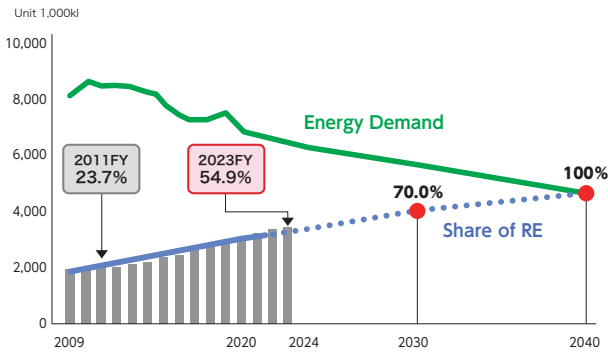
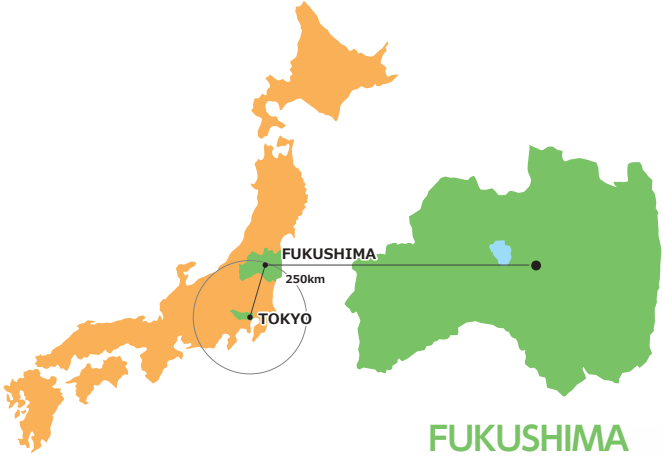


Fukushima's Vision for Renewable Energy



Fukushima Prefecture seeks to position itself as one of the foremost leaders in the field of renewable energy and sees this as the primary pillar of its reconstruction plan. (The Fukushima Revitalisation Plan) Fostering new businesses and creating renewable energy jobs plays a crucial role in this plan that aims that by 2040, renewable energy sources will be enough to meet all of the Prefecture's energy needs.



Fukushima boasts a fantastic range of natural sites including Lake Inawashiro, Mount Bandai and Takizakura, a 1,000 year old cherry blossom tree located in Miharu Town. With an extensive coast, winding mountain roads set amongst beautiful forests, Fukushima is a nature lover and photographer's paradise.

In addition to the natural beauty is Fukushima's proud Samurai history. Tsuruga Castle, located in Aizu in western Fukushima is a faithful recreation of the original castle destroyed in 1868. Visitors can tour the castle and learn of its history and Aizu's place in the Boshin war; the conflict that marked Japan's entry into the modern world. In Fukushima's eastern side, the historic Soma Nomaioi Festival is celebrated. Visitors can watch mounted samurai parades, horse races in traditional armour and experience the sights and sounds of Japan's feudal era.



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STEPPING UP BUSINESSES OF RENEWABLE ENERGY INDUSTRY



Stepping up Businesses of Renewable Energy Industry



Energy Agency.Fukushima
Managing Director

Kinya Sakanishi

I am Kinya Sakanishi, and as of April 2024, I have assumed the role of representative of the Energy Agency.Fukushima.

Energy Agency.Fukushima was established in April 2017 to promote renewable energy and hydrogen-related industries in Fukushima Prefecture in line with our goal to achieve 100% renewable energy by 2040. Today, 14 years after the Great East Japan Earthquake and the subsequent nuclear accident, our motto "Realizing Fukushima One Step at a Time" guides us as we contribute to the dramatic expansion of renewable energy adoption and the construction of leading renewable energy-related industries nationwide. This includes the development of new technologies, the creation of business models and their commercialization, and the training of related personnel to operate this industry.

