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### “ Asian Sustainable Society Development Course ” in the Fukuoka Program

Fukuoka Prefecture aims to establish a network of human resources related to environmental protection with other Asian countries, making full use of accumulated experience and policies on the environment. Fukuoka and KITA have invited executive administrators in charge of environmental policies from China, Thailand, India, and Vietnam, which have friendly relations with Fukuoka last year. (See Page3 for more details.)

# A Message from Director of KITA



## Efforts for the Effective Implementation of Technical Cooperation and Training

**Dr. Ken-ichi Fujimoto**  
Director-General of KITA  
Productivity Cooperation Center

KITA has been promoting an international cooperation based on industrial development which works in harmony with global environmental conservation. The two important components in KITA's international cooperation are conducting **technical cooperation or consultant** to developing countries and providing **training programs** for overseas participants, entrusted by public organizations, such as JICA. We are making effort to implement our activities more effectively and efficiently from the following perspectives.

The developing countries need Japanese advanced technology, management system, and environmental technology to establish a sustainable development. In execution phase of technical cooperation, we should take into consideration political system, economic situation, financing mechanism, and social infrastructure of the partner countries. We have particularly placed importance on the following two points for effective **technical cooperation**. **(1) Sharing of targets and objectives:** At starting a project, we have through discussions with our counterparts concerning what, how much, and how long. **(2) Comprehensive human resources development:** For effective technology transfer, we prepare the program for comprehensive human resources development of all persons involved such as government officer, managers, engineers, and workers.

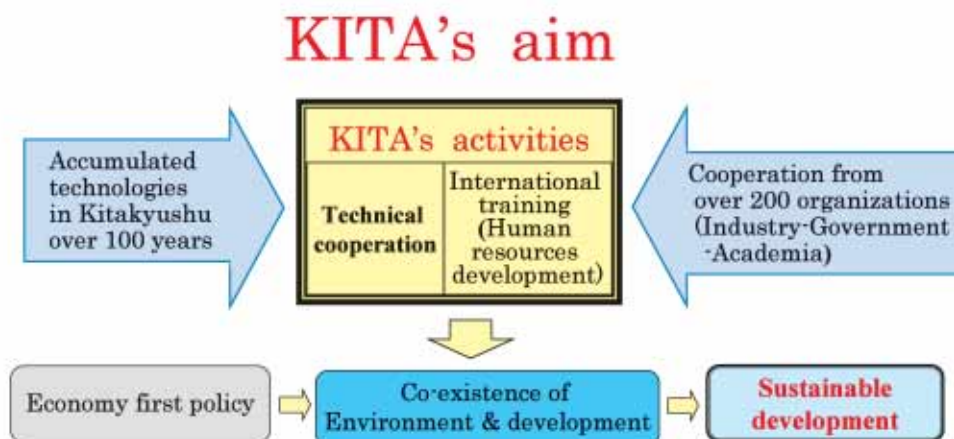
We also think it effective to invite engineers to

Kitakyushu for training.

Concerning **training**, we have been focusing on the following aspects to increase satisfaction of participants from different countries with various occupations and expertise. **(1) Wider range of subjects on technology:** Wide-ranging topics are taken up to attract the interest of all participants. In order to avoid a situation, in which some participants show interest while others do not, we try to expand the variety of subjects and tour study. **(2) Adequate level of technology:** As an ultra technology may be difficult to understand for the participants, we provide the most appropriate level of lectures on Japan's high technology. **(3) Latest information and easier to understand:** As participants are enthusiastic about obtaining a cutting edge information on Japan's technology, we do not reuse the past educational materials, but update them every year with ease of understanding.

The choosing process of participants may be another point to consider.

Supports from private companies, local government, and universities in Kitakyushu are essential for our activities. We also need staff with vastly experience, technical knowledge, and strong commitment. We are looking forward contributing the sustainable development in the developing countries by leveraging a network between supporting organizations and KITA's staff.





## Close-up of some KITA training courses

### Engaging in "Asian Sustainable Society Development Course" in the Fukuoka\* International Environmental Management Program

Adequate solution of environmental issues is unavoidable for global-scale sustainable development. Fukuoka\* aims to establish a network of human resources related to environmental protection with other Asian countries, making full use of accumulated experience and policies on the environment. Fukuoka and KITA have invited executive administrators in charge of environmental policies from Asia to their International Environmental Management Program annually since 2006.

