

Green Energy Adventure's round trip in Iceland on a fuel cell powered vehicle

In June this year, "Green Energy Adventure" will make a round trip in so-called "Hydrogen Energy Society" Iceland on a vehicle harnessing fuel cells and solar/wind power. The purpose is to show the world the potentiality of local and independent electric power supply making use of fuel cells and natural energy resources together.

The odyssey will be reported simultaneously to primary schools both in Iceland and Japan using the satellite video conference system, resulting in culture exchange between the three parties on clean energy mind.

Iceland has just declared to establish the first Hydrogen Society in the world, so we chose the island to be the field of our adventurous quest for next-generation energy resources.



handmade fuelcell-powered vehicle "hydro-puffin"



stack of fuelcells in hydro-puffin



puffin



photos in courtesy of Iceland tourist bureau

contact address

Green • Energy • Adventure (G.E.A.)

3-30-21 Kuriya Tama-ku Kawasaki-Shi Kanagawa zip214-0039

Tel : 044-953-9667 Fax : 044-953-9657

WEB site <http://g-e-a.net/>

E-mail: info@g-e-a.net

THE PURPOSE

Our goal is not to run through the land Icelandic quickly, but to make apparent the ability of clean energy resources, such as fuel cells, solar cells and windmills. So our movement will be rather gradual.

We also put an emphasis on educational matter, so we take the best advantage of satellite communication and the internet to invite the young generation in both Iceland and Japan to our journey. They will learn how important the energy matter is and feel familiar with the local energy supplying system. Our goal in this context is to introduce the notion “Sustainable Energy Resources” effectively and dramatically to the world.

ICELAND

Iceland is famous for its glaciers and fjords, the northern lights and hot springs. the land is as vast as 100000 km², sustaining only 290 thousand population. It held the first in the world democratic congress in far back to 10th century, and in 1980 elected the first woman president in the modern world. Now, they are keen on creating the first Hydrogen Society on the globe. Already they are among the “cleanest” countries, relying 72% of all energy to just nature, which is Geothermal Heat and Hydraulic Power.

Their future plan coming in 30-50years is to completely abandon fossil energy in favor of Hydrogen Energy. Their trial is already on the way. In Reykjavik, you can see fuel cell powered buses in service. The hydrogen station is operating. The experimental fuel cell fishing boats are operating and they are to make plants to produce Hydrogen in order to export it to the world and domestically they are building up infrastructure for oncoming Hydrogen Society.

The world energy trend is coming from Iceland. They are “Advanced Environmental Energy Country” exactly.

Green Energy Adventure (GEA)

We are a voluntary group who call natural and clean energy resources “Green Energy”,



The founder is Kenji Bamba, who played a vital role in the “Sun Seeker” the Solar Powered Airplane flight over American continent in 1990.



So far, we supplied electric power through solar cells to the P.A. system in some concerts, including “Fuji Rock Festival”. We held several fuel cell model car races for kids. This will be our virgin adventure

Outline of the adventure

- 1) 1400 km round trip in iceland in 15 days .
- 2) When we stop for the night, we quickly set up solar cell panels and windmills to reinforce the fuel cell capability.
- 3) We fulfill “Iceland-Japan Children Meeting Program” for mutual understanding through holding a telecommunication meeting via satellite telephone system between the elementary school in Iceland and Japan. And in the end we hope they become aware of energy matter and environmental topics.
- 4) In our homepage, we report all the information we come by from the preparation of the tour to the happy end of it and after. And during the tour, we try real time communication with the world.



SCHEDULE

The start is dated 11th of June, and we will come back to the capitol 25th
Start/Goal : The Parlan in Reykjavik



Supported by

Iceland Embassy in Japan
Icelandic New Energy Ltd.
KDDI Co., Ltd.
KDDI R&D Laboratories
KDDI Network Solutions Co., Ltd.
Cosmo Wave Co., Ltd.
G2 Create Ltd.
Terrarium Inc.
Japan Steel Works, Ltd.
Panasonic
NPO "Yokohama Education Support Forum"

* We are raising a support company / a group at any time

Kenji Bamba (Project Leader)

After he achieved the Trans-American solar Airplane flight in 1990, he stayed in Japan circumstances and worked at a publishing company. Then, in 2000, he was a member of Mitsuro Oba's Magnetic North pole walk. Now, he is the leader of this project. His final goal is to ride a fuel cell powered vehicle and visit South Pole in the near future.