Furthermore, to contribute to the realization of Japan's Green Innovation Strategy aimed at achieving carbon neutrality by 2050, we are working to build an innovative circular carbon-neutral society model utilizing renewable energy, with Fukushima Prefecture leading the way. This effort is in collaboration with the Fukushima Prefecture Renewable Energy Industry Promotion Research Group, which includes subcommittees on solar power, wind power, biomass, energy networks, hydrogen, and heat-utilization.

Our staff at Energy Agency.Fukushima, in addition to collaborating with companies, universities, and research institutions within Fukushima Prefecture, aim to serve all stakeholders involved in the full-scale reconstruction from the Great East Japan Earthquake through forming networks and matching with renewable energy-related institutions, companies, and universities both domestically and internationally, as well as through personnel exchange.

I would like to thank all our partners for their continued support and look forwards to future cooperation as we move into the future.

Going Forwards, 2020-2040 and beyond.

In April 2021, Fukushima Prefecture’s Governor, Masao Uchibori reiterated his commitment to see Fukushima Prefecture not only meet it’s goal to see 100% of it’s energy requirements met by renewable sources in 2040, but also that Fukushima Prefecture was committed to attaining a carbon neutral status in line with Prime Minister Suga’s declaration that Japan would achieve carbon neutrality by 2050.

Working together with foreign partners, Fukushima Prefecture aims that by the middle of the 21st century, Fukushima will have cemented its position as one of the frontrunners for renewable energy generation in Japan and as one of the key global hubs for renewable energy research and development.

Though it will be a difficult journey to reach such lofty heights, Fukushima Prefecture is dedicated and determined to achieve it’s goals and see that in the future when one thinks of Fukushima, one will imagine beautiful nature, wonderful history, renewable energy and not the terrible events of the 11th of March 2011. an event that will never be forgotten, but should not define Fukushima Prefecture or it’s long, colourful history and bright, optimistic future.

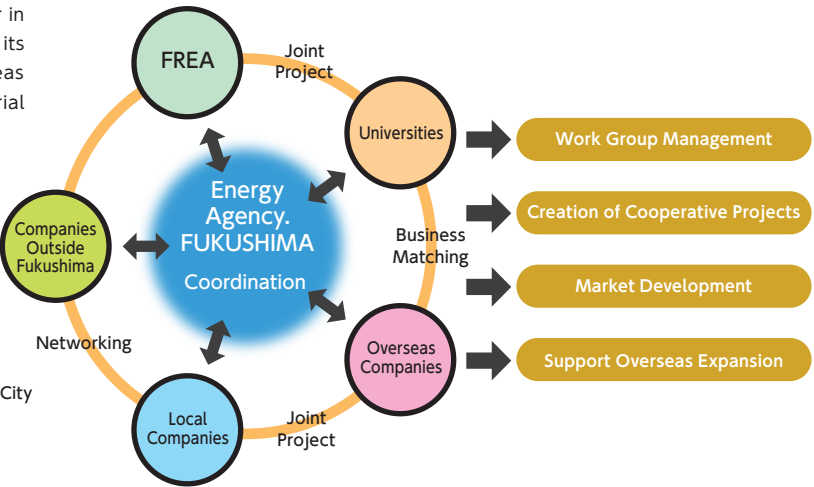
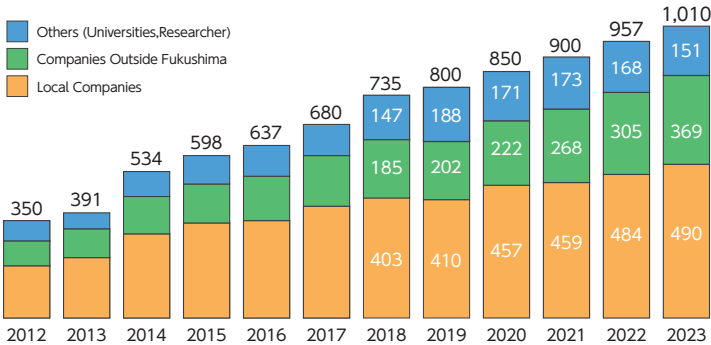
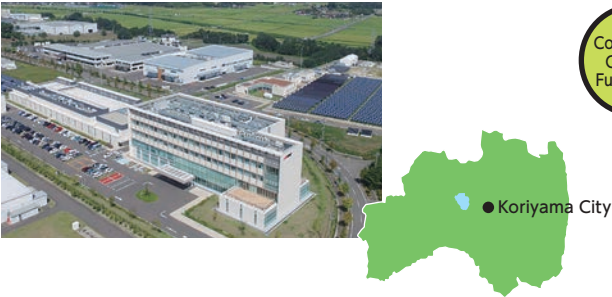


