



Association for the Promotion of Electric Vehicles

APEV REPORT 2013-2014

Leaving a beautiful earth for future generations

It was this strong desire which drove us to establish an organization to promote electric vehicles on June 29, 2010. The goal of the organization is to preserve the global environment and to realize a sustainable society. Now is the time for us to take action so that future generations, including our children and grandchildren, can continue to live a healthy life within a rich natural environment. We believe that this is our responsibility.

In the past few years, major automobile companies and US venture companies have commenced full-scale manufacturing and sales of completed EVs; this move is the “third wave of EVs.” Some domestic and overseas venture companies have started EV conversion businesses that turn vehicles with conventional gasoline engines into electric vehicles. However, explosive growth is not yet seen in the EV market due to their high prices, which show no hint of decreasing, and their limited travel distances between charges.

For small-sized EVs, last year the Ministry of Land, Infrastructure, Transport and Tourism issued guidelines on super micro mobilities, and automobile companies and university laboratories are vigorously engaged in R&D and demonstration experiments related to the commercial viability of this type of EV.

It is our intention to soon realize a world where many consumers choose electric vehicles as their chosen method of personal transportation among all other candidates. We would sincerely like to request your endorsement of our efforts.



Chairman
Soichiro Fukutake

Director and Chairman
Benesse Holdings, Inc.



Chief Commissioner
Nobuhiro Tajima

Chairman and CEO
Tajima Motor Corporation



Commissioner
Hiroshi Fujiwara

Representative Director and CEO
BroadBand Tower, Inc.



Commissioner
Kohei Kusaka

Professor
School of Engineering,
The University of Tokyo



Commissioner
Kazunobu Sato

General Manager, EV Development Center,
Institute for Industrial Technology,
Ehime Institute of Industrial Technology
Visiting Professor, Ehime University
Chairman, Shikoku EV Challenger Committee



Commissioner
Hitoshi Arima

President of dSPACE Japan K.K.
Representative of Yokohama
Smart Community



Commissioner
Takahiro Suzuki

Associate Professor,
Department of Mechanical and Biofunctional Systems/ITS Center,
Institute of Industrial Science, the University of Tokyo, and
Interfaculty Initiative in Information Studies at the University of Tokyo
Senior Policy Administrator, Industry & Labor Department,
Nagasaki Prefectural Government

Advisors

Tadashi Tateuchi (Motor Journalist)

Yoshihisa Murasawa (Advisor, Office of the President, the University of Tokyo)

Counselor

Hisato Hoshi (Special Advisor, Benesse Holdings, Inc.)

Auditor

Yusaku Sato (CPA and Licensed Tax Accountant, Sato CPA Firm)





Make the 21st century an era of environmental improvement through a major transformation of the automobile industry!

Issues of a gasoline-powered vehicle society



The automobile industry accounts for about 20% of the world's total CO₂ emissions.



Economic growth & population expansion in developing countries



Air pollution



Global warming etc...

Change

A "Low-Carbon Society" will be realized by selecting eco-friendly vehicles



APEV was established on June 29, 2010

(Association for the Promotion of Electric Vehicles)

We aim to achieve the greatest outcome by prompt collaborative action to enhance the promotion and implementation of EV



Establishment Assembly and Press Conference at Fukutake Hall (the University of Tokyo)
Mr. Motohisa Furukawa, then Deputy Chief Cabinet Secretary, gave an encouraging message.

Our Objectives

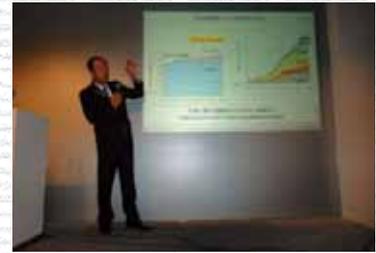
- Creating a network of EV-relevant industries, entrepreneurs who promote EV, research institutions, and other various kinds of organizations to enable them to share information.
- Supporting EV conversion projects developed separately by many people.
- Promoting and supporting the realization of EV strategy for further growth of existing automobile manufacturers.
- Suggesting policies as well as supporting local promotion activities concerning EV in order to make a society that accepts EVs.

