conservation and restoration and other engagement initiatives.

11:30 - 12:15

Brought to you by Mubadala Youth Council:

Heat Waves and Health: Navigating Real-Life Scenarios and Global Impacts panel.

SPEAKERS

- **Dr Budour AlKaf**, Emirati Scientist and Youth Council Officer, M42
- **Maha Altamimi**, M42

Explore practical strategies for managing extreme heat. Our experts will guide you through recognizing symptoms and taking preventive measures, and then dive into a broader discussion on the health impacts of climate change. Join us for a down-to-earth discussion on staying cool and healthy in a changing climate. The session will include a presentation on step by step guidance, how to address heat impacts in real life situations and how we think about the broader impacts in different parts of the world.

3 DECEMBER, SUNDAY

Health and Peace

12:30 - 13:15

Panel:

Heat, Health and Hard Truths: The Consequences of Living in a Warming World

SPEAKERS

- **Salman Abdulla**, EVP ESG and Sustainability, EGA
- **Antonio Di Cecca**, COO, Tabreed
- **Kathy Baughman McLeod**, CEO, Climate Resilience for All
- **Liz Henderson**, Aon, Global Head of Climate Risk & Analytics
- **Moderated by Carmen Ferrigno**, Senior Fellow, Kite Insights

As the planet warms, the need to address rising temperatures driven by climate change is growing. Extreme heat poses great risk to the most vulnerable citizens and populations and organizations and the health care profession are working to trial and implement solutions. Many cities and areas will have to adapt to extreme heat and helping inhabitants do that is also a task many companies are taking on. Here in the UAE, how can we reduce the carbon impact of living comfortably in summer? And how can we support our workforce and population to stay safe in extreme heat?

14:00 - 14:45

Brought to you by Mubadala Youth Council:

Energizing Tomorrow: Empowering Youth for Impactful Change in Energy

SPEAKERS

- **Saeed bin Thaleth**, Quality Assurance Officer, ADDC; TAQA Youth Council Member
- **Tawadud Al Katheeri**, NOC Engineer, TRANSCO; TAQA Youth Council Member
- **Maryam Al Nuaimi**, Power Protection Engineer, TRANSCO; Data Administrator for TAQA Youth Council

How do we engage youth for impactful engagement on issues that matter?
What does it take to make the energy transition real to the next generation?

Join a diverse panel of young climate advocates as they discuss the future of clean energy, how engaged youth can play a vital role in the revolution of clean energy and the transformative role youth will play in steering the global energy transition. Explore innovative ideas, discover actionable insights, and witness the power of collective impact as we empower the next generation to drive meaningful change in the energy landscape. Don't miss this dynamic conversation that envisions a sustainable and empowered energy future led by the energy leaders of tomorrow.

3 DECEMBER, SUNDAY

Health and Peace

15:00 - 15:45

Panel:

Collapsing Time and Space: Technology and Climate Smart Disaster Response

SPEAKERS

- **Khalid Al Kaf**, Chief Operations Officer, Yahsat
- **Dr. Samiya Selim**, Director and Professor, Center for Sustainable Development, University of Liberal Arts Bangladesh
- **David Nicholson**, Chief Climate Officer, Mercy Corps
- **Moderated by Rasha Lutfi**, Director Ethics and Compliance, Mubadala

Climate-smart disaster risk reduction saves lives by limiting the amount of risk people face and the level of damage a crisis causes. It can help communities effectively prepare for and cope with natural hazards. Philanthropic agencies such as the Mercy Corps are mobilizing a significant scale up in this approach to planning in the 40 countries in which it operates. Using satellite data for disaster preparedness/response and disaster relief reduces risk, and when disaster strikes it collapses time and space, providing internet services so that experts can access remote medical services, emergency responders can coordinate their efforts and communicate with affected populations immediately, and situational awareness so that the right relief resources can be deployed to areas most in need.

16:00 - 16:45

Fireside Chat:

Embracing Resilience by Investing in Climate Adaptation.

