



WORLD FUTURE ENERGY SUMMIT

17 - 19 January 2022 | ADNEC, Abu Dhabi

Part of



ABU DHABI
SUSTAINABILITY WEEK

Hosted by



Masdar
A MUBADALA COMPANY



Accelerate your business at the **World Future Energy Summit**

Position your brand at the world's leading
event for future energy and sustainability

Organised by



Reed Exhibitions®



The World Future Energy Summit is the world's leading business event for future energy and sustainability. Every year, it brings together thousands of business and political leaders, industry specialists, academics and technology pioneers to inspire new commercial opportunities, make valuable connections, drive future investment and enable business growth.

As a global hub for business, innovation and knowledge exchange at the heart of Abu Dhabi Sustainability Week, the World Future Energy Summit is dedicated to helping you forge new relationships and source practical solutions for everything your business needs across future energy, water, waste, smart cities and climate and environment.

World Future Energy Summit 2020 in Numbers



34,000

ATTENDEES FROM

125

COUNTRIES



840

EXHIBITING COMPANIES

40

COUNTRIES



3,000

C-LEVEL
ATTENDEES



160

MINISTERS



100

INNOVATIVE
START-UPS

86%

SATISFIED WITH THEIR OVERALL PARTICIPATION

85%

CONSIDER THE EVENT IMPORTANT FOR BUSINESS

84%

WILL ATTEND NEXT YEAR'S EDITION

87%

WOULD RECOMMEND THE EVENT TO INDUSTRY COLLEAGUES

“ Overall, we have met a lot of international and local organisations, making more bonds, attending presentations with high-profile people from a number of countries, making our experience amazing.

Mohamed Al Hadrami
Senior Water Regulations Office
Abu Dhabi Department of Energy (DoE)

“ It has been fantastic for us. We have been speaking in panels, we have been doing presentations, we have engaged with lots of potential customers from government and lots of potential business partners.

Tim Wilkinson
Executive Director, Strategy & Growth
Virgin Hyperloop

Global Exhibiting Companies



COUNTRY PAVILIONS INCLUDED

	JAPAN
	CHINA
	KOREA
	INDIA
	NETHERLANDS
	FRANCE
	GERMANY
	SWITZERLAND
	NIGERIA

Product Sectors



ENERGY



WATER



EcoWASTE



SOLAR



SMART CITIES



NEW!
CLIMATE & ENVIRONMENT

89%

SATISFIED WITH THE
NETWORKING OPPORTUNITIES
AT THE EVENT

87%

SATISFIED
WITH THE
EVENT

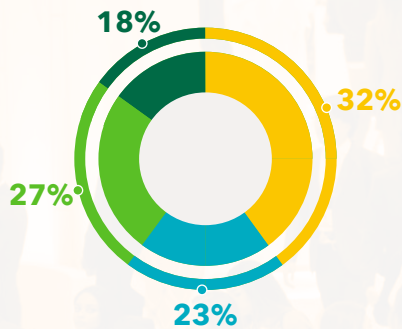
87%

WILL ATTEND
NEXT YEAR'S
EDITION

77%

CONSIDER THE
EVENT IMPORTANT FOR
THEIR BUSINESS

Buyers and Visitors Profile



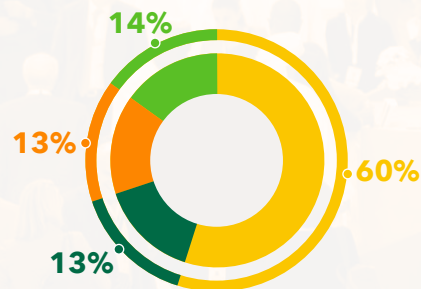
32% Department Heads, Managers, Supervisors

27% VPs, Directors, Executive Management (EVP/SVP/MD), CEOs, Chairpersons, Presidents, CFOs, COOs, CMOs

23% Engineers, Designers, Architects

18% Consultants, Analysts, Business Specialists, Technical Specialists, Project Managers

Key Company Activities



60% Engineering Companies, EPCs, Project Developers, Contractors, Consultancy

14% Utilities, Municipalities, Intra-Governmental Organisation (IGO), Regulators, Environmental Agencies

13% Technology Service Providers, Asset Management and Project Management

13% AI, IoT, Smart Technology Provider, Robotics, Architecture, Urban Planning & Design



World Future Energy Summit is an excellent event with real opportunities to meet with companies providing cutting-edge technologies. As the title claims, it gives a glimpse of the future of energy.