Fukushima Renewable Energy Research Association

Consisting of 1,066 members ranging from companies, universities and organisations in the renewable energy industry, FRERA’s aim is to further the promotion of cluster related industries via the holding of events and sharing developments in the latest technologies.

Fukushima Renewable Energy Institute, AIST (FREA)

FREA was established as a novel research base to further the development of innovative technologies and create a solid foundation as part of Fukushima’s ambition to become a leader in renewables. In it’s 8 years of operation, FREA has continued its twofold mission to further renewable energy R&D with overseas partners and in turn, pass these developments to local industrial clusters and assist in reconstruction and beyond.



Projects for Introducing Renewable Energy

Diverse Renewable Resources in Fukushima

Nunobiki-kogen Wind Farm



Biomass project Iwaki



Abukuma Wind Farm



Biomass project Tanagura



Fukushima Hydro Supply



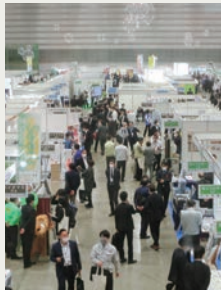
Biomass project Iwaki



Coordination of Market Development Activities

We operate exhibitions that gather the latest technologies and products of renewable energy related industries and will promote the two pillars of The Fukushima Plan for a New Energy Society, "Renewable energy", "Hydrogen society" as the main themes.

To be the frontrunner place of renewable energy, we provide technology, information and communal spaces for the renewable energy related enterprises.



Foreign Market Development and Market Access Programs

NRW.Energy4Climate.

In July 2022, EnergyAgency.FUKUSHIMA signed a Joint Declaration of Intent (JDI) with NRW based NRW.Energy4Climate, the organisation which replaced the older Energy Agency.NRW. E4C’s goal is to expand and promote the uses of renewable energy and by working with EnergyAgency.FUKUSHIMA, ties between NRW and Fukushima can become stronger for our mutual benefit.



Renewable Energy Hamburg

In September 2018, EnergyAgency.FUKUSHIMA signed an MoU with Renewable Energy Hamburg Cluster (REH) which is a renewable energy support organisation based in the State of Hamburg, Germany where renewable energy industry, particularly the wind energy industry is highly advanced. EA. F has participated in both Wind Energy Hamburg and Husum Wind since 2018.



Basque Energy Cluster

In May 2019, EA.F signed an MoU with Basque Energy Cluster (BEC) which is a renewable energy support organisation based in the Basque Country, Spain where renewable energy industry, particularly wind energy industry is highly advanced.



The Fukushima Hydrogen Energy Research Field, (FH2R)

Located in Namie Town, FH2R stands as a symbol of Fukushima’s transformation into a frontrunner in renewable energy and of the commitment between the Prefectural and National governments in Japan. Equipped with a 10MW electrolyser and using a 20MW onsite PC array, FH2R is currently Japan's hydrogen facility. In 2021, FH2R's hydrogen was used by FC buses at the Tokyo Olympics and now R&D is being conducted on fuelling large vehicles and other large-scale projects.

