

Produced by:



# Green Energy Future South Korea

May 13 - 14, 2020  
Seoul, South Korea

\* Simultaneous Interpretation Provided

Parallel Sub-forum on 14th

○ <sup>2nd</sup> KOREA  
SOLAR + ENERGY STORAGE

○ KOREA   
WIND ENERGY

2020 PROSPECTUS

# Global Leading Partners

## At Leader Associates' Events



## TESTIMONIALS

“Honored to moderate and provide more insights of policies, challenges and opportunities of Renewables Development.”

*Korea Power Exchange*

“Delighted to participate at the Green Energy conference & exhibition, the hottest energy markets right now.”

*Doosan*

“Congratulations for a very well organized event, helpful to meet renewable actors and have a better understanding of the local context in the market.”

*ORIX Group*

“There are great speakers, and good networking in Leader Associates' events, which help meet more professionals in green energy field.”

*Bloomberg New Energy Finance*

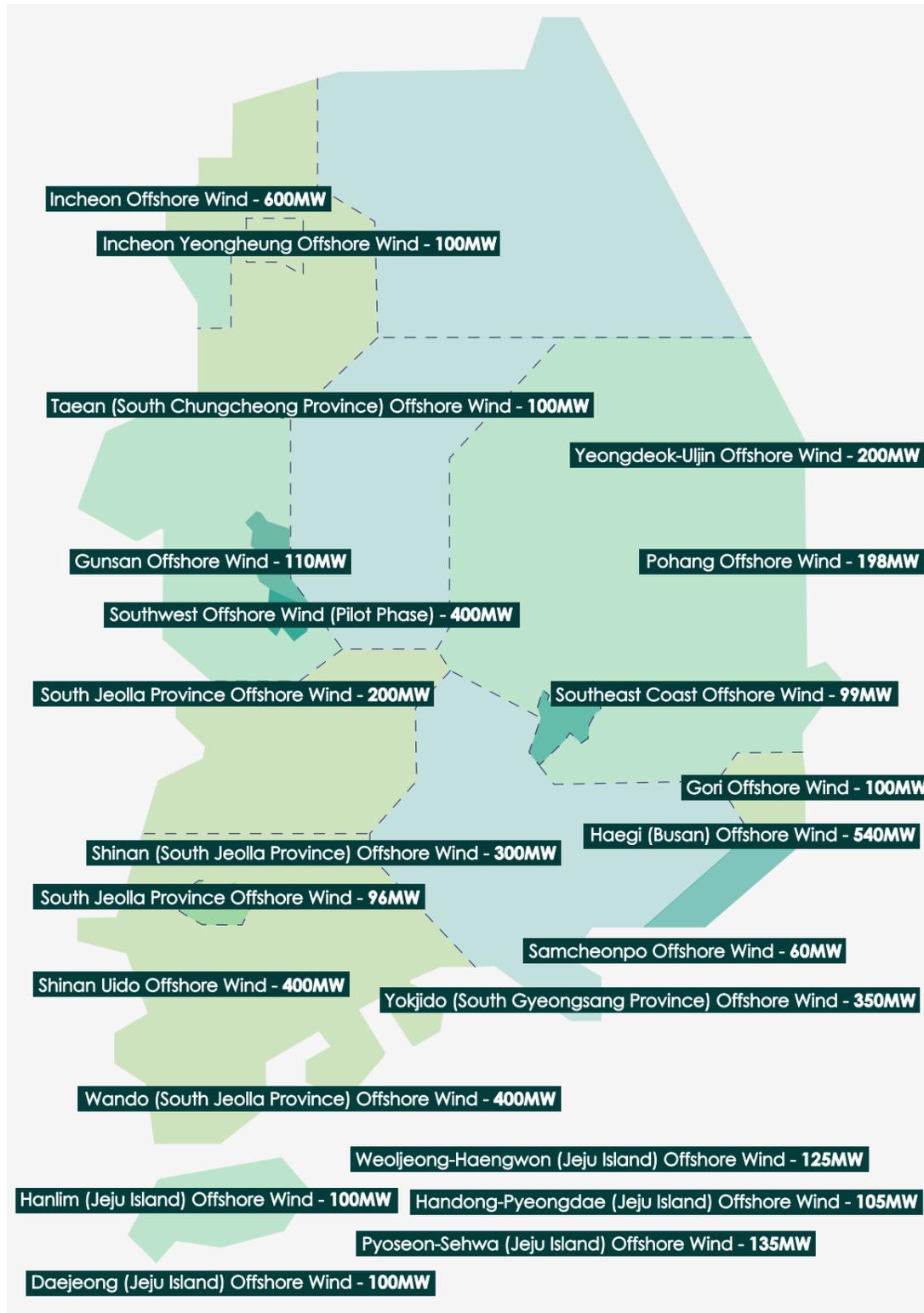
“Honored to have repped ccbpi at the event. We had the privilege of discussing our renewable energy usage in the context of our world without waste initiatives. Maraming salamat po!”