Operations Manager
Kanoo Co. Ltd.



A must-attend event that showcases regional efforts in sustainability and renewable energy creation as well as the presence of a respectable list of exhibitors across different sectors that brought new products and ideas for use and investment.

CEO
LHQ Holding

• Top Countries

Represented by attendees from

125 Countries

FRANCE	OMAN	SAUDI ARABIA
	UNITED STATES	
UNITED ARAB EMIRATES		
JORDAN	INDIA	CHINA
GERMANY	EGYPT	UNITED KINGDOM



The **Energy Expo & Forum** plays a pivotal role in global renewable energy development and innovation. As an annual meeting point for governments, energy companies, utilities and innovators, it puts new thinking, ideas and technologies centre stage to drive the global transition to clean energy.

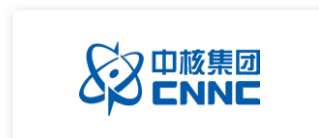
Companies Attending

- Ministries | Utilities | Municipalities | Oil & Gas | Environmental Agencies | Nuclear Agencies
- Independent Power Producers (IPPs) | Renewable Energy Developers | Consultants
- EPCs | Engineering Consultants | Contractors
- Renewable Energy Technology Providers
- Energy Service Companies
- Energy Storage Technology Providers
- Smart Grid & Technology Companies
- Banks | Financial Sector | Legal

Professionals Attending

- Analysts
- Architects
- C-Level/Chairman/VPs/MD/GM
- Construction Project Managers
- Consultants
- Department Heads/Senior Managers
- Engineers
- Project Developers
- Strategic Planners

Key Exhibitors Included





56
SPEAKERS

24
SESSIONS

The **Energy Forum** is a knowledge exchange platform where industry leaders gather to discuss the challenges, technologies and initiatives that are driving renewable energy development in the region. The forum content is focused on:

- Regional renewable energy **government plans** and targets
- **Green hydrogen Virtual Power Plants (VPPs)**
- Renewables for **grid stability**
- **Digitisation** for the energy transition
- **Blockchain** in energy trading and storage management
- The role of **nuclear** in the future energy mix
- Leveraging **AI** for clean energy
- **Project financing**
- **Energy storage** technologies

Speakers



H.E. Mohammed bin Jarsh Al Falasi
Undersecretary
Abu Dhabi Department of Energy



Eng. Ahmed Ali Al-Ebrahim
CEO
GCC Interconnection Authority



James Momoh
Chairman
Nigeria Electricity Regulatory Commission



Li Qingtang
Vice President
China National Nuclear Corporation



Bruce Stedall
Managing Director
Transco



Dan Shugar
CEO
NEXTracker, Inc.



Adel Al Saeedi
Director of the Privatisation Directorate
Emirates Water & Electricity Company



Carlos Gasco
Executive Director Energy Policy
Abu Dhabi Department of Energy



Bruce Smith
Director of Forecasting & Planning
Emirates Water & Electricity Company



Khaled Ballaith
Director, Energy Services
Masdar, UAE



The **Water Expo & Forum** advances the sustainable production, treatment, supply and reuse of water in arid regions. The event facilitates partnerships between the public and private sectors to enable innovation and sustainability in water projects across the region.

Companies Attending

- Consultancies
- Engineering Companies
- Utilities
- Technology & Service Providers
- Industrial Water Users
- Engineering Procurement & Construction (EPC)
- Contractors
- Universities
- Non-Governmental Organisations (NGO/IGO)
- Oil & Gas

Professionals Attending

- Engineers
- Managers/Supervisors
- Senior Managers/Department Heads
- Academics
- VPs/Directors
- CEOs/Presidents/Chairpersons
- Technical/Business Specialists
- Consultants
- Associates/Executives
- Executive Managements (EVP/SVP/MD)

Key Exhibitors Included





56
SPEAKERS

24
SESSIONS

The **Water Forum** is the knowledge exchange platform where industry leaders gather to discuss the challenges, possible paths and technology requirements to achieve water security. The forum programme includes expert-led sessions by industry specialists. The forum content focuses on:

- **GCC water security** priorities
- Solar desalination integrated in **smart grids** and **demand management**
- **Water in the Digital Age**
- Holistic approaches to **efficient water management**
- GCC water and wastewater **projects insight**
- **Rethinking brine discharge** from regional desalination
- Maximising **water reuse** in the region
- **Funding** future water projects
- **Lifecycle asset management:** How O&M strategies can improve operational efficiency
- Innovations in agriculture to **reduce water use**

Speakers



Eng. Fatima AlFoora AlShamsi
Assistant Undersecretary for Electricity, Water & Future Energy Affairs
Ministry of Energy & Industry, UAE



Dr. Mansour A. Aldajani
Advisor
Governor Electricity & Cogeneration Regulatory Authority, KSA



Dr. Abdulrahman Al Shehri
General Manager Smart Operations
National Water Company, KSA



Mohammed Alhuraimel Alshamsi
Director Utilities Investments
Mubadala



Khadija Bin Braiki
Director of Water Pricing & Tariffs
Department of Energy Abu Dhabi



Eng. Asam Al Mulla
Director of Water
Department
Sharjah Electricity & Water Authority



Eng. Aisha Saeed Alshehhi
Director Water Production - Supply Directorate
Federal Electricity & Water Authority, UAE



Eng. Faisal Ali Rashid
Director, Demand Side Management
Supreme Council of Energy, Dubai



Martin Stahl
Infrastructure Director
Red Sea Development Company, KSA



Mohammad El Ramahi
Director, Asset Management & Technical Services
Masdar



The **EcoWASTE Exhibition and Forum** is at the forefront of the circular economy conversation in the MENA region. The event drives the region's waste and recycling industries, by facilitating business opportunities and enabling innovative approaches to sustainable waste management.

Companies Attending

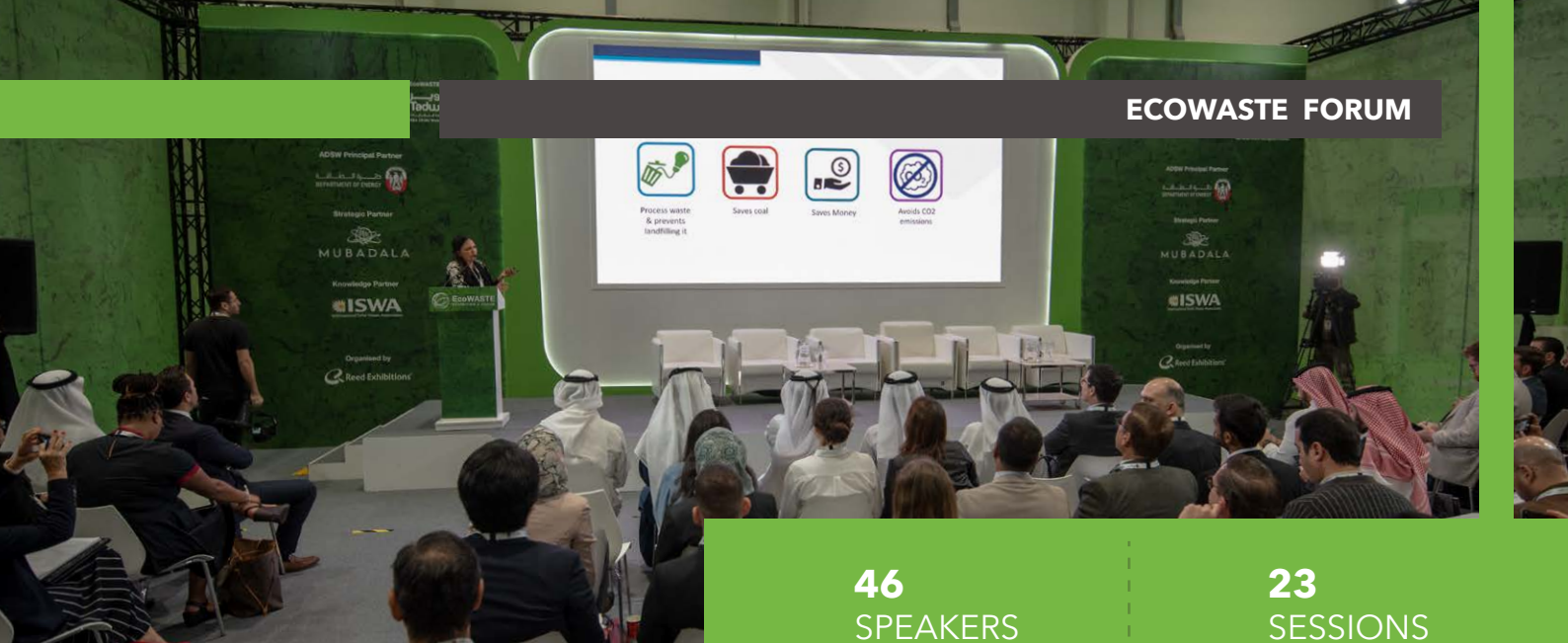
- Consultancy
- Environment Agencies/Health & Safety Authorities
- Environmental Services
- Facility Management
- Hospitality
- Municipalities
- Oil Companies, Refineries
- Waste Collection Companies
- Waste Management/Recycling

