

Projects to realize a hydrogen society in Fukushima

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About Fukushima Prefecture



Fukushima

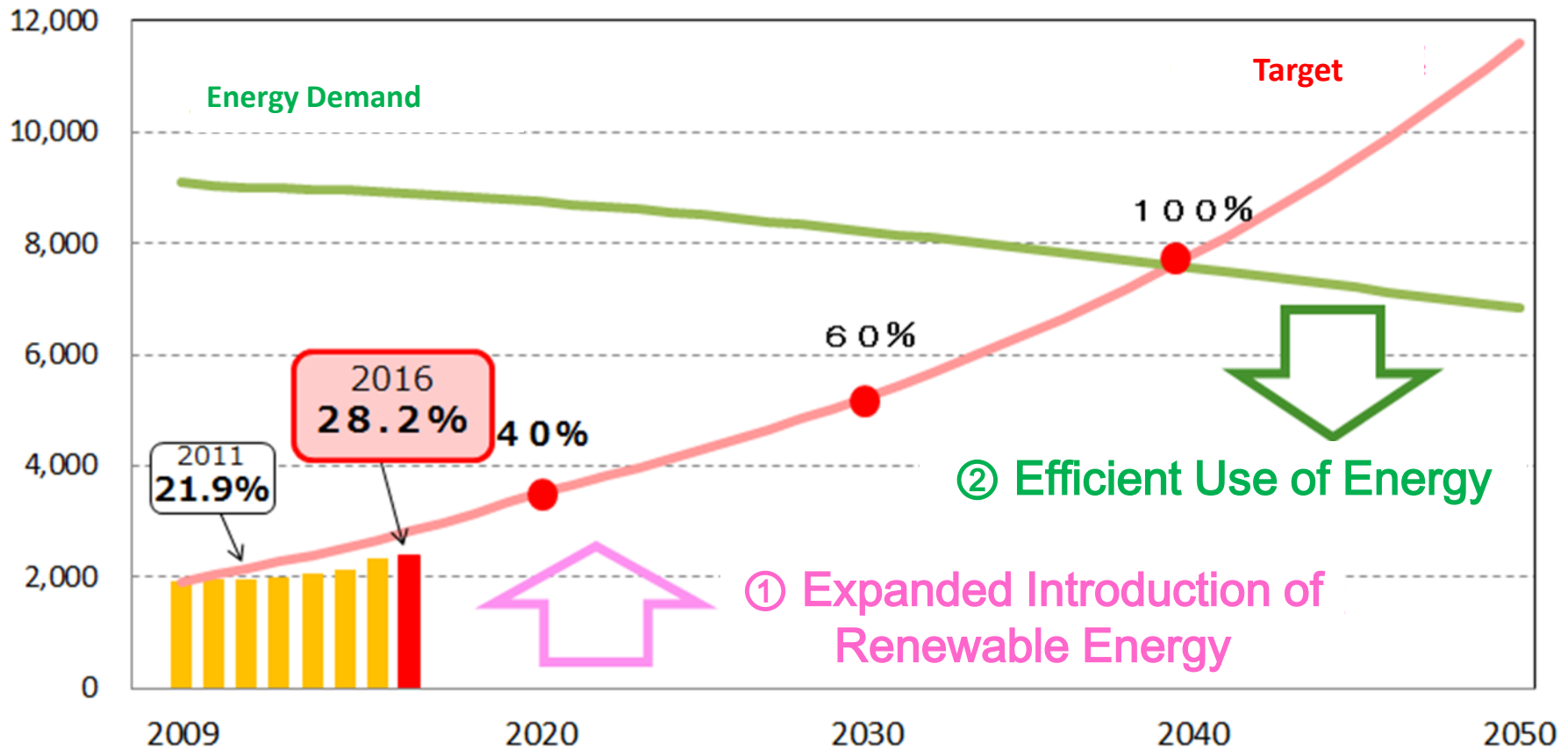
90min. by *Shinkansen*
(Superexpress)

Tokyo

The Target Setting for Renewable Energy in Fukushima

Fukushima is working towards a target of covering 100% equivalent of the prefecture's energy demand by around 2040.

Unit: equivalent to approximately 1,000 kilo liters of oil



Renewable Energy Introduction Projects

Diverse Renewable Resources in Fukushima

Aizu Wakamatsu Wind Farm



Tsuchiyu Onsen Binary Cycle Power Plant



Large-scale Onshore Wind Power Project



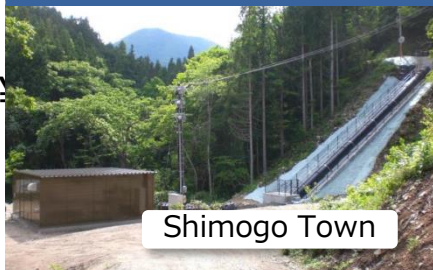
Green Energy Aizu
(Biomass Power Generation)



Onahama PV Project



Hanano-sato
Hydraulic Power Plant



Nunobiki Kogen Wind Farm



Mega Solar Power Plant at
Fukushima Airport



Shitoki Dam Energy Service Company
(Small Hydro Power)



Fukushima Plan for a New Energy Society

Promoting Fukushima
as a Leading Region for
a New Energy Future

Toward the Future
of Fukushima
in 2040

Expanded Introduction of Renewable Energy

Model Construction for Hydrogen-based Society

Building “Smart Communities”

Fukushima Renewable Energy Institute, AIST

- National Institute of Advanced Industrial Science and Technology, one of the largest research institutions in the country became a partner of Fukushima.
- **Fukushima Renewable Energy Institute, AIST (FREA)** was established in 2014.



Hydrogen Filling Station Introduction Project

Introduced RE100% hydrogen filling station for a commercial purpose



FREA
FUKUSHIMA RENEWABLE ENERGY INSTITUTE, INC.



H2

FCV

Mobile H2 Filling Station

FUKUSHIMA
HYDRO SUPPLY

移動式
水素ステーション

立入禁止

禁

水素充電場

水素発生工場

低圧

Framework for Creating a Hydrogen-based Society

One of the Largest in the World! RE-to-Hydrogen Project

“Fukushima-made hydrogen” will be used during the Tokyo Olympic and Paralympic Games in 2020.