*Coca-Cola Beverages*

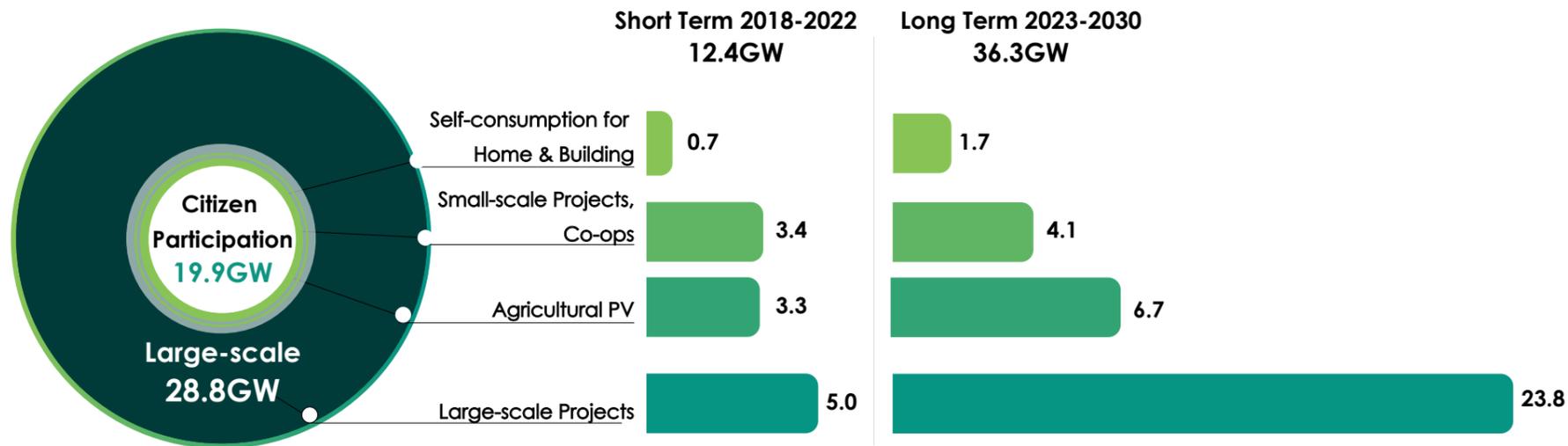
# MARKET OVERVIEW

## Offshore Wind Farms in the Pipeline

a total capacity of **4.8GW** & a total of **22 projects** in 2018 shown as the pic & the total size of **8.19GW** in offshore wind is planned in 2019