SPEAKERS

- **Parag Khanna**, author and founder, Climate Alpha
- **Marc Antaki**, Head of Portfolio Strategy, Mubadala Investment Company

As Founder & CEO of Climate Alpha, Dr. Parag Khanna is the leading global voice and strategist on climate adaptation – our investments in resilient infrastructure, institutions and societies to manage the growing impact of climate volatility. He explains how countries, cities and communities can make the necessary investments in adaptation to maintain economic and social stability while building more sustainable and inclusive systems.

3 DECEMBER, SUNDAY

Health and Peace

17:00 - 17:45

Brought to you by Mubadala Youth Council:

Igniting the Youth Energy Transition: A Youth Panel with CEPSA CEO Maarten Wetselaar

SPEAKERS

- **Martin Wetselaar**, CEO, CEPSA
- **Omair Bin Haider**, Mubadala
- **Belen SantaCruz**, CEPSA
- **Ali Al Shimmari**, TAQA
- **Marcus Ayoub**, Youth Sustainability Alliance, American Community School
- **Moderator: Salim Mohammed Alsawan**, Investment Professional at Mubadala

Join us for a captivating fireside chat with Maarten Wetselaar, the CEO of CEPSA as he engages in a thought-provoking discussion on the pivotal role of youth in driving the energy transition. Explore the dynamic intersection of youth engagement within CEPSA and gain valuable insights into the opportunities and challenges awaiting young individuals aspiring to enter the energy sector. Don't miss this insightful conversation that delves into the future of energy and the significant contributions of the next generation.

4 DECEMBER, MONDAY

Finance, Trade and Gender

10:30 - 11:15

Keynote:

Creating a Green Molecules Energy Industry

SPEAKERS

- **Maarten Wetselaar**, CEO - CEPESA
- **Moderated by Robert Murphy**, Director Energy at Mubadala

The vast potential of hydrogen (the green molecule) remains largely unexplored. Hydrogen stands as a crucial hope for decarbonizing our energy system. To unlock its promise, we must invest in technology and infrastructure, manage the energy transition effectively, and support dynamic climate policies. Join CEPESA CEO Maarten Westelaar as he explains why a greener future requires us to move beyond existing renewable sources and embrace innovative chemistries.

11:30 - 12:00

Panel:

Unveiling the Future: Navigating Innovations and Investments in ClimateTech

SPEAKERS

- **Noor Sweid**, Partner, Global Ventures
- **Peter Abou Hachem**, Head of Strategy & Product, Hub71
- **George Polk**, Partner, Vision Ridge

Explore practical strategies for managing extreme heat in our upcoming panel discussion. Our experts will guide you through recognizing symptoms, preventive measures, and a broader discussion on the health impacts of climate change. It's an informative and engaging conversation aimed at providing valuable insights and advice for navigating heat-related challenges. Join us for a down-to-earth discussion on staying cool and healthy in a changing climate. The session will include a presentation on step by step guidance, how to address heat impacts in real life situations. How do we think about the broader impacts in different parts of the world?

4 DECEMBER, MONDAY

Finance, Trade and Gender

12:15 - 13:15

IE University and UN SDG Fund Present:

Global Impacts Unveiled: Recap and Insights from Second Sovereign Wealth Fund SDG Conference at COP28

1. WELCOME AND OPENING REMARKS

- **Dr. Javier Capapé**, Director, Sovereign Wealth Research, Center for the Governance of Change, IE University

2. PANEL

- **Mr. Obaid Amrane**, Chief Executive Officer, Ithmar Capital, Morocco
- **Mr. Ayman Soliman**, Chief Executive Officer at The Sovereign Fund of Egypt
- **Mrs. Nana Maidugu**, Head of Sustainability and ESG, NSIA, Nigeria
- **Mr. Rafael Matos**, Head of Sustainability and Impact Investing, COFIDES, Spain
- **Moderator: Dr. Victoria Barbary**, Director of Strategy and Communications, International Forum of Sovereign Wealth Funds

3. FIRESIDE CHAT

- **Mr. Eric Usher**, Head of United Nations Environment Programme Finance Initiative (UNEP FI)
- **Ms. Constance Chalchat**, Head of CIB Company Engagement & Global Markets Chief Sustainability Officer, BNP Paribas

4. CONCLUDING REMARKS

- **Mr. Álvaro de Torres Suárez**, Deputy Director-General of Planning and Policy Coherence, Ministry of Foreign Affairs, Spain
- **Dr. Javier Capapé**, Director, Sovereign Wealth Research, Center for the Governance of Change, IE University

Join us for an insightful panel discussion covering key insights from the Second Sovereign Wealth Fund SDG Conference held during COP28. Explore the significant developments in global impact and sustainable development during this engaging session.

