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Accelerating Sustainable Development

15 - 19 January 2022

Hosted by



# ABU DHABI SUSTAINABILITY WEEK



Abu Dhabi Sustainability Week (ADSW) is a global platform for accelerating the world's sustainable development.

Since its inception in 2008, ADSW has focused on delivering action across three principles; Global Collaboration & Leadership, Economic Development, and Technology & Innovation.

The platform brings together a unique fusion of policy makers, industry specialists, technology pioneers and the next generation of sustainability leaders.

Working with its public and private partners, ADSW and its host Masdar welcomes stakeholders across a series of events that includes the IRENA Assembly, Atlantic Council Global Energy Forum, ADSW Summit, World Future Energy Summit, Abu Dhabi Sustainable Finance Forum, Zayed Sustainability Prize Awards Ceremony, WiSER Forum, Youth 4 Sustainability and Innovate.



## OUR VISION

To accelerate the transition towards a more sustainable world through action while strengthening the UAE's position as the global leader in sustainable development.



## OUR PURPOSE

ADSW is committed to accelerating the world's sustainable development. To achieve this goal, ADSW focuses its program on delivering action across three principles; Global Collaboration & Leadership, Economic Development, and Technology & Innovation.

## HOST COMPANY

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Established in 2006, Masdar, Abu Dhabi Future Energy Company, is a global leader in renewable energy and sustainable urban development. Masdar means “source” in Arabic.

The company’s mandate is to help maintain the leadership of the United Arab Emirates (UAE) in the global energy sector, while supporting the diversification of both its economy and energy sources for the benefit of future generations.

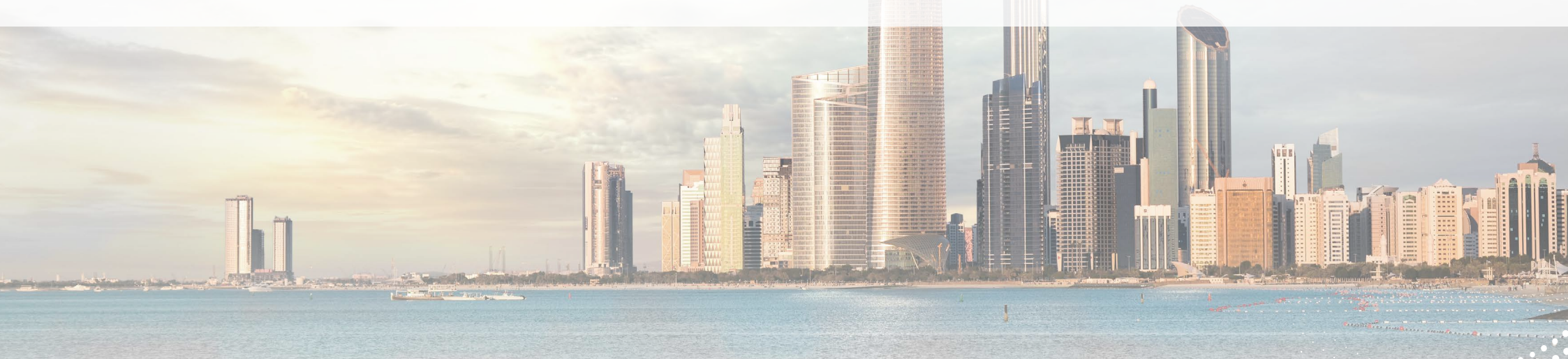
## HOST COUNTRY

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Abu Dhabi is the largest and most populated of the seven emirates that make up the United Arab Emirates, home to over 80% of its landmass. The emirate’s population is approximately 3 million. Across the UAE, Emirati citizens make up nearly 20% of the total population, with the other 80% being expatriates from Asia, Africa, Australia, Europe and North America.

