



ABU DHABI
SUSTAINABILITY WEEK

ABU DHABI SUSTAINABILITY WEEK 2025

THE NE))((US
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Supercharging Sustainable Progress



Hosted by

MASDAR 

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FOREWORD

In an era where the urgency of climate action has never been greater, collaboration remains the most powerful catalyst for change.

> Under the theme “The Nexus of Next: Supercharging Sustainable Progress,” ADSW 2025 convened world leaders, innovators, and industry pioneers to push the boundaries of what is possible – redefining sustainability, fostering bold collaboration, and accelerating breakthrough solutions.

The discussions, insights, and outcomes of ADSW 2025 made one thing abundantly clear: while significant strides have been made, there is still much more work to be done. The world possesses the knowledge, technology, and resources to drive systemic change – integrating energy, data, finance, trade, and natural ecosystems to maximize impact. However, critical barriers still hinder the scaling of solutions, bridging of investment gaps, and acceleration of industry-wide transformation. Unlocking climate finance, enabling supportive policies, and fostering cross-sector innovation are key to overcoming these challenges.

“Our work is grounded in real-world impact and the interconnected solutions that translate innovation into tangible, meaningful progress.

Masdar remains steadfast in its commitment to leading the clean energy transformation and enabling the collaboration necessary to its success. That is why we continue to scale up renewable energy, support emerging markets on their clean energy journeys, and advance the technologies that

will shape the next generation of climate solutions. Our work is grounded in real-world impact and the interconnected solutions that translate innovation into tangible, meaningful progress.

As you explore this report, I encourage you to reflect on the insights and discussions that shaped ADSW 2025. By harnessing advanced technologies and bold strategies, this year’s event outlined a clear path toward a future that is inclusive, prosperous, and sustainable. Now, it is up to all of us to turn ambition into action.

Mohamed Jameel Al Ramahi,
Chief Executive Officer, Masdar

INTRODUCTION



As the world stands at a critical juncture in the fight against climate

As the world stands at a critical juncture in the fight against climate impact, Abu Dhabi Sustainability Week 2025 served as a platform to drive innovative solutions, foster collaboration, and accelerate the transition to a more sustainable, equitable, and resilient global economy.

Global leaders, policymakers, industry pioneers, and innovators engaged in high-level discussions to address pressing sustainability challenges, from mobilizing climate finance and decarbonizing industries to harnessing cutting-edge technology and rethinking human and cultural dynamics.

Held under the theme “The Nexus of Next: Supercharging Sustainable Progress,” the event underscored the need for systemic change, to foster interconnected solutions that redefine sustainability and harness collective intelligence to accelerate progress.

Leaders, policymakers, and industry experts explored new strategies to accelerate climate investment, scale breakthrough technologies, and enhance public-private cooperation to drive meaningful change.

A key theme of this year’s event was the importance of inclusivity and collective action in the energy transformation, ensuring equitable energy access,

economic opportunities, and social resilience. ADSW 2025 showcased the roles of finance, policy, and human ingenuity in bridging gaps and driving long-term impact. The insights gathered in this report give an overview of the discussions and takeaways across five major themes that emerged: energy, human potential, climate finance, industry and technology – and provide a roadmap for advancing sustainability across sectors and geographies. Over the following pages, we explore the experience and insights shared by today’s most prominent CEOs, climate pioneers and policymakers, who are shaping a future that is not only sustainable but also just and prosperous for all.



(Pictured from left) H.E. Christopher Luxon, Prime Minister of New Zealand; H.E. Petteri Orpo, Prime Minister of Finland; H. E. Paul Kagame, President of Rwanda; H. E. Bola Tinubu, President of Nigeria; H.E. Shavkat Mirziyoyev, President of Uzbekistan; H. E. Ilham Aliyev, President of Azerbaijan; H. H. Sheikh Mohamed bin Zayed Al Nahyan, UAE President; H. E. Kassym-Jomart Tokayev, President of Kazakhstan; H. E. William Ruto, President of Kenya; H. E. Wavel Ramkalawan, President of Seychelles; H. E. Yoweri Museveni, President of Uganda; H. E. Anwar Ibrahim, Prime Minister of Malaysia; H.E. Dr Sultan Al Jaber, UAE Minister of Industry and Advanced Technology, COP28 President, and Chairman of Masdar

A photograph of a wind farm at sunrise. The sky is a mix of blue and orange, with the sun low on the horizon. Several wind turbines are visible, with the one in the foreground being the most prominent. The blades are dark against the bright sky. The ground is covered in a layer of mist or fog, which is illuminated by the warm light of the sun.

1.

**ENERGY:
POWERING
PROGRESS**

1. ENERGY: POWERING PROGRESS

The global energy sector stands at a crossroads. Amid growing demand for energy from population growth and new technology, and the imperative to scale up cleaner energy sources, the challenge lies in balancing sustainability, security, and affordability.



H. E. Giorgia Meloni, Prime Minister of Italy, visits Masdar’s stand at ADSW 2025

> To explore solutions that will define the future of energy and beyond, Abu Dhabi Sustainability Week 2025 convened world leaders, policymakers, and industry experts for discussions that brought four key themes to the fore: energy systems transformation, growing global energy demands, advancements in storage, and upgrading the grid – together underscoring the importance of innovation, collaboration, and pragmatic policymaking.

Energy Systems Transformation

The journey toward a sustainable future requires a diverse and balanced energy mix. While renewable energy sources such as wind and solar are essential, participants stressed that a comprehensive strategy must

also incorporate a variety of technologies, from nuclear and geothermal energy to carbon capture and for the immediate future at least, oil and gas. Among those highlighting this need was H.E. Giorgia Meloni, Prime Minister of Italy. “We need a diverse, balanced energy mix based on the technologies we have in place, those we are experimenting with and those [we are] yet to identify.”

Mentioning renewable energies, as well as gas, biofuel, green hydrogen, carbon capture, traditional nuclear power, Meloni also discussed nuclear fusion, “which can potentially produce clean, safe and – moreover – unlimited energy,” she said, “and turn energy from a geopolitical weapon into a widely accessible resource, effectively changing history.”

Showcasing their commitment to a diverse energy mix during ADSW 2025, Meloni and the Prime Minister of Albania, H.E. Edi Rama, along with the UAE, announced a billion-dollar tripartite strategic commitment to build a subsea cable stretching 430 kilometers across the Adriatic Sea to import renewable energy. Rama praised the landmark agreement, calling the subsea cable “a very, very important tool, not just for transmitting renewable energy from Albania to Italy, but also for increasing Albania’s capacity as a key player in the region based on its 100% renewable production.

“As we confront mounting geopolitical uncertainty, the ability to move alternative fuel sources from nation to nation and from region to region can enable us to sidestep the energy crisis that impacted global markets in the last five years, and keep our industries running, our cost stable and inflation under control. Trade is also key to distributing the products that can drive the energy transition, such as solar panels, wind turbines and many EV batteries.”