A special feature of this course is not merely to have unilateral lectures and tours, but to employ an interactive communication approach. By utilizing the example of environmental resources in Fukuoka, we discussed with the participants how to solve the challenges of their respective countries. They were interested not only in the current undertakings of Fukuoka and Kitakyushu\*\*, but also in the failures that the governments experienced in the process and the difficulties in persuading residents to be involved. The viewpoints of administrators seemed to offer many clues for problem resolution.

I think the course, in which we meet and exchange opinions with participants from various countries, is a

starting point of establishing a network with the various countries involved. Without mutual trust, we are not able to interact with each other. In that sense, this course has a great significance as confidence-building. I want to maintain these contacts and expand the network of human resources, which will lead to strengthening cooperation in improving the environment between Fukuoka and Asian countries.

\* Fukuoka : Fukuoka Prefecture

\*\* Kitakyushu : Kitakyushu-City

Ryuzo Yoshida  
Course Leader of KITA  
Sumio Tajima  
Course Leader of KITA



Welcome reception at  
Fukuoka Prefectural  
Government Building

### New Training Course "Enhancement of Occupational Accident Prevention and Safety Management"

This training course aims to train managers in the Asian region, who are in a position similar to that of labor standards inspectors and general managers of workplace safety and health in Japanese organizations. There are no comparable courses in JICA Kyushu, and the first session was held over about one and half months starting Nov. 10, 2009.

It is rather difficult to promote occupational accident prevention and safety management even in Japan. Each workplace has been searching out the measures which should be taken to prevent accidents on a daily basis. In this course, we want to help the participants address actual situations and provide them with motivation and methodology. Many of the lecturers for this course are those who are leading projects to prevent accidents in their workplaces. Many field tours and on-site training opportunities are devised so that the participants are able to obtain a great deal of firsthand knowledge and know-how.

Overall, my impression after the course is that the course has achieved greater results than expected. Even

the practices that are standard procedure in Japan were viewed as new information by the participants, but they tried to get a grasp on them in a straightforward manner. I believe this course will contribute to vitalizing their activities after they return to their respective countries. I am planning to improve the contents of next year's course, based on the experience gained this time.

Dr. Takatsugu Ueyama  
Course Leader of KITA



Simulated experience how dangerous the workplace is at the  
Kitakyushu Vocational Training Center



At a bridge manufacturer's assembly plant, they studied safety  
management on site

## Study for Planning Environmental Management Capacity Building Project in Tianjin

This project is under the control of JICA China and has two aims for environmental management in China: (1) strengthening the coordination among government, enterprises and citizens, and (2) strengthening their capacities. It consists of training three times in Japan and two seminars in China. KITA was entrusted through JICA Kyushu to conduct the training, which is to be held in January and September in 2010, and September in 2012. JICA China requested KITA to organize the appropriate training which meets the participants' needs, because the project is unique in the sense that it focuses on the coordination among government, enterprises and citizens, and it will be a model for other countries.

Tianjin City faces environmental problems caused by the economic growth of approx. 20% every year, and the countermeasures taken by the government alone are not sufficient. The city government officers believe that it is their duties to cope with many complaints from citizens, and try to solve the environmental problems only by the government. On the other hand, enterprises' attitudes are passive: they are obliged to obey the regulations but try to

exploit a flaw in the system if any, and they leave the government to tackle the problems. We found out that cooperation and voluntary activities by enterprises and citizens are necessary for the Tianjin Environmental Protection Bureau. We would like to conduct the training with concrete know-how which will be practical for Tianjin city.

Keiko Sasaki  
Executive Director of KITA  
Environmental Cooperation Center



JICA China and Tianjin City agreed on the project



Visit to Kitakyushu Environment Museum at the 1st training course

## New Training Course "Dissemination of Productivity Improvement Activities in Latin America"

The aim of this course is to develop personnel who can support productivity improvement activities such as KAIZEN and 5S\*, in the manufacturing industry in the South American and Caribbean region. The course targets those who engage in productivity improvement activities. It also aims to strengthen capabilities to support senior volunteers who are conducting such activities in the region. The course was divided into the South American group and the Caribbean group, and each was implemented for about two months.