4 DECEMBER, MONDAY

Finance, Trade and Gender

14:00 - 14:45

Brought to you by Mubadala Youth Council:

Women in Finance: SDG Youth Council x Mubadala Youth Council

SPEAKERS

- **Meera Al Suwaidi**, Head of Value Creation, Mubadala Investment Company
- **Wafa Al Ali**, Executive Director, FAB
- **Dr. Lamees Al Qaisi**, General Manager, Sheikha Khawla Foundation
- **Moderated by Shahad Al Kaabi**, President of Youth Advisory Council on SDGs

Join youth council leader Shahad Al Kaabi, as she leads a discussion on the crucial role diversity plays in climate finance. A compelling exploration of the intersection between finance, climate action, and gender diversity, the panel discussion examines why outcomes are enhanced when women and youth actively participate in shaping financial strategies for climate initiatives. The program promises to illuminate the significance of diverse perspectives in driving meaningful change in the intersection of finance and sustainability.

15:00 - 15:45

Panel:

The New ROI Return on Impact through Women in Finance

SPEAKERS

- **Ameera Khalid**, Vice President, Investor Relations & Communications, Waha Capital
- **Ajaitha Shah**, Founder and CEO of Frontier Markets and President, Frontier Innovations Foundation
- **Helen Watts**, Executive Director, Student Energy
- **Moderated by Umayma Abubakar**, Executive Director, Corporate Communications

Diversity is proven to be a competitive advantage across various industries and locations. A recent Blackrock study reveals that companies with more gender-balanced workforces outperformed their least-balanced counterparts by up to 2 percentage points annually from 2013 to 2022. This panel discusses how gender parity is particularly crucial in the clean energy transition, where women often drive innovative and inclusive solutions. Panelists discuss the challenges in recruiting and retaining more women at all levels of the energy transition, from fund management and middle management to on-the-ground business ownership. The discussion emphasizes the unique perspectives and skills women bring, the impact of gender parity on decision-making, and the necessary steps to achieve it.

4 DECEMBER, MONDAY

Finance, Trade and Gender

16:00 - 16:45

Panel:

What's Now, What's New and What's Next in Green Financing?

SPEAKERS

- **Zoe Knight**, Director, Centre for Sustainable Finance, HSBC
- **Martin Nagell**, Adviser, Office of the CEO, Masdar
- **Faisal Al Shimmeri**, Head of ESG and Corporate Strategy, Mashreq
- **Moderator: Charif Beainy**, Director, Portfolio Strategy at Mubadala

Are conventional sustainability funds enough to support the wholesale adoption of clean energy? How can we move beyond concessional financing to access the vast pool of commercial funding, totaling hundreds of trillions of dollars annually, to introduce innovative financial instruments, encourage greater risk-taking, and expedite the widespread adoption of clean energy ecosystems, scalable sustainable technologies, and comprehensive decarbonization strategies?

17:00 - 17:45

Panel:

Brought to you by Mubadala Youth Council: Green Banking

SPEAKERS

- **Sanda DE Silva**, HSBC Vice President, Sustainable Debt Capital Markets
- **Hashem Al Attas**, TAQA Asset Manager Abu Dhabi Region
- **Mohamed Alhashemi**, Mubadala Senior Vice President Corporate Funding
- **Meshal Almutairi**, FAB Executive Director, Institutional Sales
- **Moderator: Sultan Al Awadhi**, Vice President, Financial Risk Management

Join banking and business experts as they do a deeper dive into a variety of green banking instruments and practices designed to spur implementation and growth across the green ecosystem. The panel discuss what's driving the increase appetite for green financing and review a case study of Mubadala's newly issued green bond and TAQA green financing. The session will also touch on carbon trading and its impact on ESG targets.