Dr. Thani bin Ahmed Al Zeyoudi,
Minister of State for Foreign Trade,
UAE Ministry of Economy



Pictured from left to right) H.E. Gilberto Pichetto Fratin, Italian Minister of the Environment and Energy Security; H.E. Giorgia Meloni, Prime Minister of Italy; H. H. Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE; H.E. Edi Rama, Prime Minister of Albania; H.E. Belinda Balluku, Albanian Deputy Prime Minister and Minister of Infrastructure and Energy; H.E. Dr Sultan Al Jaber, UAE Minister of Industry and Advanced Technology, COP28 President, and Chairman of Masdar

“[The] energy transition in Europe is underway. If you look at 2024, almost 50% of the electricity produced in Europe originated from renewables. I think the overwhelming challenge that we all have, whether it’s energy companies or governments, is to make sure that we conduct this energy transition in the most affordable manner.”



Catherine MacGregor
CEO, ENGIE

This very important step for the region, and also for Europe, would not have been possible without the significant collaboration with the UAE.”

With energy access remaining a pressing global issue and millions still living without access to electricity, participants acknowledged that, even with the best technologies, energy needs to develop in a way that benefits the many, not just the few. “Today, there [are] over 750 million people without electricity,” H.E. Mohamed Al Hammadi, Managing Director and CEO of the Emirates Nuclear Energy Company (ENEC) pointed

out. “This means they lack [access to] education. They lack access to the basic needs of living.”

As production evolves to meet future needs, the growing demand for energy requires innovative solutions to ensure equitable distribution – a dual challenge shared by both the developed and developing world.

Upgrading the Grid

As the mix of energy sources evolves, so too must the infrastructure that supports it. The current grid, often described as the backbone of modern civilization, was not designed to

handle the growing demand from electrification, the increasing integration of renewable energy, or the risks posed by extreme weather and cyber threats. A modernized grid would improve efficiency, reduce outages, and support the move toward cleaner energy sources, participants agreed.

Participants also highlighted the significant challenges that this transformation presents. “[The grid] is humankind’s largest machine in aggregate,” said Gregory Manuel, Head of Climate and Energy Commercialization at Google X. Without rebuilding it, how do we get it to actually work in the context of what is needed today?” The task requires substantial investment, infrastructure upgrades, and coordination across utilities, policymakers, and private industry.

Dr. Bruce Stedall, Chief Operating Officer of TAQA Transmission, noted. “The grid has historically been developed based on having large central production facilities transmitting and then distributing. It’s clear with the energy transition that that is changing, and we need to change with that.”

Bernard Looney, Chairman of the Board of Prometheus Hyperscale, highlighted the importance of balancing energy security, cost, and sustainability, saying, “There’s an emerging pragmatism around cost and security. Because at the end of the day, if we give people the choice between security of energy, cost of energy, and a clean energy, they will choose, and certainly in many parts of the world, they will choose cost and security...Our job is to make sure that people don’t have to make that choice, that we can actually give them what they need.”



H. H. Sheikh Mohamed bin Zayed Al Nahyan, President of the United Arab Emirates, discusses the launch of the world’s first 24/7 solar PV and battery storage gigascale project to be built in Abu Dhabi, with H. E. Dr. Sultan Al Jaber, UAE Minister of Industry and Advanced Technology and Chairman of Masdar, Mohamed Jameel Al Ramahi, CEO of Masdar, and Othman Al Ali, Chief Executive Officer of EWEC

“Collaboration is very important and key to the success of Abu Dhabi’s system. Without collaboration, you cannot learn from global best practices.”



H.E. Abdulla Humaid Al Jarwan,
Member of the Abu Dhabi Executive Council
& Chairman, Abu Dhabi Department of Energy



Spotlight: Round the Clock Project

- Masdar & EWEC partner on world’s first large-scale, round-the-clock gigascale project
- Combining 5.2GW of Solar PV with and a 19 GWh battery energy storage system (BESS) to produce 1GW of continuous baseload renewable energy
- Addressing emerging energy needs across the entire value chain

Regulatory complexities, aging assets, and the need for enhanced cybersecurity further complicate the process. A smarter, more resilient grid is essential to addressing the triple challenge of affordability, reliability, and equity – alongside sustainability, Khalid Bin Hadi, Managing Director UAE at Siemens Energy, pointed out, emphasizing the importance of a holistic approach. “It’s about how we can have a reliable, stable, efficient, and affordable grid that can meet the requirements of the communities.”

Speakers were under no illusion: upgrading the grid is an immense undertaking. But through a blend of integrated digital solutions, predictive maintenance, and grid-scale storage, we can future-proof this vital infrastructure without the need for a complete overhaul.

To address the challenges and opportunities in scaling global power interconnectivity, the Global Energy Interconnectivity Dialogue convened industry leaders, policymakers, innovators, and investors. These discussions addressed the critical importance and wide-ranging benefits of interconnected energy systems, as well as the key barriers that must be overcome to accelerate progress.

Major challenges identified included supply chain constraints, permitting and licensing complexities, project financing and insurance hurdles, as well as geopolitical influences and limitations in human resources and technical expertise.

Advancements in Storage

Among the most promising developments participants identified in the energy sector was progress in storage technology. Reliable and cost-effective storage solutions were seen as crucial to maximizing the potential of intermittent renewable energy sources.

“The technologies are amazing. Solar PV has come down in price in the last 50 years by 99.9%, and it is going to go on falling, and it is going to go on having higher and higher yields,” said Lord Adair Turner, Chair of the Energy Transitions Commission. “The other technology, which is extraordinary, and you ain’t seen nothing yet, is batteries. Battery costs are down something like 50% in the last two years. Huge breakthroughs are occurring in multiple new sorts of new battery chemistry, which will give us higher energy density or much lower cost...that means that the electric vehicle revolution is absolutely unstoppable.”

Turner’s optimism was shared by others operating in the sector. As costs fall and technological breakthroughs continue, battery storage will play an increasingly vital role in stabilizing grids and making renewables more viable.

The world’s first large-scale, round-the-clock gigascale project combining solar power and battery storage, launched at ADSW 2025, will feature a 5.2GW (DC) solar photovoltaic (PV) plant and a 19 gigawatt-hour (GWh) battery energy storage system (BESS). Masdar and Emirates Water

and Electricity Company (EWEC) announced that the project will provide up to 1GW of baseload renewable power daily, making it the largest of its kind globally. This milestone demonstrates the transformative impact of falling battery prices, proving that baseload renewable energy can now be delivered at a competitive price.

An Urgent Call to Action

From accelerating the renewable energy transition to ensuring universal energy access, advancing

storage technologies, and modernizing the grid, participants at ADSW 2025 grappled with shared challenges and celebrated progress being made.


Throughout the global gathering, discussions underscored a common theme – achieving a sustainable energy future requires collaboration and innovative thinking. To balance the priorities of sustainability, affordability, and security, governments, businesses, and technology, leaders must work together.

KEY TAKEAWAYS

**ENERGY:
POWERING
PROGRESS**

>


1



Meeting Rising Energy Demand is Critical

With electricity consumption growing annually and over 750 million people still lacking access, expanding energy infrastructure and implementing inclusive policies is essential.

2



A Diverse Energy Mix is Essential

A transformed energy sector must include renewables, nuclear, green hydrogen, and carbon capture to ensure energy security and affordability.


3



Grid Modernization is Urgent

Upgrading energy infrastructure is necessary to integrate renewables and meet growing electricity demands.