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**Abu Dhabi recognized as one of the safest cities on earth, Abu Dhabi’s virtually crime-free environment and well-organized emergency services will bring you peace of mind and a relaxing stay.**




# KEY EVENTS AT ADSW

 **IRENA** International Renewable Energy Agency (IRENA) Assembly


Online **15 - 16 January 2022**

 **Atlantic Council** Atlantic Council Forums


Online **18 - 19 January 2022**

 **ABU DHABI SUSTAINABILITY WEEK** The ADSW Opening Ceremony


Expo 2020 Dubai and Online **17 January 2022**

 **ZAYED SUSTAINABILITY PRIZE** Zayed Sustainability Prize Awards Ceremony


Expo 2020 Dubai and Online **17 January 2022**

 **ADSW SUMMIT** ADSW Summit


Online **17 January 2022**

 **WORLD FUTURE ENERGY SUMMIT** WFES Expos, Forums and Initiatives


ADNEC **17 - 19 January 2022**

 **YOUTH 4 SUSTAINABILITY** Youth 4 Sustainability Hub

ADNEC and online **17 - 19 January 2022**

 **INNOVATE** A MASDAR CITY INITIATIVE Innovate

ADNEC and Online **17 - 19 January 2022**

 **WOMEN IN SUSTAINABILITY, ENVIRONMENT AND RENEWABLE ENERGY WISER** Women in Sustainability, Environment and Renewable Energy (WiSER) Forum

Online **18 January 2022**

**ABU DHABI SUSTAINABLE FINANCE FORUM** Abu Dhabi Sustainable Finance Forum

Online **19 January 2022**





## IRENA ASSEMBLY

Saturday 15 - Sunday 16 January

The Assembly is the supreme decision-making body of the International Renewable Energy Agency (IRENA) and brings together heads of state, ministers, government officials and representatives from the private sector, civil society and other international organizations to reaffirm the global renewable energy agenda and make concrete steps to accelerate the global energy transition.

IRENA, which is headquartered in Abu Dhabi and has more than 170 member states, uses its decision-making authority to agree its objectives and discuss how renewable energy can alleviate climate change and increase sustainability.



## ATLANTIC COUNCIL FORUMS

Tuesday 18 - Wednesday 19 January

The Atlantic Council will convene several high-level virtual Global Energy Forum programs during Abu Dhabi Sustainability Week (ADSW) to complement ADSW's critical mission of accelerating global climate action. The virtual sessions will feature Ministerial keynotes and high-level discussions on pathways to net zero, hydrogen deployment, and major energy trends and developments to watch for in 2022 as well as key takeaways from GEC's flagship publication—the Global Energy Agenda.





## OPENING CEREMONY

Monday 17 January

The ADSW Opening Ceremony and the Zayed Sustainability Prize awards ceremony will take place at Expo 2020 Dubai.

Bringing ADSW's platforms to Expo 2020 will further highlight the UAE's role in driving action on climate change locally, in the region and globally.

The events will bring together more than 600 VIPs from around the world, including heads of state, government ministers, industry leaders and country ambassadors.



## ZAYED SUSTAINABILITY AWARD CEREMONY

Monday 17 January

Established in 2008, the Zayed Sustainability Prize is a tribute to the legacy of the founding father of the UAE, the late Sheikh Zayed bin Sultan Al Nahyan; a pioneering champion of global sustainability and humanitarianism. The Prize recognizes and rewards organizations and high schools that can demonstrate impactful, innovative and inspiring sustainability solutions. The five award categories are: Health, Food, Energy, Water and Global High Schools.

Over the past 13 years, the Prize has directly and indirectly impacted over 352 million lives and, together with its 86 winners, driven the adoption of sustainable solutions and technologies for people across the globe. The annual awards ceremony is held each January during Abu Dhabi Sustainability Week.





## ADSW SUMMIT

Monday 17 January

As the anchor event of Abu Dhabi Sustainability Week, the ADSW Summit will provide a platform for global leaders to discuss the latest trends shaping the world's sustainability agenda.

The ADSW Summit will bring together heads of state, senior policymakers, CEOs, entrepreneurs and members of academia to identify pathways to accelerate global leadership, economic development and the implementation of the technologies and innovations needed to deliver the world's climate and sustainability goals.

To reflect the principles of ADSW, the Summit will focus on Global Collaboration & Leadership, Economic Development, and Technology & Innovation.



## WFES EXHIBITION AND FORUMS

Monday 17 - Wednesday 19 January

The World Future Energy Summit (WFES) is a global industry platform connecting business and innovation in energy, clean technology and efficiency for a sustainable future.

The WFES exhibition brings together more than 840 international exhibitors from over 40 countries to showcase the latest solutions in clean energy, water, waste management, mobility, smart city, and climate change.