5 DECEMBER, TUESDAY

Energy, Decarbonization & Industry Transition

10:30 - 11:15

Panel:

Energizing Tomorrow - Unleashing the Power of Innovation in Clean Energy Transition at COP28

SPEAKERS

- **Rodrigo Martins**, President, European Academy of Sciences
- **Neil Wilmshurst**, Senior Vice President for Technology, EPRI
- **Mark Levine**, Energy Division Director Emeritus, LBNL
- **Ann-Kathrin Lipponer**: Associate Program Officer, International Renewable Energy Agency (IRENA)
- **Moderated by Homaïd Al-Shimmari**, Deputy Group CEO and Chief Corporate & Human Capital Officer, Mubadala

We are seven years out from the pivotal 2030 climate deadline of cutting 2018 emissions levels in half. One of the biggest opportunities for meeting those goals is the launch and management of clean energy systems at commercial scale. What does it take to develop, launch and manage widespread clean energy transition? Are the barriers to success technological, financial, or a matter of effective public/private partnership? Or is it a combination of all three? Join us as some of the world's foremost experts in climate and clean energy discuss and debate what it will take to address the clean energy challenge and unlock collaborative opportunities to fast-track the global transition to net-zero world.

11:30 - 12:15

Panel:

Panel: Fast, Focused, Flexible: Accelerating the Uptake of Renewable Energy to Meet Climate Goals

SPEAKERS

- **Deepesh Nanda**, President-Renewables and MD & CEO, Tata Power Renewables
- **Lucy Chadwick**, Partner and Head of ESG, GIP
- **Moderated by Eduardo Carriles**, VP Responsible Investing, Mubadala

How can we achieve a widespread shift to renewable energy? According to IRENA, if we accelerate adoption, 65% of energy use could be renewable by 2050, aligning with the Paris Agreement goals. However, as of 2021, only 14% of primary energy is renewable. Experts from around the world discuss existing challenges, what global changes are needed to speed up the transition and why we need more active participation to drive this transformative shift.

5 DECEMBER, TUESDAY

Energy, Decarbonization & Industry Transition

12:30 - 13:15

Panel:

Navigating Responsible Decarbonization

SPEAKERS

- **Peter Rawlings**, Global Industry Lead, Finance, ERM
- **Luiz de Mendonça**, CEO, Acelen
- **Mugwe Manga**, Consultant Advisor - Office of the Vice President, Africa Regional Office, The Rockefeller Foundation
- **Moderated by Aaron Pinnock**, Senior Associate, Responsible Investing, Mubadala Investment Company

A dynamic panel discussion where industry leaders share insights on fast-tracking decarbonization through strategic investments. Discussions will delve into specific 'grey to green' themes, as well as the integration of decarbonization into broader corporate and investor commitments. Emphasis on effective value levers, navigating potential barriers to success, and learning how to balance competing demands.

14:00 - 14:45

Brought to you by Mubadala Youth Council:

Revolutionizing Clean Power: Fireside Chat with Optim Energy's Jeremiah Thoronka

SPEAKERS

- **Jeremiah Thoronka**, We are Family Foundation
- **Moderated by Mohammad Luqman**, Senior Assistant Manager, Mubadala

Join us for a fireside chat with Jeremiah Thoronka, the 24-year-old visionary behind Optim Energy, a piezoelectric device providing affordable and clean power to over 1,500 citizens and 9,000 students in Sierra Leone. At 17, he created this groundbreaking technology, earning accolades such as the Global Student Prize and Africa Youth and Young Innovator of the Year. Learn about his latest project -- using a mini solar grid for sustainable community development and hear his personal insights stemming from his role as an advisor to the Clean Growth Leadership Network. Don't miss this chance to hear from a young innovator shaping a sustainable future.

5 DECEMBER, TUESDAY

Energy, Decarbonization & Industry Transition

15:00 - 15:45

Fireside Chat:

Unleashing Climate Solutions: The Crucial Role of a Global Carbon Market in Combating Climate Change

SPEAKERS

- **William Pezos**, CEO Air Carbon

Facilitating private sector access to carbon markets and its connection with high-quality carbon projects around the world require a reliable, regulated and scaled-up global carbon market. But, with growing skepticism about carbon savings from offsetting programs, negative press, and a reported decline in demand for carbon credits is a scaled-up carbon market worth the effort, or should corporates focus on actual reduction in emissions?

