

16 - 18 JANUARY 2023 | ADSW | ADNEC, ABU DHABI

Y4S HUB EXPERIENCE AGENDA

ADVANCING YOUTH ENGAGEMENT FOR CLIMATE ACTION

Hosted by



Sponsored by

دائرة الطاقة
DEPARTMENT OF ENERGY



Part of





ABOUT YOUTH 4 SUSTAINABILITY

Launched under the patronage of **His Highness Sheikh Khalid bin Mohamed bin Zayed Al Nahyan**, **Youth 4 Sustainability (Y4S)** is a Masdar initiative that invests in and supports young people to become the sustainability leaders of tomorrow.

The year-long Y4S global program is aligned with the **UN Sustainable Development Goals**, the **UAE's National Strategy** and the **Net Zero by 2050 goal**.

Y4S connects young people with leaders, experts, and peers. The platform also provides training and hands-on experiences so young people can drive dialogue and **action to build a more inclusive and sustainable future**.

YOUTH 4 SUSTAINABILITY IMPACT FROM JAN 2016 - DEC 2022



535,277

Total youth outreach on social media
(starting from Jan 2022)



288

Students trained to volunteer
during ADSW



38,140

Young people engaged and participated
in Y4S online and in-person activations



192

Hours of mentoring given to Future
Sustainability Leaders on problem-solving,
design thinking, entrepreneurship, and coding



1,454

Sustainability Ambassadors and Future
Sustainability Leaders attended
conferences organized by Y4S



183

Workshops and training
sessions organized



659

Graduates from the Sustainability
Ambassadors and Future Sustainability
Leaders programs



66

Sustainability solutions were
devised through Ecothon
Innovation program

Y4S HUB EXPERIENCE AT ADSW 16 – 18 JANUARY 2023

ADVANCING YOUTH ENGAGEMENT FOR CLIMATE ACTION

As we look towards COP28, the Youth 4 Sustainability (Y4S) Hub at Abu Dhabi Sustainability Week (ADSW) 2023 will kick-start the New Year with meaningful youth dialogue and action. From **January 16 - 18**, **Y4S** will bring together over 3,000 young people from diverse backgrounds to **feel enlightened, empowered, and engaged** in the sustainability agenda. They will join forces with leaders, corporations, and enablers to accelerate climate action and **boost green capacity building for a brighter future**.



+3000 Youth



100+ Speakers and Moderators



50+ Sessions



20 Hours of Content



15 Youth-led Solutions



1 Head of State



4 Ministers



800 Sqm of Experience



Ecothon Pitch Session

1 Y4S FORUM

An intergenerational dialogue toward building a more inclusive, resilient and sustainable future

1

2 YOUTHCONNECT

Creating meaningful connections between young talent and leaders

2

3 OUT-OF-LABS

Youth Innovation Marketplace. Showcasing the younger generation's ingenuity in tackling sustainability challenges

3

4 FUTURE SKILLS

Y4S Interactive Skills Experience

4

5 ECOTHON PITCH DAY

Y4S Ecothon Innovation Challenge 2022
Final Pitch Day session

5

Y4S AGENDA AT ADSW 2023

Monday, 16 January

Youth Engagement and Participation

Time	Session	Location
10:00 AM - 12:00 PM	ADSW OPENING CEREMONY + ZAYED SUSTAINABILITY PRIZE	ADNEC, HALL 12
12:30 PM - 03:00 PM	ENGAGEMENT WITH INDUSTRY LEADERS	ADNEC HALLS
02:00 PM - 04:30 PM	YOUTH CLIMATE NEGOTIATION SIMULATION	MAIN THEATER, Y4S HUB
01:00 PM - 03:30 PM	YOUTHCONNECT	ADNEC, HALL 9, Y4S HUB
04:30 PM - 06:00 PM	IRENA x Y4S YOUTH RECEPTION	ADNEC, HALL 9, Y4S HUB

Tuesday, 17 January

Policy & Leadership

Time	Session	Location
10:00 AM - 02:30 PM	Y4S FORUM	ADNEC, HALL 9, Y4S HUB
12:00 PM - 02:20 PM	YOUTHCONNECT	ADNEC, HALL 9, Y4S HUB