WFES also hosts a range of Industry Forums during the exhibition to catalyze dialogue around the key challenges and trends shaping the world's sustainable development.







## YOUTH 4 SUSTAINABILITY HUB

Monday 17 - Wednesday 19 January

Held under the patronage of HH Sheikh Khalid bin Mohamed bin Zayed Al Nahyan, the Youth 4 Sustainability (Y4S) initiative provides opportunities that enable young people to become active leaders in the world's transition to a more sustainable future. It consists of two pillar programs: the Sustainability Ambassadors (SA) and the Future Sustainability Leaders (FSL). Mentorship, engagement opportunities and educational programs are developed for students and young professionals to strengthen the talent pipeline of the world's sustainability leaders.

At ADSW, Y4S is represented by an interactive hub that attracts around 3,000 students throughout the week.



## INNOVATE

Monday 17 - Wednesday 19 January

Innovate is a global Masdar City initiative that provides a platform for innovation-focused companies to showcase their technologies to international investors.

With a focus on the key areas of urban mobility, clean energy, agritech and food security, and artificial intelligence, the Innovate initiative grants companies exclusive access to the dynamic Abu Dhabi technology ecosystem.

As part of its year-long program, Innovate will kick off with physical and virtual activations at Abu Dhabi Sustainability Week, one of the world's largest sustainability gatherings of its kind. Innovate activities will include an exhibition hub to showcase groundbreaking technologies and facilitate networking opportunities with potential investors; a virtual forum to drive discussion; and a dedicated content hub on the Masdar City website







## WOMEN IN SUSTAINABILITY, ENVIRONMENT AND RENEWABLE ENERGY (WISER)

Tuesday 18 January

The WiSER annual Forum is the flagship event of the WiSER platform. Taking place annually at Abu Dhabi Sustainability Week, one of the world's leading platforms for accelerating sustainable development, the WiSER annual Forum invites policymakers, industry leaders and other influential figures from around the world to discuss relevant topics related to sustainability in the context of gender equality.

The Forum aims to promote new thinking, viable solutions and lasting collaboration to empower present and future generations of female sustainability leaders. As part of the outcomes of the annual Forum, a whitepaper is produced, which completes a deep dive on a challenge related to inclusion and diversity in sustainability.

WOMEN IN SUSTAINABILITY,  
ENVIRONMENT AND  
RENEWABLE ENERGY



## ABU DHABI SUSTAINABLE FINANCE FORUM

Monday 17 - Wednesday 19 January

Hosted by Abu Dhabi Global Market, the Abu Dhabi Sustainable Finance Forum (ADSFF) provides a platform to promote sustainable finance and investments for fostering positive, economic, social and environmental impacts.

ADSFF attracts more than 200 global leaders and speakers and aims to encourage up-front dialogue among global industry leaders and decision-makers from the global sustainability and financial community.

ABU DHABI SUSTAINABLE  
FINANCE FORUM

# ADSW IN NUMBERS



**2008**

The year Abu Dhabi first hosted a global sustainability event

**10** major events and initiatives take place during ADSW

**50+** the number of **heads of state, members of royalty, and prime ministers** ADSW has welcomed since 2008

**45,000**



the number **who attend ADSW** each year



**500+**

speakers who participant in ADSW across its events



**850+**

exhibiting companies each year



**500+**

number of media registration received each year

**4,000**

global delegates attended the Opening Ceremony of ADSW in 2020



**175**

countries represented at ADSW

**1,000**

global delegates, government ministers and policy makers attend the IRENA Assembly each year

The **Zayed Sustainability Prize** has positively impacted over **352 million** people throughout the world

**46** public and private entities who have signed the Abu Dhabi Sustainable Finance Declaration - first launched at ADSW in 2019

The **Atlantic Council Global Energy** Forum joined ADSW in 2017

 **3,000+**  
students attend ADSW each year to learn about sustainability

**11** country pavilions will exhibit at the World Future Energy Summit in 2022. **China, India, Japan, South Korea, Germany, France, Italy, Netherlands, Austria, Switzerland** and **Nigeria**

**New to ADSW 2022** - Innovate is a global Masdar City initiative that provides a platform for innovation-focused companies to showcase their technologies to international investors. Innovate focuses on the key areas of urban mobility, **clean energy, agritech and food security**, and **artificial intelligence**

The UAE was the **1<sup>st</sup> country** in the region to **sign and ratify the Paris Agreement**

The UAE has launched its **Net Zero by 2050** initiative to drive net-zero emissions, making the **Emirates the first MENA nation** to do so.