The main components of the course were production management, production technology, and quality control. Initially, the industrial situation in the Caribbean region was not specified and I had concerned about how to structure the course. But all participants had a good knowledge of industry and I could proceed with the course smoothly. Everyone was very active and particularly those from the Caribbean region were so cheerful that they sometimes got off track, but I'm sure we all enjoyed the course. In the corporate training, they visited both small-medium companies and large businesses. They learned voluntary improvement activities, including the 5S

principles in Japan, information disclosure policy, communication and coalition between management and workers, and sustaining top-quality workers. They recognized these are the basic points for productivity improvement.

Based on the experience gained in this course, I want to improve the content of the training for future use.

\*5S : SEIRI (Clearing), SEITON (Organizing), SEISO (Cleaning),  
SEIKETSU (Standardizing), SHITSUKE (Training & Discipline)

Katsuhiko Kawasaki  
Course Leader of KITA



After the training at MOTOMAN CENTER of YASKAWA ELECTRIC Co., Ltd.

## New Training Course "Energy-Conservation Techniques for Mercosur\* "

Mercosur\*, four countries have started to work together for energy conservation as a region to deal with surging crude oil prices due to recent economic development.

In order to support their efforts, we provided a three-week course starting from Oct. 5th last year. We mainly introduced Japan's energy-conservation technology and the policies of the national and local governments to technical staff in charge of planning energy-efficiency policies in Mercosur countries. Nine participants took part in the course, demonstrating strong interest in Japan's energy-saving policies and its framework to promote them. On-site lectures at governmental agencies including the Agency for Natural Resources and Energy received very favorable comments from participants.

Participants were cheerful peculiar to South Americans and also courteous. They listened earnestly in classes and asked many questions. That makes me feel their commitment and confidence, with which they will lead their nations. I am sure they will bring about breakthroughs by making use of what they learned in the course.

The next course is scheduled to open one year from now. I want to make it even more productive and fruitful, based on our experiences this time.

\*Mercosur : The cooperating common market consists of Argentina, Brazil, Paraguay, and Uruguay in South America.

Kenji Kawaguchi  
Course Leader of KITA

Dr. Takatsugu Ueyama  
Course Leader of KITA



After the lecture at the Agency for Natural Resources and Energy

After training at Yamatake Co., Ltd. on energy-conservation in the building

## Former Participants in the "Energy Conservation Techniques for India Course" is now applying Diagnosis Techniques in India

It was a little before midnight when I arrived at Delhi Airport in last December, but the airport exit area was heavily crowded with people and cars to pick up guests, and noisy with the horns of vehicles. It was as if there had been a summer festival at midnight. I had a real sense then that India has the second largest population in the world and the fourth largest emission of greenhouse gases because of its rapid economic growth. JICA/KITA has held the course on energy conservation techniques three times since December 2008. The purposes of my visit to India this time were to follow-up on the training achievements of participants and to make a diagnosis of energy conservation in local small-medium sized companies (SMCs).

I met four former participants of the 1st course, held in December 2008 and the 2nd course, held in July 2009, and checked on the progress of their Action Plan. As a result, I recognized that most of them have put their plans into practice as scheduled with strong commitment to their work. In particular, they were very active in introducing CDT\*, which was very encouraging.

In order to make a diagnosis of energy conservation in SMCs, I visited three companies, including a maker of

plastic molding parts for automobiles. I was impressed by beyond expectation of progress with their techniques for measurement and their record on energy usage. Many of the former participants are qualified energy auditors. Therefore, if they make use of these recorded data as well as their training achievements, further progress in energy conservation in SMCs can be expected in the future.

\* CDT : Condition Diagnosis Techniques for Energy Conservation

Mizuho Tanaka  
Course Leader of KITA



With Mr. Sanjay Krishnarao Thade, 1st course participant, in his office  
Energy conservation diagnosis at Mittal Forgings and Components (P) Ltd.

# Recent activities for overseas development cooperation

## Visit Argentina to Support Activities on Cleaner Production (CP) in the Steel Industry

The production volume of Argentina's steel industry is not so high (ranking 28<sup>th</sup> in the world), but they are very active in environmental conservation. As Argentina is blessed with the world's 8th largest area of land, they have little difficulty in finding waste disposal sites. However, based on the principle of not leaving a burden of waste on the next generation, they are earnestly promoting reduction and reuse of waste in the steel industry, with IAS\* a leading player. JICA/KITA have provided support to their activities by offering training courses in Japan and sending JICA experts to Argentina to ensure training results are firmly established there.