16:00 - 16:45

Brought to you by Mubadala Youth Council:

Inventing the Net Zero World

SPEAKERS

- **Fatima Al Kaabi**, Inventor
- **Laalitya Acharya**, We are Family Foundation
- **Yashasvi Raj**, We are Family Foundation
- **Moderated by Mahra Alkhoori**, Associate responsible investing at Mubadala

Join Fatima Al Kaabi and a range of youth inventors from around the world as they delve into a captivating panel discussion on the power of innovation to reshape a sustainable future. Hear firsthand about each person's visionary ideas on building a sustainable future, the challenges they face, and the groundbreaking solutions they've developed. This dynamic conversation is a unique opportunity to witness the essential role of inventors in shaping a brighter and more sustainable tomorrow.

6 DECEMBER, WEDNESDAY

Urbanization, Built Environment, Transport

10:30 - 12:15

Brought to you by Mubadala Youth Council:

Illuminate Tomorrow: A Dynamic Hands-On Program Igniting Innovation for Climate Solutions

HOST

- **Lavinia Willmann**, Digitalization Lead, Siemens Energy

Join Siemens Energy team as they launch an interactive learning journey for 9-11 year olds, revealing the value and opportunities behind climate change solutions. Watch as Fairgreen International School students take part in an expert-led discussion related to renewable energy, sustainability, and cutting-edge technology. Engage in hands-on activities, building mini windmills and assembling solar-powered robots and cars. This dynamic experience is an empowering exploration of how young minds can contribute to shaping a sustainable future.

12:30 - 13:15

Session:

Project Decarb by Solutions Plus

SPEAKERS

- **Noura Alhammadi**, Head of Partnerships and Innovation, Solutions+
- **Philipp Klohr**, Senior Vice President, UAE Investments Platform, Real Estate, Mubadala
- **Philipp Rosenthal**, Climate Change, Carbon & Waste Middle East, Leader, WSP
- **Moderator: Isabel Griñón**, Vice President Responsible Investing, Mubadala

TBC

6 DECEMBER, WEDNESDAY

Urbanization, Built Environment, Transport

14:00 - 14:45

Brought to you by Mubadala Youth Council:

Green Hackathon Showdown: Unleashing the Power of Tomorrow's Innovators Today

SPEAKERS

- **AbdulAziz AlBannai**, Superintendent, EGA
- **Hala AlHashimi**, Senior Lean & Quality Engineer, EGA
- **Jawahir AlMaazmi**, Senior Customer Success Account, EGA
- **Azza AlJuwaied**, Account Technology Strategist, Microsoft

Discover the impact of the EGA and Microsoft Youth Sustainability Hackathon, where young minds actively contribute to a more sustainable future. Witness innovative applications addressing waste on both company-wide and individual levels, promoting the principles of Reduce, Reuse, Recycle. The session focuses on showcasing tangible changes initiated by youth, encouraging active participation rather than mere involvement in sustainability discussions. Aligned with PAVE, the event aims to advance communities through youth-led initiatives, inspiring attendees to develop their own green solutions.

15:00 - 15:45

Presentations and Panel:

If You Build It, They Will Come: The Art and Science behind Sustainable Cities and Communities

SPEAKERS

- **Steve Severance**, Director of Growth, Masdar City
- **Azza Al Zaabi**, Associate Director IFM, Solutions Plus
- **Sumaya Dabbagh**, Founder, Dabbagh Architects
- **Moderated by Neda Shelton**, SVP Communications, Mubadala Investment Company

Sustainable architecture and urban planning are fundamental to creating cities that are environmentally friendly, socially inclusive, and economically prosperous. By embracing the art of sustainable cities, we can prioritize energy efficiency, resource conservation, and community well-being, and build a greener science-based future that harmonizes with nature and improves the quality of life for current and future generations.