**50GWs by 2030**



ADSW is hosted by Masdar, a global clean energy powerhouse which aims to deploy 50GWs of clean energy projects by 2030



Clean energy will contribute 50% of the UAE energy needs by 2050

The UAE government aims to invest **AED 600 billion by 2050** to meet the growing energy demand



Abu Dhabi will host **COP28 in 2023** welcoming global leaders from around the world

**US\$1.28 billion**

invested by the Abu Dhabi Fund for Development in global renewable energy projects across 65 countries

# ABOUT MASDAR

Masdar, Abu Dhabi's renewable energy company, is at the forefront of the development and deployment of clean technologies across utility-scale plants, off-grid projects and sustainable urban development. Our mission is to help maintain the UAE's leadership in the global energy sector, while supporting the diversification of both its economy and energy sources for the benefit of future generations.

Since its inception in 2006, Masdar has established itself as a global leader in the renewable sector, investing in projects valued at more than US\$20 billion globally. Combined, these projects have a gross capacity of almost 14 gigawatts (GW), and displace up to 19.5 million tonnes of carbon dioxide emissions per year.

## US\$20B

Investing in renewable energy projects valued at over US\$20 billion globally

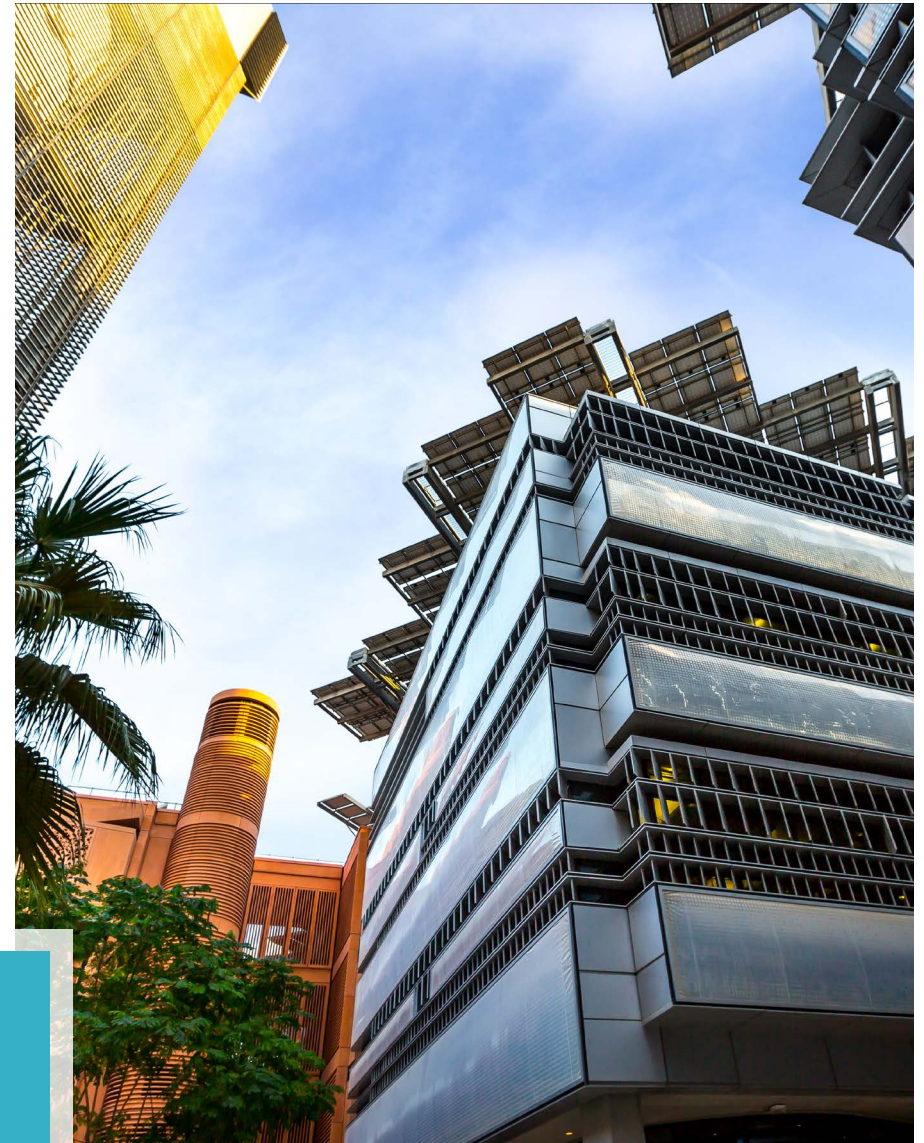
## 14GW

Developing a gross capacity of almost 14 gigawatts (GW) of renewable energy

## 19.5M

Displacing up to 19.5 million tonnes of carbon dioxide emissions per year (gross)

As an industry pioneer, Masdar is always pushing the boundaries to find and implement solutions that mitigate the impact of climate change and enable energy access.





# ENERGY LEADERSHIP

Masdar has over 15 years of experience developing renewable energy solutions that are helping to advance the industry in the Middle East and North Africa (MENA) region, as well as international markets.

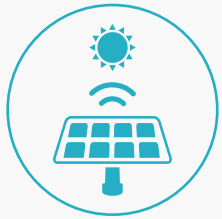
Whether providing a greenprint for sustainable cities, providing clean and renewable energy, helping to educate future energy leaders, or demonstrating the commercial viability of clean technologies, Masdar is working to find solutions to the world's most pressing sustainability challenges.

Masdar's energy leadership is having an impact in the UAE, the MENA region and around the world. At Masdar, we are:

- Providing clean energy and reinforcing energy security while offsetting carbon emissions and diesel use
- Creating a city that offers a visionary 'greenprint' for sustainable urban development
- Nurturing the UAE's future energy leaders in technological innovation, while helping to shape tomorrow's sustainability agenda



# FOUR PILLARS OF MASDAR



## Developing renewable energy

As a renewable energy developer, Masdar is building and investing in some of the world's biggest and most iconic clean energy projects. Masdar also delivers specialized small-and medium-sized renewable energy applications, and operates projects in areas presenting unique energy and technology challenges, while also providing operations and maintenance services.

Masdar has utility-scale and off-grid projects in 40 countries.



## Technology and Innovation Hub

Masdar City is a dynamic world-class business hub that brings together education, R&D, technology, and innovation to form a unique ecosystem that is facilitating a new way of living for a more sustainable future for all. A low-carbon development, it is a rapidly growing clean-tech cluster, business free zone with over 1,000 businesses and residential neighbourhood – with shops, restaurants and green open spaces. Masdar City is also home to the headquarters of the International Renewable Energy Agency (IRENA).



## Clean-Tech Innovation

Masdar is advancing clean-tech innovation by deploying the latest technologies at scale. Projects include:

### **Waste-to-Energy:**

Developing the first commercial waste-to-energy project in the UAE;

