

Japan Panorama

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Issue



Appeal of Japan is "comprehensive power"

The keyword 'COOL Japan' has now got about in the world. 'Fujiyama' 'Geisya' 'Sukiyaki' 'Sakura' were the bywords for Japan, but 'Security • Great safe country' 'technological country' took the place. Japan has globally developed and is well known for the high quality products. On the other hand, animation or comic are popular among the worldwide youth, the words 'Kawaii' and 'Otaku' appear on the foreign dictionaries. That tells the big movement in the soft power of this country.

Now let's take a look of the feature or charm of Japan, the interesting country.



Technology

'Better city, Better life' is the theme of Expo Syanhai, and the 246 nations • areas • international organizations participated. The Chinese people were merry visiting around each pavilion. They were attracted by Japanese pavilion in particular, and had to line for three hours to enter. It was displaying the cutting-edge technology such as making fresh water from sea water, or purifying sewage. They had to line for 3 hours to enter every day. Especially, when the cute white human shaped robot began to play the violin on the stage appealing cleverness with their fingers, the attendance burst into cheers. The robot was made for

supporting nursing care or housework. In addition to these, 'Hayabusa' the exploring space, that came back to Japan after 7 years fly, the space rocket launched by small medium enterprise in Kansai, biomas and nanotechnology, these Japanese technology are highly trusted by whole world.



Relief and Security

Japan is the country we can live safe and easily. Socialized medicine supports 'Longevity country, Japan'. Japan was also appraised by WHO as the most healthy country in the world. The Japanese food is getting more and more popular to be said as healthy and few calorie-food in the world. The words such as sushi and soba are now very common. It also can be said very admirable point that all people in Japan are secured by national health insurance.



Environmental pollution in Minamata

Japanese life of safety and security is based on the experience that can be said as negative aspect of modern industrialization. For example, Minamata-City, the southern part of Japan had been suffered with organic mercury poisoning caused by drain

water from chemical plant. Japan has been seriously seeking for the way to achieve development without harming the global environment, not to repeat the past hard experiences any more. These lessons of Japan are also very useful and meaningful for other countries aiming economic and industrial development from now on.



Distribution system

A Japanese distribution system can rightly be praised. Thanks to that, it is not uncommon that fish landed from northern sea in the morning is sold in Tokyo in the evening. Fresh vegetables and fruits are available in the whole country. It is amazing if you know how the system is well organized from collecting harvest from each house to a cooperative, transporting and selling at stores. Both infrastructure and the social system are necessary. You can learn a lot from this complicatedly combined system.

As you have seen above, the strength and the power of Japan are not outward one. It has been brought about from various experience and wisdom based on Japanese daily life and its history. You can learn a lot from Japan, a country of "comprehensive power".

Contributing to the people through solar technology

Do you know there is a Japanese company that have been challenging based on the philosophy of "Contributing to society through pollution-free energy around the world"? —It is Kyocera Group. Kyocera entered the solar energy business in 1975 when then-President Kazuo Inamori first recognized the long-term potential for solar technology to contribute to global energy demand. With a support of ODA and/or through its own donation, Kyocera has been at the forefront contributing toward people in non-electrified village through its solar technology over 35 years.

Approximately 1.6 billion people are currently without electricity. The majority of countries without access to electricity are in Central Africa and Southern Asia, including China and Mongolia. All over the world, Kyocera has donated community

power systems to villages and communities lacking electric power. The first of these was donated to Kankoi Village, Pakistan, in June 1983. Kyocera donated a 6kW solar power generation system to them, thereby contributing to an improved quality of life. Kyocera also donated a 10 kW solar power system to Gansu Province in China in 1985. These examples, which illustrate the potential of solar power to improve life in rural areas, greatly increase Kyocera's confidence in the benefits of solar energy.

In 1992, shipments of portable solar power generating systems to Mongolia begin as a result of a research project commissioned by NEDO (New Energy and Industrial Technology Development Organization). Being used as a power source of agricultural irrigation to pump up groundwater

for the field, vaccine refrigeration and power for medical facilities and lighting the classrooms, Kyocera's solar systems have improved the lifestyles of many people in the world such as Malaysia, Cambodia, Senegal, Malawi, Nepal and so on.

Kyocera is going to continue to light up many people's lives in developing areas without electricity by solar power generation, believing that it could contribute to people and society.



News

What is the unique point of Japan

How is Japan looked from other countries? Here I'd like to introduce an interesting TV program which shows Japanese society. It was televised as a series of 16 stories in Saudi Arabia last year and caused "Japa-

nese boom" in the country.

In the first story titled "why we focus on Japan?", it shows how Japan has rehabilitated its country after the World War II and took large steps toward becoming economic

leader in the world. "Arabian countries should learn a lot from Japanese experience" is the key message. The third and ninth stories are about "identity". It focuses on the education system in the elementary school, which they think is the key factor of Japanese drastic economic growth without losing their national identity.

It is also introduced how Japanese people are punctual and pay consideration to each other, which is referred as role model to Arabian people.

This program can be a cue for Japanese people to realize the unique and admirable aspects of their society when to be seen from other country.

Forefront of Solar Car Development

Develop leading-edge environmental technology and human resource

Have you ever heard "Solar Car"?! Moving only by electric energy getting from sun. In the circumstance of Environmental issue is becoming critical globally and environmental technology to cut greenhouse gases emission is needed, "Solar Car" which do not emit CO₂ is expected as next generation's car. Engineering Professor Kimura's research Laboratory challenges to development of this futuristic machine.

Its system is; transform solar energy to electric energy by solar battery, store electric energy in battery, send energy to motor and drive. Speed of Tokai Univ's solar car reaches 115 km/h and it can keep driving 500km. Solar car can drive as long as sun exist and there is no CO₂ emission, so this is the ultimate environmental vehicle!!

Tokai Univ attends lots of international solar car convention and win first prize. For example, "South African Solar Challenge" which held in 08 and drive 4,200 km, and "Global Green Challenge" which held in Australia and attend developing new car which onboard SHARP's high performance solar battery.

Professor Kimura talks "Through this project, students can learn not only leading-edge environmental technology but also develop human



resource who have competitive mind and teamwork".

Challenge of Kimura's Laboratory which

develop technology and human resource will definitely give big impact on Solar car development.

Charm of Study at Japan: learn leading-edge Technology, Japanese Work Style



Ms. Garmaabazar

Mongolia-Japan Center for Human Resources Development

Reason I decided to study abroad was related to work experience at Japan Center which aim to establish Human Network between Mongolia and Japan. I involved in the management of library and I realized that valuable books were kept in a critical condition. So I wanted to improve storage situation of books and open up access to them for everyone. Then I knew that Ritsumeikan Graduate

School open a course of "Digital Library", information access technology, and I decided to go.

Beginning of the term, My Japanese was poor and course's level was high, so it was very hard to keep up with. But professor was very kind and teach me very politely so I could finish the course. Other than classes, I could attend academic meeting and research workshop and I could fulfill Academic life.

In Japan, I learnt not only high level technology but also way of work and logical thinking. Especially, "keep to time", "fulfill a promise", "respect others" are my favorite Japanese characteristics.

Now I work at Japan Center and engage in promotion of Mutual understanding. I want to give information and chance to young Mongolian about study abroad.