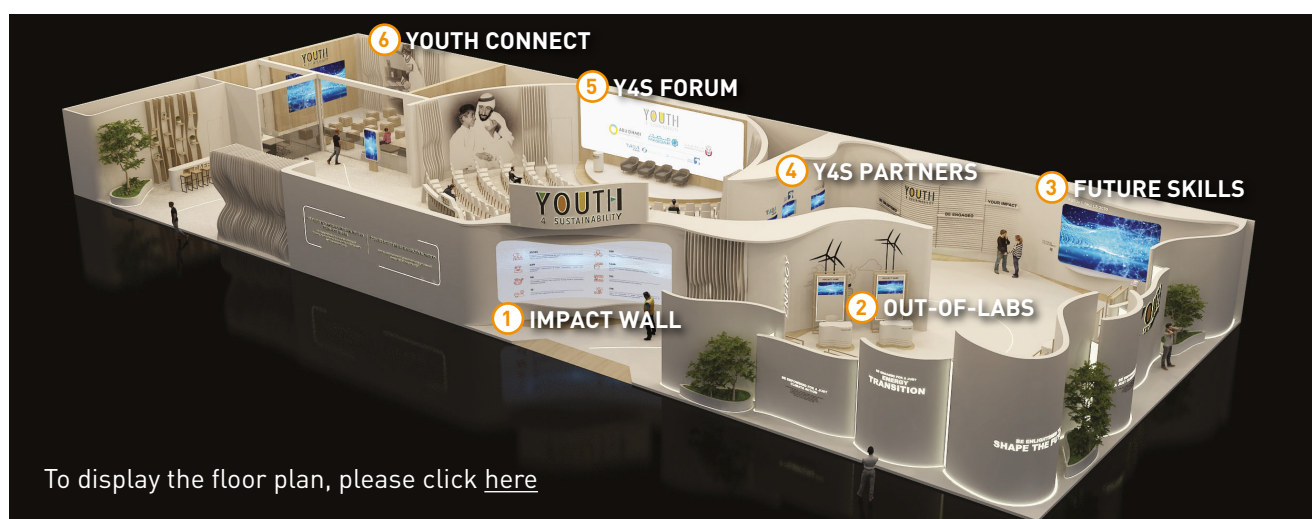
Innovation & Megatrends

Time	Session	Location
02:30 PM - 04:30 PM	YOUTHCONNECT	ADNEC, HALL 9, Y4S HUB
02:40 PM - 05:00 PM	Y4S FORUM	ADNEC, HALL 9, Y4S HUB

Wednesday, 18 January

Skills, Capacity Building & Resilience

Time	Session	Location
10:00 AM - 02:00 PM	Y4S FORUM	ADNEC, HALL 9, Y4S HUB
12:00 PM - 04:15 PM	YOUTHCONNECT	ADNEC, HALL 9, Y4S HUB
03:00 PM - 05:00 PM	ECOTHON PITCH DAY	ADNEC, HALL 9, Y4S HUB



YOUTH ENGAGEMENT AND PARTICIPATION | 16 JAN

YOUTH CLIMATE NEGOTIATION SIMULATION

🚩 Youth Climate Negotiation Simulation

In Partnership with EAD, UAE Climate Change Special Envoy and AGDA

🕒 02:00 PM - 04:30 PM GST



FACILITATOR

Noora Abdulla Albalooshi
Assistant Scientist - Fisheries,
Environment Agency of Abu Dhabi



FACILITATOR

Fatima Al Hallami
Climate Negotiator,
UAE Climate Change Special Envoy



FACILITATOR

Moustafa Amr Bayoumi
Research Fellow - Energy, Climate Change,
and Sustainable Development, Anwar
Gargash Diplomatic Academy

Session is restricted to invited guests

📍 ADNEC

The **Youth Climate Negotiation Simulation** is a group role playing simulation of the international climate change negotiations. This exercise provides **30 young participants** the chance to explore the risks of climate change and the challenges of negotiating international agreements to reduce greenhouse gas (GHG) emissions. In a live, face-to-face setting, participants play negotiators representing countries and regional blocs that work to create an agreement that limits climate change by reducing GHG emissions. Proposals are tested using a climate policy simulation model that provides participants science-based feedback on the implications of their proposals for atmospheric carbon dioxide concentrations, global mean surface temperature, sea level rise, and other impacts.

The simulation aims to provide participants with the following:

1. Insights and understanding

Offer an opportunity for participants to gain insights into the carbon and climate system, as well as the social and international geopolitical dynamics of the climate challenge.

2. Learning and Leadership

Provide a non-dogmatic experience for participants to think and explore, for themselves, about their possible role in addressing climate change and experiment in a role-playing environment on how to advocate for positive action.

3. Diffusion

Give participants an opportunity to take what they have learned and translate it into real-world action.

Agenda

Introduction	2:00pm – 2:05pm
Group Assignments	2:05pm – 2:15pm
UN Summit Opening Presentation	2:15pm – 2:25pm
Round 1 Team Meetings	2:25pm – 2:35pm
Round 1 Plenary Presentations	2:35pm – 2:50pm
Round 2 Team Meetings & Negotiations	2:50pm – 3:05pm
Round 2 Plenary Presentations	3:05pm – 3:20pm
Additional Rounds of Play	3:20pm – 3:30pm
Debriefing Discussion	3:30pm – 4:00pm

Y4S FORUM 2023

17 – 18 JANUARY 2023

ADVANCING YOUTH ENGAGEMENT FOR CLIMATE ACTION

Young people across the globe are increasingly aware of the challenges posed by climate change. However, young people are not simply passive victims of global warming, they are also **driving sustainable solutions**. When they are given the tools that they need, young people can **spearhead innovation and knowledge** within their communities and across the globe.

