

C4CE

Community Energy Congress 2017

February 27-28, 2017

Community Power Movement in Japan

Shota Furuya

Institute for Sustainable Energy Policies



Data source: Institute for Sustainable Energy Policies, Japan Community Power Association

Google My Maps

Key Figures (preliminary)

Legal Entities

200

Cumulative Solar PV Capacity

45 MW

Cumulative Wind Power Capacity

37 MW

Community Oriented Power Supplier

19



The 1st World Community Power Conference 2016 in Fukushima

Participants from

30 Countries

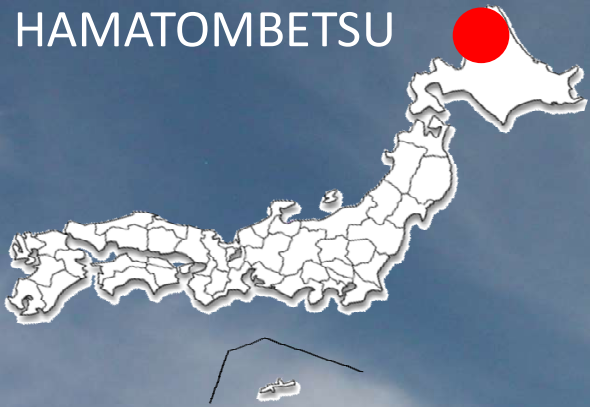
Total number of participants

600 Attendees

Next in Mali, Africa!

Before
Fukushima nuclear
disaster,
pioneers faced hundreds
of problems

HAMATOMBETSU



“Hamakaze-chan”
The First Community Wind
Turbine
by Hokkaido Green Fund

Photo: Hokkaido Green Fund

Ohisama Power Stations
The First Community Distributed Solar PV
Project
by Ohisama Shimpo Energy

IIDA



Photo: Ohisama Shimpo
Energy

After

Fukushima nuclear disaster,
hundreds of people
participated in community
power projects



AIZU, FUKUSHIMA

Oguni Solar Power Station
Solar PV Project in Aizu, Fukushima
by AiPower

Photo: AiPower

IITATE, FUKUSHIMA




Itamizawa Solar Power Station
Local Refugees' Solar PV Project in Iitate, Fukushima
by Iitate Electric Power

Photo: Iitate Electric
Power



Odawara People's Solar Power Station
Community Solar PV Project in Odawara
by Hotoku Energy



TAMA, TOKYO



DiO (Do it Ourselves)
Community Participatory Solar PV Project in
Tama
by Tama Empower

プロと一緒にみんなで作る

DiO メリット

Photo: Tama Empower

A woman with short dark hair, wearing a brown short-sleeved button-down shirt and a red lanyard with a wooden ID tag, stands smiling on a rooftop. The rooftop is covered with rows of solar panels. In the background, a city skyline is visible under a cloudy sky. An inset map of Japan is overlaid on the left side of the image, with a red dot indicating the location of Shizuoka. The word "SHIZUOKA" is written in white capital letters above the map.

SHIZUOKA

Community Center's Roof-Top Solar Power
Station

Solar PV Project in Shizuoka
by Shizuoka Mirai Energy



Community Center's Small Hydro Power Station
Small Hydro Power Project in Itoshiro
by Itoshiro Community Hydro Power Cooperative


Photo: Masaki
Takahashi



TAKARAZUKA

Takarazuka Sumire Solar PV Station
Solar PV Project in Takarazuka
by Takarazuka Sumire Electric Power

Photo: Takarazuka Sumire Electric
Power




NISHIAWAKURA

Wooden Biomass Boiler
Wooden Biomass Heating Project in
Nishiwakura
by Sonraku Energy



TOKUSHIMA

Community Happy Solar PV Station
Solar PV Project in Tokushima
by Tokushima Regional Energy



OBAMA, NAGASAKI

Hot Spring and Geothermal Binary Power Plant

Geothermal Binary Power Project in Obama by Obama Onsen Energy

Photo: Masaki
Takahashi



Community Power Start-Up Symposium by Oratte Niigata Community Power

Let's share
detailed stories
and lessons later
in the session!