## Solar PV & Wind Market Opportunities

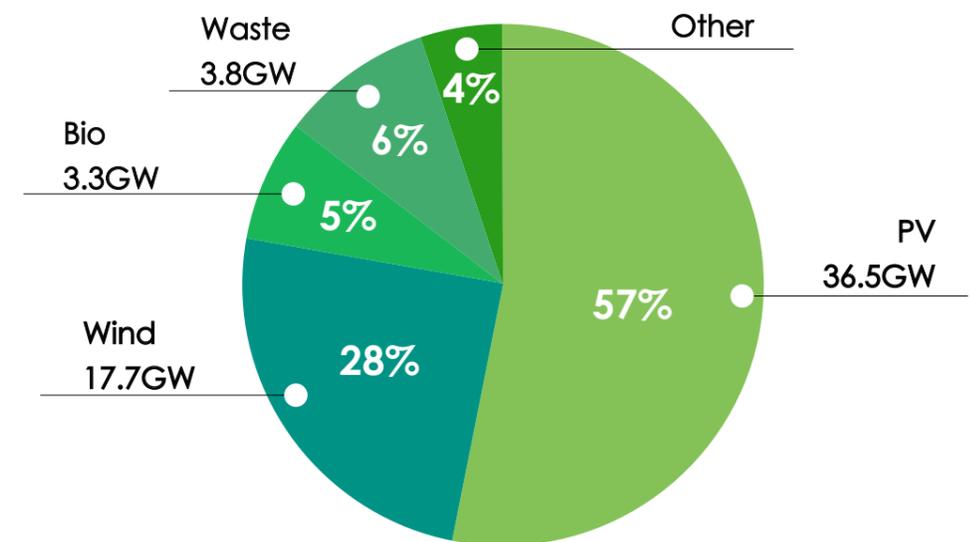


## 2030 Power Mix in South Korea

South Korea, Asia's fourth-largest economy, under the governmental strategy "RE 3020" set out by the Ministry of Trade, Industry and Energy (MOTIE), renewables are targeted to generate 20% of South Korean electricity by 2030.

That is, **more than 95% of new capacity is Solar PV and Wind. Newly 30.8GW of Solar PV and 16.5 GW of wind capacity will be added by 2030.**

Beyond "RE 3020", revised 2040 RE target will be of 30~35% RE in Power mix by 2040.



# Plenary Conference - May 13, Tuesday

08:00 - 09:00 Registration  
Arrival Break

## MORNING SESSION

09:00 - 09:10 Welcome Address

09:10 - 09:30 **Keynote: Forge ahead RE 3020 Target and Beyond**  
 - Renewables are targeted to generate 20% of South Korean electricity by 2030  
 - Newly 30.8GW of Solar PV and 16.5 GW of wind capacity will be added during the period  
 - The power production from renewables reaches 35% by 2040, with a total capacity of 103GW - 129GW

09:30 - 09:50 **Keynote: The Implementation and Interpretation of 1GW Solar City Seoul Project**  
 - The Seoul Metropolitan Government is underway with the 2022 Solar City Plan  
 - Increase the residential solar power sector by adding 1 GW of capacity by 2022  
 - Fit panels on every public building and help the city's 1 million households install them

09:50 - 10:10 **Keynote: System Reliability Evaluation of Renewable + Energy Storage in Korea**  
 - Ways to solve the delays with grid connection of renewable energy systems  
 - The evaluation of applying energy storage

## Coffee Break & Exhibition Visit

10:40 - 11:30 **Panel: Future Priorities for a Steady & Smart Renewable Energy Market**  
 - Methods to fulfillment of RE 3020 to ensure the next step of a long-way energy transition  
 - Bind together in common effort to shape a friendly environment for industry players  
 - Exploit smart technologies to provide benefits to citizens

11:30 - 12:20 **Panel: New Opportunity and Contingency of 3GW Giant Solar + Wind Projects**  
 - 2.4GW PV and 0.6GW offshore wind by 2022 in Saemangeum Area  
 - About KRW 10 trillion of private investment funds is expected to support the Saemangeum project  
 - New breakthrough and contingency planning of participated parties to make it work smoothly

## Luncheon

## AFTERNOON SESSION

14:00 - 14:50 **Panel: Green Energy Enabled "Buildings" on Microgrid**  
 - A significant part of solar will be deployed on the rooftop due to land shortage and low solar irradiance  
 - Policy orientation to "Building": "Renewable Portfolio Standards (RPS)", "Mandatory installation for Public Buildings" and "Subsidy for Homes, Buildings, Local communities"...  
 - From microgrid to energy independent island

14:50 - 15:40 **Panel: The Prevailing of 1MW Small-scale Projects**  
 - MOTIE shows South Korea already exceeded the target of installing 1.63 GW of total solar PV capacity in 2019 in the first 7 months of the year with 1.64 GW deployed by July 2019. At least 92.1% or 1.5 GW of the 1.64 GW capacity came from small scale solar farms of 1 MW or less.