At COP27, countries formally recognized the role of **young people as agents of change** and encouraged parties to adopt inclusive processes for designing and implementing climate policies and action.

Under the theme of "**advancing youth engagement for climate action**", the Y4S Forum 2023 will take place from January 17–18, at ADNEC, Abu Dhabi.

As we gear up for COP28, the Y4S Forum will emphasize the importance of meaningful youth participation by providing a platform for an **inclusive dialogue**. This is a space where young people can discuss their concerns, showcase their innovations and connect with influential figures **to work toward a more inclusive, resilient, and sustainable future**.



Policy & Leadership
17 January



Innovation & Megatrends
17 January



**Resilience, Skills
& Capacity Building**
18 January

POLICY & LEADERSHIP | 17 JAN

ACCELERATING YOUTH PARTICIPATION IN CLIMATE ACTION AND ENERGY TRANSITION LEADING UP TO COP28

Today, there are **1.8 billion young people in the world**, aged between 10 and 24. This number is set to reach two billion, by 2050 (United Nations Development Program, 2016). It is estimated that a child born in 2021 will live through seven times as many heatwaves, and nearly three times as many droughts, as someone born in 1960. Yet the effects will not be felt equally around the world. **Young people in the developing world will bear the brunt of climate change**, according to the UNDP.

Yet around the world, **youths are leading positive change too**. They are demanding to be heard in decision-making spaces. They are making sure they are included in the design and implementation of climate action, at all levels.

Whether through education, science, or technology, young people are scaling up their efforts and using their voices, skills, and networks **to accelerate climate action**. Tackling the climate crisis requires ambition, action, and inclusivity. This can only be achieved if stakeholders recognize the valuable ideas and expertise that young people bring to the table.

MC Note

🕒 10:00 AM – 10:03 AM SGT



MC

Abdelqader AlSaqqaf

UAE Youth Delegate to the United Nations & Future Sustainability Leader, Y4S

📍 ADNEC

Y4S Video

🕒 10:03 AM – 10:06 AM SGT

Opening Remarks: Advancing youth engagement for climate action

🕒 10:07 AM – 10:19 AM GST



SPEAKER

H.E. Eng. Awaidha Al Marar

Chairman, Abu Dhabi Department of Energy

📍 ADNEC

Accelerating Youth Participation in Climate Action & Energy Transition Leading up to COP28

🕒 10:20 AM – 10:27 AM GST

How Can We Engage More Young People to Accelerate Action Toward a Greener Energy Future?

🕒 10:28 AM – 10:35 AM GST



SPEAKER

H.E. Suhail Al Mazroui

Minister of Energy and Infrastructure, UAE

📍 ADNEC

POLICY & LEADERSHIP

17 JANUARY 2023

🚩 Rethinking a Just Energy Transition With Youth

🕒 10:36 AM - 10:51 AM GST



SPEAKER

H.E. Dr. Nawal Al-Hosany
The Permanent Representative
of the UAE to IRENA



SPEAKER

Damilola Ogunbiyi
CEO and Special Representative of the
UN Secretary-General for Sustainable Energy
for All and Co-Chair of UN-Energy



MODERATOR

May Alhajeri
Officer - FDI Attraction at Abu Dhabi
Investment Office & Former Youth Delegate
to the United Nations

📍 ADNEC

🚩 Harnessing the Power of Youth: Advocating and leading for climate action

🕒 10:52 AM - 11:02 AM GST



SPEAKER

Sheikh Dr. Majid Al Qassimi
Partner and Founder,
Soma Mater



MODERATOR

Omar Aldhuhoori
Curator, Global Shapers
Community Abu Dhabi Hub

📍 ADNEC

🚩 EAD's 2022 Survey: Capturing the voices of youth on climate change **In Partnership with EAD**

🕒 11:03 AM - 11:13 AM GST



SPEAKER

Khansa Ibraheem Al Blouki
Director, Environmental Outreach, Environmental Information, Science & Outreach Management, EAD

📍 ADNEC

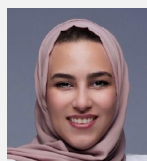
🚩 Effectively Engaging in Climate Diplomacy: Turning actions into results

🕒 11:14 AM - 11:24 AM GST



SPEAKER

Moustafa Amr Bayoumi
Research Fellow - Energy, Climate Change,
and Sustainable Development,
Anwar Gargash Diplomatic Academy



MODERATOR

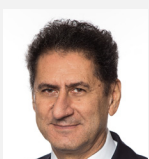
Hager Abunahwa
Process Engineer,
NPCC & Wiser Pioneer,
Masdar

