

What is REIF Fukushima 2016 ?

The largest regional exhibition which is specializing for the renewable energy industries.
The largest scale event ever!

Variety of events that lead directly to industry-academia-government collaboration and business

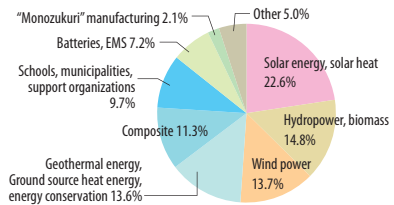
- ◆ Seminars
 - Examples of advanced technologies from companies and research institutes in Japan and overseas
 - Introduction of the latest trends in the renewable energy industry by renowned lecturers
- ◆ Matching support
 - Manufacturers' trade exchange
 - Exhibitor's presentation
- ◆ Field trip
 - Fukushima Renewable Energy Institute (FREI)
 - National Institute of Advanced Industrial Science and Technology (AIST)
 - Fukushima Airport Solar Park (Exhibition and evaluation of 30 panels and stands by 10 countries/regions)

Report of the 4th Renewable Energy Industrial Fair 2015

Scale of exhibition / visitors

- Number of exhibitors
176 companies/groups in 282 booths
1st year: 134 companies/groups in 217 booths, 2nd year: 153 companies/groups in 262 booths, 3rd year: 170 companies/groups in 285 booths
- Number of visitors
Total: 6,369 people 1st year: 4,149, 2nd year: 5,590, 3rd year: 6,080

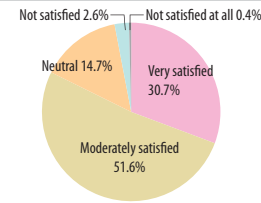
Fields of interest (multiple answers allowed)



Purposes of visiting (multiple answers allowed)



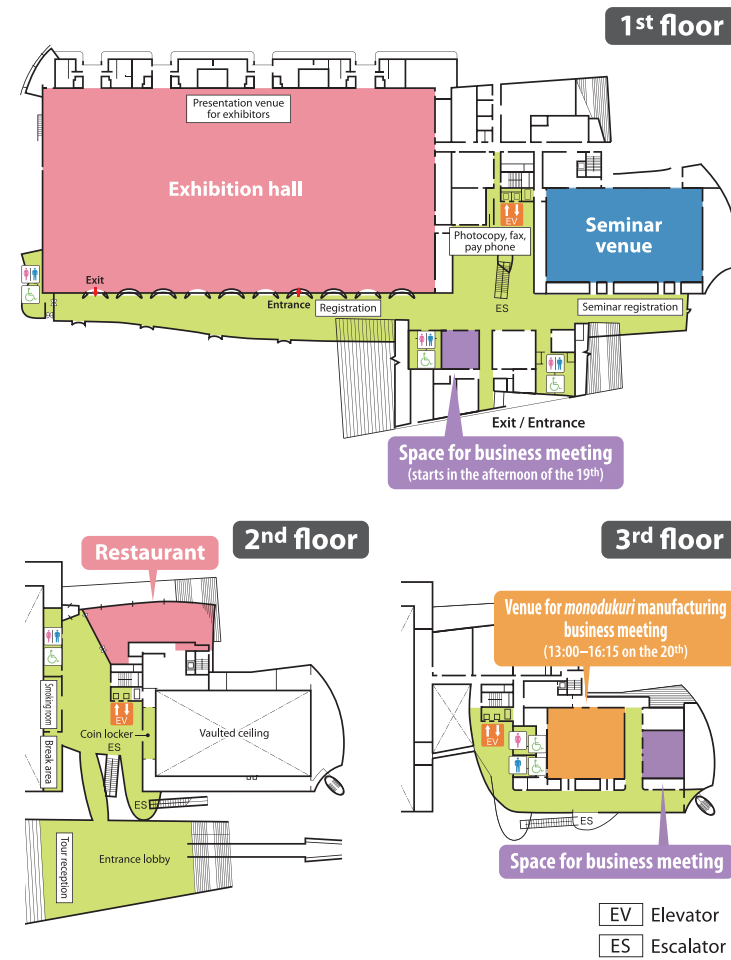
Level of satisfaction



Results of business meetings

Made contact with a new business partner **11,705 cases** 66.5 cases per group

* Total number of business cards exchanged, requests for information materials, provisional agreements made, quotes requested, and appointments for meetings



* "REIF Fukushima" is a nickname for this fair and stands for Renewable Energy Industrial Fair.