**Hywind Scotland:** The world's first floating offshore wind farm;

**Cirata:** Indonesia's first floating solar photovoltaic project;

**Shams 1:** One of the world's largest concentrated solar power plants.

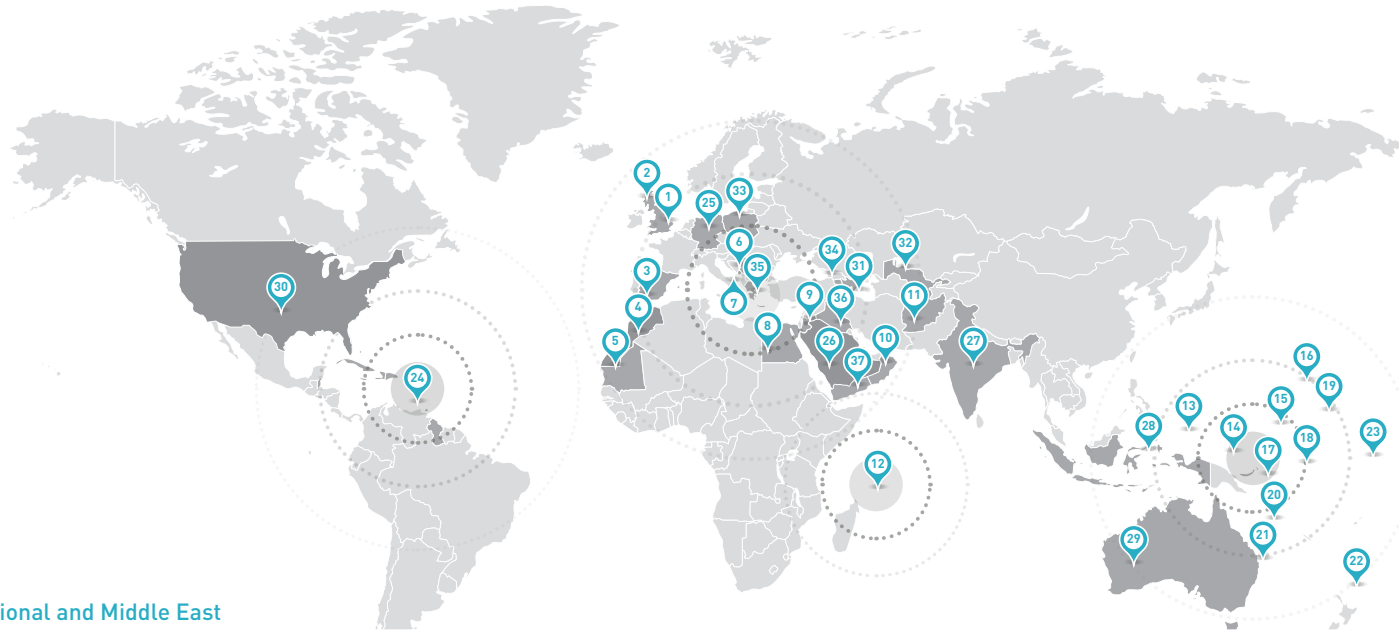


## Delivering industry and knowledge platforms

As an industry leader, Masdar is committed to advancing the global dialogue on sustainability while accelerating the adoption of renewable energy and clean technologies.

As part of its industry and knowledge platforms, Masdar hosts Abu Dhabi Sustainability Week, one of the world's largest sustainability gatherings, which convenes policymakers, industry specialists, technology pioneers, and local community members to explore solutions to the world's most pressing sustainability challenges.

# MASDAR'S INTERNATIONAL PROJECTS



## International and Middle East

- |   |  |  |  |   |
|---|--|--|--|---|
| 1. <b>ENGLAND, UK</b><br>London Array<br>Dudgeon Offshore Wind Farm                           | 8. <b>EGYPT</b><br>PV Plants and Solar Home Systems<br>Infinity Power PV Plant             | 16. <b>NAURU</b><br>Nauru Solar Plant  | 25. <b>GERMANY</b><br>Solar Energy Plant   | 31. <b>AZERBAIJAN</b><br>Area 60 Solar PV Plant   |
| 2. <b>SCOTLAND, UK</b><br>Hywind Scotland Floating Wind Farm<br>Batwind Energy Storage System | 9. <b>JORDAN</b><br>Tafila Onshore Wind Farm,<br>Baynouna Solar Plant                      | 17. <b>HONIARA</b><br>Solomon Islands Solar Plant                            | 26. <b>SAUDI ARABIA</b><br>Dumat Al Jandal Wind Farm<br>Jeddah Solar PV IPP  | 32. <b>UZBEKISTAN</b><br>Zarafshan Wind Farm<br>Nur Navoi Solar Plant<br>Samarkand PV<br>Jizzakh PV |