About Us

History of APEV (as of August 2013)

2010

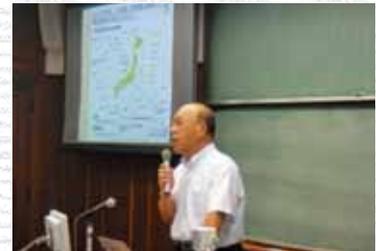
June 29	Established.
July 14–16	Participated in the first Electric Vehicle Development Technology Exhibition (EVEX).
September 4	Delivered a lecture at the Ehime Prefectural Symposium.
October 29–31	Participated in and delivered a lecture at SORAHAKU.
November 5–9	Participated in the Electric Vehicle Symposium (EVS) in Shanghai, China.
December 17	Hosted the APEV Tokyo Symposium.



December 17, 2010
Presentation, "Toyota's environmental technology development strategy," by Mr. Masahisa Nagata, Director of Tokyo Technology, Toyota Motor Corp. at the first APEV Tokyo Symposium

2011

April 27	Released the Safety Guidelines for EV Conversion.
June 30	Hosted the APEV Symposium, "Present Situation and Future Prospects for EV Business in China."
July 15	Hosted the APEV Kansai Symposium at Umeda, Osaka.
July 29	Held the first APEV Regular General Meeting.
September 10–11	Held an APEV local consortium meeting in Nagasaki, and took a trip to observe the Nagasaki EV&ITS Project on the Goto Islands.
October 12–14	Co-hosted the second EVEX. * Maintained an exhibition booth and hosted the symposium.
October 27–29	Co-hosted the Electric Vehicle Industry Exhibition (part of Truck Show 2011). * Maintained an exhibition booth and hosted the symposium.
November 1	Co-hosted the National EV Summit in Shizuoka.
December 3–11	Participated in SMART MOBILITY CITY 2011 with an exhibition booth at the Tokyo Motor Show.



July 15, 2011
Speech by Mr. Tajima, Chief Commissioner at the Kansai Symposium

2012

January 20–23	Exhibited at the Osaka Motor Show.
March 14–16	Supported the 10th International Auto Aftermarket Expo and maintained an exhibition booth.
March 27	Held a press conference to announce the kickoff of 2012 Team APEV with Monster Sport Pikes Peak EV Challenge.
April 12	Cooperated with EV-TAIWAN in Taipei, Taiwan.
May 25	Gave a presentation, "APEV activities for EV promotion," at the Philippines EV Summit in Manila, the Philippines.
June 27	Held an APEV seminar to study guidelines for super micro nobilities. (Invited guest: Director for the Coordination of Motor Vehicle Safety Measures, Road Transport Bureau, Ministry of Land, Infrastructure, Transport and Tourism)
July 31	Held the second APEV Regular General Meeting.
August 12	Team APAV participated in the 2012 Pikes Peak International Hill Climb in Colorado, US.
August 13	Visited the headquarters of Tesla Motors in California, US.
September 19–21	Co-hosted the third EVEX. * Maintained a booth and hosted the symposium.



June 27, 2012
APEV seminar to study guidelines for super micro nobilities

2013

January 15	Held press conferences. 1) Kickoff of the EV Super Micro Mobility Design Contest 2) Kickoff of 2013 Team APEV with Monster Sport Pikes Peak EV Challenge
March 4	Sponsored "Innovation in Transport" super micro mobility seminar (hosted by the Ministry of Land, Infrastructure, Transport and Tourism) in Saitama City, Saitama Prefecture.
March 13–15	Sponsored the 11th International Auto Aftermarket Expo and maintained an exhibition booth.
May 20	Announced the new organization for APEV committee activities.
June 24–30	Team APEV won the 2013 Pikes Peak International Hill Climb in Colorado, US.
July 31	Hosted the third APEV Regular General Meeting and Committees.



March 4, 2013
Presentation at the "Innovation in Transport" super micro mobility seminar

List of Members (as of the end of August 2013)

◆ Regular membership: total of 152 Corporations/Groups

… Foreign companies

Autodesk Inc. (US), Tesla Motors, Inc. (US), TUV Rheinland Japan Ltd. (Germany), dSPACE Japan K.K. (Germany), Dassault Systèmes K.K. (France), etc.