I visited there as a JICA expert last November to make a keynote lecture at the International Symposium on CP organized by IAS. I also visited major steel companies to exchange opinions on CP promotion. I was deeply impressed that the necessity of CP is well understood than I expected and they have already started company-wide efforts to save resources and energy. A former participant of a JICA/KITA training course 25 years ago met me at the company. I was very gratified when he told me, "the course in JICA/KITA was very useful not only for me but for the company. I want to reciprocate as much as

possible today." He chaired the meeting and guided me the plant sincerely.

CP is an endless challenge, which stakeholders all over the world should continue to address. I hope that this course will contribute to friendship between the two countries through our efforts to make a positive impression on future generations.

\* IAS : Institute of Argentina Steel

Dr. Masakatsu Ueno  
Course Leader of KITA



My keynote lecture at the International Symposium on CP

A former participant in a JICA/KITA training course 25 years ago, Mr. Hudson, back row far right, met me, front row second from left, when I visited the company.

## Participating to Korea Eco-innovation Program in Busan Metropolitan City

A "Korea Eco-innovation Program" is being upheld under joint hosting by Ministry of Knowledge Economy and Busan Metropolitan City since 2007. The aim of this program is to improve environments and production cost performance by spreading Cleaner Production (CP) among SMB companies. The activities of this year (3rd year of the Program) are being promoted under the formation illustrated in Fig.1 below and the role of KITA, as one of expert members, is to assist introducing foreign CP activities.

The 1st activity was held in Kitakyushu on Nov. 26 & 27 last year together with 26 attendants from the member companies in Busan. The 1st day program was to introduce key points of CP and some tackling examples through lecturing by an expert of KITA and the 2nd day program was to realize directly CP activities through visiting both plants of Mitsui Stamping Co., Ltd. and TOTO EMPLA Co, Ltd. It is reported that the majority of the attendants expressed strong impression and satisfaction for the whole program according to their post-program surveys.

The next activity requested to KITA is scheduled in Busan from March 8 to 12 and arranged a program combining a lecture session to introduce 3-4 topics contributing to CP activities with visiting some of the member companies to assist their CP activities.

Eiji Wada  
Technical Advisor of KITA

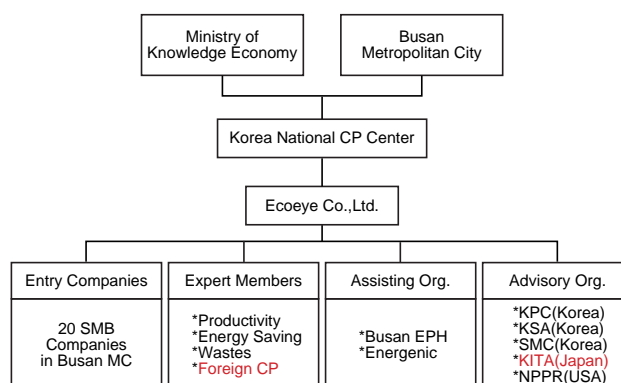


Fig.1 the formation of Korea Eco-innovation Program in Busan Metropolitan City



## Study of Maintenance Management of the Yen Loan (ODA) Projects in Vietnam

The Yen Loan Projects of JICA aim to help developing countries construct facilities for the development of economic and social infrastructures. JICA Kyushu has already offered training courses about NDT\* for Maintenance Management. Last December I visited Vietnam, one of our major recipient countries, with JICA Kyushu staff.

We examined the current maintenance situation at various facilities, including a power plant, railways, a bridge, and roads, which were constructed by yen loans. We also made a review for the improvement of content in existing training courses. We visited Pha Lai Thermal Power Plant, the largest power plant in Vietnam, Bay Chay Bridge, Semi Expressway 18, and Railway Bridge, where we met the persons in charge. Everyone took a forward-looking attitude and we appreciated their enthusiasm for absorbing various information from Japan and utilizing it for nation development.

The projects that we examined are relatively new and are effectively utilized to contribute to the development of beneficiary regions. We recognized again that the necessity of and demand for the course about NDT for Maintenance Management were very high. But we also

found out that each agency had its own requests concerning the content of training, curriculum, timing of the course, language used, and the number of participants. In addition to the interest in the current course about NDT for Maintenance Management of steel structure, we had strong demand for a course on maintenance management of concrete structures, buildings and roads. The offering of such a course will be considered in the future.

