The microgrid opportunity around the world continues to grow significantly. In 2018, the Global Microgrid Market size was 11,400 million US$ and is expected to reach 34,600 million US$ by the end of 2025, with a CAGR of 14.9% during 2019-2025. The reasons for this expected positive development include the falling cost of solar energy, advances in energy storage, the drive to mitigate climate change, and the cost savings associated with minimizing fossil fuels in remote generation systems. In addition, microgrids will play a central role in bringing electrification to rural and developing regions in which access to reliable, clean and affordable energy is a high priority.

The 13th edition of the Microgrid Global Innovation Forum, September 8-10, 2020 in London, focuses on microgrid advances, case studies and applications in Europe, Africa, Asia-Pacific, and Latin America. The emphasis is on maximizing the effective use of renewable and distributed energy resources, refining the positive business model for a range of microgrid deployments, and sharing real-world case studies in both grid-tied and off-grid/remote environments.

- Microgrid feasibility, design, and implementation
- Refining the business case for off-grid, remote, and island microgrids
- Solar + storage advances
- Project financing and investor perspectives
- Determining the correct technology mix for hybrid energy systems
- Advanced battery, fuel cell, and flow battery technologies
- Microgrid power control, management, and integration
- Integrating distributed renewable energy resources into the grid
- Effective project evaluation, implementation, and management
- Regulatory and public policy advances
- Standards and interoperability issues
- Market drivers and opportunities worldwide
- And more

"Great overall view of microgrids, problems, advantages and financing. Real case scenarios and feedback from developers, and pilot projects."
-- Pedro Sonne, EFACEC

"Great conference, a learning and sharing place for all the actions of microgrids. Practical experiences with real projects."
-- Stephane Jamet, ENEDIS (France DSO, an EDF subsidiary)
Sample Attendee Feedback

"We were extremely impressed with the range of critical topics that were discussed at the event. A truly informative, engaging and memorable conference. We are looking forward to the next one!"

-- Rick Sander, CEO, Rhombus Energy Solutions, Inc.

“The networking opportunities were splendid with lots of interesting talks from companies doing great work.” -- Robert Cunningham, Director, RVE.SOL

"The conference had a very good mix of academia, research, manufacturers, developers and investors." -- Maria Brucoli, Research Engineer - Smart Energy Systems, EDF Energy R&D UK Centre

"Excellent event to get knowledge about the latest innovations, share ideas and experiences, as well as the opportunity to generate new partnerships. Best part was contacting with so many different areas of business and geographies.” -- Hugo Silva, Business Development and Project Manager, Enercoutim

"The conference was great and very informative for me. It was great to see speakers from government and military, as well as speakers working on the modeling software and real projects in rural and remote areas. The technical information was great too."

-- Samina Ali, Solar Energy Consultant, Boreal Renewable Energy Development

"The breadth and depth of knowledge and expertise was really impressive." -- Paul Cullum, Product Development Manager, HSB Engineering Insurance

"Very good, well organized and informative. I liked the diversity of presentations - academic, economic, technical and commercial.” -- Dr. Mohammad Sedighy, Principal Consultant, Hatch Electro-Technologies
The Microgrid Global Innovation Forum focuses on the latest technology advances and business models for the deployment of hybrid renewable energy microgrids in grid-connected and off-grid (remote, rural and island) environments. A series of in-depth presentations and interactive panel discussions will examine the most recent technology advances, case studies, and lessons learned to date. Individuals who wish to deliver a presentation or organize a panel session should submit the following:

1. Speaker name, title, company, and contact information
2. Presentation title (or title of panel session)
3. Abstract (150-200 words)
4. Speaker biography and photo
5. Bullet list of 3-4 Key Learning Points from the presentation or panel session

Proposals should be emailed to info@microgridinnovation.com by April 1, 2020.

- We ask that proposals be non-commercial in nature. Submissions will be carefully reviewed by the Program Advisory Group to ensure depth of information and relevance to the program.

- Sponsorship of the Forum is not a requirement for participating as a speaker. However, there are a limited number of sponsorship options that do involve a speaking engagement.