4



Battery Storage is Transformative

Advances in storage technology are making renewable energy more viable and grid stability more achievable.

5



The Future Depends on Collective Action

Sustainable energy solutions require coordination across industries, governments, and investors.

2.

TECHNOLOGY: SUPERCHARGING SUSTAINABILITY



2.

TECHNOLOGY: SUPERCHARGING SUSTAINABILITY

As the world continues to grapple with urgent climate challenges and resource scarcity, the role of technology in advancing sustainability has never been more crucial.



Dr. Parag Khanna, Founder and CEO, AlphaGeo

> To explore how innovation can drive the transition to a sustainable economy, Abu Dhabi Sustainability Week 2025 brought together influential leaders, policymakers, business executives, and technology experts from around the world who are focused on technological advancements with the potential to shape a more sustainable and prosperous future.

Their discussions emphasized the transformative power of big data and artificial intelligence (AI) in driving sustainability. At the same time, they acknowledged the risks associated with the rapid pace of technological development. The following report lays out these insights, as well as both the promise and challenges of the technology that is poised to supercharge sustainability efforts around the world.

Big Data: a Foundation for Climate Action

In today's digital era, data has emerged as a crucial tool in the fight against climate change. From real-time environmental monitoring to predictive analytics, big data enables informed decision-making that can drive effective climate policies and initiatives.

Data, said Antoine Halff, Co-Founder and Chief Analyst

of Kayrros, is foundational to climate action. "We cannot achieve our climate goals without detailed information, detailed measurements, trusted data that we can feel comfortable with and that we can use for action. You can't manage what you can't measure."

The ability to gather, analyze, and act on data has granted us unprecedented insight and foresight. By leveraging advanced technology with critical data, governments and corporations can create more resilient infrastructure, optimize resource allocation, and monitor emissions in real time, Dr. Parag Khanna, CEO of AlphaGeo, pointed out. A critical application Khanna highlighted is using data to drive climate adaptation and investment in resilient communities.

As we've witnessed repeatedly, even major economies can be hit hard by natural disasters. Despite this, adaptation receives less than 10% of total climate finance. This lack of investment threatens both present livelihoods and future economic stability. To encourage greater adaptation efforts, we must make sure that the risks of inaction are as tangible as the costs of investing. This means measuring resilience and taking it into account for risk planning, as Khanna explained. "Resilience is the right word to use, but unless

you put numbers – flesh and bones and meaning – to it, it doesn't get taken as seriously as it needs to."

By demonstrating both the severity of risks and where adaptation efforts have made regions more resilient and economically stable, data scientists like those at AlphaGeo can build a better business case for climate adaptation, Khanna said. AlphaGeo's work is just one example of the power of technology to create win-win solutions for people, businesses, and the planet. By leveraging big data to inform real-world decisions, the tone shifts from, "can we afford to act?" to "can we afford not to?"

AI's Potential to Optimize the Future

Artificial intelligence can be a polarizing topic in sustainability circles, but at the 2025 edition of ADSW, it was clear: AI has already taken its place in driving sustainability.

Recognizing AI's growing role in transforming energy systems,

"Beyond that, you look at what AI can do for the power generation sector more broadly. Imagine what it can do to help us site windmills or solar panels to have the highest load factor...Imagine what it can do to the planning time – sometimes 4, 5, 6, years for offshore wind – imagine if we unleashed AI on that."



Greg Jackson,
CEO, Octopus Energy Group

H.E. Petteri Orpo, Prime Minister of Finland, asserted that "AI is not just a tool for the future. AI is already reshaping the present, driving smarter energy production, consumption, and distribution." By harnessing big data and machine learning, Orpo said, AI has the potential to optimize energy systems in ways that were unthinkable just a decade ago.

Øyvind Eriksen, President and CEO of Aker ASA, shared a compelling example of AI's efficiency when a piece of equipment fails. When that happens, "we typically run what we call root cause analysis," Eriksen said. "Last year, our engineers spent six

months identifying the root cause. Subsequently, we tried to do exactly the same with AI...it took five days."

Beyond optimizing processes, AI holds the potential to contribute significantly to global economic growth, noted H.E. Kassym-Jomart Tokayev, President of Kazakhstan. "The third pillar [of a global solution to climate change] is a synergistic relationship between climate priorities, economic development and artificial intelligence, which by 2030 is expected to provide more than 16% of global GDP," said Tokayev. Highlighting AI's capacity to generate economic opportunities while advancing sustainable solutions, this projection is proof that technology and environmental responsibility can go hand in hand.

The Perils of AI: Addressing Challenges and Risks

While recognizing AI's enormous potential, participants at ADSW were clear-eyed about its risks. The infrastructure required for AI-driven solutions, particularly cloud computing and data centers, demands vast amounts of electricity.

"We know that AI can help us through analyzing satellite site imagery for sighting locations [for CCUS]. AI can help us through the interpretation of all of the geologic data that we have and feed that site selection into the geological interpretation. AI can help us on our regulatory side. When you connect those three things together, it means we get from start to finish dramatically faster. That's what the world needs for this transition to happen."



Sophie Hildebrand,
Chief Technology Officer, ADNOC

“In the long run, AI will play a major role in helping address environmental problems.”



Tarek Sultan,
Vice Chairman, Agility

Participants highlighted that many pessimistic conversations revolved around worst-case scenarios, and that leaders have a unique opportunity to influence how AI is deployed and mitigate its drawbacks. “There’s a huge amount of fear, and I would argue, mistrust around AI, and that is somewhat understandable,” said Bernard Looney, Chairman of the Board at Prometheus Hyperscale, acknowledging these concerns. “But there are solutions to this, and we must work on enacting solutions that minimize that downside.” Addressing AI-related fears, participants agreed, requires clear policies, transparency, and robust governance frameworks to ensure that AI is developed and used responsibly.

Collaboration for a Sustainable Future

Technology is at the heart of the global sustainability agenda. Big



Addressing AI-related fears, participants agreed, requires clear policies, transparency, and robust governance frameworks

H.E. Mohamed Al Hammadi, Managing Director and CEO, Emirates Nuclear Energy Company (ENEC), provided a startling comparison. “If you look at cloud computing by 2026 – which is a year from today, by the way – the total demand will be 1,000 terawatt hours for cloud computing plus AI and the rest...that is all of the energy produced by Japan, to put things in perspective.” This statistic underscores the urgent need for sustainable solutions in AI infrastructure, such as using renewable energy sources to power data centers and improving energy efficiency in AI operations.



Greg Jackson, CEO,
Octopus Energy Group

data provides the foundation for informed decision-making, while AI offers innovative solutions to optimize energy systems and accelerate the transition to a greener economy. As the world embraces AI, it is also essential to address the technology’s challenges, including energy consumption and ethical concerns.

“It is not an overstatement to say that the future of our planet rests on our ability to harness the full potential of technology in the pursuit of a sustainable, equitable and prosperous world,” said H.E. Petteri Orpo, summarizing the importance of harnessing technology for sustainability.

Achieving this vision requires collaboration among

governments, businesses, and technology experts. By working together, the world can leverage technology to build a more sustainable future, ensuring that innovation serves both people and the planet.