📍 ADNEC

🚩 Break 10 mins

🚩 The Role of Education in Supporting Young People's Actions in Accelerating the Energy Transition

🕒 11:35 AM - 11:40 AM GST



SPEAKER

Francesco La Camera
Director General, IRENA

🖥️ VIRTUAL

POLICY & LEADERSHIP

17 JANUARY 2023

🚩 Tapping Into the Power of Young People for Climate Action

🕒 11:41 AM - 11:56 AM GST



SPEAKER

Ineza Umuhoza Grace
Founder and CEO,
The Green Protector & Coordinator,
Loss and Damage Youth Coalition



SPEAKER

Abigail Kima
Climate Justice Advocate & Host and Producer,
Hali Hewa Podcast



MODERATOR

Mohamed Alnoaimi
Business Strategy Leader, Corporate Strategy
Department, Bahrain Petroleum Company &
Future Sustainability Leader, Y4S

📍 ADNEC

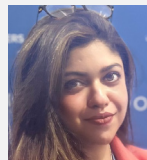
🚩 Youth Climate Advocacy and Leadership **In Partnership with UNICEF**

🕒 11:57 AM - 12:27 PM GST



SPEAKER

Ayshka Najib
UNICEF Youth Advocate



SPEAKER

Shravani Sharma
Urban and Transport Planner,
University of Warwick



SPEAKER

Dr. Mishari Al-Saud
Chairman,
Faseel



SPEAKER

Ahmed Abdelsattar Mohsen Eldeeb
Quality Control Chemist,
Egyptian Canadian for Advanced Industry



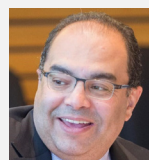
MODERATOR

Natalie Esmail
Climate and Youth Engagement
Specialist, UNICEF

📍 ADNEC

🚩 Readiness for Climate Finance: Priority actions to increase access to climate finance for non-state actors

🕒 12:28 PM - 12:38 PM GST



SPEAKER

H.E. Dr. Mahmoud Mohieldin
UN Climate Change High-Level Champion for COP27

📍 ADNEC

POLICY & LEADERSHIP

17 JANUARY 2023

Empowering Youth Participation in Climate Decision Making In Partnership with TAQA

🕒 12:39 PM - 1:09 PM GST



SPEAKER

Omar Al Braiki
Head of Climate Negotiations,
The UAE Special Envoy for Climate Change



SPEAKER

Azza Al Raisi
Senior Sustainability Specialist,
Abu Dhabi National Oil Company (ADNOC)



SPEAKER

Abdulla Al Remeithi
Director - Environment Policy,
Regulation and Climate Change,
Environment Agency of Abu Dhabi



SPEAKER

Meera Al Mheiri
Senior Inspection Engineer,
Federal Authority for Nuclear Regulation



SPEAKER

Ali Al Shimmari
Asset Manager GCC,
Abu Dhabi Energy Company (TAQA)



MODERATOR

Al Reem Al Ammari
TAQA Youth Council Member

📍 ADNOC

Lunch Break 1 hour

MC Note

🕒 02:00 PM - 02:02 PM SGT



MC

Abdelqader AlSaqqaf
UAE Youth Delegate to the United Nations & Future Sustainability Leader, Y4S

📍 ADNOC

Role of Youth in Actively Shaping Pathways Toward Net Zero

🕒 02:03 PM - 02:10 PM GST



SPEAKER

H.E. Mariam Al Mheiri
Minister of Climate Change and Environment, UAE

📍 ADNOC

Building Momentum From COP27 Towards COP28: Amplifying youth voices in the climate process

🕒 02:11 PM - 02:31 PM GST



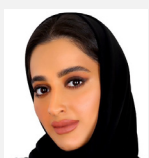
SPEAKER

Zainab Al Ali
Head of Outreach & Stakeholder
Relations, Masdar



SPEAKER

Omnia El Omrani
COP27 President
Youth Envoy



SPEAKER

Iman Ustadi
Head of Negotiations
at COP28 UAE



MODERATOR

Joshua Amponsem
Climate Lead, Office of the
Secretary-General's Envoy on Youth,
United Nations

📍 ADNOC

Break 10 mins

INNOVATION & MEGATRENDS | 17 JAN

DIGITIZATION TO NETZERO2050: THE NEW CLIMATE FRONTIER

Climate change has created fresh uncertainties about the future. This makes it even more important that young people's voices are heard. In addition, young people often **drive entrepreneurship and innovation**, and the youth of today will play a pivotal role in the **green transition**.

It is in young people's interests to **harness digital technology to reduce emissions and nurture the clean energy transition**. From Blockchain and AI to Big Data, rapid digital transformation could help to reduce greenhouse gas emissions by 15% (World Economic Forum, 2019). The younger generation has an opportunity to create **new possibilities for climate action**. For this reason, it is vital for them to understand the digital world.