REIF Fukushima 2016

—NEXT STAGE—



The 5th Revival of Fukushima Renewable Energy Industrial Fair 2016

Admission is free

Exhibition Seminars Events

October
19 (Wed) - **20** (Thu)
10:00 - 17:00

Venue
Big Palette Fukushima
2-52 Minami, Koriyama, Fukushima 963-0115

<http://reif-fukushima.jp/>

REIF Fukushima Search

Organizer: Fukushima Prefectural Government, Fukushima Center for Industrial Promotion

Sponsors: Reconstruction Agency; Ministry of Foreign Affairs; Ministry of Education, Culture, Sports, Science and Technology; Ministry of Economy, Trade and Industry; Ministry of Agriculture, Forestry and Fisheries; Ministry of the Environment; National Institute of Advanced Industrial Science and Technology; Japan Science and Technology Agency, New Energy and Industrial Technology Development Organization; Japan External Trade Organization; Organization for Small & Medium Enterprises and Regional Innovation Tohoku; Japan Finance Corporation, Fukushima Branch; National Association of Trade Promotion for Small and Medium Enterprises; Energy Conservation Center, Japan; New Energy Foundation; Japan Wind Power Association; Japan Photovoltaic Energy Association; Photovoltaic Power Generation Technology Research Association; Japan Electrical Construction Association; Japan Prefabricated Construction Suppliers & Manufacturers Association; Tohoku Economic Federation; Fukushima Association of City Mayors; Fukushima Association of Towns & Villages; Citizens Conference on Eco-friendly Fukushima; Fukushima Association of Invention and Innovation; Koriyama Area Technopolis Promotion Organization; Koriyama Convention Bureau; Intelligent Cosmos Research Institute; Fukushima Electronic Industries Association; Fukushima Chamber of Commerce and Industry Federation; Fukushima Federation of Societies of Commerce and Industry; Fukushima Federation of Small Business Association; Fukushima Association of Small Business Entrepreneurs; Fukushima Employers' Association; Credit Guarantee Corporation of Fukushima; Fukushima Bankers Association; Industry Association of Fukushima; Fukushima University; Aizu University; College of Engineering, Nihon University; Iwaki Meisei University; Fukushima National College of Technology; Nikkei Inc., Fukushima Branch Office; Nikkan Kogyo Shimbun, Fukushima Branch Office; Fukushima Minpo; Fukushima Minyu Shimbun; Fukushima Telecasting; Fukushima Central Television; Fukushima Broadcasting; TV-U Fukushima

Fukushima is working toward new industrial clusters.

Events in November ● November 19 (Sat): Robot Festa Fukushima 2016 ● November 25 (Fri) to 26 (Sat): Medical Creation Fukushima 2016

Access

Big Palette Fukushima

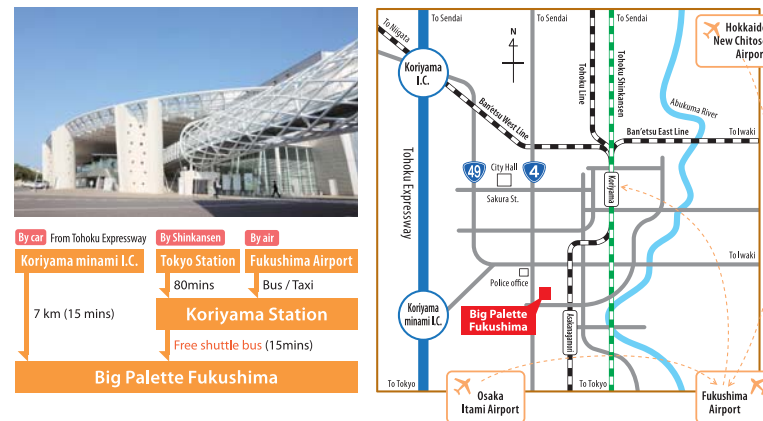
2-52 Minami, Koriyama, Fukushima 963-0115