KEY TAKEAWAYS


TECHNOLOGY: SUPERCHARGING SUSTAINABILITY



1

Big Data Powers Energy Solutions

Advanced analytics and AI are revolutionizing energy systems, climate adaptation, and resource management.



2

AI is a Catalyst for Change


AI is reshaping industries and fueling economic growth, with its transformative impact only just beginning.



3

Balancing AI’s Energy Footprint

The rapid rise of AI-driven infrastructure demands innovative approaches to both energy production and demand side management.



4

We Can Mitigate AI Risks

While AI presents legitimate concerns, these can be addressed through robust governance and ethical frameworks to ensure responsible deployment.



5

Collaboration Fuels Progress

Unlocking technology’s full potential requires synergy between governments, businesses, and experts. Through cooperation, innovation can be harnessed to create sustainable prosperity.

3.

PEOPLE: HUMAN POTENTIAL AND SOCIAL IMPACT



3.

PEOPLE: HUMAN POTENTIAL AND SOCIAL IMPACT

Scientific research has shown that human activity is contributing to changes in the climate at an increasing rate.



“Humanity can never have enough of anything,” said Satya Tripathi, Secretary General of the Global Alliance for a Sustainable Planet, during Abu Dhabi Sustainability Week 2025, encapsulating a key driver of human impact on the climate. Yet, despite the challenges, the discussions at ADSW 2025 offered hope. Leaders and innovators at the event emphasized the critical role that individuals and communities play in building a more resilient and equitable future.

The Power of One

When it comes to the climate, behavioral scientists are some of today’s most impactful innovators. They are the people encouraging more of us to choose meat alternatives on supermarket shelves, the influencers using cultural clout to champion climate advocacy, and the energy companies nudging consumers to more sustainable usage. ADSW participants highlighted the importance of bringing sustainability to the average person through education and availability. “We know that you have to incentivize good behavior,” noted Fiona Morgan, Chief Purpose Officer at Sail GP. “You have to make it cool, you have to make it fun and engaging, and you have to educate people as they’re doing it.”

“We need, not only [an] economic approach, but we need [a] social approach, encouraging consumers to make the right choice,”



Prof. Rae Kwon Chung,
Nobel Prize Winner and Board Director
at the Ban Ki-Moon Foundation

Central to these conversations was the vital need to drive change at the individual level, with a particular focus on the often-overlooked influence of culture in fostering sustainable action. As participants looked ahead, it became clear that achieving sustainability will depend not only on technological and policy innovations but also on harnessing human potential and social impact to create lasting change.

The collective impact of millions of people, participants agreed, has the potential to turn small actions into a global story of change. Headline-grabbing climate action stories tend to be stories on a massive scale. What is often overlooked and underestimated is the collective power of smaller, more sustainable choices. Speakers gave the example of Abu Dhabi’s single-use plastic ban. The first of its kind in the region, this policy aimed to change consumer behavior by removing single-use plastic bags from vendors



H.E. Wavel Ramkalawan, President of the Republic of Seychelles

Abu Dhabi's 2022 Plastic Bag Ban: Individual Changes, Big Results

2,000%
increase in reuseable bags

364 million
single use plastic bags saved

2,400 tonnes
of plastic saved

Reduced greenhouse gases
equivalent to removing

130,000 cars
for a year

and retailers. It met with roaring success. In just a couple of years, more than 360 million single-use plastic bags have been saved, equaling 2,400 tonnes of plastic.

Aysha Al Ketbi, Director of Strategic Planning at the Environment Agency – Abu Dhabi, described how collaboration between government and business made it possible. “In collaboration with major retailers across Abu Dhabi, [we provided] alternatives for bags, as well as a plastic bottle return scheme...In exchange, incentives were provided in terms of vouchers, discounts, cashback. That all resulted in a 2,000% increase in reusable bag usage in Abu Dhabi.”

Culture and Climate

Individual actions don't exist in silos. What people value and

therefore what drives their decisions is shaped by their culture. Participants at ADSW highlighted how the practices within a given community or society can be a vehicle for climate action. Beyond changing certain behaviors, practices and mindsets, we look to sustainable cultural practices as a source of inspiration and motivation.

Participants also expressed frustration that it was taking too long to recognize the power of culture. “How do we get past where we are now – knowledge production, people writing books, people doing PhDs,” said a participant in a closed-door roundtable titled Advancing Culture-based Climate Action. While the idea of integrating culture into climate is being discussed in universities, at events, in isolated projects, leveraging cultural systems for climate adaptation calls for us to go a step further and meaningfully integrate culture into climate action plans.

State leaders from some of the world's most vulnerable nations also highlighted a sobering reality: the changing climate is a threat to culture itself. Many communities worldwide are deeply tied to their place, one clear example being small island developing states. “Rising sea levels and ocean warming are devastating our marine ecosystems. Coral reefs vital to our food security, tourism and cultural identity are bleaching and dying. Fragile ecosystems like our seagrass meadows, which store millions of tons of carbon dioxide, are at risk,” said H.E. Mr. Wavel Ramkalawan, President of the Seychelles said, “For the people of Seychelles, the ocean is more than just a resource.



H. H. Sheikh Khaled bin Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, visits the Youth 4 Sustainability Hub at ADSW 2025.

It is our lifeline, our identity and our legacy.

“As climate change affects biodiversity and weather patterns, these states are not only at greater risk of extreme weather events – they are at risk of losing their way of life entirely.



H. H. Sheikh Khaled bin Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, visits the Youth 4 Sustainability Hub at ADSW 2025

Going far Together

Human action, guided by innovation and collaboration, holds the key to a sustainable future. And as speakers highlighted, if there is one lesson that cuts across nations


and industries, it’s the power of working together. Issuing a call to action at the event, Anders Opedal, President and CEO of Equinor, said “To get to net zero, get a more sustainable world, countries need to work together, companies need to work together. But...we see more walls than bridges being built at the moment. So it’s now up to us, business leaders and state leaders, to really go back and find a way to collaborate.”

Above all, participants stressed the power we have as humans to influence the course of the future. “Titans are trying to build data centers for AI to train their big models that will draw two gigawatts of continuous power,” Michael Liebreich, Chairman and CEO of Liebreich Associates and Co-Managing Partner at EcoPragma Capital said. “The human brain operates on 20 watts, so we are still eight orders of magnitude more energy efficient – therefore you could say smarter – than those big data centers. So what am I excited about? I’m excited about humans.”

KEY TAKEAWAYS

PEOPLE: HUMAN POTENTIAL AND SOCIAL IMPACT


>



1

Behavioral Science Drives Change

Incentives and social norms can accelerate the adoption of beneficial behaviors.



2

Individual Action is a Powerful Force

Small behavioral changes, like Abu Dhabi's plastic bag ban, can lead to significant environmental impacts.



3

Culture Shapes Sustainability


Integrating cultural practices into climate strategies enhances public engagement and long-term success.



4

Equity Must Be at the Forefront

Climate action must prioritize vulnerable communities, ensuring inclusivity and social justice.



5

Collaboration is Key

A sustainable future requires businesses, governments, and individuals to work together toward common goals.



4.

**INDUSTRY:
TRANSFORMING
TOMORROW**

4.