6 DECEMBER, WEDNESDAY

Urbanization, Built Environment, Transport

16:00 - 16:45

Panel:

You Can Get There From Here: The Future of Clean Mobility

SPEAKERS

- **Ajay Narain**, Managing Director, Leaseplan Emirates
- **Bert Pijls**, Chairman, Calisen
- **Moderated by Antonio Ribeiro**, Director, Enterprise Risk Management, Mubadala Investment Company

In the next decade, the mobility ecosystem will most likely undergo a transformation not seen since the early days of the automobile—and one main shift will be the decline of private-car use. This has wide ranging implications, not just for car manufacturers, but also developers, public officials and the general public. This session explores what you can expect to see on, and off, the roads post-2030.

17:00 - 17:45:

Fireside Chat:

Bridging Communities Through Sports: The Inspire Program's Pathway to Unity and Growth

SPEAKERS

- **Fiona Morgan**, Chief Purpose Officer, SailGP
- **Moderated by David Garrido**, Presenter, Sky Sports News

Step into the world of change management with our program, 'Sporting Change: Engaging Communities in Climate Solutions.' Explore the transformative power of sports as a catalyst for building engagement and collaboration in the fight against climate change. Through dynamic discussions, witness how sports inspire teamwork, resilience, and a collective commitment to sustainable solutions. Join us in harnessing the unifying force of sports to drive impactful change in the global pursuit of a more sustainable future and learn how sports can build bridges through programs like the inspire program.

8 DECEMBER, FRIDAY

Youth

10:30 - 12:15

A day of programming brought to you by Mubadala Youth Council.

Workshop:

The Innovation Nexus - How Students and Tech Startups are Shaping a Vibrant Future

SPEAKERS

- Archireef
- Green Future Project
- Augumental
- Hub71

Join us for 'Empowering Tomorrow's Innovators', a transformative workshop that bridges the worlds of students and tech startups. In this dynamic convergence, inspiring ideas will collide with real-world innovation, forging powerful connections that will shape the future together. Featuring innovators and entrepreneurs from Archireef, Green Future Project, and Augumental, this event promises to be a nexus of creativity and collaboration. Don't miss your chance to be part of this exciting journey towards a future driven by the collective power of students and tech visionaries.

12:30 - 13:15

Brought to you by Mubadala Youth Council:

Gamification - Powering Climate Action Through Play!

Mubadala, Mubadala Youth Council and Play Verto Global are embarking on a transformative journey to merge the exciting realm of gamification with the urgent cause of climate action! Imagine a world where 100,000 players globally unite to become catalysts for positive climate outcomes.

8 DECEMBER, FRIDAY

Youth

14:00 - 14:45

Workshop:

Cultivating Knowledge, Sowing Sustainability: A Thrilling Exploration into the World of Agriculture for Students

HOSTED BY

- Science Communicators

Take a journey of discovery with 'Growing for Good,' a session designed to enlighten students about the vital world of agriculture and its far-reaching impact on the environment, animals, and humanity. Through engaging and practical approaches, students will delve into the intricacies of plants, crops, food security, and the fascinating process of photosynthesis. By the end of this transformative session, participants will not only identify crops and understand the UAE's commitment to food security but also grasp the essential components of plants and the mechanics of photosynthesis. Moreover, they will gain insights into controlled-environment agriculture (CEA) and the innovative use of hydroponics in growing plants without soil.

15:00 - 15:45

Page Turner Prodigy:

Unleashing the Publishing Power of AIDhabi AIMuhairi, the Nine-Year-Old Avid Reader Changing the Story for Children Worldwide

SPEAKERS

- AIDhabi AIMuhairi
- Moderated by Shaikha Ahmed Alzaabi, Mubadala

Join UAE's own AIDhabi AIMuhairi as she discusses her project EcoHub and why she decided to become one of the world's youngest book publishers by writing, designing and publishing youth books on climate change. Interview will be followed by a book signing.

8 DECEMBER, FRIDAY

Youth

16:00-16:45

Game-a-thon

17:00 - 17:45

Cultures, Countries and Climate Action:

A Mubadala Youth Council and TAQA Youth Council Case Study

Learn how the Mubadala Youth Council and TAQA Youth Council joined forces on a groundbreaking program to engage with a local community in India. Hear from council members about how their experience they installed solar panels, delved into the intricacies of energy conservation in a rural village, and experienced firsthand the diverse landscape of climate change initiatives across countries, cultures, and consumer demands. This immersive journey showcases the proactive collaboration of youth leaders dedicated to shaping a sustainable future.

