

New Support Program for Development and Industrialization of Renewable-Energy-Related Technologies of Companies in Disaster Areas

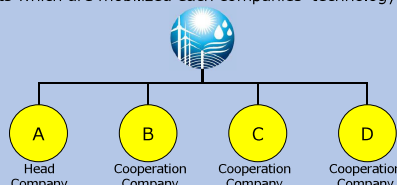
(Formerly Program for Promoting Technologies Invented by Industry in Disaster Areas in Tohoku)

◆ Objective

- FREA provides support for commercializing renewable energy related technologies and know-how held by companies located in the three prefectures struck by the 2011 Tohoku Earthquake and Tsunami (Fukushima, Miyagi and Iwate prefectures), and tries to make new industries in disaster areas by successful results.
- From FY2018, FREA emphasizes to support consortium of companies in disaster areas based on technology achievement in the former program.

Consortium Type

A company (called "Head Company") which has branch of research or manufacture in disaster areas collaborates with multiple companies (called "Cooperation Company"). By doing this, FREA supports for commercializing and development renewable energy products which are mobilized each companies' technology Seeds.



Individual Type

FREA provides support for commercializing renewable energy related technologies and know-how held by companies located in disaster areas.

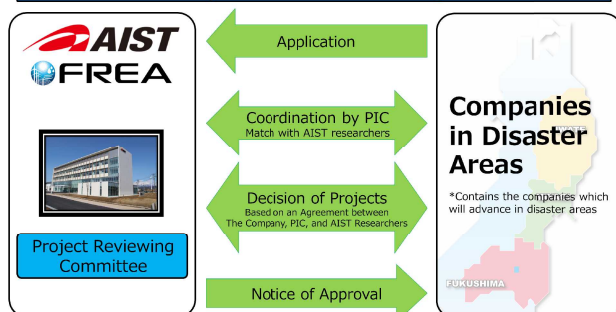
*Same as Formerly Program.



*Number of Formerly Projects to date

FY2013:11 FY2016:19
FY2014:27 FY2017:25
FY2015:25 **Total:107 projects**

Description of The New Program



◆ Field

PV (excluding construction method), Wind, Geothermal & Shallow Geothermal, Energy Storage, Renewable Energy Management

◆ Support Target

Companies in Disaster Areas or Consortium of Companies dominated by a company in disaster areas

◆ Term

From the day of adopting to the end of financial year

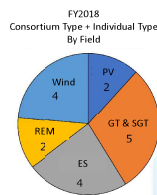
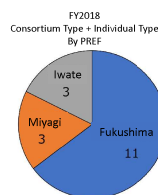
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◆ Consortium Type

*Blue=Head Company

Wind Power Generation Field			
Research and Development of LIDAR Assessment Technology at Multi-Terrains			
Fukushima-Power Co., Ltd.	Fukushima City, Fukushima Prf.	JR-EAST Energy Development Co., Ltd.	Minato-Ku, Tokyo
Geothermal and Shallow Geothermal Generation Field			
Practical realization of Geothermal Well and Hot-Spring Well Utilization Technology by Using Heat Proof Type Borehole Scanner			
BOA Co., Ltd.	Kurihara City, Miyagi Prf	MITSUBI MINERAL DEVELOPMENT ENGINEERING CO., LTD.	Shinagawa-Ku, Tokyo
Geothermal Engineering Co., Ltd.	Takizawa City, Iwate Prf		
Geothermal and Shallow Geothermal Generation Field			
Standardization of Thermal Response Test by Using Geological Surveying Hole and Creating The Apparent Thermal Conductivity Distribution Map in Fukushima Pref.			
Fukushima GSHP Development Limited Liability Partnership			
Fukushima Chika-Kaihatsu Co., Ltd.	Koriyama City, Fukushima Prf	JDF Co., Ltd.	Iwaki City, Fukushima Prf
Fukushima Computer System Co., Ltd.	Koriyama City, Fukushima Prf	Misawa kankyo Gijutsu Co., Ltd.	Aizu-Wakamatsu City, Fukushima Prf
Shinkyo-Chisui Co., Ltd.	Koriyama City, Fukushima Prf	SANBONSUGI GEO-TEC Co., Ltd.	Fukushima City, Fukushima Prf
Geosystem Corporation Co., Ltd.			
Photovoltaic Field			
Development of PV Module "Fukushima Model"			
INFINI Co. LTD	Naraha Town, Fukushima Prf	CAVAME Co., Ltd.	Kitakata City, Fukushima Prf
Asaka Riken Co., Ltd.	Koriyama City, Fukushima Prf	SANNO Co., Ltd.	Koriyama City, Fukushima Prf
KUNIMINE INDUSTRIES CO., LTD.	Iwaki City, Fukushima Prf	SANNOU Co., Ltd.	Sendai City, Fukushima Prf
Energy Storage Field			
Research and Development of Technology and Operationalization toward The Hydrogen Energy Society			
KITASHIBA ELECTRIC CO., LTD.	Fukushima City, Fukushima Prf	Apollo Gas Co., Ltd.	Fukushima City, Fukushima Prf
NIPPON CHEMICAL INDUSTRIAL CO., LTD.	Miharu Town, Fukushima Prf	SANNO Co., Ltd.	Koriyama City, Fukushima Prf
KUREHA CORPORATION	Iwaki City, Fukushima Prf		
Energy Storage Field (H2 and Heat Utilization)			
Development of Thermal Power Generation and Heat Utilization Technology for Spread Utilization of Renewable Energy			
Mabuchi Engineering Co., Ltd	Sendai City, Miyagi Prf	ANEST IWATA Corporation	Yabuki Town, Fukushima Prf
Kameyama Iron Factory Inc.			
Renewable Energy Management			
Suitability Assessment of DER Control Technology and Integration Energy Management System			
Aizu Laboratory, Inc.	Aizu-Wakamatsu City, Fukushima Prf	Nippon Koei Co., Ltd.	Sukagawa City, Fukushima Prf
FEPP	Date City, Fukushima Prf		

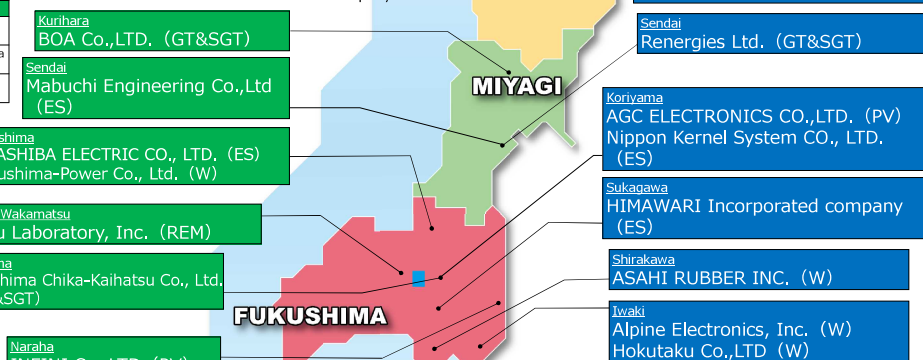


◆ Individual Type

*Same as Formerly Program

◆ Consortium Type

*Head Company



*As of 25 April 2018