



Advanced Microgrids, Smart Renewables and Distributed Energy

Middle East & Mediterranean Symposium

June 10-11, 2020 • Nicosia, Cyprus

***Achieving renewables integration and resiliency in the future
Middle East / Mediterranean energy ecosystem***



The Middle East and Mediterranean are undergoing important energy transitions. While oil and natural gas continue to be primary resources, there is a growing drive toward embracing renewable and carbon-free energy as climate change and population growth continue at a significant rate. Energy consumption in the region has more than doubled over the past thirty years, and a more rational use of renewables is required in order to achieve more balanced, sustainable and survivable urban environments going forward. As society begins the transition away from fossil fuels, the Mediterranean and Middle East must lead the way toward more distributed energy infrastructures with

hybrid, renewable energy systems and advanced microgrids at the core.

Now is the time to map the course toward a long-term ecosystem for the Middle East and Mediterranean, in which clean energy and intelligent renewables planning form the basis of more humane and sustainable urban centers.

Organized by the Smart Grid Observer, the **Advanced Microgrids, Smart Renewables and Distributed Energy Middle East & Mediterranean Symposium**, June 10-11, 2020 in Nicosia (www.microgridinnovation.com/Nicosia) will help stakeholders from across the region envision the future and meet these challenges effectively. In-depth presentations, panel discussions and one-on-one networking sessions will provide invaluable opportunities to connect with key players and learn from the leaders who are shaping the future of clean energy and intelligent urbanization across the Middle East and Mediterranean regions. The event will focus on:

- Achieving the high potential for renewable energy resources in the Middle East and Mediterranean
- Challenges and opportunities in moving toward distributed energy resources (DERs)
- Evolving business models for utilities, renewable energy companies, and other stakeholders
- Energy resiliency for government, commercial, industrial, military and residential end users
- Government regulatory and public policy issues: adopting changes and addressing obstacles
- Enabling technology advances for maximizing and integrating renewables
- Solar + energy storage systems at the building (nanogrid) level
- The role of smart grids in integrating and managing distributed energy resources
- Implementations and projects to date: learning from key case studies
- Green energy ecosystems within the larger Smart City paradigm
- Social impacts and opportunities in transitioning away from fossil fuels
- Mapping a course for action: regulatory and public policy considerations and requirements
- And more

The audience for the Symposium includes renewable energy and electric utility companies; microgrid project developers, owners, and entrepreneurs; finance and investment professionals; Smart City planners, strategists and municipal executives; Government, regulatory and public policy professionals; energy storage providers, technology innovators, VC and investment professionals and more.

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Empowering Energy Entrepreneurs

Organized by **SGO** Smart Grid Observer

Previous Attendees at SGO's Related SGO Microgrid Innovation Forum Include:

- 127 Energy
- 3Angle Capital
- Aalborg University
- ABB
- Acciona Energía
- Adaptive Balancing Power
- Akuo Energy
- Alliance for Rural Electrification
- Altairnano
- Ameren
- American Public Power Association
- Anbaric Power LLC
- APESF
- Aquion Energy
- ARDA Power
- Arelis Group
- Associação de Energias Renováveis
- BC Institute of Technology Centre
- Benoolend
- Black & Veatch
- Blue Pillar
- Boeing Research & Technology Europe
- Boreal Renewable Energy Development
- BU Africa
- Burns & McDonnell
- Canadian Solar
- Catalonia Institute for Energy Research (IREC)
- CENER
- Center for Climate and Energy Solutions
- CERTS Microgrid Project
- CEZ Distribuce, Corp.
- Circular Energy
- Colorado State University
- ComRent International
- CPG Advisors
- CPS Energy
- CSEM SA
- Customized Energy Solutions
- cyberGRID GmbH
- DC Public Service Commission
- DEG - German Investment Corporation
- Deutsche Investitions- und Entwicklungsgesellschaft mbH
- Distributed Generation Ltd
- Distributed Sun LLC
- DNV GL
- Duke Energy
- Dynamic Energy Group
- Dynapower Company
- E.ON UK
- EDA RENOVAVEIS
- EDF Renewable Energy
- Edison Electric Institute
- Edison International
- EDP
- EDP DISTRIBUIÇÃO
- Efacec Power Solutions
- Electric Power Research Institute (EPRI)
- Emerge Alliance
- Emerson Network Power
- Enbala Power Networks
- Enchanted Rock
- Eneco B.V.
- EnerCo
- Enercon GmbH
- Enercoutim
- Energy Storage Report
- EnergyIN
- EnerNex
- Engie
- Enphase Energy
- Ensol Tanzania Ltd
- Eos Energy Storage
- ERDF
- EREN RENEWABLE ENERGY
- ETAP
- EURELECTRIC
- Exelon
- FERC
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- Fluktuat
- FREEDM Systems Center, NC State
- Freie Universität Berlin
- Fronius España S.L.U.
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- Frost & Sullivan
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- GE Power & Water
- General Microgrids
- Gildemeister Energy Storage
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- The Boeing Company
- The Hartford Steam Boiler Inspection and Insurance Company
- Tractebel
- Trama TecnoAmbiental
- Trojan Battery Company
- U.C. San Diego
- U.S. Department of Commerce
- UniEnergy Technologies
- Universidad Carlos III de Madrid
- University College London, Electronic and Electrical Engineering
- University of Alberta
- University of California, Irvine
- UCLA
- University of Idaho
- University of Maryland
- University of Texas, El Paso
- University of the Basque Country UPV/EHU
- University of Wisconsin, Milwaukee
- Varentec
- Vattenfall AB, R&D
- Vestas
- Vieira de Almeida
- Viridity Energy
- Wells Fargo Bank
- West Monroe Partners
- Win Inertia
- Winch Energy
- World Bank
- Wuhan Huayuan Fukang Electric
- World Business Council for Sustainable Development

Previous MGIF Attendee Job Titles Include:

- Assistant Professor, Microgrids
- Associate
- Associate Professor
- Attorney Advisor
- Business Advisor
- Business Development Director
- Business Unit Development Manager, Grid Automation
- Business Unit Director - Renewables (GB & International)
- CEO
- CEO and Co-founder
- Chairman
- Chief Commercial Officer
- Chief Marketing Officer
- Chief of the Office of Energy and Sustainability (OES)
- Co-Founder
- Co-Founder and CEO
- Co-Founder and President
- Deputy Director
- Director
- Director of Industry and Innovation
- Director, Distributed Electricity and Storage
- Editor
- ElectriFi Manager
- Energy & IT Analyst
- Energy Solutions Manager
- Energy Storage Marketing/Strategy Manager
- Engineer
- Engineering Manager
- Executive Director
- Founder & Managing Director
- Founding Partner
- General Manager
- Global Sales Manager Microgrids
- Global Sector Co-ordinator, Innovative Finance
- Head of Direct Sales
- Head of Innovation - Global Infrastructure & Networks
- Head of Microgrid & Digital Substation Solutions
- Head of Project
- Independent Consultant
- Industry Research Analyst
- Journalist and Economist
- Manager of Market Intelligence, Strategy and Innovation
- Manager, Business Development
- Manager, Optimization and Forecast
- Manager, Policy and Innovation
- Manager, Smart Grid & Technology
- Manager, Technology Development
- Manager, Utility of the Future
- Manager-Emerging Technologies Office
- Managing Director
- Managing Partner
- Market Design Specialist - Distributed Resource Integration
- Microgrid Advisor
- Microgrid Laboratory Responsible
- Microgrids CTO North America
- News Director
- Of Counsel
- Operations Manager
- Partner & Co-Founder
- Portfolio Analyst
- Power Systems Group Leader
- President
- President & CEO
- Principal
- Principal Engineer
- Principal Research Analyst
- IEEE Fellow
- Program Director, Sustainable Energy Transformation and Microgrid Project
- Project Engineer
- Project Manager
- Renewable Energy Segment Manager
- Renewable Energy Specialist
- Research Associate Renewable Energy
- Research Officer
- Researcher and Industrial Engineer, Grid Integration
- Sales Manager
- Senior Analyst
- Senior Consultant Hydropower
- Senior Director, Energy & Utilities Practice
- Senior Engineer
- Senior Manager, Smart Grid Integration, North America
- Senior Portfolio Analyst
- Senior Principal, Sustainability
- Senior Vice President, Policy and Business Strategy
- SETS Program Manager
- Sr. Climate Change Specialist and Program Manager
- Technical Consultant - Power Supply & Protection
- Technical Expert – Regulatory Instruments
- Technical Sales Manager
- Technical Support Manager
- Venture Developer
- Vice President
- Vice President - Smart Grid, North America Operations
- Vice President Business Development
- Vice President, Product Management
- VP Commercialization & Product Development
- VP of Operations & F