INDUSTRY: TRANSFORMING TOMORROW

Spotlighting the urgent need to accelerate the transition to a sustainable economy, Abu Dhabi Sustainability Week 2025 convened global leaders with a particular focus on the vital role of industry in driving the transition.



Industry leaders, heads of state, policymakers, and technology experts gathered to discuss the pressing challenges and opportunities of industrial decarbonization, leveraging innovations in Industry 4.0, artificial intelligence (AI), green hydrogen, and solutions for hard-to-abate sectors.

These discussions underscored the necessity of bold, collaborative action to not only meet net-zero targets but also reshape industrial practices to be more sustainable in the long term. As technologies such as AI, digitalization, and clean energy solutions continue to evolve, industries are poised to lead the way in achieving a more sustainable and resilient future. The following report delves into the key insights shared during ADSW 2025, shedding light on how

industries are embracing these transformative opportunities.

Industry 4.0 and AI

The rapid digitalization of industries, often termed Industry 4.0, is heralding a new era of industrial transformation, allowing companies to enhance efficiency, optimize energy use, and reduce carbon footprints. Capturing the magnitude of this shift, Abdunnasser Bin Kalban, CEO of Emirates Global Aluminium, shared his belief that “Industry 4.0 is the biggest transformation we will have in our lifetime.” His words reflect the growing consensus that digital technologies will fundamentally reshape industrial processes, making them more sustainable and resilient.

But the artificial intelligence revolution will have a dual impact. Alongside immense potential to aid decarbonization, AI will inevitably lead to greater pressure on heavy industries to produce more as companies look to scale the data centers and tools that support AI, and as other sectors harness it to increase production and effectiveness. Ali Aljefri, Head of Green Hydrogen Investment Support at Masdar, outlined the scale of this transformation. “Right now we’re living in a period of global industrialization that we haven’t seen since the first industrial revolution, and it’s driven by the expansion of artificial



Abdunnasser Ibrahim Saif Bin Kalban, CEO, Emirates Global Aluminium



[Pictured from left] Kuljit Ghata-Aura, President Middle East, Türkiye and Africa, Boeing; Michael Spitzbart, SVP Refining Business MEA, OMV

“We have an obligation to get to net zero, but more importantly, we want to be an energy-secure economy. We also want to be one of the economies that wins by manufacturing and exporting our know-how in how to do this in a world where everybody is trying to do it. If we only account for 1% of the emissions of the world, the energy security and the well-being and the prosperity of British people depends on us engaging with the rest of the world so that the rest of the world is moving at the speed of the UAE, the speed of the UK, towards this energy transition.”



Rachel Kyte,
Special Representative for Climate, UK

intelligence and robotics...this also comes back to the heavy industries. Demand in steel, chemicals, aluminum, refinery products, all of these are going to increase.”

Even in this emerging context, participants pointed out, these advancements make the decarbonization of traditionally energy-intensive sectors both technically and economically viable – and more urgent than ever.

Transforming Hard-to-Abate Industries

Decarbonizing the foundational hard-to-abate industries – aviation, steel, cement, and chemicals – remains one of the greatest challenges in the global sustainability agenda. Stakeholders at ADSW 2025, however, reaffirmed their commitment to overcoming investment and infrastructure

barriers to achieve deep emissions reductions in these sectors.

Aviation, one of the most difficult sectors to decarbonize, is experiencing unprecedented growth, making sustainability an urgent priority. “If you look at the growth that’s being forecasted over the next 20-25 years, the [aviation] industry recognizes that we need to take steps immediately in order for the industry to achieve the stated net zero goal by 2050,” said Boeing’s President for the Middle East, Türkiye, and Africa, Kuljit Ghata-Aura.

One of the most promising pathways to decarbonizing aviation is sustainable aviation fuel (SAF), but decarbonization requires a holistic approach across the value chain, as Chan Boodhai, Chief Industry Officer at the Sustainable Markets Initiative, pointed out. “In order to decarbonize aviation, we need sustainable aviation fuel or SAF. You can scale up SAF, but if the airports are not ready, or you don’t have the specifications for use in the fuel as you have [with] jet fuel today, there will continue to be a gap. You won’t be able to decarbonize aviation, unless you look at it on the end-to-end value chain, producer to consumer – it won’t transition in a smooth way.”

Significant hurdles face the steel industry, a cornerstone of global infrastructure. “What is the main bottleneck in terms of greening the steel industry?” asked Sanjay Singh, Director of Strategy and External Relations at Jindal Steel. “It is investment.” Even in India, Singh noted, where the government is supportive of decarbonization and willing to invest, the transformation will need more committed capital



Green hydrogen has emerged as a critical enabler of industrial decarbonization, particularly in energy-intensive sectors

from partners. His remarks and those of other participants underscored the need for strong financial incentives, public-private partnerships, and policy support to accelerate the adoption of low-carbon steelmaking technologies, such as hydrogen-based direct reduction and carbon capture.

The Role of Green Hydrogen in Decarbonizing Heavy Industry

Green hydrogen has emerged as a critical enabler of industrial decarbonization, particularly in energy-intensive sectors such as steel, chemicals, and transportation. For widespread adoption to take place, however, key barriers, such as cost, infrastructure, and regulatory frameworks must be addressed.

“My belief is that hydrogen has to be much cheaper than fossil fuel, regardless of the color, in order for it to be adopted in energy and transportation,” said Dr. Joseph Pratt, CEO of Zero Emission Industries, underscoring the

central economic challenge: for green hydrogen to become a viable alternative, it must achieve cost parity with fossil fuels.

Beyond cost, global regulatory alignment is another essential for hydrogen’s success. To that end, Yoshinori Kanehana, Chairman of the Board at Kawasaki Heavy Industries, called for international coordination. “We need to have a synchronized, uniform regulation standard all over the world,” he said. “I think one of the bodies, like the Hydrogen Council... should push the governments of all countries to expedite a common standard or regulation.” Global policy harmonization, he contended, would accelerate the development of hydrogen markets and facilitate cross-border trade.

Green hydrogen holds immense potential, but realizing its promise requires a concerted effort from governments, industries, and investors to scale production, improve storage and distribution infrastructure, and create demand-side incentives.

Collaboration for a Sustainable Future

The discussions at ADSW 2025 reinforced a crucial message: decarbonizing industry is not just a technological challenge, but a collective endeavor. Industry 4.0 and AI are revolutionizing industrial processes, enabling efficiency and sustainability. Hard-to-abate sectors, including aviation and steel, must address investment and infrastructure barriers to transition toward a low-carbon future. Meanwhile, green hydrogen has the potential to transform heavy industry,



H.E. Kassym-Jomart Tokayev, President of Kazakhstan



Yoshinori Kanehana, Chairman of the Board, Kawasaki Heavy Industries

provided cost and regulatory challenges are addressed.

The pathway to a sustainable industrial future demands collaboration – across industries,

governments, and financial institutions. Through joint innovation, policy alignment, and bold investment, the global community can unlock new opportunities for a greener, more

resilient economy. To build an industrial landscape that serves both economic growth and a sustainable future, the time for action is now.

KEY TAKEAWAYS

**INDUSTRY:
DEMONSTRATING
THAT
DECARBONIZATION
IS ACHIEVABLE**

>

1



Industry 4.0 is Already Transforming the Sector

Digitalization and AI are revolutionizing industrial processes, optimizing efficiency, and enabling sustainability.

