

POST SHOW RECOMMENDATIONS



23 - 25 SEP 2024
Crowne Plaza
Bahrain

**International Trade Fair &
Conference on Solar,
Renewables, Storage &
Batteries, Power, and
Electrical Industry**

In Partnership with

غرفة البحرين
BAHRAIN CHAMBER

Principal Partner

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Clean power for all



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Overall Report of the Event:

Powerelec Bahrain 2024 was a strategic forum designed to catalyze the green energy transition. It facilitated discussions, knowledge sharing, and technology exchange with both conference and exhibition under one roof.

The Event was conducted in association with the Bahrain Chamber of Commerce and Industries, Middle East Solar Industry Association (MESIA), Dubai Renewable Energy Business Group. It provided a valuable platform for industry stakeholders to showcase their capabilities and drive sustainable growth.

JA Solar was the Principal sponsor of the event, SUNGROW is the headline sponsor where the Diamond sponsors and companies like HUAWEI, GCL System Integration, Powernsun supported the event.

Exhibitors & Sponsors





Conferences:

As businesses increasingly recognize the imperative of environmental stewardship, Powerelec Bahrain 2024 underscored the potential for both economic benefits and environmental responsibility. By investing in green technologies and practices, organizations unlock new market opportunities, attract talent, and enhance their brand reputation, contributing to a sustainable future.

The recent Powerelec Conference underscored the nation's firm commitment to achieving net-zero emissions.

The three-day event, themed "Bahrain's Net Zero Ambition: Unfolding Renewables, Green Hydrogen for a Sustainable, Decarbonized Economy," convened top industry leaders, policymakers, and experts to explore innovative pathways for a sustainable future.

The discussions focused on renewable energy, green hydrogen, and cybersecurity, emphasizing the critical role of collaboration and technology in realizing Bahrain's Vision 2030.

The conference, was inaugurated by **H.E. Mohamed Abduljabbar Alkooheji**, Second Vice Chairman of the Bahrain Chamber of Commerce and Industry (BCCI). He highlighted the role that the private sector can make in driving the renewable energy transition. Prominent industry figures presented initiatives aimed at accelerating this shift, underscoring the importance of policy incentives, strategic partnerships, and technological innovation.

Key Takeaways

Government Incentives: Eng. Ebtisam Isa Al-Shenoo, Chief of Industrial Operations at the Ministry of Industry and Commerce, focused on the theme Destination 2030: Dream, Reality And Action Plan. He outlined the need for robust incentives to encourage widespread adoption of renewable energy across industries.

Industry Recommendations: Mr. Basim Al-Saie, Board Member of the Bahrain Chamber and Chairman of GITHAA-Bahrain Food Holding Company (BFHC), delivered eight strategic recommendations, including accelerating EV adoption and strengthening renewable energy infrastructure.

Energy Transition Strategy: In a session titled "Renewable Energy Transition: The Toolkit for Success for Bahrainis," H.E. Jassim Al Shirawi, Secretary General Elect of the International Energy Forum (IEF) and Chairman & Managing Director of JAIS Energy Services, highlighted the urgency of energy transformation in Bahrain. Mr. Imed Derouiche, CEO of H2G Green Hydrogen, Tunisia, reinforced the pivotal role of green hydrogen in this transition.

Cross-Border Energy Collaboration: Dr. Husain Almakrami, Assistant Professor at Renewable Energy Yanbu Industrial College, Royal Commission for Jubail and Yanbu, Saudi Arabia, presented new opportunities for cross-border energy trade and innovation during the panel on "Transforming the Renewable Energy Landscape."

Energy Storage Solutions: A panel on "Embracing Mega Trends in Intelligent Energy Storage Solutions in the Middle East," moderated by Hinde Liepmannsohn, Executive Director of the Middle East Solar Industry Association (MESIA), examined the emerging trends and challenges in intelligent energy storage solutions across the Middle East.

Financing Large-Scale Projects: Dr. Abdulla Alabbasi, Director of the DERASAT Energy and Environment Programme, led discussions on financing strategies for major renewable energy projects, addressing both challenges and opportunities in capital mobilization and project execution.

Green Urban Development: Dr. Hanan Albuflasa, Professor of Renewable Energy at the University of Bahrain, called for regulatory frameworks to support green city initiatives in the session "Building Green Cities: Solar Powering the Future," stressing the collective responsibility of building sustainable urban ecosystems.

Cybersecurity for Renewable Projects: Ali Beshara, Cybersecurity Expert and Executive Trainer at Cyber CREST, concluded the event with a presentation on the importance of cybersecurity in safeguarding renewable energy infrastructures amid increasing digitalization.

27 Point Recommendations:

Net-zero by 2060

- Promote innovation and circular economy through policy.
- Create a supportive business environment to ensure private sector participation.
- Change in policy for an inclusive approach to reduce greenhouse gas emissions.
- Encourage collaboration and partnerships of academia, industry and government departments.
- Explore cross-border partnerships for green power generation to cover the land limitation of Bahrain.

Green economy

- Promote the "Made in Bahrain" mark for sustainable, locally-produced products.
- Incentivize green factories with benefits for solar adoption, water recycling, and circular materiality.
- Develop a talent pool for green jobs through training and upskilling.
- Create economic opportunities in the green energy sector through policy.

Green energy transition:

- Prioritize proven technologies like solar and wind power through policies and regulations.
- Government incentives to industries to adopt green energy.
- Promote energy efficiency through innovative solutions.
- Develop a roadmap for transitioning to electric vehicles. (All delivery 2W if changed to e-vehicles can reduce carbon emissions)
- Invest in charging infrastructure to support EV adoption.
- Policy for solar adoption in desalinization plants

Promote rooftop Solar energy:

- Develop a targeted program to encourage rooftop solar installations.
- Implement building codes that incentivize rooftop solar adoption.
- Introduce financial products tailored to support rooftop solar projects.
- Clarify return on investment (ROI) guidelines for banks and financial institutions investing in solar projects.
- Explore technologies that mitigate the heat island effect associated with solar power.

Waste management

- Develop a comprehensive waste recycling program including electric car and solar panel waste.
- Invest in a robust waste management system
- Educate children on recycling and environmental sustainability.
- Promote green initiatives by planting more trees and providing carbon credits to companies.

Economics of Carbon

- Establish a regional carbon market for the Gulf countries and North African countries.
- Encourage carbon capture technologies and focus on the economic and branding benefits of decarbonization.
- Foster industrial integration partnerships with countries like UAE, Jordan, Egypt, and Morocco to complete and interconnect components and technologies.

Over the three days, the event attracted over 1000+ Delegates and Trade Visitors who took advantage of Powerelec Bahrain to upskill, enhance knowledge, network and sign business deals.





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An Event by



**See you in
2025**



**6 - 7 October
Crowne Plaza, Manama, Bahrain
www.powerelecbaahrain.com**