Free shuttle bus service
Free shuttle bus services are available between JR Koriyama Station and Big Palette Fukushima during the fair.

Contact

Fukushima Center for Industrial Promotion, Technical Support Section

Fukushima High-tech Plaza 1-12 Machiikedai, Koriyama, Fukushima 963-0215
Phone: 024-959-1961 E-mail: reif-fukushima@f-open.or.jp



Exhibition guide map

177 groups, 291 booths

- A** Solar power
- B** Wind power
- C** Hydropower, biomass
- D** Hydrogen, batteries, smart energy, EMS, electric power
- E** Geothermal energy, under ground thermal energy, temperature difference
- F** Composite
- G** Energy conservation
- H** Related manufacturing industry, other
- I** Industry-academia-government collaboration



Provides opportunities for companies and groups in related industries to share technologies, information and engage in business meetings, exchanges, and industry-academia-government collaboration.

Events are free to participate in. Apply in advance.

Seminars

October 19 (Wed)

10:45 – 12:00 Convention Hall (1F)

Opening seminar
“Let’s start the future of renewable energy from Fukushima”
 Moderator **Yasuhiro Hattori**
 President of the Fukushima Prefecture Renewable Energy Industry Promotion Conference

“Promoting renewable energy in Fukushima”
Kazuhiisa Adachi
 Secretary and Deputy Manager at the Fukushima Renewable Energy Industry Promotion Division

“Japan’s policy for renewable energy promotion and Fukushima new energy communities initiative”
Tetsushi Yoshikawa
 Manager of the Policy Planning Div. in the Energy Conservation and Renewable Energy Dept. at the Agency for Natural Resources and Energy

“Together with local communities: JR-EAST Energy Development’s renewable energy project”
Yukito Watanabe
 Manager of the Business Development Dept. at JR-EAST Energy Development Co., Ltd.

“Smart power strips from Fukushima and our efforts to visualize power consumption with the technology”
Masayuki Hisada
 President and CEO of Aizu Laboratory, Inc.

13:00 – 14:10 Convention Hall (1F)

REIF Keynote Speech
“Think about the future of Fukushima: Renewable energy and population issues”

Mr. Hiroya Masuda, who served as Chairman of the Working Group on Population Decline at the Japan Policy Council, will talk about the future of Fukushima, focusing on renewable energy and population issues.

Hiroya Masuda
 Visiting Professor of the Graduate School of Public Policy at the University of Tokyo



October 20 (Thu)

10:30 – 12:00 Convention Hall A (1F)

Seminars for international economic exchange (Part I)
 *Simultaneous interpretation available

1. “Collaboration between NRW, Germany and Fukushima in the field of renewable energy”
“Fukushima is pursuing collaboration with NRW, Germany”
Kazufumi Yoshida
 Industry Creation Section Manager
 Commerce, Industry & Labour Dept. of Fukushima Prefecture

“Entrade’s technology and its joint project with Fujita construction Industry”
Julien Uhlig
 CEO of Entrade Energiesysteme AG

2. “Presentations by NRW, Germany”
“An energy shift and a power-to-gas project in NRW, Germany”
“Introduction of eight exhibitors from an advanced region, NRW, Germany”
Dr. Frank-Michael Baumann
 Representative of Energy Agency, NRW
 [Company introduction]
 Entrade Energiesysteme / 2G Energy / Oeko-Zentrum NRW / GRENOL / Windtest Grevenbroich* / Multicon* / KSW Bioenergie* / GKN Powder Metallurgy*
 Companies marked with an asterisk (*) are first timers. Presentations will be given.