Speaking Opportunities

The session schedule and faculty of speakers for the Symposium is currently in development. Industry professionals who are interested in delivering a presentation or organizing a panel discussion session are encouraged to submit a proposal to info@microgridinnovation.com.

Guidelines for Submitting a Proposal

Seminar sessions are 75-90 minutes in length and typically feature three speakers, each presenting for approximately 25 minutes. Individuals who wish to deliver a presentation or organize a panel session with multiple speakers should submit the following:

1. Speaker name, title, company, and contact information
2. Presentation title (or title of panel session)
3. Abstract of presentation or panel session (150 words)
4. Speaker biography and photo
5. Bullet list of 3-4 Key Learning Points from the presentation or panel session

Topics To Be Covered Include (but are not limited to):

Business Issues, Opportunities and Challenges

- Implementing resilient, sustainable renewable energy in the Middle East and Mediterranean
- Market drivers and trends for hybrid renewable energy microgrids in the region
- Issues and challenges of sustainable development
- The role of microgrids and renewables within the emerging Smart City
- Utilizing solar thermal and PV energy in the region
- Decarbonization of energy, buildings and economies going forward
- The rise of distributed renewable energy resources: network architectures and integration issues
- Moving away from fossil fuels: envisioning and realizing a long-term, inter-nation regional plan
- Cyber security in a distributed energy, Smart City world
- The role of government: regulatory and public policy developments and requirements
- Optimizing the impact on jobs, economies and societies cross-border
- Advanced microgrids: empowering transactive energy communities
- Market, rate and tariff reforms for maximizing benefits among all stakeholders

Technology Advances, Applications, and Strategies

- Control systems for distributed energy resources
- Microgrid design and implementation: grid-connected / island / off-grid scenarios
- Solar + energy storage advances and case studies
- Solar thermal energy developments
- Case studies of green energy microgrids within urban environments
- Advances in battery technologies for microgrid applications
- Wind, tidal, biomass and hydro developments
- Optimizing minigrids to minimize fossil fuel utilization
- Interconnecting with the larger grid: integration issues and challenges
- Enabling technologies for driving significant decarbonization today
- The water-energy nexus: specific challenges and opportunities for the Middle East / Mediterranean region
- Cyber (and physical) security technologies for the evolving distributed energy network
- Advances in smart grid networking communications, monitoring and control systems

Sponsorship Packages

Gold Level Sponsor

Value: € 10,000

- Tabletop exhibit in networking break and reception area
- 30-minute, stand-alone speaking slot within the Symposium
- 3 complimentary conference passes
- 20% off additional registrations
- Logo positioning in Official Program Guide, event website, and email communications
- Corporate description with hyperlink on event website
- Prominent logo recognition in on-site banners and signage
- Logo on event program and registration materials
- Company information or insert included in registration bags
- Attendee List (provided one week following the event)

Silver Level Sponsor

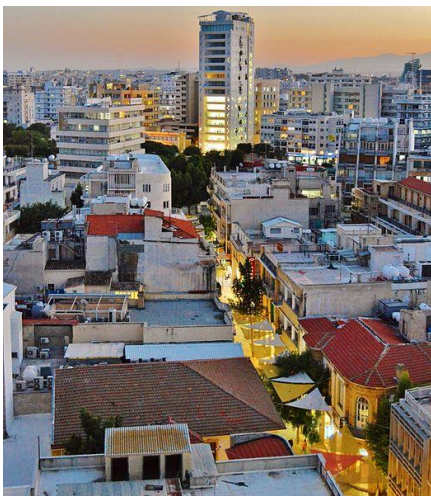
Value: € 5,000

- Tabletop exhibit in networking break and reception area
- 2 complimentary conference passes
- 15% off additional registrations
- Logo positioning in Official Program Guide, event website, and email communications
- Corporate description with hyperlink on event website
- Prominent logo recognition in on-site banners and signage
- Logo in event program and registration materials
- Company information or insert included in registration bags