| 3. <b>SPAIN</b><br>Gemasolar<br>Valle 1 & 2   | 10. <b>OMAN</b><br>Dhofar Onshore Wind Power Project                                       | 18. <b>VANUATU</b><br>Vanuatu Solar Plant                                    | 27. <b>INDIA</b><br>Hero Future Energies   | 33. <b>POLAND</b><br>Mlawa and Grajewo Wind Farms   |
| 4. <b>MOROCCO</b><br>Solar Home Systems<br>Noor Midelt Phase 1 Project                        | 11. <b>AFGHANISTAN</b><br>Solar Home System, Rooftop PV                                    | 19. <b>KIRIBATI</b><br>Kiribati Solar Plant                                  | 28. <b>INDONESIA</b><br>Cirata Floating Solar  | 34. <b>ARMENIA</b><br>Solar PV Plant  |
| 5. <b>MAURITANIA</b><br>Sheikh Zayed Solar Plant<br>Rural Electrification Programme           | 12. <b>SEYCHELLES</b><br>Port Victoria Onshore Wind Farm<br>Ile de Romainville Solar Plant | 20. <b>MAJURO</b><br>Marshall Islands Solar Plant                            | 29. <b>AUSTRALIA</b><br>East Rockingham Waste to Energy<br>Maryvale Energy from Waste (EfW)  | 35. <b>GREECE</b><br>Solar Power Plant  |
| 6. <b>SERBIA</b><br>Čibuk 1 Onshore Wind Farm   | 13. <b>PALAU</b><br>Palau Solar and Water Treatment  | 21. <b>FIJI</b><br>Fiji Solar Plant  | 30. <b>UNITED STATES</b><br>Rocksprings Wind Farm<br>Sterling Wind Farm<br>Coyote Wind Farm<br>Las Majadas Wind Farm<br>Milligan 1 Wind Farm<br>Desert Harvest 1 & 2 Solar PV Plants | 36. <b>IRAQ</b><br>Solar Power Projects   |
| 7. <b>MONTENEGRO</b><br>Krnovo Onshore Wind Farm  | 14. <b>POHNPEI</b><br>Pohnpei Solar Plant  | 22. <b>TONGA</b><br>Tonga Solar Plant  |  | 37. <b>YEMEN</b><br>Solar Power Plant   |
|   | 15. <b>TUVALU</b><br>Tuvalu Solar Plant  | 23. <b>SAMOA</b><br>Samoa Onshore Wind Turbines                              |  |   |
|   |  | 24. <b>CARIBBEAN</b><br>UAE-CREF projects across 16 Caribbean Island Nations |  |   |