15:00 – 17:00 Convention Hall (1F)

FREA Renewable Energy Seminar
“For Fukushima to become a pioneer in renewable energy”
 * FREA is an acronym for the Fukushima Renewable Energy Institute, AIST.

1. “Current status and future of FREA”
Yoshiro Owadano
 Director-General of the Fukushima Renewable Energy Institute
 National Institute of Advanced Industrial Science and Technology (AIST)

2. “Issues in introduction of renewable energy in large amounts and FREA’s research strategy”
Shigeru Niki
 Director at the Renewable Energy Research Center
 National Institute of Advanced Industrial Science and Technology (AIST)

3. “Trends in research & development of perovskite solar cells”
Yuji Yoshida
 Deputy Director of the Research Center for Photovoltaics
 National Institute of Advanced Industrial Science and Technology (AIST)

4. “Development of an ultrahigh-resolution offshore wind atlas for expanding the development of offshore wind power”
Susumu Shimada
 Researcher at the Wind Power Team
 Renewable Energy Research Center
 National Institute of Advanced Industrial Science and Technology (AIST)

5. “Overview and future development of the Smart System Research Facility”
Kinya Sakanishi
 Acting Director-General of the Fukushima Renewable Energy Institute and Manager of the Distributed Power Supply Facility Operation Dept.
 National Institute of Advanced Industrial Science and Technology (AIST)

6. “The latest topics about hydrogen energy technology”
Hirohide Furutani
 Deputy Director at the Renewable Energy Research Center
 National Institute of Advanced Industrial Science and Technology (AIST)

13:00 – 14:00 Convention Hall (1F)

REIF Special Lecture
“A trump card in renewal: Geothermal energy will save Japan!”

Mr. Jin Mayama, author of the NHK Saturday TV drama Hagetaka, will confront Japan’s energy issues head-on. The business novel writer will examine the possibility of geothermal power generation, a clean energy that will change our future.

Jin Mayama, novelist



14:50 – 15:40 Convention Hall A (1F)

Seminar for international economic exchange (Part II)
 *Simultaneous interpretation available

1. “Denmark’s challenge to 100% renewable energy: Focusing on approaches to heat supply using biomass”
Izumi Tanaka
 Senior Commercial Officer, Energy and Environment at the Royal Danish Embassy

2. “Latest trend in renewable energy in Flanders, Belgium”
Dirk De Ruyver Japan Representative at Flanders Investment & Trade

“Production of biogas from agricultural ecosystems and potential utilization of fallow land”
Jan Smis Dranco Project Manager at Organic Waste Systems NV

Presentation by exhibitors (held on the special stage in the exhibition hall)

Opens	October 19 (Wed)	Opens	October 20 (Thu)
10:30	Tohoku Bureau of Economy, Trade and Industry	10:30	Kogakuin University / Japan Science and Technology Agency (JST)
11:00	Sanyo Trading Co., Ltd.	11:00	Ishaya Electronics Corporation
11:30	Spanner KK	11:30	Japan Small Hydropower Co., Ltd. / CNK Hydro-Energy, K.S.
12:00	Smart House	12:00	Nyoei Corporation & SAISEI
12:30	The University of Edinburgh & Kitashiba Electric Co., Ltd.	12:30	Chiyoda Trading Corporation
13:00	KMR Co., Ltd.	13:00	Energia Inc.
13:30	Eco-Energy Systems, Inc.	13:30	Hasegawa Kankyo Netsugaku & Shizen Fuyoku Hatsuden
14:00	ABLYTEK Co., Ltd.	14:00	Mitsubishi Electric
14:30	Kodensya	14:30	Freight Farms, Inc.
15:00	Yuki Corporation	15:00	Shutech Co., Ltd.
15:30	Photovoltaics Inspection Association	15:30	Kyowa Engineering Consultants Co., Ltd.
16:00	ClassNK		