… Japanese companies

Toyota Motor Corporation, Mitsubishi Motors Corporation, SoftBank Mobile Corporation, Honda Motor Co., Ltd., Hitachi, Ltd., Japan Post Co., Ltd., etc.

◆ Special membership: total of 105 (Local governments, research institutions, media)

Overseas organizations

NRW Japan K.K. (Germany)
Ecos Environmental Foundation (Philippines)
Victoria Government Business Office in Tokyo (Australia)
Taiwan Trade Center (Taiwan)
DRISHTEE (India)
Technical Education and Skills Development Authority (Philippines)
Shenzhen Institute of Advanced Technology,
Chinese Academy of Science (China)
Electric Vehicle Technical Institute (US)
Hawaiian Electric Vehicle Network (US)



Domestic organizations

Tomakomai City	Aichi Prefecture	Okayama Prefecture
Nishi-ku, Sapporo City	Nagoya City	Mimasaka City
Shintoku Town	Shizuoka Prefecture	Tottori Prefecture
	Iwata City	Yonago City
Aomori Prefecture	Iga City	Ube City
Shichinohe-machi	Tsu City	
Akita City	Takayama City	Nagasaki Prefecture
Yamagata Prefecture	Ogaki City	Kitakyushu City
Ishinomaki City		Saga Prefecture
Kurihara City	Osaka Prefecture	Saga City
	Kyoto Prefecture	Kagoshima Prefecture
Kamisu City	Nantan City	
Tochigi Prefecture	Hyogo Prefecture	
Saitama Prefecture	Kobe City	
Saitama City		
	Kagawa Prefecture	
Ishikawa Prefecture	Tonosho Town	
Kanazawa City	Ehime Prefecture	
Echizen City	Tokushima Prefecture	
Niigata Prefecture	Kamikatsu-cho	



◆ Public administration: total of 1 – Kanto District Transport Bureau

◆ Supporting membership: total of 108



We regularly update our official website.
(<http://www.apev.jp/news/en/member.html>)

About Us

Our friends overseas

● **APEV New Zealand** <http://www.apev.org.nz/>

Established on October 16, 2011. Membership: about 60 organizations, including Holden NZ, Mitsubishi NZ, NZ Post, as well as universities and research institutions



Photo taken at Auckland EV EXPO in 2012

Objective:

To increase the use of natural energy and to reduce oil consumption by promoting EVs

Activities:

- Cooperates in EV EXPO (see photo).
- Works out guidelines for EV conversion.
- Hosts symposiums and lectures.
- Collects information on trends in EVs globally and keeps members informed.
- Operates EV test drive services.



Photo taken at Auckland EV EXPO in July 2013

Message from APEV New Zealand:

New Zealand is a small country with a population of about 4.5 million. DIY (do it yourself) is in our DNA, and people make everything by themselves. Thus, we are interested in innovation and conversion related to EVs. We look forward to working in collaboration with APEV groups from all over the world, including those in Japan and Germany.

● **APEV will soon be established in other countries**

April 2012
Launch of preparation committee to establish APEV Taiwan



May 2012
Launch of preparation committee to establish APEV Philippines



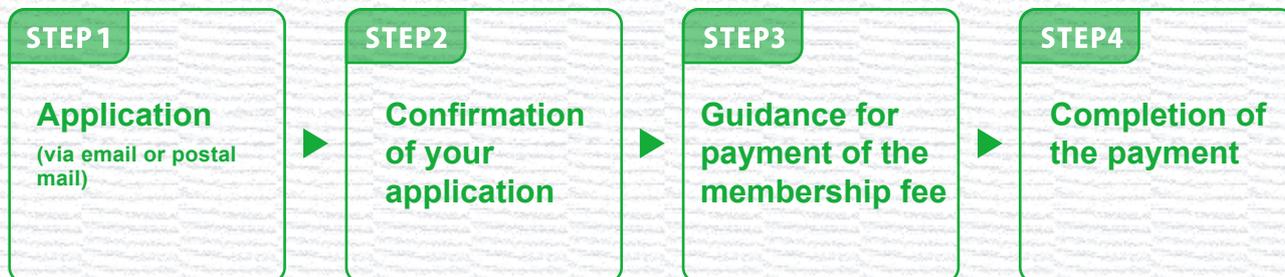
May 2013
Launch of establishment committee for APEV Germany



How to become a member and the members-only website

We encourage the participation of companies that are intending to launch EV businesses and individuals who want to support the EV industry. For details, please visit our website. <http://www.apev.jp/en/entry/>

Application Process



Application forms for email and postal mail are available on the website.