2



Decarbonizing Hard-to-abate Sectors Requires Substantial Investment and Policy Action

Aviation, steel, and chemicals urgently need large-scale investment and supportive policies to transition to low-carbon alternatives, with financing being one of the most significant barriers.

3



Sustainable Aviation Fuel (SAF) is a Clear Example of the Challenges Ahead

Scaling SAF requires a fully integrated value chain, from production and infrastructure readiness to supportive regulations and demand-side incentives.

4



Green Hydrogen's Potential Depends on Addressing Cost and Policy Hurdles

While a critical solution for heavy industry, hydrogen's widespread adoption hinges on overcoming high production costs and regulatory challenges. This is achievable, but only through collaboration.

5



Public-private Collaboration is Essential to Drive Meaningful Industrial Transformation

Decarbonization can only be achieved through coordinated efforts between governments, businesses, and financial institutions to align investment, innovation, and policy support.



5.

**FINANCE:
CATALYZING
SUSTAINABLE
INVESTMENT**

5. FINANCE: CATALYZING SUSTAINABLE INVESTMENT

Climate finance has been rising steadily, reaching a record USD 1.46 trillion in 2022 – an encouraging sign of growing investment.



Jasim Husain Thabet, Group Chief Executive Officer & Managing Director at TAQA, delivers remarks at the ADSW Dialogue, "The Power of Global Energy Interconnectivity"

> Despite this progress, the world still faces a massive funding shortfall. For meaningful climate action, experts estimate we need around \$6.3-6.7 trillion per year by 2030.

A major focus for the global leaders, policymakers, business executives, and innovators who came together at Abu Dhabi Sustainability Week 2025 was addressing the urgent need to accelerate sustainable investment. As one of the world’s premier platforms for climate action, ADSW provided a stage for influential voices to discuss climate finance challenges, explore innovative solutions, and drive international collaboration.

This included the first annual meeting of the Global Climate Finance Centre, held during ADSW

2025, marking a pivotal moment in the global drive to address climate financing gaps. This inaugural gathering brought a unique opportunity for global stakeholders to converge, strategize, and lay the groundwork for the next wave of financial mechanisms that can unlock the necessary capital for large-scale action. By emphasizing the need for greater collaboration between the public and private sectors, the meeting underscored the central role of financial institutions in accelerating sustainable development and facilitating the transition to a low-carbon economy.

With a focus on bridging gaps, enabling policy, and fostering innovation, the range of discussions at ADSW 2025 reinforced the urgency of mobilizing capital at scale to achieve a sustainable future for all.



Mohamed Jameel Al Ramahi, CEO, Masdar

Gaps in Climate Financing

A major barrier to advancing climate solutions is the stark gap in climate financing, particularly in regions that lack basic energy infrastructure. Mohamed Jameel Al Ramahi, CEO of Masdar, highlighted this issue, pointing out that “There are hundreds of millions of people, unfortunately, that until now, in this day and age, have limited or no access to electrons. Why is that? Simple. There is no infrastructure, there are no lines that move

the electrons, and there is no distribution that picks up from these lines into these villages, into these cities...The solution is to go build these lines and enable the power generator, like us, like anyone else, to start generating power and pump that power to those people who need it. And that requires a lot of capital.” His remarks underscore the fundamental role that investment

in infrastructure plays in ensuring equitable access to clean energy.

Despite this urgent need for capital, misalignments and disconnections often plague climate finance efforts. “When we spoke to people from finance, they said, ‘Well, we have lots of capital, but there are no projects to invest in,’” said H.E. Majid Al Suwaidi, CEO of Alterra, illustrating this

dilemma. “And then when we spoke to project developers on the ground, particularly in the Global South, they’re like, ‘We’ve got tons of projects, but there’s no capital.’ And I think what we saw there was a mismatch.”

Echoing the sentiment that misalignments were a major barrier, Mercedes Vela Monserrate, CEO of the Global Climate Finance Centre, added “When we went and spoke to the private leaders, they felt that public institutions were too slow, extremely bureaucratic, and their speed just didn’t match the speed of commercial transactions. On the other hand, when we spoke to the public leaders, they felt that private financial institutions did not understand the risks, particularly in emerging markets, and therefore most of the time, they decided to completely ignore this type of opportunity.”

The additional gap that climate financing must bridge is one of communication between financial and environmental sectors. “The financial world speaks a language that the natural world doesn’t understand and vice versa,” said Satya S. Tripathi, Secretary-General of the Global Alliance for a Sustainable Planet. “How do you find those interpreters that can get the tremendous existential benefits for humanity that come out of these nature-based solutions and then bring it to the financial world? [How can we] get them to understand that if that world collapses, you don’t have a world at all?”

The central challenge that Al Suwaidi, Monserrate and Tripathi all addressed is that of alignment, understanding and

“When it comes to HSBC, we think catalyzing the new economy is vital for transition. The problem is, 35% of the emission reductions that we need to achieve by 2050 will come from technologies that are actually not yet at commercial scale. There is no problem with the banking sector when it comes to having the capital in place. The problem is when projects have a lot of risk that needs to be abridged by the multilateral development banks and organizations like Alterra - the geopolitical risk, the currency risk for banks like HSBC and others to come in and help. What we did is to get international players to come in, and we provided long-term balance sheet, and we continue to do that.”



Mohamed Al Marzooqi,
CEO - UAE, HSBC Bank Middle East Limited



Chan Boodhai, Chief Industry Officer, Sustainable Markets Initiative



Participants at the ADSW Dialogue, "Finance for a Nature-Positive Future"

"We need huge investments...but no one has questioned - from China, the United States, and of course ASEAN, the need to support renewable energy including this, what we call the ASEAN Green Initiative."



H. E. Anwar Ibrahim
Prime Minister of Malaysia

communication. Actors who can bridge the gaps and facilitate communication and cooperation will be crucial to unleashing the climate finance that the world needs to reach global targets.

The Role of Policy in Enabling Climate Investment

Alongside enablement, another powerful lever that can drive investment is policy.

Governments have long been instrumental in attracting climate investment, and addressing policy and regulatory challenges to that end is vital, as H.E. Abdulla Ahmed Balalaa, Assistant Minister of Foreign Affairs for Energy and

Sustainability at the UAE Ministry of Foreign Affairs, explained. "Countries must ... enhance and harmonize policy and regulatory frameworks and market rules to attract long-term investments, developing appropriate cost-sharing mechanisms for infrastructure investments, and comprehensive transition strategies for grid infrastructure."

Throughout ADSW 2025, world leaders outlined how their governments are encouraging crucial investment. H.E. Christopher Luxon, Prime Minister of New Zealand, emphasized how his government used reforms to encourage investment: "When we came to office, my government heard that a barrier was the length of time to get consents for renewable energy infrastructure, and that's why, within our first 12 months in office, we've prioritized a series of reforms which will make it so much easier and cheaper to get consents done and completed."



H.E. Christopher Luxon, Prime Minister of New Zealand



To secure financing, Global South nations have had to explore innovative investment mechanisms, a key theme highlighted by many Heads of State at the event.