## Coffee Break & Exhibition Visit

16:10 - 17:00 **Panel: Investment and Financing Process of Renewable Energy in South Korea**  
 - Investment and financing in renewables start mature in South Korea and becoming competitive globally  
 - More transparency and more digitalization are taken into consideration within asset management  
 - Huge demand of investment and financing to GW-level growth space

11:30 - 12:20 **"Hydrogen Economy" Debate: Is "+ HYDROGEN" the Only Way to 100% Renewable**  
 - Hydrogen can generate electric power while burning cleanly and has no pollution to environment. The cost-efficient production of renewable-based hydrogen is a win-win combination for economies with high penetration of renewable energy like solar and wind. With solar and wind energy quickly becoming cheap source of power generation under huge global potential, is "+ HYDROGEN" the Only Way to 100% Renewable"? Will the friendly policy cause more needless production pollution?

## COCKTAIL RECEPTION

\* The small print as talking point is for reference only.

# Solar + Energy Storage Forum - May 14, Wednesday

08:00 - 09:00 Registration  
Arrival Break

## MORNING SESSION

09:00 - 09:10 Welcome Address

09:10 - 09:30 **Keynote: Extensive Use of Battery ESS for Improved Performance of Renewables**

- The annual installed capacity of the ESS in South Korea in 2018, 3632MWh, is the largest in the world
- About 55% for peak reduction, 40% for supporting facilities of solar PV and wind power, and only 5% for uninterrupted power supply
- How can ESS display its utmost function to improve the performance of renewable energy

09:30 - 10:20 **Panel: Trend and Necessity of the Times: Distribution Management System**

- According to the national energy plan, distributed power generation should contribute to 18.4% of total generation by 2030
- South Korea government committed to develop smart grid technologies, including smart meters, energy storage systems

## Coffee Break & Exhibition Visit

11:00 - 11:50 **Panel: From Digital Solar + Storage to Smart Self-consumption**

- The key to smart buildings for solar prosumers is energy management systems
- Smart solar & storage prosumers can achieve a physical self-consumption rate of 60 to 90%
- Commercial and industrial buildings can meet 100% self-consumption, only need power during the daytime

11:50 - 12:20 **Technical Box**  
Reserveing for Sponsor

## Luncheon

## AFTERNOON SESSION

14:00 - 14:50 **Panel: Confront the Problem of Battery Energy Storage Safety**

- Increase consumer and stakeholder confidence in battery energy storage production and use
- Identify and understand potential gaps in technology and regulations
- Facilitate future safety solutions and standards

14:50 - 15:40 **Panel: Floating Solar in a Key Stage of Initial Development in South Korea**

- Floating solar has 1.5 times of the REC weighting
- New announced 2.1 GW floating solar PV Plant for Saemangeum Lake
- Adaptability and future innovation of floating solar in South Korea

15:40 - 15:50 Closing Address

## Farewell Afternoon Tea & Net Working

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# Wind Forum - May 14, Wednesday

08:00 - 09:00 Registration  
Arrival Break

## MORNING SESSION

09:00 - 09:10 Welcome Address

09:10 - 09:30 **Keynote: Feasible Wind Power Forecasting Study towards RE3020**  
- Analyze present conditions of wind energy development from the view of both policy and market  
- Ways to meet the target of newly 16.5 GW of wind capacity added by 2030  
- Recommendations for wind project plan