# MASDAR'S DOMESTIC PROJECTS



WIND FARM	DESALINATION PLANT
SOLAR FARM	WASTE-TO-ENERGY
WATER TREATMENT	CARBON CAPTURE, UTILISATION AND STORAGE
ROOFTOP PV	WATER & ENERGY SAVING
HIGH EFFICIENCY LED LIGHTS	

## United Arab Emirates - Middle East

### ABU DHABI

1. **SHAMS**  
CSP Plant
2. **ABU DHABI GOVERNMENT**  
Solar Rooftop Programme
3. **UM AL ZUMOOL**  
Off-grid PV Plant
4. **MURAWAH ISLAND**  
PV Plant
5. **AL MUSSAFAH**  
Al Reyadah Carbon Capture, Use, and Storage (CCUS) Project

6. **SEA PALACE**  
Solar Rooftop Project
7. **DESALINATION PILOT PROJECT**
8. **AL AIN DIWAN**  
Lighting Efficiency Project
9. **AL JARNAIN ISLAND**  
PV Plant
10. **CROWN PRINCE COURT**  
Solar Rooftop Project

11. **ABU DHABI FUND FOR DEVELOPMENT**  
HQ Solar Rooftop Project  
Water & Energy Saving Project
12. **MASDAR CITY**  
PV Plant & Rooftop Solar PV
13. **MIRAL – WARNER BROS. WORLD ABU DHABI**  
Solar Rooftop Project
14. **FUTURE REHABILITATION CENTRE**  
Water & Energy Saving Project

15. **ABU DHABI AIRPORTS COMPANY (ADAC)**  
 Solar Project
  16. **AL DHAFRA**  
 Solar PV Project
- DUBAI**
17. **MOHAMMED BIN RASHID AL MAKTUUM SOLAR PARK**  
 Phase 3
  18. **BAB AL SHAMS**  
 Solar PV Plant

- SHARJAH**
19. **SHARJAH WASTE-TO-ENERGY FACILITY**
- RAS AL KHAIMAH**
20. **RASHID ABDULLAH OMRAN HOSPITAL**  
 Solar Rooftop Project



# OUR PARTNERS

Hosted by



Principal Partner



Strategic Partner

وكالة الإمارات للفضاء  
UAE SPACE AGENCY

Strategic Partner



Associate Partner



Knowledge Partner

McKinsey  
& Company

Summit Partner

INVESTCORP

ADSW Partner



Official Airline Partner



Pillar Partner



Pillar Partner



Summit Session Partner



Summit Session Partner



Supporting Partner



Supporting Partner



Supporting Partner



# CONTACT US

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To keep up-to-date and learn more:



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