

日本における電気自動車の挑戦!!

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2011年3月11日の東日本大震災の経験から、我々は沢山のことを学びました。

そのひとつとして、自然エネルギーの大切さが見直されています。

我が社も、特にエネルギー分野において、数々の活動を行いました。

太陽、風力エネルギーや、逐電技術の向上は自然災害時において有効です。

それらのエネルギーを活用したパワー、持久力のある経済的なバッテリーの開発も進んでいます。

秋田県で二日間にわたって行われるワールド・エコノ・ムーブ (World Econo Move) という大会は、1995年5月6日に第一回が開催されましたが、17年たった現在、当初の63.8KMから90.5KMにまで記録を伸ばしてきています。

山形県庄内市で行われるのはソーラーカートの競技会は、260Whの電源を利用してスピードを競う大会ですが、毎年プロテクティブ・ギアの性能の向上に驚かされます。新しい技術を活かした部品の開発がレースの結果に結びついています。

それらが総合的に指し示しているのは、温暖化防止と経済の成長を共存させるためにも、節電技術の開発は大変重要であるということです。

各競技参加者や大会主催者は、このようなエコ電気自動車の将来性や有効性について世間に理解を深めて頂くことを目的として協力し合っています。

これからもエコノムーブ大会に参加する事で、電気自動車の分野での節電技術の向上に挑戦できます。

この春エコランレースをタイで開催することになりました。

これはワールドエコグランプリの大会としては東南アジアのみならず、海外初の試みです。現在のタイの技術レベルは日本の第2回大会当時程度ですが、420を超えるチームが参加を予定しています。

我々の10年にわたる電気自動車技術開発の経験が、彼らの技術向上の手助けになれることを願っています。

Shiori Kumagai

熊谷 伸子



The East Japan great earthquake which occurred on March 11, last year brought about unprecedented damage.

Thailand was hit by the deluge in autumn. In the stricken area in Japan, efforts for restoration and revival are continued hard.

We learned many things from these experiences, and it interfered with social life, a company production activity, etc. from various fields especially about the energy problem. When carrying out with the power which what is called nature carries, cutting into pieces of the precise supply chain of Japan felt it keen that it is what will be made simply.

The solar and wind force generation of electricity, and the storage of power may help the climate problems the earth is having. In the time the development of the electric automobile and other types of energy advancements can save environment.

The development of the electric battery, which has high energy density, in the long run can be very economical.



FT4L-B6 scooter batteries.

Two days "energy-saving race (world econo- move) of the first electric vehicle in the world" on May 6, 1995 and the 7th were held in Akita Prefecture. 17 years pass and, as for record of the top team, record is broken from about 63.8 km to about 90.5 km.

The renewal of the record means having carried out development of energy-saving equipment or an electric vehicle as it was. It means that speed of the part whose mileage increased had increased.

A part to have cut down the cost when time was related to cost is needed as cost to safety measures.

The convention in the cart-soleil of Shonai-town, Yamagata of Japan is a convention which competes for Speed using the electric power of about 260 Wh. It is the convention which has realized increasing protective gear and going for every year. Furthermore, in this convention, ranking is decided for the mark by adding an addition and the new technology of equipment together with the race result.

Generally, it is continuing being indicated as " , which accounts for the role in which energy saving is very important for coexistence of the measure against warming, and economic growth."

A participant and the convention persons concerned became together and aim at spread and promotion of the healthy electric vehicle. The convention which can challenge from now on is an energy-saving race (econo-move) of an electric vehicle.

Thailand has been chosen for the eco-run race this spring. It will be the first time the electric automobile conference will be in Southeast Asia, and also in foreign country. In Thailand the level of technology is just about the same at the time of our 2nd trial. Over 420 teams have participated to the eco run race. We hope that our 10 years of electric automobile experience will support their development in this electric automobile field through the time.

Lastly, we would like to give our thanks and application. We could never repay everyone that has supported us throughout our challenges.



The cart soleil of Shonai-town, in Yamagata.