09:30 - 10:20 **Panel: Cultivate an Enabling Wind Energy Environment for both Domestic and International Players**  
- The attraction of South South Korean wind industry to global players  
- How foreign players can open the gate into South Korean more smoothly  
- What developers, investors/ financiers value the most

## Coffee Break & Exhibition Visit

11:00 - 11:50 **Panel: Great Leap Forward to Offshore Wind Development**  
- The target of new installed capacity in offshore wind is 2.6 times larger than onshore wind in the RE3020  
- The total size of 8.19GW in floating offshore wind is planned  
- Higher offshore wind compensation (higher REC weighting) than onshore wind

11:50 - 12:20 **Keynote: Leading Edge Solutions to Secure Wind Project**  
Reserveing for Sponsor

## Luncheon

## AFTERNOON SESSION

14:00 - 14:50 **Technical Box**

14:00 - 14:25 **Case Study: 500MW Floating Offshore Wind Farm in Ulsan**

14:25 - 14:50 **Technical Box A**  
Reserveing for Sponsor

14:50 - 15:40 **Panel: Investment Opportunities under the Flourishing Growth of Wind Energy**  
- New opportunities in the new booming wind energy sector, especially offshore wind  
- Explore investment model of offshore wind in the early stage in South Korea and difference of onshore wind  
- Investors' attitude toward the future wind energy market

15:40 - 15:50 **Closing Address**

## Farewell Afternoon Tea & Net Working

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# MARKETING OPPORTUNITIES

## Premium sponsorship

This option is for proactive companies to have a place to lead the market and grab market share. Sponsorship packages are customized to meet your specific marketing goals, typically including high visibility speaking slots, moderation roles, a large prominent stand and facilitated meetings.

## Co-host events

Why not host the 1-brnd conference and 2-theme forums within one big event and make the best use of your time? You can enjoy the privilege of private luncheons, 1-1 online meeting platform, cocktail reception, and discreet conference zone... Our team will work with you to produce the most relevant format.

## Networking Opportunities

There are over 500 seats available at the conference venue. There's a variety of meeting and networking opportunities available. The earlier you reserve, the better you will seize the opportunities.

## 8 reasons why it is a great marketing opportunity

- 1 Expose your brand to over 1,500 industry stakeholders across the renewable energy sector in South Korea
- 2 Create and reinforce leadership in the day by day maturing market
- 3 Meet and partner with the utilities, policy makers, power producers, investors, developers, large energy users, government bodies and key industry stakeholders in South Korea
- 4 Launch new products, discuss new initiatives and reach new heights
- 5 Gain great market insights of both solar and wind at one time
- 6 Get access to valuable first-hand information and the latest developments
- 7 Establish partnerships and collaborations
- 8 Leverage on our extensive marketing campaign with company information spread widely

## A whole-year fully integrated digital campaign with diversified channels



Your Vision is Our Mission

# NETWORKING WITH YOUR FUTURE PARTNERS

Networking has a huge impact on business and professional development, and we are pleased to create the conditions for you to make full use of your time at #GEFSK 2020.

## Cocktail Reception, Coffee Break & Daily Catering



Enjoy buffet lunches, refreshment breaks, and cocktail reception with all delegates and exhibitors. Expand connections, visit exhibits and discuss business opportunities.

## 1-1 Meetings



More than 500 1-1 meetings are expected to be arranged during the 2-day event through our 1-1 meeting platform, and a discreet 1-1 meeting area will be used for the private meetings.

## Exhibition Visit



Meet and connect with industry specialists, suppliers and product manufacturers to learn about lead-edge technologies and innovations.

## 500+ 1-1 Meetings Successfully Scheduled

Start building business connections and partnerships by using Jublia 1-1 Meeting Platform, our user-friendly event networking and matchmaking service.

## How does it work ?

It is incredibly simple. An unique login link will be sent to delegates and exhibitors two weeks before the event. All you need to do is just signing in the system, and then you can match other attendees based on your intention and meeting invitations.

### 1 Build profile

Add your photo, simple introduction, social media links and more. Display what you want others to know!