Global South Leadership in Climate Finance

To secure financing, Global South nations have had to explore innovative investment mechanisms, a key theme highlighted by many Heads of State at the event. “Nigeria became the first country in Africa to initiate funding for green projects through sovereign green bond proceeds, the third issuance of which is currently in progress,” H.E. Bola Tinubu, President of Nigeria, said. “We urge investors to partner with us.”

H.E. Paul Kagame, President of Rwanda, discussed the Rwanda Innovation Fund, established to back disruptive companies and attract global capital. “These principles have driven practical innovations in many sectors. We have digital platforms that give farmers access to real time market data to inform their decisions. Zipline, a company that started in Rwanda delivering medical supplies, is now valued at 4 billion US dollars with operations across multiple continents.”

“Seychelles has long stood

as a beacon of innovation in ocean governance and marine conservation,” said H.E. Wavel Ramkalawan, President of Seychelles, highlighting the success of small island nations, “from pioneering the world’s first sovereign blue bonds to implementing the ground-breaking debt force nature swap.”

Global South countries have demonstrated creative thinking and bold action, more of which is needed, participants argued, to successfully increase climate finance flows.

“We do need to be very innovative, in particular for the emerging and developing economies where priorities are just different from the developed world,” said Chan Boodhai, Chief Industry Officer at the Sustainable Markets Initiative. “For this, blended finance becomes quite a vital tool.”

Achieving Climate Finance Goals for a Sustainable Future

The financial resources required for a sustainable future exist, participants assured; the



H.E. Badr Jafar, Special Envoy for Business & Philanthropy, UAE

challenge lies in mobilizing them effectively. H.E. Badr Jafar, Special Envoy for Business & Philanthropy, UAE, encapsulated this perspective: “The world is not short of money. There’s more than USD 120 trillion in assets under management, between pension funds and insurance, family offices and sovereign wealth funds worldwide. Net private wealth worldwide stands at over \$450 trillion and is expected to increase more than 6% annually. We don’t just have the money. We have the momentum.”

While climate finance faces challenges, what the discussions at Abu Dhabi Sustainability Week 2025 overwhelmingly demonstrated is that we have the tools and potential to overcome them through the right mix of bold action and cooperation. From bridging investment gaps to designing effective policies and innovative financial models, achieving climate finance goals requires collective action. By working together, governments, businesses, financial institutions, and communities can mobilize capital at scale, ensuring a sustainable future for all.



H.E. Paul Kagame, President of Rwanda

KEY TAKEAWAYS

**FINANCE:
CATALYZING
SUSTAINABLE
INVESTMENT**

>


1



We Must Bridge the Climate Finance Gap

The world needs USD 6.3-6.7 trillion annually by 2030 for climate action, yet misalignments between capital providers and projects persist.

2



Infrastructure Investment is Key

Equitable access to clean energy hinges on investing in transmission lines and grid expansion, particularly in underserved regions.

3



Policy is a Crucial Enabler

Governments need to modernize regulatory frameworks and market rules to attract sustained long-term investment.

4



The Global South is Innovating

Emerging economies are adopting innovative financing mechanisms out of necessity, from sovereign green bonds to digital investment platforms.

5



Capital Must be Mobilized at Scale

With over USD 450 trillion in global private wealth, redirecting capital toward sustainable projects is a matter of coordination and alignment.

CONCLUSION: TURNING COMMITMENTS INTO ACTION

ADSW 2025 demonstrated again that the path to a sustainable future requires more than ambition – it demands bold action, global cooperation, and a commitment to scalable solutions.



The insights shared at this year’s event provide a clear and urgent call to accelerate climate finance, implement transformative policies, and harness technology for the greater good.

The challenge ahead, however, is immense, but so too is the opportunity. Governments, businesses, and civil society must work together to bridge investment gaps, ensure equitable access to sustainable resources, and drive systemic change. We are indeed

at the “Nexus of Next,” a moment where the technology exists, the financing is available, and the urgency has never been greater. What remains is the will to act decisively and at scale.

The momentum generated at ADSW 2025 must continue. By translating commitments into concrete action, we can build a more resilient, inclusive, and sustainable world. The future is not something we wait for – it is something we shape together, starting now.

“In the UAE, last year, in I think, the strongest of all the Conferences of the Parties, all of the COPs...we came to what was by far the most dramatic and important statement that has been made, which is...we must transition away from fossil fuels so as to achieve net zero by 2050. I’m now believing we’re far enough along...to start to question the net part of that. You’ve got to get real reductions...and accelerate in this decade, which is really important language, according to the science.”



John Kerry,
68th U.S. Secretary of State and Co-Executive Chair,
Galvanize Climate Solutions

LIST OF SPEAKERS

H.E. Kassym-Jomart Tokayev

President of Kazakhstan

H.E. Bola Tinubu

President of Nigeria

H.E. Paul Kagame

President of Rwanda

H.E. Wavel Ramkalawan

President of Seychelles

H.E. Yoweri Museveni

President of Uganda

H.E. Shavkat Mirziyoyev

President of Uzbekistan

H.E. Edi Rama

Prime Minister of Albania

H.E. Petteri Orpo

Prime Minister of Finland

H.E. Giorgia Meloni

Prime Minister of Italy

H.E. Christopher Luxon

Prime Minister of New Zealand

H.E. Anwar Ibrahim

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Aaron Pinnock

Climate Integration Lead
– Responsible Investing,
Mubadala

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Assistant Minister of Foreign
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H.E. Abdulla Humaid Al Jarwan

Member of the Abu Dhabi
Executive Council & Chairman,
Abu Dhabi Department of
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Co-Founder and CEO,
Natrify

Abdulnasser Ibrahim Saif Bin Kalban

CEO,
Emirates Global Aluminium

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Chair,
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Anders Opedal

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Andy Biffen

Asset Development
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Antoine Halfff

Co-Founder and Chief Analyst,
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Environment Agency - Abu Dhabi

H.E. Badr Jafar

Special Envoy for Business
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Bernard Dagher

Chief Strategy & Growth Officer –
MEA, Grid Solutions, GE Vernova

Bernard Looney

Chairman of the Board,
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Bruce Stedall

Chief Operating Officer,
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Moeve

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Kuljit Ghata-Aura

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Boeing

Kyle Harrison

Global Head of Carbon and
Environmental Markets,
BloombergNEF

Kyung-Ah Park

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Director, Sustainability,
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Prof. Rae Kwon Chung

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H.E. Razan Al Mubarak

President, IUCN and
Managing Director,
MBZF

Rizwan Razaq

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Robin Mills

CEO, Qamar Energy

Romain Talagrand

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BNP Paribas

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Group CEO,
EMSTEEL

Saeed Alghafri

CEO,
Emirates Steel,
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Sanjay Singh

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Satya Tripathi

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Global Alliance for
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Tarek Hosny

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Fertiglobe

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UAE Ministry of Economy

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Managing Partner,
Cranmore Partners

Zhu Yiyang

Director of the National Key
Laboratory of Power Grid
Safety, China Electric Power
Research Institute,
SGCC

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DEPARTMENT OF ENERGY



Strategic Partner



Strategic Partner



Associate Partner



Associate Partner



Opening Ceremony Associate Partner



ADSW Summit Partner



ADSW Summit Partner



ADSW Summit Associate Partner



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Knowledge Partner



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6.