This exciting **digital movement** requires strong awareness, improved digital infrastructure, and a greater understanding of its integration into our societies. An open discussion about the **use of digital technology to accelerate decarbonization** is urgently needed so young people can turn it into a megatrend.

MC Note

02:42 PM - 02:45 PM GST



MC

Abdelqader AlSaqqaf

UAE Youth Delegate to the United Nations & Future Sustainability Leader, Y4S

ADNEC

What's Trending: Is green hydrogen the future of energy?

02:46 PM - 02:56 PM GST



SPEAKER

Mohammad Abdelqader El-Ramahi

Director for Asset Management, Technology and Green Hydrogen, Masdar

ADNEC

Solving Climate Change: Why now is the best time to be a climate entrepreneur?

02:57 PM - 03:05 PM GST



SPEAKER

Nelson Switzer

Managing Partner, Climate Innovation Capital

VIRTUAL

The Next-Generation Tech Innovations and Trends That Will Shape the Coming Decade

03:06 PM - 03:26 PM GST



SPEAKER

Sean Dennis

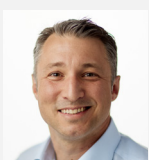
CEO and Co-founder,
Seafood Souq



SPEAKER

Patricia Bubner

Founder and CEO,
Orbillion Bio



SPEAKER

Adam Filby

VP Sales,
Dendra Systems



MODERATOR

Sonia Weymuller

Co-founder and General Partner,
VentureSouq

ADNEC

INNOVATION & MEGATRENDS

17 JANUARY 2023

Disruptive Innovations to Shape Food Ecosystems **In Partnership with Ne'ma**

03:27 PM - 03:37 PM GST



SPEAKER

Butti Abdulla Almheiri
Analyst, Ne'ma Initiative

ADNEC

Break 10 mins

Space and Climate Action: How can we leverage space technology to accelerate climate action on Earth?

03:48 PM - 03:58 PM GST



SPEAKER

Carissa Bryce Christensen
Founder and CEO,
BryceTech



MODERATOR

Filip Novakovic
Incoming Analyst at J.P. Morgan &
Future Sustainability Leader, Y4S

ADNEC

The Role and Importance of Green Schools

04:10 PM - 04:30 PM GST



SPEAKER

Rose Armour
Head of Sustainability,
American University of Sharjah



SPEAKER

Farah Naz
Author of NetzeroCityBook
& Head of Innovation and ESG,
AECOM Middle East and Africa



SPEAKER

Samer Alhmdan
Senior Architect (LEED),
dar



MODERATOR

Lana Abuqulbain
Technical Engineer,
Emirates Green Building Council

ADNEC

Digitization and Decarbonization: The new frontier **In Partnership with InvestCorp**

04:31 PM - 04:41 PM GST



SPEAKER

Habib Abdur-Rahman
Head of ESG, InvestCorp

ADNEC

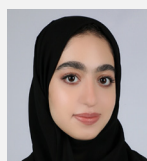
Beyond Digitalization: Future trends impacting the AgFood system

04:42 PM - 04:52 PM GST



SPEAKER

David Rosenberg
CEO and Co-founder,
AeroFarms



MODERATOR

Sara Almarzooqi
Sustainable and Renewable
Energy Engineer & Future
Sustainability Leader, Y4S

ADNEC

INNOVATION & MEGATRENDS

17 JANUARY 2023

🚩 Rewiring the Financial Services Sector to Deliver a Net Zero Future **In Partnership with HSBC**

🕒 04:53 PM - 05:03 PM GST



SPEAKER

Naveen Raza

Regional Sustainability & Financial Inclusion Lead for the Chief of Staff Office, HSBC

📍 ADNEC

YOUTH RESILIENCE, CAPACITY BUILDING & SKILLS | 18 JAN

STRENGTHENING CAPACITY BUILDING AND SKILLS FOR A CLIMATE-RESILIENT YOUTH

Where will new jobs be created? One possible source is the expanding green economy. There could be **24 million jobs in the green economy by 2030**, according to the International Labor Organization.

Simultaneously, **digital innovation** is empowering industries to move towards a just energy transition, where Net Zero by 2050 is achieved. Therefore, young people who are planning their careers need to focus on **four critical areas**: gaining the most relevant educational background, developing soft skills, acquiring a professional network, and continuously learning and adapting.

The Forum will discuss **factors driving job market changes over the next decade**. It will also address questions such as: Which skills do young people need for **future climate change careers**? How can young people build their **green skills capacity**? What skills are needed to enable a just **green energy transition**? What jobs and sectors are likely to become the most sought-after to **achieve Net-Zero by 2050**?

Other topics of discussion include global south youth resilience dialogue, future-proofing skills for climate jobs and entrepreneurship, and climate change education for mitigation and adaptation.