### 2 Book 1:1 meetings

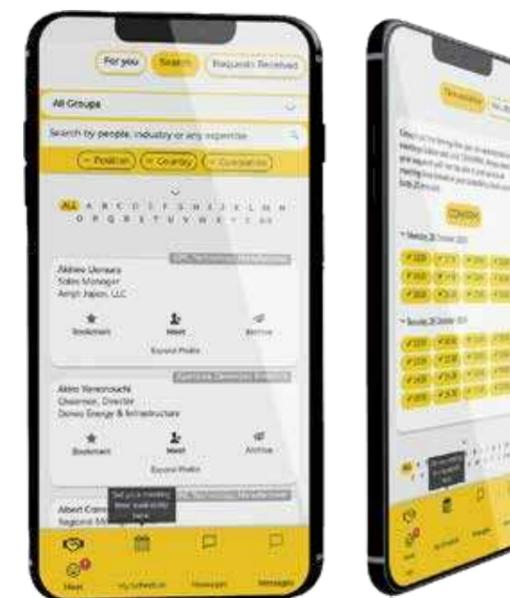
Select time, send a meeting request, and wait to receive a table number automatically.

### 3 Browse top matches

Jublia offers you matches based on what you are looking for and what you can offer. View attendees profiles that are ranked in order of relevance to you.

### 4 Manage event schedule

Go to your schedule to manage your time availability and meeting requests.



1-1 meeting platform will be launched two weeks before the conference

# What is ready for you?



## TRACK KEYNOTE

Take the stage to present your thought leadership to key-position and executive audience. Drill down further to finance, policy and technology development of Green Energy.



## COCKTAIL RECEPTION

Join the GEFSK 2020 Cocktail Reception and enjoy networking with renewable professionals in the South Korea market, which could create the giant possibility to build the partnership with them.



## TRACK PANEL

Get on board with a panel discussion to dive deeply and to exchange ideas of the South Korean renewable market. If you also have interest in showcasing your message to the audience, please feel free to let me know.



## THINKING STAGE

This is the time for you to express ideas to all the attendees at conference room. Let them know what is the valuable insights of challenge and opportunities, as well as get in touch closely with renewable professionals.



## 1-1 MEETING

Secure a private meeting to conduct deeper and engage in more discussions onsite. We have limited 1-1 meetings seats available, so book early to ensure you could meet who you would like to build potential partnership.



## EXHIBITION VISIT

Visit exhibition area in Green Energy Future South Korea 2020 to learn the latest technology and solution of Solar and Wind, as well as to size up a potential partner.

# REGISTRATION

## Registration Pricing

Early Bird	PRICE
By January 20, 2019	USD 1,200
Normal	USD 1,500

## Three Ways to Register

Online: <https://www.korea.greenenergy-future.com>

E-mail: [Starry@leader-associates.com](mailto:Starry@leader-associates.com)

Tel: +86 21 6419 9870 Ext.8118

Printable and Fillable registration forms at <https://www.korea.greenenergy-future.com>

## Each Delegate will be entitled to

- ▶ Full Access Pass: 2-day conference pass, coffee breaks and exhibition
- ▶ Slides and documentation used in presentations and discussions
- ▶ Luncheons, Cocktail Reception as well as Wi-Fi access
- ▶ Company logo shown on event website
- ▶ Online Business Matchmaking Service and 1-1 Meeting Opportunities

**REGISTER BEFORE JAN.20 TO SAVE \$300**  
<https://www.korea.greenenergy-future.com/>

# GROUPS



## Groups Save More

Significant savings for corporate group, along with valuable content for you and every member of your group — sounds like a pretty good deal.

For qualifications and details, visit

<https://www.korea.greenenergy-future.com>

## Groups Participation Package

**Early Bird** by January 20 (2020)

2 delegates	USD 2,300
3 delegates	USD 3,300
4 delegates	USD 4,000
5 delegates	USD 4,500

Group registration is limited to corporate practitioners from the same employing company.