Bronze Level Sponsor

Value € 3,000

- 1 complimentary conference pass
- 10% off additional registrations
- Logo positioning in Official Program Guide, event website, and email communications
- Corporate description with hyperlink on event website
- Prominent logo recognition in on-site banners and signage
- Logo on event program guide and registration material



About the Sponsors

Gold Sponsor



At Schneider, we believe access to energy and digital is a basic human right. We empower all to do more with less, ensuring Life Is On everywhere, for everyone, at every moment. We provide energy and automation digital solutions for efficiency and sustainability. We combine world-leading energy technologies, real-time automation, software and services into integrated solutions for Homes, Buildings, Data Centers, Infrastructure and Industries. We are committed to unleash the infinite possibilities of an open, global, innovative community that is passionate with our Meaningful Purpose, Inclusive and Empowered values. Visit www.se.com

Silver Sponsors



iKare Innovation Ltd. is a Strategic Consulting company, bridging the gap between high impact technologies and global partners, with a focus on sustainable solutions. More specifically with an emphasis in the fields of renewable energy, waste management, transportation, circular economy, water and agriculture. Based in Paris and Tel-Aviv, iKare Innovation advises corporates such as ENGIE, with technological scouting and strategic collaborations with some of the most disruptive sustainable innovators. Being at the crossroads of big corporates, governmental bodies, iKare is perfectly positioned to support the unique growth challenges of sustainable startups.



Cyprus based, Gommyr offers unique expertise and insight into the financial, strategic and economic issues in the sector of sustainable microgrids and renewable localized generation. We are focused on supporting our partners in order to execute their projects. This includes evaluating the underlying economics of projects, developing sustainable business models and identifying and securing financing for projects.

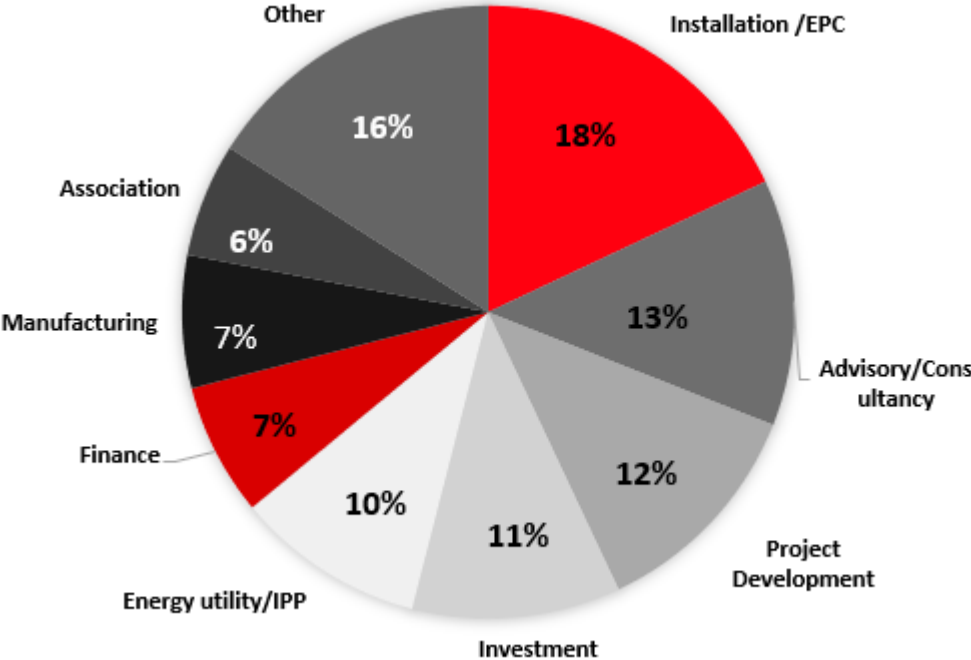
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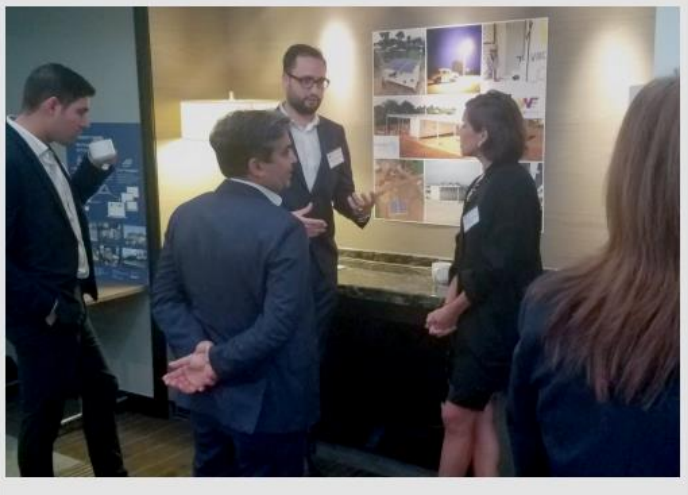
Brightmerge provides an enterprise SaaS platform based on proprietary machine learning and big data decision-making solution that automates the design, development, build and operation of renewable energy microgrid systems. Brightmerge end-to-end platform offers smart risk mitigation which will drive microgrid adoption resulting in a greater return on investment. Visit <https://www.brightmerge.com/>