Members' Special Website

We have created a members' website for APEV members to share information. Please make use of it.

Three sets of IDs and passwords will be issued for a corporate/group member while an individual member will be provided with one set

<http://www.apev.jp/sns/>



Example content from the members' website

- **Relevant EV world news**
... We deliver relevant EV news daily.
- **Information on APEV events**
... We deliver information on our sectional meetings, exhibitions, etc.
- **Useful members-only information (e.g., Textbook of Safety Guidelines for EV Conversion and various types of lectures)**
... Such information is password-protected and available only to APEV members.

Membership benefits:

- Join committees to collect information and provide your own.
- Promote your products and services to other members.
- Find business opportunities by communicating with other members.
- Co-exhibit at special rates at exhibitions hosted or supported by APEV.
- Obtain information on events hosted or supported by APEV and discounted admission tickets.



Co-exhibition in the APEV pavilion at EVEX 2012



TV interview after the APEV conference at EVEX 2012

Networking across various fields for the promotion of EV



Lectures, symposiums, and seminars organized by APEV

- Sectional (Committee) Meetings — **About once every two months**
- Participation in EV Exhibitions — **About 5 times a year**
 Electric Vehicle Development Technology Exhibition (EVEX),
 Electric Vehicle Industry Exhibition, National EV Summit in Shizuoka,
 Tokyo Motor Show SMC, the International Auto Aftermarket Expo, etc.
- Lectures and symposiums — **Tokyo Symposium, Kansai Symposium, etc.**
- Participation in exhibitions and symposiums abroad /Report conferences in Japan — **EVS (The International Electric Vehicle Symposium), Asia Pacific Clean Energy Summit and Expo (Hawaii), etc.**

Activities of APEV Committees

APEV committees engage in the activities shown below.

The following changes were made in 2013 so that members can more easily join committees and experience the real benefits.

- ▶ Each committee has been integrated into two committees, "Technology" and "Business," and meetings of both are held on the same day so that members can attend both.
- ▶ Members are given chances to make presentations at the committees in order to provide publicity opportunities and to maximize the benefits to businesses.

1. EV Technical Committee

- **Objective:** To help members' technologies contribute to global promotion of EVs
- **Activities:** (1) Creation, revision, and promotion of the Textbook of Safety Guidelines for EV Conversion
(2) Seminars to study guidelines for super micro mobilities
(3) Information sharing among members and holding of exhibitions: Members-only information sharing meetings
(4) Collecting and sharing of global technological information: Members-only information sharing meetings and member-restricted social network
- **Organization:** Kohei Kusaka, Chairman Kazunobu Sato, Vice Chairman
- **Past activities:** (1) Held committee meetings once every two months to share technological information among members.
(2) Created and revised the Textbook of Safety Guidelines for EV Conversion.
(3) Invited staff from the Ministry of Land, Infrastructure, Transport and Tourism to the super micro mobility seminar.

2. EV Business Committee

- **Objective:** To help members' business activities contribute to global promotion of EVs
- **Activities:**(1) Business information sharing among members and business matching: Members-only information sharing meetings
(2) Collecting and sharing of global business information: Members-only information sharing meetings and member-restricted social network
(3) Co-hosting, supporting, and cooperation in local EV exhibitions and promotion activities
(4) Cooperation with overseas organizations (APEV New Zealand and similar organizations in Australia, China, Taiwan, the Philippines, Germany, and the US)
- **Organization:** Hiroshi Fujiwara, Chairman Hitoshi Arima and Takahiro Suzuki, Vice Chairmen
- **Past activities:** (1) Held committee meetings once every two months to share business information among members and to attempt business matching.
(2) Co-exhibited with members at the Electric Vehicle Development Technology Exhibition (EVEX) held every autumn.