\*NDT : Non-Destructive Inspection Technique

Hiroshi Toyama  
Course Leader of KITA



In front of the monument for Japan-Vietnam Friendship celebrating the completion of Bay Chay Bridge



At the Vietnam Road Administration

## Environmental Improvement Project in Vietnam through Introduction of Cleaner Production (CP) and Educational Activities

In January, 2010, we once again visited Hoang Giang Beer Co. in Haiphong-City, Vietnam to provide on-site support, following the visits in July and September 2009, as part of the project supported by the Japan Fund for the Global Environment. The company stopped producing beer and decided to produce and sell Vietnam "Shochu" (Lua Moi). The reconstruction of the plant is underway. In establishing new facilities, they asked KITA to help them introduce the concept of CP, aiming at eco-friendly plant operation.

As the brewing equipment is the core of the plant, we asked an expert on brewing from the Faculty of Agriculture of Kyushu University to join the team and teach them how to rationalize the brewing equipment. We also gave them advice on wastewater treatment to deal with polluted effluent which was leaking out.

The company president had a strong willingness to streamline plant operations and to improve the environment. But there was a gap between his way of thinking on the time-line and the Japanese perspective, so we were bewildered by the fact that it would take longer to

finish reconstruction of the plant than we originally expected. We sincerely hope that our advice will be utilized so that an eco-friendly and efficient plant for producing "Shochu" will eventually be completed.

Shizuo Kushida  
KITA Environmental Cooperation Center

Dr. Ken-ichi Fujimoto  
Director-General of KITA  
Productivity Cooperation Center



The distilling facility at a new "Shochu" plant



The brewing process at the plant

## Support for Capacity Building started in Haiphong-City, Vietnam

Due to the economic development, Vietnam faces pollution and energy problems as Japan had faced in the past, but the countermeasures are not sufficient yet. We therefore started a JICA partnership program, "Environmental Improvement Activities through Cleaner Production" for aiming at the capacity building of government officers in Haiphong-City, Vietnam.

This program helps the city officers deliberate what approaches and supports are necessary for enterprises to promote environmental conservation, saving energy and saving resources, and in the process of reviewing the existing system and establishing a suitable system for the city, the capacity of government officers will be enhanced.

Our first step was to dispatch three experts to the city in Oct. 2009 for establishing a cooperative framework with a counterpart of the program, the Department of Industry and Trade in Haiphong-City, and for investigating the present condition on conservation of energy and resources. On Dec. 2009, we have received participants from the Department of Industry and Trade and companies of the city. In the training, they studied

administrative measures and enterprises' actions in Kitakyushu-City, and discussed their problems and ideas to improve the system.

We plan to upgrade the system in the fiscal year 2010. We hope that the new system will contribute to the environmental conservation and will be a model for other cities in Vietnam.

Yuko Eto  
Director  
KITA Environmental Cooperation Center



Discussion with experts and participants



Courtesy Visit to Vice Chairman of Haiphong People's Committee

## Support of Technical Transfer for New Business Development in Haiphong-City, Vietnam

Vietnam is one of the countries attractive to companies in Kitakyushu, as it has continued its economic growth with many competent young people in the workforce. Kitakyushu-City concluded a Friendship & Cooperation Agreement with Haiphong-City last April. With its emphasis on development, Kitakyushu-City has explored opportunities to develop new projects with Haiphong-City.

As the first step, in January the city sent a joint delegation with Fukuoka Prefecture to Hanoi and Haiphong, where there are a growing number of companies, particularly those related to the manufacturing industry. The total 16 members of delegation consisted of six companies in Kitakyushu and supporting organizations from the Planning & Cultural Affairs Bureau, the Industry and Economics Bureau, University, and JETRO\* in Kitakyushu. KITA has provided cooperation in suggesting which technologies of Kitakyushu attract Vietnamese companies, advising on tours and exchanges in Vietnam, and organizing a workshop.

There is remarkable development taking place in the Thang Long industrial park near Hanoi and the Nomura industrial park in Haiphong. The participating companies

took a firsthand look at its on-going progress. They came back to Japan with a solid sense of business potential. I think the Vietnamese side has great interest in the technology of electronic parts, metal processing, and monolithic refractory which Kitakyushu has accumulated over time.