9 DECEMBER, SATURDAY

Nature, Oceans and land

10:30 - 11:15

Brought to you by Mubadala Youth Council:

We Are Family Foundation

SPEAKERS

- **Laya Pothunuri**, youth climate advocate, WAFF
- **Melati Wijzen**, Activist and social entrepreneur (WAFF)
- **Moderated by Aaron Pinnock**, Senior Associate, Responsible Investing, Mubadala Investment Company

Dive into an enlightening panel interview featuring two extraordinary women, Laya Pothunuri and Melati Wijzen, as they share their insights on innovation, environmental conservation, and sustainable change. Laya Pothunuri, an award-winning innovator and environmental conservationist, brings her expertise in bridging the gap between technological proposals and practical implementation. Joining her is Melati Wijzen, an Indonesian changemaker and social entrepreneur, known for founding Bye Bye Plastic Bags and leading initiatives like One Island One Voice and Youthtopia. This dynamic discussion will explore their impactful journeys, offering a glimpse into their remarkable efforts towards creating a better, more sustainable future for the planet.

11:30 - 12:15

Panel:

Protecting What's Precious: Conservation in the Age of Extreme Climate

SPEAKERS

- **Andrew Gardner**, Director of Biodiversity, Emirates Nature-WWF
- **Nicolas Heard**, Acting Director General, MBZ Species Conservation Fund
- **Moderated by Umayma Abubakar**, Executive Director, Corporate Communications

We are in the midst of the world's sixth great extinction, with thousands of species being eliminated and their habitats compromised and unlivable. Join experts from the Emirates Nature World Wildlife Fund and the MBZ Species Conservation Fund as they take you inside these shifting habitats, where scientists and volunteers roll up their sleeves, get their hands dirty and fight to save life in all its forms, big and small.

9 DECEMBER, SATURDAY

Nature, Oceans and land

12:30 - 13:00

Brought to you by Mubadala Youth Council:

Digging Deep: Unveiling the Crucial Role of Sustainable Soil Practices, Cutting-Edge Technology, and Environmental Monitoring for a Greener Future

This illuminating panel discussion spotlights EAD's groundbreaking innovations in environmental monitoring. Focused on remote sensing and AI-powered predictions, the discussion touches upon the critical role monitoring soil health has across diverse land uses. Uncover the profound importance of sustainable soil practices and gain insights into the far-reaching impacts of various land uses on soil quality. Explore the intersection of environmental monitoring programs with cutting-edge technology, showcasing how remote sensing and artificial intelligence elevate the efficiency of these programs, paving the way for a more sustainable and resilient future.

13:15 - 13:45

Session:

Andalusian Green Hydrogen Valley

SPEAKERS

- Joaquín Rodríguez Jadraque, Head of Hydrogen - Cepsa
- Juan Manuel Moreno Bonilla, President of the Regional Government of Andalusia

14:00 - 14:45

Panel:

The Real Estate Climate Pledge

SPEAKERS

- Aldar
 - Pledge signatories
-

9 DECEMBER, SATURDAY

Nature, Oceans and land

15:00 - 15:45

Brought to you by Mubadala Youth Council:

From local to global: Extreme Environments as a Proxy for Future

SPEAKERS

- **John Burt**, Associate Professor of Biology, NYUAD
- **Mark Dalio**, Founder and co-CEO of OceanX
- **Francesco Paparella**, Associate Professor of Mathematics, Principal Investigator of Mubadala ACCESS Center, NYU Abu Dhabi
- **Moderator: Mariët Westermann**, Vice Chancellor - NYU Abu Dhabi

This panel delves into the pioneering work of the Arabian Center for Climate and Environmental Sciences (Access) in its efforts to mitigate and adapt to climate change. Panelists will discuss ongoing studies of the marine and atmospheric environment of the region, with a special emphasis on the UAE including how the organization employs sophisticated modeling techniques to unravel the complexities of these extreme environments, aiming to leverage scientific insights for the advancement of global climate solutions. The discussion will also explore how lessons learned from the unique environmental challenges in the Arabian region can contribute to broader strategies addressing climate change on a global scale.