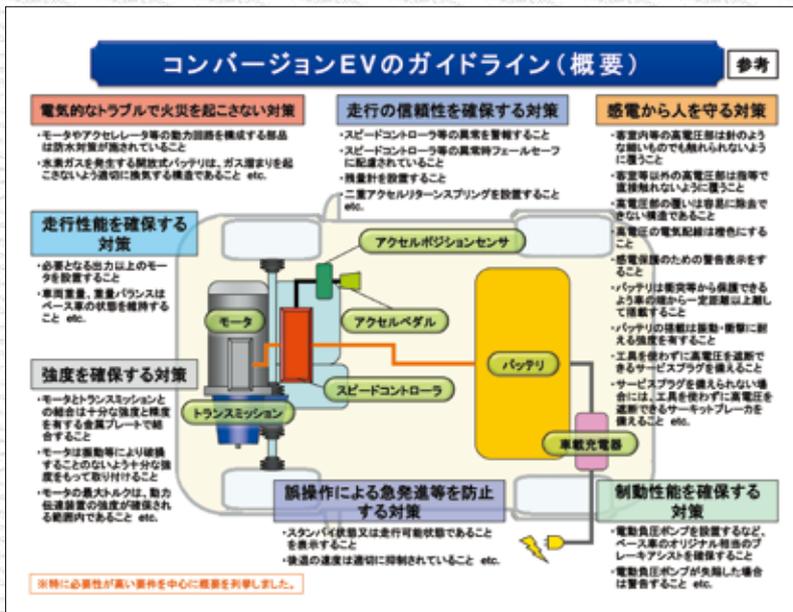
Scheduled committee meetings (FY 2013)

- May 20, 2013 (Complete)
- July 31, 2013 (Complete)
- Late September 2013: Exhibition and symposium at EVEX
- December 2013
- February 2014

Safety Guidelines for EV Conversion

< April 2011 > We formulated the first "Safety Guidelines for EV Conversion" in the world, and declared it with the Ministry of Land, Infrastructure, Transport and Tourism.

You can find it here. <http://www.apev.jp/en/guide/>



- We have provided an English version which is expected to be distributed all over the world.
- A Chinese version will also be produced.



< October 2011 > "Textbook of Safety Guidelines for EV Conversion" (First edition) was completed.

- It is open only to APEV members on our website.
- We are currently revising the textbook based on collected opinions and feedback from EV conversion engineers.

A meeting of the Working Group

Since the establishment of APEV, the Working Group has had a few monthly meetings and formulated the Safety Guidelines for EV Conversion.



Events organized by APEV

Electric Vehicle Development Technology Exhibition (EVEX) at TOKYO BIG SIGHT on September 19, 2012



Co-exhibition in the APEV pavilion



Presentations and discussions at the APEV conference

Kansai EV Innovation Network Conference at the office of Uchida Yoko Co., Ltd. on May 23, 2013



Plenary meeting



Group discussion

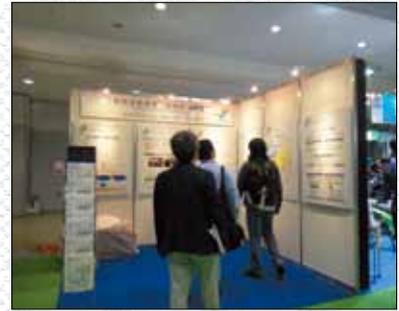
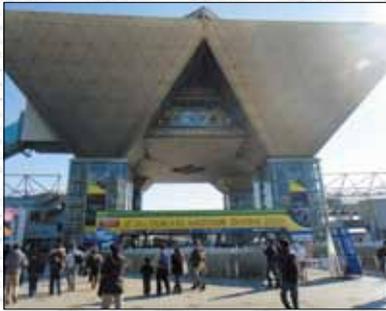
Trip to observe the Nagasaki EV&ITS Project on the Goto Islands, Nagasaki Pref. from September 10–11, 2011
(FYI) <http://www.apev.jp/aboutus/press/APEV-PressRelease20110922.pdf>



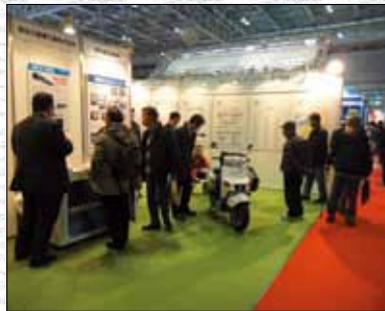
APEV has organized many other events, such as the Tohoku and Nagoya Symposiums.