🚩 MC Note

🕒 10:00 AM - 10:03 AM GST



MC

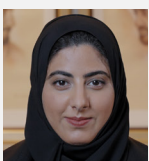
Abdelqader AlSaqqaf

UAE Youth Delegate to the United Nations & Future Sustainability Leader, Y4S

📍 ADNEC

🚩 Opening Remarks

🕒 10:04 AM - 10:11 AM GST



SPEAKER

Sheikha Shamma bint Sultan bin Khalifa Al Nahyan

President and CEO, UAE Independent Climate Change Accelerators (UICCA)

📍 ADNEC

YOUTH RESILIENCE, CAPACITY BUILDING & SKILLS

18 JANUARY 2023

🚩 Filling the Talent Gap: How can we attract the next generation of talent to drive the NetZero transition?

🕒 10:12 AM - 10:19 AM GST



SPEAKER

H.E. Dr. Thani bin Ahmed Al Zeyoudi
Minister of State for Foreign Trade,
UAE

🖥️ VIRTUAL

🚩 Creativity, Music & Climate Action

🕒 10:31 AM - 10:46 AM GST



SPEAKER

Elie Habib
Co-founder and CTO,
Anghami

📍 ADNEC

🚩 The Power of Platforms to Reskill the World

🕒 10:47 AM - 10:57 AM GST



SPEAKER

Zaher Srour
Director of Partnerships in EMEA, Coursera

📍 ADNEC

🚩 Partner Session **In Partnership with Mubadala Investment Company**

🕒 10:58 AM - 11:08 AM GST



SPEAKER

Fatima Al Marzouqi
Director of Portfolio Emirtization, Mubadala

📍 ADNEC

🚩 Skills for Our Learning Future

🕒 11:09 AM - 11:17 AM GST



SPEAKER

Louka Parry
Founder and CEO,
The Learning Future

🖥️ VIRTUAL

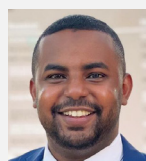
🚩 From Mega-event to Clean, Green Education Hub **In Partnership with Expo City Dubai**

🕒 11:18 AM - 11:28 AM GST



SPEAKER

Anoosha AlMarzouqi
Director – Education and Culture,
Expo City Dubai



MODERATOR

Mohamed Abdelsalam
Research Engineer,
Khalifa University & Future
Sustainability Leader, Y4S

📍 ADNEC

YOUTH RESILIENCE, CAPACITY BUILDING & SKILLS

18 JANUARY 2023

Green Jobs and Youth **In Partnership with IRENA**

🕒 11:29 AM - 11:44 AM GST



SPEAKER

Jane Nakasamu
CEO, Greenbelt Energy &
IRENA Youth Delegate



SPEAKER

Subah Alkhalidi
Rotating Equipment Engineer
& IRENA Youth Delegate



MODERATOR

Celia García-Baños
Programme Officer - Policy,
Gender and Socioeconomics, IRENA

📍 ADNEC

Break 10 mins

Integrating Sustainability Competencies Into the Classroom: Moving towards solutions **In Partnership with AUS**

🕒 11:55 AM - 12:20 PM GST



SPEAKER

May Zaki
Associate Professor of Linguistics,
Department of Arabic and Translation Studies,
American University of Sharjah



SPEAKER

Mada Al Suwaidi
Deputy Director of Programs,
Dubai Cares



SPEAKER

Norita Ahmed
Director, Center for Innovation in Teaching and
Learning & Professor of Information Systems and
Business Analytics, American University of Sharjah



SPEAKER

Haya Al-Mansoori
Student,
American University of Sharjah



MODERATOR

Rose Armour
Head of Sustainability,
American University of Sharjah

📍 ADNEC

UAE Climate Schools **In Partnership with PepsiCo**

🕒 12:21 PM - 12:31 PM GST



SPEAKER

Aamer Sheikh
CEO,
PepsiCo Middle East



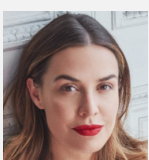
SPEAKER

Dr. Nabil Alyousuf
Senior Fellow at the Posterity Institute & Former
Director General of the Executive Office of
HH Mohammed Bin Rashid Al Maktoum, Ruler of Dubai

📍 ADNEC

Tackling The Climate Crisis Through Social Entrepreneurship

🕒 12:32 PM - 12:42 PM GST



SPEAKER

Mónica Fonseca
Climate Advocate, Journalist and Socialpreneur

📍 ADNEC

YOUTH RESILIENCE, CAPACITY BUILDING & SKILLS

18 JANUARY 2023

🚩 Insights from COP27 and Pathway to COP28 **In Partnership with ADNOC**

🕒 12:43 PM - 12:55 PM GST



SPEAKER

Mohammed AlNuaimi
Sr. Engineer,
Drilling - ADNOC Onshore

📍 ADNEC

🚩 Intergenerational Collaboration for the Energy Transition: Case studies from around the world **In Partnership with SES 2023** 🕒 12:56 PM - 01:16 PM GST