Previous Editions of SGO's Related Microgrid Global Innovation Forum

London, September 2019 Attendee Demographics:



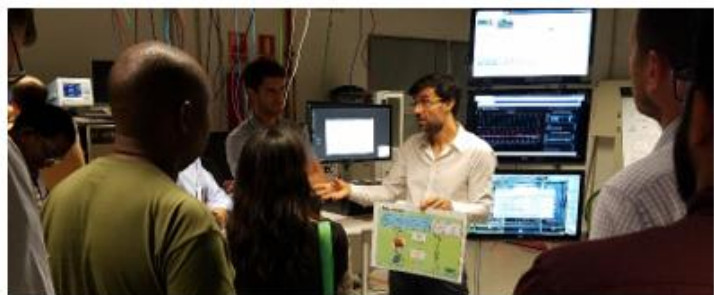
London, September 2018



Washington D.C., March 2018



Barcelona, September 2017



Feedback on Previous MGIF Editions

"The conference was very well organized, offering rich content and excellent networking opportunities"
- Zoheir Rabia, Global Product Manager – Microgrid Solutions, ABB

"Intra-disciplinary approach leads to this Forum as the premier program in microgrid innovations and thought leadership."

-- Michael J. Zimmer, Washington Counsel, Microgrid Institute

"Excellent. I have benefitted from hearing quite an array of perspectives and case studies. You have brought together a wealth of talent that generated great dialog and will stimulate cross-fertilization."

-- Larisa Dobriansky, Chief Business & Policy Innovation Officer, General Microgrids

"One of the best, with highest quality presenters on timely topics."

-- David E. Geary, PE, Co-Founder and Principal Engineer, DC Fusion

"The conference had a very good mix of academia, research, manufacturers, developers and investors."

-- Dr. Maria Bruccoli, Research Engineer - Smart Energy Systems, EDF Energy R&D UK Centre

About the Organizer



Chicago based, the *Smart Grid Observer* is an online information portal and weekly e-newsletter serving the global smart energy industry. SGO delivers the latest news and information on a daily basis concerning key technology developments, deployment updates, standards work, business issues, and market trends driving the smart grid industry worldwide. Visit www.smartgridobserver.com to sign up for a complimentary subscription. SGO sponsors include:



Symposium Venue:

The Landmark Nicosia 98 Archbishop Makarios III Avenue, Nicosia, 1077, Cyprus



Registration

Your registration includes:

- Attendance at all seminar sessions on June 10-11, 2020
- Continental breakfasts, coffee breaks, lunches, and drink receptions
- PDF copy of all presentations
- Copy of attendee list

<u>Registration Type</u>	<u>Early Bird (Good Thru May 1,2020)</u>	<u>After May 1</u>
Standard (vendors, consultants, service providers)	€ 895.00	€ 995.00
Government, Academic & Non-Profits	€ 695.00	€ 795.00

To register securely online, visit:

<http://www.microgridinnovation.com/Nicosia/register.htm>