\* JETRO : Japan External Trade Organization

Kazuya Kudo  
Vice President of KITA



Joint work-shop (Kitakyushu-City / Haiphong-City) at Haiphong-City Conference Center



Kein Hing Muramoto Vietnam Plant in Thang Long Industrial park



## Promotion of Technical Exchange with Russia, and Lectures at the International Forum

Nearly 4 years have passed since KITA participated in a consulting for technical transfer between companies in Russia and Kitakyushu in March 2006, which was organized by ROTOBO\*.

Last year, I travelled to Yekaterinburg, a steel town in the Urals Federal District, with representatives of Mishimakosan Co., Ltd. and Fujico Co., Ltd. to visit JSC Mashprom\*\* and ironworks there. We had a discussion concerning the possibility of technical transfer from Japan to Russia. I also gave a lecture entitled "Progress in Energy Saving and Resource Recycling in the Japanese Steel Industry" at the seminar with 60 participants from Russian companies and universities.

The challenges which the Russian steel industry faces are how to modernize facilities and reduce costs to improve profits. In order to address these problems, Mishimakosan and Fujico introduced their technology, mold-coating technology and mill roll life-extension technology, respectively, at the meeting, suggesting it might meet the needs of Russian companies. Many ironworks showed interest and started more practical discussions.

Later, in February, JSC Mashprom and others in the

steel industry came to Japan and launched meetings specially arranged for each company. In March, I was invited to "Third International Industrial Forum" in Chelyabinsk to make the keynote speech, "Contributions of the Japanese Steel Industry for Prevention of Global Warming and an Overview of CP\*\*\*."

\*ROTOBO : Japan Association for Trade with Russian & NIS

\*\* JSC Mashprom : a Russian steel engineering company

\*\*\*CP : Cleaner Production

Kazuya Kudo  
Vice President of KITA



In front of the world's second oldest Blast Furnace at Nizhne Tagil Metallurgical Kombinat



A panel discussion at the steel-related seminar

## Japan-China Corporate Research Project on Environments

The captioned project sponsored by the Ministry of Foreign Affairs is being upheld by The Japan Forum on International Relations (JFIR), Inc. The subjects of this project are to clarify the problems in managing waste by reviewing the present generation & treatment of waste in each country, to propose a suitable method for solving those problems and to seek for a possible formation of cooperation between Japan and China.

The working committee of Japan-side chaired by HIRONO Ryokichi, Professor Emeritus, Seikei University and 5 members representing JICA, IGES\*, NIES\*\*, KITA & GFJ\*\*\* held the 1st domestic meeting on October 14 last year and discussed a way of approach by handling 3 specific items of waste, that is, waste plastics, home appliance and automobile, all of which are regarded as serious problems in China and KITA was charged to work on automobile (or ELV: End of Life Vehicle).

On Feb 8, 2010, as one of the big activities in this project, The Japan-China Dialogue "Promoting Japan-China Cooperation on Environmental Issues of the

21st Century" was held in Tokyo. The conference gathered up about 100 attendants from the relating government offices, embassies, universities, public organizations, media organizations and private companies and ended successfully up after many constructive dialogues from the floor.

The project is going to complete by the end of March this year.

\* IGES : Institute for Global Environmental Strategies

\*\* NIES : National Institute for Environmental Studies

\*\*\* GFJ : The Global Forum of Japan

Eiji Wada  
Technical Advisor of KITA



Japan-China Dialogue in Tokyo, Feb. 8, 2010

# International friendship promotion through the Home Visit program

فُرْصَةٌ سَعِيدَةٌ.

FurSa saiida! (Nice to meet you!)

The expression in my title was used for greeting in Arabic nervously when I met participants for the first time at the lobby of JICA Kyushu. In the past 14 years since 1996, I have been involved in host family activities and hosted participants from about 30 countries. When I introduced myself to them, I tried to use their mother tongues.

My preparation for hosting starts with collecting general information on participants' country in the library. I read copied materials with my family. The more we let our imagination run free about their country, the more interesting the hosting becomes. I also collect pictures and articles from newspapers and magazines, including the first snow of the season on the summit of Mt. Fuji and traditional festivals with which I can introduce Japan to participants.

For my wife, who enjoys cooking for them, nothing gives her more pleasure than hearing from them one Japanese word, "Oishi-i (very delicious) ! "

On the day of the home visit, I show them the sights, including a historical museum, a shrine, a temple, a

library, a fishing port and a beach during the few hours before we arrive at my house.

Through the exchanges with participants, I have grown strongly aware that "we are all the same everywhere". I sincerely hope that my activities as a host have helped them have an enjoyable and pleasant stay in Japan, while coming to understand Japan a little better.