Professionals Attending

- Associate/Executive
- CEO/President/Chairperson
- Consultant
- Engineer
- Executive Management (EVP/SVP/MD)
- Manager/Supervisor
- Owner/Partner/Proprietor
- Senior Manager/Department Head
- Technical/Business Specialist
- VP/Directors

Key Exhibitors Included





46
SPEAKERS

23
SESSIONS

The **EcoWASTE Forum** focuses on improving solid waste management, increasing recycling and discusses how the region can reduce its plastic and food waste. The forum is designed for senior-level executives in municipalities and government, consultancies, developers and manufacturers, and aims to offer practical solutions and ideas to reduce and better dispose of waste across the region. The forum content focuses on:

- Rethinking waste management for **landfill diversion**
- **Investment opportunities** in the waste sector
- **Energy from waste** as part of an integrated waste management strategy
- How **removing single-use plastics** would change waste management
- **AI** in waste management
- **Construction & demolition waste** recycling in the circular driven economy
- The **circular economy** - its role in sustainable waste management
- Finding **value** in waste re-use and recycling

Speakers



H.E. Dr Salem Khalfan Al Kaabi
Director General
Abu Dhabi Waste Management Center - Tadweer



Eng. Yousif Alahmed Al Rayssi
Director, Municipal Affairs Department
Ministry of Climate Change & Environment, UAE



Ibrahim Abdulmajid Al Ali
Projects & Facilities Department Director
Abu Dhabi Waste Management Center - Tadweer



Eng. Salem Al Breiki
Director of Environment Quality Policy & Regulations Division
Environment Agency, Abu Dhabi



Antonis Mavropoulos
Founder & CEO of D-Waste & President International Solid Waste Association



Rafael Sanjurjo Lopez
Managing Director, Public Cleansing & Waste Collection - Tandeef Bee'ah



Abdul Mohsin Mubarak Al Katheeri
Head of Investors Support Working Group
Abu Dhabi Waste Management Center - Tadweer



Majed Saeed Al Marzouqi
Recycling Facilities Section Head
Abu Dhabi Waste Management Center - Tadweer



Eng. Mohamed Saeed Al Dehhi
Collection & Transportation Projects Section Head
Abu Dhabi Waste Management Center - Tadweer



Priya Sarma
Senior Sustainability Manager
Unilever



The **Solar Expo & Forum** showcases the latest trends, deals, innovations and opportunities in solar PV, solar thermal and energy storage. Bringing the world's engineering companies, technology providers and pioneering financiers together with the region's utilities and governments, it is MENA's leading solar marketplace.