SPEAKER

Joyce Mendez
Climate Change Specialist,
UNICEF Paraguay



SPEAKER

Nicole Iseppi
Director - Global Energy Innovation,
Bezos Earth Fund

MODERATOR

Beniamin Strzelecki
Co-Chair,
Student Energy Summit 2023

📍 ADNEC

🚩 How Diversity and STEM Careers Can Help Fight the Climate Change Challenge? **In Partnership with GE**

🕒 01:17 PM - 01:32 PM GST



SPEAKER

Belgin Ertam
Senior HR Manager MENAT
and Global Organizational & Talent
Development Leader, GE



SPEAKER

Nithin Murali
Director - Data Operations,
GE Gas Power

📍 ADNEC

🚩 Championing Sustainability Without Sustainability Credentials **In Partnership with Etihad Airways**

🕒 01:33 PM - 01:43 PM GST



SPEAKER

Alanoud Saeed Alshehhi
Government Affairs Manager

📍 ADNEC

🚩 Inspired by Sheikh Zayed to Lead: A case study in successful youth action **In Partnership with ZSP**

🕒 01:44 PM - 01:51 PM GST



SPEAKER

Toby Thorpe
Deputy Mayor,
Huon Valley Council

📍 ADNEC

🚩 Closing Remarks

🕒 01:52 PM - 02:02 PM GST



SPEAKER

H.E. Eng. Ahmed Al Rumaithi
Undersecretary, Abu Dhabi Department of Energy

📍 ADNEC

YOUTHCONNECT

16 - 18 JANUARY 2023

YouthConnect at Y4S Hub is a space designed to **create meaningful connections between 30-40 talented young people, leaders, and experts.** The aim is to inspire brainstorming and dialogue about how we can address young people's needs, aspirations, and concerns when it comes to climate action and sustainable development.






The YouthConnect space at ADNEC, Hall 9, Y4S Hub will have:

- 15-30 mins dialogues with leaders and experts
- 30-45 mins workshops, brainstorming, or ideation sessions





MONDAY, 16 JANUARY 2023

TIME	SESSION
1:00 PM - 1:45 PM GST	<p>EDUCATING YOUTH ON SUSTAINABILITY BY TAQA</p> 
3:00 PM - 3:30 PM GST	<p>YOUTH DIALOGUE ON ADVANCING YOUTH PARTICIPATION IN CLIMATE ACTION</p> <div>  <div> <p>SPEAKER</p> <p>H.E. Ville Skinnari Minister for Development Cooperation and Foreign Trade, Finland</p> </div> </div>

TUESDAY, 17 JANUARY 2023

TIME	SESSION
12:00 PM – 12:30 PM GST	CLIMATE CHANGE FOR ALL: A CLIMATE LITERACY COURSE BY ARAB YOUTH CENTER 
1:10 PM – 1:40 PM GST	MINIMIZING OUR ENVIRONMENTAL IMPACT: HOW TO MAKE A DIFFERENCE BY ADNOC 
1:50 PM – 2:20 PM GST	DECARBONIZE THE PLANET: CENTERING THE VOICES OF YOUTH IN CLIMATE CONVERSATIONS BY MoE 
2:30 PM – 3:50 PM GST	U-REPORT: SUPPORTING LARGE-SCALE ENGAGEMENT OF CHILDREN AND YOUNG PEOPLE IN CLIMATE POLICY AND ACTION BY UNICEF 
4:00 PM – 4:30 PM GST	BLUE CARBON HABITAT AND NATURE-BASED SOLUTIONS BY EAD YOUTH COUNCIL 

WEDNESDAY, 18 JANUARY 2023

TIME	SESSION
12:00 PM – 12:30 PM GST	EXPLORING THE LINK BETWEEN SUSTAINABILITY & DISABILITY BY ZHO 
12:40 PM – 1:10 PM GST	ABU DHABI TRANSMISSION AND DISPATCH COMPANY (TRANSCO) AS AN ENABLER OF THE ENERGY TRANSITION BY TAQA 
1:20 PM – 3:20 PM GST	YOUTH SUSTAINABILITY ACADEMY BY ZAYED SUSTAINABILITY PRIZE 
3:30 PM – 4:15 PM GST	GLOBAL SHAPERS TALK: SUSTAINABILITY BY GLOBAL SHAPERS COMMUNITY, ABU DHABI HUB 

OUT-OF-LABS

16 - 18 JANUARY 2023

University students often spend a lot of time and energy researching and developing projects as part of their academic journey. But, unfortunately, in many cases, those projects never get the chance to come to life.





Out-of-Labs at Y4S Hub is a **Youth Innovation Marketplace** that aims to showcase and support **nine innovation projects**, developed and created by **UAE-based university students**.