- Presentations that emphasize case studies, best practices, and real-world results are particularly welcome.

**Topics to be covered include:**

**Business Issues, Opportunities and Challenges**
- Business models, economics, and financing for microgrid projects
- Case studies and latest lessons learned in off-grid, rural, remote, and island microgrid systems
- Grid-tied, utility distribution microgrids and integration with the larger grid
- Solar PV + energy storage applications
- Microgrids as a strategy for grid resilience and outage management
- Microgrid design for minimizing cost and integrating renewables
- Non-technical issues in microgrid planning and deployment
- Next-generation Virtual Power Plants (VPPs), nanogrids and microgrids
- Regulatory and public policy trends and developments
- Optimizing hybrid, renewable energy systems for island, remote, and rural deployments
- Microgrids and Transactive Energy
- Evolving the traditional utility business model

**Technology Advances, Applications, and Case Studies**
- System architectures and alternatives
- Microgrid design, analysis, and feasibility planning tools
- Microgrid power control systems
- Solar generation microgrids for rural applications
- Increasing the utilization of renewables and sustainable energy sources
- System modeling and analytical tools
- Energy storage advances: flow batteries, fuel cells, advanced batteries, etc.
- Emerging technologies and latest applications
- Standards and interoperability issues
- System monitoring, management, operations and control

For further information or to discuss a submission, contact us at info@microgridinnovation.com or +1-815-310-3343
Attendee Demographics:
Past Attendees Include:

- 3Angle Capital
- Aalborg University
- ABB
- Acciona Energía
- Adaptive Balancing Power
- Akuo Energy
- Alliance for Rural Electrification
- Altairnano
- Ameren
- Anbaric Power LLC
- APESF
- Aquion Energy
- Arelis Group
- Associação de Energias Renováveis
- BC Institute of Technology Centre
- Benoolland
- Black & Veatch
- Boeing Research & Technology Europe
- Boreal Renewable Energy Development
- BU Africa
- Burns & McDonnell
- Canadian Solar
- Catalonia Institute for Energy Research (IREC)
- CERTS Microgrid Project
- CE Institute of Technology Centre
- CPG Advisors
- CSEM SA
- Customized Energy Solutions
- cyberGRID GmbH
- DEG - German Investment Corporation
- Deutsche Investitionen- und Entwicklungsgesellschaft mbH
- Distributed Generation Ltd
- Distributed Sun LLC
- DNV GL
- Duke Energy
- Dynamic Energy Group
- Dynapower Company LLC
- E.ON UK
- EDA RENOVAVEIS
- Edison International
- EDP
- EDP DISTRIBUIÇÃO
- Efacent Power Solutions
- Electric Power Research Institute (EPRI)
- Emerson Network Power
- Eneco B.V.
- EnerCo
- Enercon GmbH
- Enercuitin
- Energy Storage Report
- Energyn
- EnerNex
- Engie
- Enphase Energy
- Ensol Tanzania Ltd
- ERDF
- ERENE RENEWABLE ENERGY
- ETAP
- EURELECTRIC
- Fluidic Energy
- Fluchtut
- Freie Universität Berlin
- Fronius España S.L.U.
- Fronius International GmbH
- Frost & Sullivan
- FuelCell Energy
- GDF Suez
- GE Power & Water
- General Microgrids
- Gildemeister Energy Storage
- Gommor Power Networks
- Grupo Impresa
- Hatch Electro-Technologies
- Honeywell
- HSB Engineering Insurance
- Idaho Power Company
- Industrie Canada
- Ingeteam Power Technology, S.A.
- Innohtep Think Tank for Innovation in Energy & Cleantech
- INTRACOM DEFENSE ELECTRONICS
- IPERC
- IREC
- janom s.r.o.
- K2J Environmental
- Keystone Steel & Wire
- Korea Polytechnic University
- Landis + Gyr
- Lawrence Berkeley National Lab
- Leclanché SA
- Leidos
- Lockheed Martin
- Lux Research
- Marsh Creek LLC
- Martifer Solar
- MC Consulting
- MinesParisTech
- Mitsui & Co. Ltd.
- MotuSolar
- Narada Power Source Europe
- Navigant Research
- NEDO
- Nematoc
- NextEra Energy
- Northern Power Systems
- NovaTech LLC
- Olddata spa
- Omron
- OPAL-RT Technologies
- Oxford University
- Pareto Energy
- Peerless Lighting
- Power Analytics
- Princeton Power Systems
- QIDO Energy Development
- Qinuos GmbH
- R.E.S. Ltd.
- Redflow Europe GmbH
- RELUMO
- REPpower Systems Inc.
- ResoTek, Inc.
- Rhombus Energy Solutions
- Robert Bosch España, S.L.U
- RVE.SOL
- S&CE Electric
- Sail Capital Partners
- San Diego Gas & Electric
- Sandia National Lab
- Saudi Aramco
- Saviva Research LLC
- Schneider Electric
- SCLE SFE
- sg++
- Shaldor
- Shimizu Corporation
- Siemens AG
- SMA Iberica Tecnologia Solar, S.L.U.
- Smart Com d.o.o.
- Smart Hydro Power
- SOFRECO
- Southern California Edison
- Spanish National Center on Hydrogen
- Spira, Inc.
- Sunco Energy SL
- SunEdison
- Support2develop
- Susi Partners
- Sustainable Power Systems
- TECNALIA
- 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
- University of California, Los Angeles
- University of Texas, El Paso
- University of the Basque Country
- UPV/EHU
- Varentec
- Vattenfall AB, R&D
- Vestas
- Vieira de Almeida
- Viridity Energy
- Wells Fargo Bank
- Win Inertia
- Winch Energy
- World Bank
- Wuhan Huayuan Fukang Electric
- World Business Council for Sustainable Development
2020 Sponsorship Options:

Gold Level Sponsor

- Top-level logo recognition as Gold-Level Sponsor
- Tabletop exhibit in networking break area
- 4 complimentary conference passes
- 20% off additional registrations
- Logo positioning in Official Program Guide, event website, and email communications
- PDF presentation included in proceedings, with description + link on website
- White paper or press release posted on event website
- Corporate description with hyperlink on event website
- PDF presentation included in proceedings, with description + link on website
- Top positioning of logo in on-site banners and signage
- Dedicated floor-standing banner (provided by sponsor)
- Attendee List provided one week prior to, and following the event, including contact information

Silver-Level Sponsor

- Logo recognition as Silver-Level Sponsor
- Tabletop exhibit in networking break area
- 3 complimentary conference passes
- 15% off additional registrations
- Opportunity to place corporate brochure, white paper, literature, etc. on Media Table
- Logo positioning in Official Program Guide, event website, and email communications
- Corporate description with hyperlink on event website
- Logo positioning in on-site banners and signage
- Dedicated floor-standing banner (provided by sponsor)
- Attendee List provided one week prior to, and following the event, including contact information

Bronze-Level Sponsor

- Logo recognition as Bronze-Level Sponsor
- Tabletop exhibit in networking break area
- 2 complimentary conference passes
- 10% off additional registrations
- Logo positioning in Official Program Guide and email communications
- Corporate description with hyperlink on event website
- Logo recognition in on-site banners and signage

Supporting Sponsor

- Logo recognition as Supporting Sponsor on website and in on-site signage
- Logo positioning in Official Program Guide
- Corporate description with hyperlink on event website
- 1 complimentary conference pass

To arrange your participation, contact us at info@microgridinnovation.com or +1-815-310-3343
About the Organizer

The Smart Grid Observer is a weekly e-newsletter serving the global smart energy industry. SGO delivers the latest news and information concerning key technology developments, deployment updates, standards work, business issues, and market trends worldwide. SGO organizes Forums each year in the areas of clean energy, grid modernization, smart cities, microgrids, cyber security, water-energy nexus and more. For full information and a free subscription, visit www.smartgridobserver.com

Registration

Register securely online at: http://www.microgridinnovation.com/EMEA/register.htm

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<thead>
<tr>
<th>Vendors, Consultants, Service Providers</th>
<th>Before July 15</th>
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<tr>
<td>Main conference only (Sept 9-10)</td>
<td>£795.00</td>
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