16:00 - 16:45

Panel:

Frames of Change: Unveiling the Power of Art and Film in Climate Action

SPEAKERS

- **Nayla Al Khaja**, Executive Producer and Film Director
- **Reem Saleh**, Associate Director of External Relations at The Arts Center, NYU Abu Dhabi
- **Moderated by Carmen Ferrigno**, Senior Fellow, Kite Insights

Dive into the intersection of creativity and climate action with 'Frames of Change', a compelling panel discussion that explores the transformative power of art and filmmaking in driving engagement on pressing environmental issues. Renowned artists and filmmakers share their unique perspectives, revealing how their work serves as a catalyst for inspiration and action. Hear from climate experts who illuminate the urgency of our current environmental challenges and discuss the collaborative synergy between art and science. Join us for an immersive experience that transcends traditional dialogues, inspiring a collective movement toward a sustainable future.

9 DECEMBER, SATURDAY

Nature, Oceans and land

17:00 - 17:45

Panel:

Power Plays: Addressing AI Energy Consumption and Greening Data Centers

SPEAKER

- **Anne Cecilie**, Head of Group Sustainability, Global Connect

Data centers are energy-intensive, consume valuable resources, and contribute to greenhouse gas emissions. To ensure sustainable digital transformation, we must implement an effective green digital infrastructure, manage climate risks, and reduce environmental footprints. The question is: How can we marry rapid digitalization with environmental consciousness to accelerate green data center adoption?

10 DECEMBER, SUNDAY

Food, Water Security and Agritech

10:30 - 11:15

Brought to you by Mubadala Youth Council:

Food Security: Harnessing Nature Through Land and Sea

SPEAKERS

- **Tatiana Antonelli**, Founder and Managing Director, Goumbouk
- Environment Agency Abu Dhabi
- Al Dhahra

Join Goumbouk's Tatiana Antonelli and representatives from EAD and Al Dhara, for a dynamic panel discussion that tackles the hard truths around food security innovations in the UAE and the broader region. Hear how local experts are leveraging international practices to rethink and retool this country's food security. Uncover how local UAE experts skillfully manage the delicate balance between domestic food security and pressing climate challenges, including water management, hydroponics, and advanced agricultural technologies. Gain valuable insights into cutting-edge strategies shaping and reshaping the landscape of food security, all with a youth perspective. This session promises a deep dive into the intersection of global innovation and localized expertise.

11:30 - 12:15

Panel:

Cultivating Sustainability: Navigating Agriculture, Food Security, and Water Conservation in the Global South

SPEAKERS

- **Dr. Michael Okoroafor**, Ph.D., Chief Sustainability Officer, McCormick & Co.
- **Ayoola Dominic**, President and Co-Founder at Koolboks
- **Moderated by Su'ad Yousif**, Senior Vice President, Portfolio Strategy

A diverse group of experts discuss take on the larger food scarcity debate including the urgent challenges in the Middle East, Africa, and the Global South related to sustainable agriculture, food security, and water conservation. The session highlights global trends affecting these regions and stresses the crucial role of water conservation in farming. The experts discuss innovative solutions like smart irrigation and Agritech, examining their economic and social effects. The panel will also discuss how government policy, global partnerships, and community involvement and education play critical roles in delivering a sustainable and secure future.

10 DECEMBER, SUNDAY

Food, Water Security and Agritech

12:30 - 13:15

Brought to you by Mubadala Youth Council:

A Moment to Hear from Aldar Youth Council

SPEAKERS

- Sara AlKatheeri, Aldar
- Sara AlSatrawi, Aldar

Join us for an energizing Youth Hour as we showcase the impactful outcomes of the YouthSpeak Forum and unveil additional achievements, including the groundbreaking World's Largest Climate Change Lesson on November 9th. Our dynamic discussion will dive into inspiring initiatives such as the E-Waste pledge and drive, shedding light on the youth-led efforts to drive positive change. Don't miss the chance to be part of this vibrant discussion, exploring the transformative power of youth-led initiatives shaping our world.

14:00 - 18.00

NYUAD and Transition Investment Lab conference