Participation in EV Exhibitions

TOKYO MOTOR SHOW Smart Mobility City at TOKYO BIG SIGHT

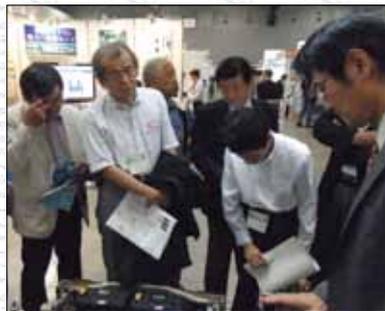


OSAKA MOTOR SHOW at INTEX OSAKA



EVEX (Electric Vehicle Development Technology Exhibition) *Co-hosted

The 1st Exhibition: July 14–16, 2010 at PACIFICO YOKOHAMA
The 2nd Exhibition: Oct. 12–14, 2011 at PACIFICO YOKOHAMA
The 3rd Exhibition: Sept. 19–21, 2012 at TOKYO BIG SIGHT
The 4th Exhibition: Sept. 25–27, 2012 at TOKYO BIG SIGHT



Electric Vehicle Industry Exhibition at Truck Show 2011 *Co-hosted

October 27–29, 2011 at TOKYO BIG SIGHT



EV Super Micro Mobility Design Contest

Concept

The government's moves related to super micro mobilities (SMMs) have been attracting attention recently, and various SMM development trials are being conducted in the private sector. Against this backdrop, APEV has organized a contest to promote SMMs as well as to offer students, who will lead the next generation, the opportunity to experience the excitement of manufacturing. APEV plans to hold the contest, which includes activities from design to fabrication of a practical vehicle, annually from this year onward.



Entry and participating schools

Student (at least 18 years old) teams consisting of 2 or more members in Japan or overseas were eligible to apply. 27 teams from 19 schools (24 teams from 16 schools in Japan, and 3 teams from 3 schools in 3 overseas countries) passed the first round.

Review

- 1) First round: Vehicle body concept, including practical operating scenes plus sketches that express the team's ideas
- 2) Final round: 3D design (using CAD) of the idea that passed the first round

Schedule

Start of acceptance of entries	January 15, 2013
End of acceptance of entries	May 8, 2013
End of the first round	June 28, 2013
Announcement of the results of the first round	July 10, 2013
End of the final round	September 27, 2013
Announcement of the final results	October 11, 2013
Awards ceremony and conference at Tokyo Motor Show Smart Mobility City 2013	End of November 2013 (TBD)
Symposium, "SMM Promotion and Student Design Contest Report" hosted by APEV	Early March 2014 (TBD)

*This schedule is subject to change.

Screening Committee

◆ Head of Screening Committee	Kiyoyuki Okuyama	Industrial designer and CEO, Ken Okuyama Design
◆ Screening Committee members	Tadao Ando	Architect and Professor Emeritus, the University of Tokyo
	Mineko Orisaku	Photographer and Professor, Photography Department, Osaka University of Arts
	Yoichiro Kawaguchi	CG artist and Professor, Interfaculty Initiatives in Information Studies, the University of Tokyo
	Akira Fujimoto	Publication Representative of Car Styling Pub.
	Nobuhiro Tajima	Chief Commissioner, APEV

Awards (Unique awards)

"Special experience in EVs" for teams doing excellent work

Examples:

- Meeting with a celebrated designer
- Invitation to environment- and energy-related exhibitions overseas (e.g., in Hawaii), and the opportunity to make a presentation there
- Opportunities to visit overseas EV firms and organizations

Supporters and sponsors

Supporters:

Ministry of Economy, Trade and Industry; Ministry of Land, Infrastructure, Transport and Tourism; Interfaculty Initiative in Information Studies, Graduate School of Interdisciplinary Information Studies, the University of Tokyo; Dassault Systèmes

Sponsors:

Stratasys Japan Inc.; Benesse Holdings, Inc.; Wacom Co., Ltd.; Dell Japan Inc.; Nissan Motor Co., Ltd.; Hewlett-Packard Japan, Ltd.; Lenovo Japan Ltd.; ASPROS Inc.