Host family member, Hiroshi Ogawa  
Resident in Onga Town, Fukuoka Prefecture



A participant from the Republic of Mauritius who relaxed at my house after enjoying the "Moon Viewing Concert" in Onga Town



A participant from Nicaragua trying to play my daughter's shamisen

## The many impressive Memories as a longtime Host Family

There are two large picture albums beside me, which are filled with wonderful memories as a host in the Home Visit program over the past 19 years. 132 participants from 42 countries visited my house in total, many of whom were from Mexico, Thailand and the Philippines. A visit to my home features the experience of wearing a kimono, which attracted many women participants. Yukuhashi is a town of nature and history, so I showed them around Imagawa to enjoy cherry blossoms, rape blossoms, and cosmos, as well as Buzen Kokubunji Temple and Mt. Hakkei.

These albums bring back various memories. The first one is the mutual visits with Prof. Hector Rincón of ITESM\* in Mexico. Prof. & Mrs. Hector stayed at my house during their honeymoon in Japan, and they later welcomed us when we visited Mexico.

The second memory is when I went to Ghana for a preliminary survey as a course leader of the training course. I was able to meet a former participant who had visited my house. He had been a national public officer, but he subsequently became a Member of Parliament in Ghana.

Another memory is the happy smiles of all participants in the album when they wore Kimono. These days,

whenever I hear the names of their countries in the overseas news, I wonder how they are all doing.

The experiences as a host in the home visit program made me much more interested in world affairs, from which I learn many valuable things. I want to continue providing an opportunity to overseas participants to learn about Japanese culture. A wider network of people might even be a bit of a contribution to world peace.

\* ITESM : Instituto Tecnológico y de Estudios Superiores de Monterrey

Host family member, Yoshio Miki  
Resident in Yukuhashi City, Fukuoka Prefecture  
Representative of the Value Creation  
Management Institute



Happy participants from Chili wearing Kimono

# KITA international training courses in FY2009

		Type	JICA Group training		JICA Area-focused training		JICA Country-focused training		KITA Individual training										
No	Title of training course	2009										2010						Course Leader	*
		4	5	6	7	8	9	10	11	12	1	2	3	4	5	6			
Environment management																			
1	(Middle East) Industrial pollution control management																Kawasaki	7	
2	Industrial wastewater treatment technique																Arakawa	8	
3	Domestic wastewater treatment technique																Yonezawa	10	
4	(Southwest Asia) Solid waste management																Haraguchi	8	
5	(Southeastern Europe) Promotion of Cleaner Production																Nishino	10	
6	Design method for environmental pollution quality standard and regulation																Haraguchi	10	
7	(KOICA-JICA) Environmental protection technology and management for air pollution control																Nishino	15	
8	(KOICA-JICA) Policy and technology for energy conservation and environmental protection in East Asia																Kawai	14	
9	Operation & maintenance of sewerage system and waste water treatment technique																Nagamine	9	
10	Waste management technique & environment education (A)																Sashiwa	7	
11	Waste management technique & environment education (B)																Kido	9	
12	Air pollution source management																Kido	8	
13	(Oceania) Solid waste management workshop																Kawai	14	
14	(Argentina) Activity of solid waste reduction																Kawasaki	5	
15	(Malaysia) Solid waste management																Minami	10	
16	(Tianjin) Promoting cooperation of environmental management																Minami	15	
17	(Fiji) Promotion of 3R																Kawai	5	
18	(Korea) Environmental and energy-saving operations seminar for SME engineers																Ishii	10	
Production technology , Plant engineering and CP																			
1	(South America) Practical production management																Miyamoto	7	
2	Facility maintenance management for productivity improvement and CP (A),(B)																Ishikawa	7/9	
3																			
4	Practical technique of mechatronics & robot																Taniguchi	6	
5	(Central and South America) CP in process industries (A),(B)																Abe	8/7	
6																			
7	(Egypt) Quality and productivity management technique																Miyamoto	5	
8	(Asia) Audit technology for energy conservation & plant diagnosis(A): energy conservation technique course																Yazu	7	
9	(Asia) Audit technology for energy conservation & plant diagnosis(B): machine diagnosis technique course																Ueyama	6	
10	(Mercosur) Energy conservation techniques																Kawaguchi	8	
11	(Central and South America) Dissemination of productivity improvement activity (A),(B)																Kawasaki	8/8	
12																			
13	(Argentina) Cleaner Production in iron & steel industry																Ueno	2/4	
14	(India) Energy conservation techniques(A)																Ueyama	15	
15	(India) Energy conservation techniques (B)																Tanaka	15	
16	Lifeline facility maintenance management by Non-destructive inspection technique																Toyama	10	
17	(Costa Rica) Energy conservation techniques																Kawaguchi	15	
18	(Malaysia) Training course for competitive advantage of Malaysian automotive parts industry																Kitada	15	
19	(Korea) Training course of CP for small and medium-sized enterprise																Wada	26	
Promoting of Recycling-based Society																			
1	(ASEAN) Establishment of sound material cycle society																Kawai	6	
2	(ASEAN and India) Asian sustainable society development (programmed by Fukuoka Prefecture)																Tajima	8	
3	(China) Asian sustainable society development (programmed by Fukuoka Prefecture)																Tajima	7	
Job training , Local revitalization and Others																			
1	(Central and South America) Job training coordinated with industry																Miki	12	
2	Occupational & environmental health management for sustainable development																Takahashi	7	
3	Food sanitation administration																Terasaki	11	
4	(South America) Vitalization of medium and small sized enterprise for local industry (training)																Miki	6	
5	(South America) Vitalization of medium and small sized enterprise for local industry (A)																Miki	9	
6	(South America) Vitalization of medium and small sized enterprise for local industry (B)																Miki	10	
7	Enhancement of occupational accident prevention and safety management																Ueyama	5	
Human Resource Development for Asia																			
1	Sewerage management technique for Hohhot																		
2	Sewerage management technique for Kunming																Tsuruta	6 x n	
3	CLAIR participant training																Murakami		