**APPENDIX:
KEY ADSW 2025
IMPACT NUMBERS**

APPENDIX 1: BUILDING TO ADSW 2025

Throughout the year, ADSW, initiatives and reports facilitate knowledge sharing and collective action that will ensure a sustainable world for future generations.



8
ADSW Advisory
Committee
meetings held

— engaging —



120+
stakeholders



17
reports released

— and —



6
op-eds published

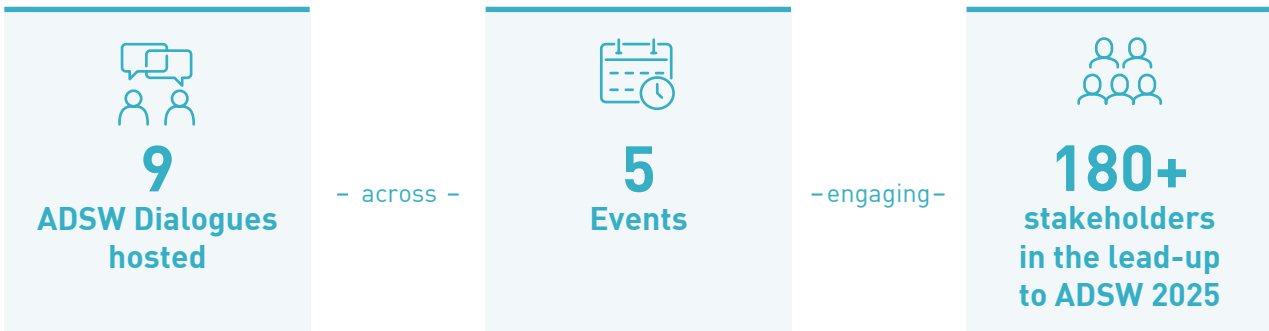


APPENDIX 2: ADSW DIALOGUES

Throughout the year, these high-level closed-door gatherings convene top policymakers, industry leaders, innovators, and investors to set collective priorities and collaborate on solutions that address the world’s most pressing sustainability challenges.

ADSW Dialogues are critical for setting the global sustainability agenda, helping leaders work together to establish priorities that align with ADSW’s strategic pillars.

ADSW Dialogues leading up to ADSW 2025



Partners



Lord Adair Turner, Chair, Energy Transitions Commission


APPENDIX 3: ADSW 2025 IN NUMBERS



50k
Attendees
connected




800+
Speakers



12+
Events



13
Heads of State



15K+
ADSW Live
viewers




11
International
pavilions




H.E. Giorgia Meloni, Prime Minister of Italy

APPENDIX 4: KEY EVENTS AT ADSW


January 12-18, 2025




International Renewable Energy Agency (IRENA) Assembly
Sunday - Monday, January 12 - 13




High-level Dialogues and Roundtables
Tuesday - Thursday, January 14 - 16




Global Climate Finance Annual Meeting
Catalyzing Investments for a Sustainable Future
Monday, January 13




Youth 4 Sustainability Forum and Hub
Tuesday - Thursday, January 14 - 16




The ADSW Opening Ceremony and Zayed Sustainability Prize Awards Ceremony
Tuesday, January 14




Women in Sustainability, Environment and Renewable Energy (WiSER) Forum
Wednesday, January 15




ADSW Summit
Tuesday - Wednesday, January 14 - 15



Green Hydrogen Summit
Thursday, January 16



World Future Energy Summit Exhibitions and Forums
Tuesday - Thursday, January 14 - 16



Zayed Sustainability Prize Forum
Thursday, January 16



H. H. Sheikh Khaled bin Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, visits the Youth 4 Sustainability Hub at ADSW 2025

APPENDIX 5: ADSW 2025 DIALOGUES

At ADSW 2025 **18** ADSW Dialogues engaged over **430** participants



Participants of the ADSW Dialogue titled **The Power of Global Energy Interconnectivity**

APPENDIX 6: ATTENDEES AT MASDAR'S ADSW EVENTS

65%

Men

35%

Women

51%

UAE

49%

International

Attendees by job title

42%

Other

27%

Senior Management (Directors, SVPs, VPs)

16%

C-level

4%

Students

3%

Partner

2%

Head of Sustainability

2%

Minister

1%

Chairman

1%

Ambassador

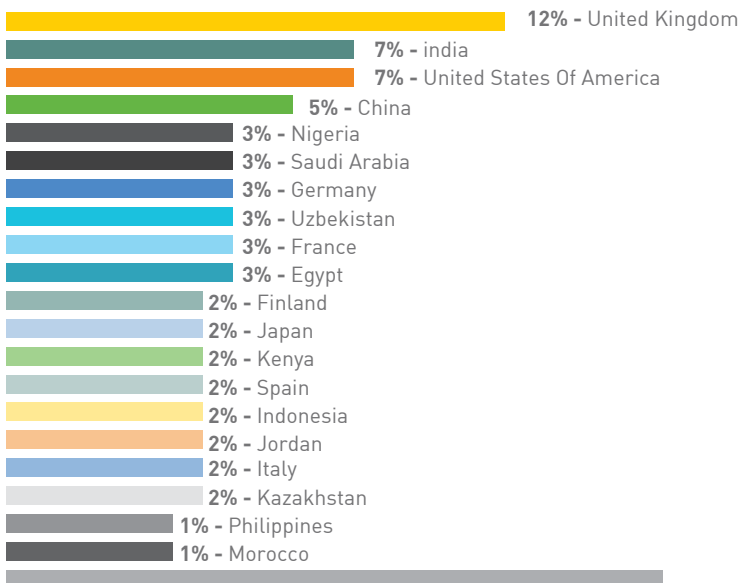
1%

Founder

1%

Director General

Attendees by country





About Abu Dhabi Sustainability Week

Abu Dhabi Sustainability Week (ADSW) is a global platform supported by the UAE and its clean energy leader, Masdar, to address the world's most pressing sustainability challenges through crucial conversations accelerating responsible development and fostering inclusive economic, social and environmental progress.

For more than 15 years, ADSW has convened decision-makers from governments, the private sector and civil society to advance the global sustainability agenda through dialogue, cross-sector collaboration and impactful solutions. Throughout the year, ADSW conversations and initiatives facilitate the knowledge sharing, innovation and collective action that will ensure a sustainable world for future generations.

Hosted by



About Masdar

Masdar (Abu Dhabi Future Energy Company) is one of the world's fastest-growing renewable energy companies. As a global clean energy leader, Masdar is advancing the development and deployment of solar, wind, geothermal, battery storage and green hydrogen technologies to accelerate the energy transformation and help the world meet its net-zero ambitions. Established in 2006, Masdar has developed and invested in projects in over 40 countries with a combined capacity of 51 gigawatts (GW), providing affordable clean energy access to those who need it most and helping to power a more sustainable future.

Masdar is jointly owned by TAQA, ADNOC, and Mubadala, and is targeting a renewable energy portfolio capacity of 100GW by 2030 while aiming to be a leading producer of green hydrogen by the same year.



Hosted by



For more information, visit abudhabisustainabilityweek.com