Teshima Mobility Project

Concept

This project aims to increase the value of Teshima's tourism resources by renting super micro mobilities to tourists visiting Teshima in Kagawa Pref., as well as to attract potential tourists to the island. The project started on July 20, 2013, when the summer session of Setouchi Triennale 2013 (<http://setouchi-artfest.jp/en/>) began. The rental cars are most popular among visitors who enjoy contemporary art. (The operating rate was 91.6% as of the end of July 2013.)



Outline of the field test

- 1 Description** Tourists visiting Teshima can rent an super micro mobility (SMM) to move around the island; six SMMs are available, and two charging stations ("Ubi-den stations") have been set up on the island. The vehicles are compatible with the Ubi-den (ubiquitous electricity) system.

For reservation or payment, visit <http://resv.jp/ubiden/>

- 2 SMM rental fee** 8,400 yen per day (incl. tax and charging costs)
- 3 Availability period** July 20, 2013 to March 31, 2014 (Scheduled)
- 4 SMM model** NISSAN New Mobility Concept

Organization

Host : Teshima Mobility Association (Location: Tonosho Town, Shozu-gun, Kagawa Pref.; Representative: Kohei Okada)

- Member organizations :
- (1) Tonosho Town (Shozu-gun, Kagawa Pref.; Mayor: Kohei Okada)
 - (2) SoftBank Mobile Corp. (Minato-ku, Tokyo; CEO: Masayoshi Son)
 - (3) Benesse Holdings, Inc. (Okayama City, Okayama Pref.; President: Tamotsu Fukushima)
 - (4) APEV (Shinjuku-ku, Tokyo; Chairman: Soichiro Fukutake)

*This field test is being conducted with the support of the "Project for Promoting Super Micro Mobilities" implemented by the Ministry of Land, Infrastructure, Transport and Tourism.



Hawaii Project

Concept

On the Hawaiian island of Maui, with the aim of making Hawaii a region featuring the most advanced environmental conservation and tourism, the renewable energy business (e.g., wind, biomass, and solar power) is booming. About 40% of total power generation on the island is expected to be provided by renewable energy by 2030. To coordinate with this move, APEV is carrying out activities to promote EVs in cooperation with the state government of Hawaii alongside the move to develop next generation energy sources.



Setting up a rapid charger in Maui



APEV has established a strong collaborative relationship with the state government of Hawaii. Governor Abercrombie stands with Mr. Fukutake and Mr. Tajima, who are promoting EVs in Hawaii.

Outline of activities

Chairman Fukutake and Chief Commissioner Tajima of APEV gave speeches at the Asia-Pacific Clean Energy Summit and Expo held in Hawaii during September 2013. The latest EVs, including the “E-Runner” Pikes Peak vehicle and Tesla’s Model-S were exhibited. APEV also offered a class on environmental learning at a local elementary school.

Organizations

- Hawaii State Government
- New Energy and Industrial Technology Development Organization (NEDO)
- Hitachi, Ltd. (APEV member)
- APEV etc.

Mt. Fuji EV Festa

Concept

Mt. Fuji was designated as a World Heritage site in 2013. Many automobile and auto parts companies having advanced technologies are concentrated in Shizuoka Prefecture, where Mt. Fuji lies. APEV thus prepared a plan to propose a next-generation automobile concept to provide people with an opportunity for discussion in Shizuoka Prefecture in celebration of the World Heritage designation. This led to a parade along the road up the mountain with EVs and the EV Festa at the foot of Mt. Fuji on August 1, 2013 hosted by the Shizuoka prefectural government.

Outline

Date and time : August 1 (Th.), 2013, 10:00–16:00

Place : Mt. Fuji Skyline (Main venue: Mizugatsuka Parking Area in Susono City, Shizuoka Pref.)

Hosts : Shizuoka Prefecture and the Shizuoka Industrial Development Foundation

Supporters : Kanto Bureau of Economy, Trade and Industry, METI; Chubu District Transport Bureau, MLIT; APEV

Parade route

The parade left the Mizugatsuka Parking Area (the second station of Mt. Fuji where the opening ceremony was held) for the fifth station, a difference in elevation of 900 m and a distance of about 16 km. Participants included 23 electric vehicles, 5 plug-in hybrid vehicles, 2 fuel battery-powered vehicles, and 4 electric motorcycles.