Companies Attending

- Ministries | Utilities | Municipalities | Commercial & Industrial Solar End Users
- Independent Power Producers (IPPs) | Renewable Energy Developers | Consultants
- EPCs | Engineering Consultants | Contractors
- Renewable Energy Technology Providers
- Energy Service Companies
- Energy Storage Technology Providers
- Smart Grid & Technology Companies
- Banks | Financial Sector | Legal

Professionals Attending

- Engineers
- Construction Project Managers
- Operations Managers
- Consultants
- Academics
- Procurement Managers
- Head of Department/Senior Managers
- Project Directors
- C-Level/Chairman/VPs/MD/GM

Key Exhibitors Included

BELECTRIC[®]
gulf

Fronius

HUAWEI

IDEEMATEC

Ingeteam

Jinko Solar

LONGI

Narada

NEXTracker
A Flex Company

NGK

एनटीपीसी
NTPC

SKYPOWER
GLOBAL
GENERATING A BRIGHTER FUTURE

Soltec

STUDER

SUNGROW

vikramsolar
CREATING CLIMATE FOR CHANGE



90
SPEAKERS

30
SESSIONS

The **Solar Forum** discusses the latest challenges, technologies and initiatives that are impacting solar energy uptake across the region. The forum content focuses on:

- Government solar development **project plans** in the region
- **Virtual Power Plants (VPPs)**
- Solar energy for **grid stability**
- **Blockchain** in energy trading and storage management
- Leveraging **AI** for clean energy
- **Green hydrogen**
- **Project financing**
- **Open Solar Contracts**
- **Mitigating PV** performance **degradation**

Speakers



H.E. Mohammed bin Jarsh Al Falasi
Undersecretary
Department of Energy,
Abu Dhabi, UAE



Eng. Ahmed Ali Al-Ebrahim
CEO
GCC Interconnection
Authority



James Momoh
Chairman
Nigeria Electricity Regulatory
Commission



Li Qingtang
Vice President
China National Nuclear
Corporation



Bruce Stedall
Managing Director
Transco



Dan Shugar
CEO
NEXTracker, Inc.



Adel Al Saeedi
Director of the Privatisation
Directorate
Emirates Water & Electricity
Company



Carlos Gasco
Executive Director Energy
Policy
Abu Dhabi Department of
Energy



Bruce Smith
Director of Forecasting &
Planning
Emirates Water & Electricity
Company



Khaled Ballaith
Director, Energy Services
Masdar, UAE



The **Smart Cities Expo & Forum** is where the city of the future comes to life, bringing forward-thinking governments and municipalities together with pioneers in smart infrastructure and future transportation to develop the potential of connected communities - from sustainable planning to smart mobility.

Companies Attending

- Architects
- Banks
- Building Owners
- City Planners
- Commercial & Industrial
- Consultants
- Contractors
- Developers
- Engineering
- EPCs
- Financial Sector
- FM & Asset Management
- Hospitality
- Hospitals
- Infrastructure Developers
- Legal
- Malls
- Ministries
- Municipalities
- Police Forces
- Real Estate
- Smart Government Departments
- Transport Agencies

Professionals Attending

- Academics
- Architects
- Buildings Management/Operations
- C-Level /Chairperson/VPs/MD/GM
- Construction Project Managers
- Consultants
- Engineers
- IT & IT Security
- Police & Security Services
- Transport Planners/Managers

Key Exhibitors Included



Abu Dhabi Motors

CATEC
كوبكارت للتقنيات
CUBIC ART TECHNOLOGIES

CIRC

Virgin
hyperloop one



TESLA

ENGIE

Clean
Energy
Business
Council
مجلس
صناعات
الطاقة
النظيفة
Middle East & North Africa
المنطقة الشرق الأوسط وشمال أفريقيا



بلدية رأس الخيمة
reem



Emirates GBC
مجلس الإمارات للبناء الأخضر
Emirates Green Building Council

METRON
Energy Intelligence for Industries

PIXCOM
Mission Critical Solutions

• Abdullah Al Hashmi, Trainee Diplomat, Emirates Diplomatic Academy

Panellists:

• Daniel Render, Director of Sustainability, Expo2020

Sh
Exp

SMART CITIES FORUM

• Yasmin Baker, Assistant Manager Grant Management - Expo Live, Expo2020

• Michiel Raaphorst, Founding Partner and Architect-Director, V8 Architects

• Oliver Kraft, Executive Director, Expo 2020 Dubai, Siemens



73
SPEAKERS

27
SESSIONS

The **Smart Cities Forum** brings together industry leaders to discuss the challenges, technology and initiatives that are driving urban development in the region. The forum content focuses on:

- Regional smart cities **government plans** and initiatives
- **5G** and connected smart cities
- **Cyber safety** for smart cities
- **IoT**, people and data in the urban environment
- **Leveraging AI** in urban development
- **Building retrofitting programmes** for sustainable cities
- The future of **smart health**
- Energy and water **efficient architecture**
- **3D printing** and sustainability
- **Smart mobility**