(as of February 28, 2010)

\* participants capacity

The detail of the course & annual schedule can be seen in KITA 's Web site ( <http://www.kita.or.jp/> )



# Topics and Information

## 20th Anniversary of JICA Kyushu : KITA is developing thanks to JICA

Junji Kawasaki  
Course Leader of KITA

**J**ICA Kyushu in Kitakyushu celebrated its 20th anniversary last October. It has played a significant role in international cooperation projects including the Acceptance of Technical Training Participants Program, the Japan Overseas Cooperation Volunteers, and Citizen Participation programs.

On the other hand, KITA was established in Kitakyushu 30 years ago with the goal of transferring industrial technology accumulated in Kitakyushu to developing countries, thus contributing to international cooperation. At first, there was only one JICA training course. Along with a growing number of lecturers and staff, the number of participants welcomed by KITA has increased year after year, reaching 312 of 35 courses in FY2008. Recently, Kitakyushu has attracted attention as a world-leading

model environmental city. In response, KITA has inaugurated not only industrial technology courses but new training courses on environmental conservation, energy-saving, and building up recycling-oriented society, to meet international needs. KITA continues to be an important collaborator in JICA Kyushu's projects.



Dr. Kohno, President of KITA giving congratulatory remarks at the JICA Kyushu 20th anniversary

## Citizen-participation-type Waste Management spreads globally

Masaya Nagaishi  
Director  
KITA Environmental Cooperation Center

**W**ith the assistance of Kitakyushu-City and JPEC Co., Ltd., KITA has achieved great success in the citizen-participation-type waste management, in which valuable wastes including plastics are separated and recycled by promoting compost of domestic garbage, and we have realized 10% reduction of waste volume in 3 years in Surabaya, Indonesia.

Segregation of garbage at home has attracted international attention because it contributes not only to the reduction and recycling of wastes but also to the improvement of sanitary conditions at home.

With the support of JICA, KITA has been working together with Kitakyushu-City and IGES\*



Makassar City (Indonesia)  
Citizen's Seminar

for disseminating this method to Asian cities.

\* IGES : Institute for Global Environmental Strategies

### Past achievements in recent years

Indonesia	Study Tour in Surabaya Participants : Makassar City, Balikpapan City, Palembang City, Central Jakarta City, Tarakan City
Thailand	Workshops Host Cities : Bangkok, San Kamphaeng City, Sriracha City in Chonburi Province
Philippines	Model Projects Project Areas : Bago City, Cebu City
Malaysia	Seminars for citizens Host Cities : Kuala Lumpur City, Sibul City

## KITA NEWS

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Web site includes KITA's Outline, Recent Activities and Journals published previously.

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