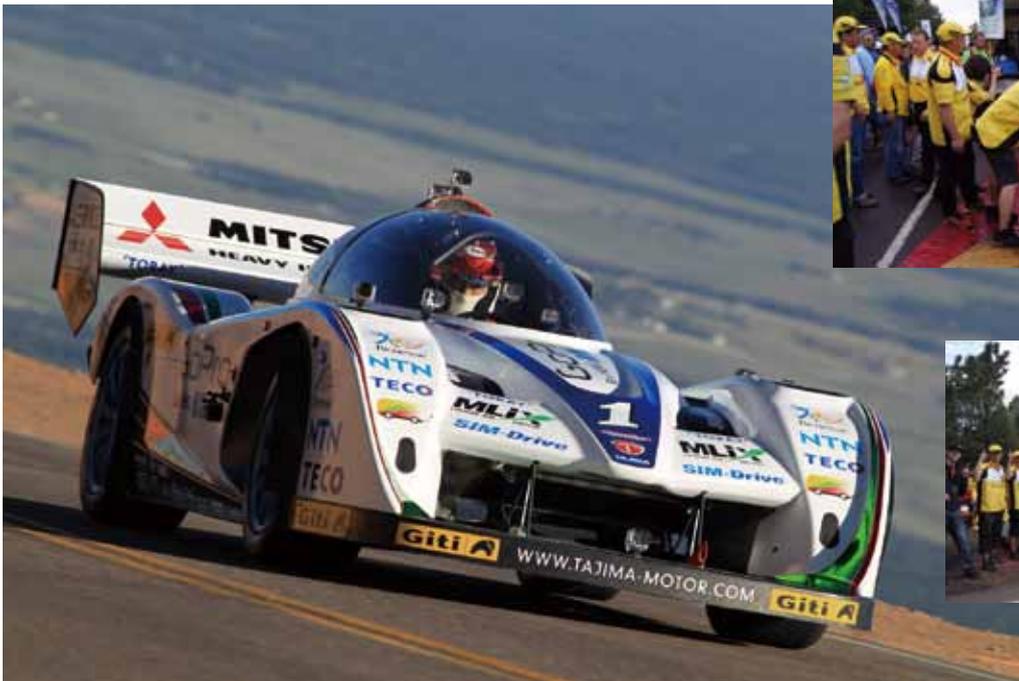
A scene from the event

Team APEV wins in the highly competitive EV class

Team APEV with Monster Sport participated in the world's most prestigious motor sport, the "91st Pikes Peak International Hill Climb" (June 24–30, 2013 in Colorado Springs, Colorado, US) again this year. We aimed to quickly improve our EV technology by taking part in real races and to further promote EVs globally. The team's General Director was Mr. Soichiro Fukutake, APEV's Chairman, and the driver was Mr. Nobuhiro Tajima, APEV's Chief Commissioner, who won the race for the sixth successive year.

The EV class contest became fiercely competitive this year, so it was an excellent opportunity for all teams to compete against each other with the best EV technologies as well as to learn from one another. Major automobile manufacturers and a national project by Northern Europe's Latvia participated in the race. These moves indicate that a great wave is rising as EV penetration increases. Against this backdrop, starting from third place in the preliminary round, Team APEV raced to a dramatic victory in the EV class (fifth place overall). Mr. Tajima, the driver, broke his own previous world record that he had made with a gasoline-powered car in 2011, finishing in less than ten minutes for the first time as an EV, thus illustrating the rapid progress of EV technology.

We thank our many fans for their support and encouragement.



For details, please visit the official website of Team APEV with Monster Sport Pikes Peak EV Challenge. <http://www.apev.jp/teamapev/>

Association for the Promotion of Electric Vehicles

Director General: Mamoru Shiiki ; Deputy Director General: Ikuko Tanaka

Official Website <http://www.apev.jp/en/> E-mail info@apev.jp

Contact Us Secretariat: Genichiro Yasujima
Nittochi Nishi-shinjuku bldg., 8F, 6-10-1 Nishishinjuku, Shinjuku-ku, Tokyo 160-0023, Japan
TEL: +81-050-3736-8325