The showcased projects fall under one (or more) of the following pillars:





Future of Agriculture & Food

	Project 1: Soigel Recycling sugarcane waste to sustainable products solving both climate change and water scarcity
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Energy Transition and Decarbonization

	Project 2: Taqamp Creating an API that integrates with the energy retailer's channels with its clients, enabling them to give actionable recommendations that lead to more convenient energy use in alignment with the CO2 avoidance goals
	Project 3: Fuel Cell Vehicle with Solar-Water Hydrogen Generator Converting an electrical kids' vehicle to a multi-hybrid-FC vehicle that runs on water
	Project 4: Hybrid PV Piezoelectric (PV-P) Floor Surface for Outdoor/Indoor Application Designing a hybrid PV-Piezoelectric (PV-P) floor for energy harvesting in an efficient, safe and cost-effective approach
	Project 5: Self-Configured Charging of Electric Vehicles: A Concept towards Electrified Roads Developing self-configured EVs, which could extract some volts and self-charge itself while being in operation

Tech for Good

	Project 6: TypeOfMood Transform the diagnosis from clinics to naturalistic environment, using data collected from the UAE, including a fruitful diversity of ethnicities especially covering the MENA region, that is not represented in medical, behavioral AI algorithms before
	Project 6: Cellulose-based Aerogels for CO2 Capture Development of aerogels namely cellulose-graphene oxide aerogels which have shown to present good adsorption capacity at ambient conditions such atmospheric pressure and temperature of 25oC.
	Project 7: Biodegradable Cutlery From Date Palm Waste Producing biodegradable cutlery by using date palm waste (DPW) as a filler to form a biodegradable composite with polylactic acid (PLA) and achieve cost-performance balance
	Project 8: Sustainable, Natural Green Plastering Composite Material Produced from Natural Materials Reducing the organic waste produced by the industry and generate this waste into bio binders and minimize the use of hazardous construction materials

FUTURE SKILLS

16 - 18 JANUARY 2023

Our sustainability, climate, and technology landscapes are changing so rapidly that job markets are still trying to catch up. Inevitably, tomorrow's school and college graduates will be designing and filling jobs that have yet to be created.

We will be showcasing the **FutureSkills 2030 initiative** and our recently launched **Y4S SkillUp App**. Both aim to further raise sustainability awareness among our youths and to help our young people adapt to the changing demands of the world of work.

The experience will explain the **dynamics that are causing the jobs market to change over the next decade** while addressing critical questions such as:

How can young people compete with smart technologies in the workplace?

Which skills will be the most important to develop to secure success?

And what roles and sectors are likely to become the most sought-after in the future?

ECOTHON FINAL PITCH DAY

18 JANUARY 2023

The **Y4S Ecothon Innovation Challenge** is a **three-month program** that combines live training and mentoring sessions with online learning, aiming to empower the Y4S Future Sustainability Leaders (FSL) **to invent and build solutions for a sustainable energy transition**. The challenge will focus on the **UAE's key priority sectors**, which are electricity, industry, and transportation.

The **Ecothon Final Pitch Day** will take place on **January 18 at the Y4S Hub 2023**, where eight teams will pitch their innovative solutions to a panel of judges. In the end, **two teams will be selected as the innovation challenge winners**.

WEDNESDAY, 18 JANUARY 2023

🚩 Introduction

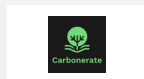
🕒 3:00 PM - 3:05 PM GST

🚩 Final Pitch Session: 5-min Presentation + 5-min Q&A per team

🕒 3:00 PM - 4:25 PM GST

Team 1: Carbonerate

3:05 PM - 3:15 PM GST



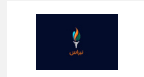
Team 2: Direct Current Air Conditioning

3:15 PM - 3:25 PM GST



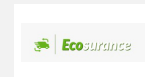
Team 3: Nibras

3:25 PM - 3:35 PM GST



Team 4: Ecosurance

3:15 PM - 3:25 PM GST



Team 5: Blockability

3:45 PM - 3:55 PM GST



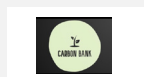
Team 6: Viridas

3:55 PM - 4:05 PM GST



Team 7: Carbon Bank

4:05 PM - 4:15 PM GST



Team 8: eBayt

4:15 PM - 4:25 PM GST



WEDNESDAY, 18 JANUARY 2023

🚩 Judge Review

🕒 4:25 PM - 4:40 PM GST

🚩 Feedback Session

🕒 4:40 PM - 4:50 PM GST

🚩 Winners Announcement

🕒 4:50 PM - 5:00 PM GST

Y4S HUB 2023 PARTNERS

An initiative by



Principal Partner

دائرة الطاقة
DEPARTMENT OF ENERGY



Strategic Partner



Strategic Partner



Strategic Partner



Strategic Partner

COP28 UAE

Opening Ceremony Partner



Efficiency Partner



FLOOR PLAN