Speakers



H.E. Hessa bint Essa Buhumaid
Minister
Ministry of Community Development, UAE



Eng. Anwaar Al Shimhari
Director - Design Department,
Chief Innovation Officer
Ministry of Infrastructure Development



Shaun Vorster
Vice President, Programming
Expo2020



Abdulla Balalaa
Director Sustainable
Real Estate
Masdar



Khawla Abdulla Al Fahim
Director - SDI Department
Abu Dhabi Digital Authority



Andrea Di Gregorio
Director of Energy Efficiency
& Renewables Office
RAK Municipality



Dr. Ammar Alanazi
Director of the National Center
for Artificial Intelligence & Big
Data Technology
King Abdulaziz City for Science
& Technology



Majd Coussa
Director, Energy & Utilities
Sector
Etisalat



Vilhelm Hedberg
CEO
ekar



Oliver Kraft
Executive Director, Expo
2020 Dubai
Siemens

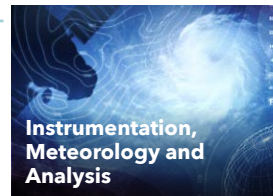
The **Climate and Environment Expo & Forum** will convene thought leaders, technologists, policymakers, researchers and innovators who are developing new frameworks for climate change adaptation around the world. The event will showcase the latest advancements, fresh perspectives and best practices to accelerate local and global climate resilience.

Expo Sectors



Air Quality and Pollution

- Volatile Organic Compounds (VOC) Treatment
- Emission monitoring (CO₂, greenhouse gases)
- Carbon neutral, carbon offset, zero carbon
- Carbon capture and storage
- Particle treatment and dust removal
- Air pollution treatment and control agents



Instrumentation, Meteorology and Analysis

- Forecast, prediction and analysing tools
- Air quality monitoring and alert
- Pre and post assessments
- Measurement and Monitoring
- Research Institutes, Laboratories



Polluted Sites and Soils

- Site remediation and soil cleanup products
- Consulting and engineering services
- Sampling, analysis and treatment services



Food & Agriculture

- Dryland farming solutions
- Drought-resistant seeds
- Aeroponics
- Hydroponics
- Rooftop greenhouses
- Urban agriculture/city farms
- Growing systems
- Regenerative agriculture



Biodiversity & Ecosystem Preservation

- Eco-Engineering
- Equipment, hardware and products
- Services, studies and consultancy
- Oceans and coastlines
- Coastal and mangrove protection



Resilient Infrastructure

- Public assets and network adaptation
- Urban furniture, lighting, asphalt
- Sustainable construction
- Consulting and engineering services



Risk Management and Emergency Response

- Risk forecast, prevention and solutions
- Disaster Response and Recovery
- Emergency preparedness technologies & systems
- Weather Alert Systems
- Interoperable communication systems
- Apps and wireless broadcasting

Forum Topics

- Carbon offset and capture
- Air pollution
- Climate change
- Climate adaptation and resilience

ABU DHABI SUSTAINABILITY WEEK OPENING CEREMONY



The Abu Dhabi Sustainability Week Opening Ceremony brings the world's sustainability community together and sets the agenda for the discussions and debate at Abu Dhabi Sustainability Week.

This prestigious event is attended by 4,000 global delegates, from world leaders and senior policymakers to business leaders, scientists and academics.



Over the last decade, Abu Dhabi Sustainability Week has emerged as a global destination for sustainability, inspired by the legacy of our founding father, Sheikh Zayed, who was a committed humanitarian and a devoted advocate for sustainable development

H.E. Dr. Sultan Al Jaber

UAE Minister of State, Chairman of Masdar and CEO of ADNOC



Future Sustainability Summit



Fighting climate change is one of the most complex and urgent challenges of our time. The Future Sustainability Summit, part of Abu Dhabi Sustainability Week, is a global action-oriented initiative with the ultimate goal of accelerating the transition to a sustainable society by connecting government, investment and business leaders from across various sectors.

The Future Sustainability Summit is the main platform for government and business leaders to meet, debate and broadcast around the world through leading regional and international media.



H.E. Dr. Sultan Al Jaber
UAE Minister of State, CEO of
ADNOC and Chairman of Masdar



H.E. Paul Kagame
President of Rwanda



H.E. Armen Sarkissian
President, Republic of Armenia



H.E. Julius Maada Bio
President, Sierra Leone



**H.R.H. Prince Abdulaziz bin
Salman Al-Saud**
Minister of Energy, Saudi Arabia



H.E. Dr. Abdul Hussain Ali Mirza
President, Sustainable Energy
Authority



H.E. Dr. Nawal Al Hosany
Permanent Representative for
the UAE, IRENA



H.E. Wilfred Arthur Abrahams
Minister of Energy & Water
Resources, Barbados



H.E. Khaldoon Khalifa Al Mubarak
Managing Director and Group Chief
Executive Officer, Mubadala
Investment Company, UAE



H.E. Sarah bint Yousif Al Amiri
Minister of State for Advanced
Sciences in the United Arab
Emirates Cabinet



H.E. Mariam Al-Muhairi
Minister of State for Food Security,
UAE



**H.E. Eng. Awaidha Murshed
Al Marar**
Chairman, Department of Energy,
Abu Dhabi, UAE

CLIX - the Climate Innovations Exchange, supports the UAE's Ministry of Climate Change and Environment strategy to enable the sourcing and funding of climate change solutions and technologies. CLIX is a unique marketplace and connecting global start-ups with investors to accelerate sustainable innovation.

CLIX 2020 Reach



1,400

Start-up Applications Received



600

Shortlisted Applicants



128

Countries Applied



41

Finalist Featured at CLIX

CLIX 2020 Speakers

CLIX 2020 offers a dynamic platform to share thought-provoking and inspiring ideas. Speakers from companies, local government entities and industry experts share their insights and highlight trends within their distinguished industries.



UAE New Space Innovation Program Panel Discussion



Iganacio Ramirez, MD of MENA at Winnow



Jeffrey Beyer, Principal Consultant at Carbon Limiting Technologies



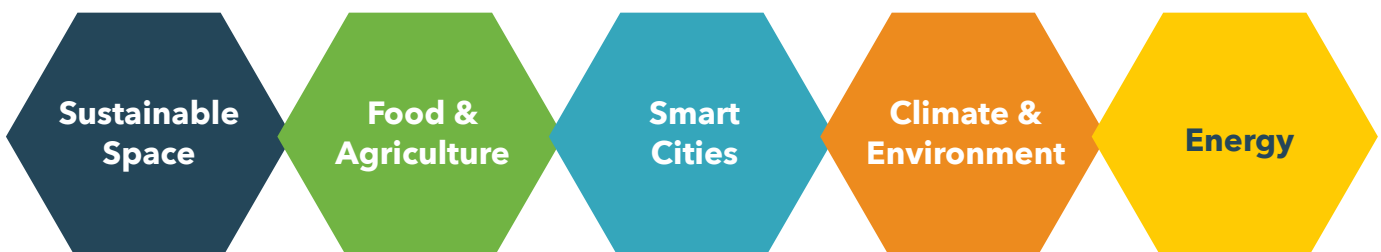
Vilhelm Hedberg, CEO at eKar

CLIX 2020 Investor Panel

The investor panel is made up of local and international investors who judge the start-up pitches in order to pledge funding to any of the innovations. The judges are also able to share their insights and guidance with the participating start-ups, something which has historically led to offers of investment being made to past winners.



CLIX Categories



A WORLD OF NETWORKING OPPORTUNITIES

OUR PARTNERS AND SPONSORS

Hosted by



ADSW Principal Partner



ADSW Strategic Partner



Strategic Partner



CLIX Hosted by



Water Expo & Forum Strategic Partner



EcoWASTE Exhibition & Forum Strategic Partner



Business Partner



Energy Expo Partner



Efficiency Partner



Energy Partner



Sustainable Finance Partner



CLIX Strategic Partner - Space



Energy Forum Principal Partner



Official Carbon Offset Partner



Supported by



Official Airline Partner



Energy Forum Associate Partners



Sustainable Bottle Sponsor



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Put your business at the forefront of the world's leading future energy and sustainability event

Rajveer Singh

Head of Sales

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